Brookfield
Renewable U.S.

January 19, 2022

Ms. Shannon Ames, Executive Director
Low Impact Hydro Institute
329 Massachusetts Avenue, Suite 2
Lexington, MA 02420

Subject: **Low Impact Hydropower Institute Recertification Application Supplement for the Holtwood Hydroelectric Project (Certificate #116)**

Dear Ms. Ames:

As a follow up to LIHI's Stage I Recertification Review dated January 13, 2022, BIF III Holtwood LLC (Brookfield) hereby submits a recertification application supplement for the Holtwood Hydroelectric Project (LIHI Certificate #116) in Lancaster County, PA.

Should any additional information be required, please contact me by phone at 570-226-1371, by e-mail at kathleen.lester@brookfieldrenewable.com, or by mail at Brookfield Renewable, 126 Lamberton Lane, Hawley, PA 18428.

Sincerely,

Kathleen E. Lester
Compliance Manager

Enclosures

cc: Ian Borlang (Brookfield)
Dustin Droege (Brookfield)
Adam Slowik (Brookfield)
Sandeep Mascarenhas (Brookfield)

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Page	Comment	Brookfield Response
3	Fish Passage - We would like to get the following information as it becomes available regarding the following: "Brookfield is prepared to complete the third year of radio telemetry studies in 2022, pending discussions with regulatory agencies at the annual FPTAC meetings, currently scheduled for December 7 and 8, 2021. A meeting summary was not finalized by the time of this submittal, nor was a decision made on 2022 fishway operations or Tier II studies." Please submit information on the status of all studies.	The December 2021 fish passage meeting summary is enclosed. As of this date (January 19, 2022), regulatory agencies have not made a decision on 2022 fishway operations or Tier II studies.
3	MSFOP - The 2020 MSFOP Manual annual report was submitted to the FERC and resource agencies on February 1, 2021. The 2021 report was not submitted as of the date of the LIHI application. Please submit the 2021 MSFOP Manual report as it becomes available or a status report on its development.	The December 2021 MSFOP meeting summary and 2021 MSFOP Annual Report are enclosed. The revised MSFOP manual will be completed in late 2022.
4	Please report any flow-related deviations that occurred since submittal of the LIHI application.	There have not been any flow-related deviations that have occurred since the LIHI application was submitted on December 10, 2021.
4	Please provide the 2021 dissolved oxygen (DO) report when it is available.	The 2021 Dissolved Oxygen Monitoring Report is enclosed.
5	The 2021 MSFOP Manual annual report for 2021 report was not submitted as of the date of this submittal. Brookfield should submit the 2021 MSFOP Manual report as it becomes available or a status report on its development. Brookfield is prepared to complete the third year of radio telemetry studies in 2022, pending discussions with regulatory agencies at the annual FPTAC meetings, currently scheduled for December 7 and 8, 2021. Also, a meeting summary was not finalized by the time of this submittal, nor was a decision made on 2022 fishway operations or Tier II studies. Please provide a status update.	The December 2021 MSFOP meeting summary and 2021 MSFOP Annual Report are enclosed. The revised MSFOP manual will be completed in late 2022. The December 2021 fish passage meeting summary is enclosed. As of this date (January 19, 2022), regulatory agencies have not made a decision on 2022 fishway operations or Tier II studies.

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December 2021 FPTAC Meeting Summary

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HOLTWOOD FISH PASSAGE TECHNICAL ADVISORY COMMITTEE (FPTAC)
2021 ANNUAL MEETING
MEETING HELD REMOTELY

ATTENDEES: Mike Brenner (Brookfield Renewable)
Dustin Droege (Brookfield Renewable)
Katie Lester (Brookfield Renewable)
Steve Giffin (Brookfield Renewable)
Bob Nikolaus (Brookfield Renewable)
Jon Rhoads (Brookfield Renewable)
Adam Slowik (Brookfield Renewable)
Ray Bleistine (Normandeau)
Sheila Eyler (USFWS)
Rick McCorkle (USFWS)
Jesus Morales (USFWS)
John Wiley (USFWS)
Josh Tryninewski (PFBC)
Aaron Henning (SRBC)
Jeremy Miller (PA DEP)
Ron Eberts (PA DEP)
Shawn Seaman (MD DNR)
David Seaborn (MDE)
Emily Zollweg-Horan (NYSDEC)
Jonathan Watson (NMFS)
Damian Gomez (Gomez & Sullivan)

DATE: December 8, 2021 at 12:30 p.m.

In December 2021, meetings were combined and held remotely due to COVID-19. On December 7th, agencies, consultants and licensees all came together to see presentations on fish passage numbers for 2021 as well as any studies that were occurring on the river system. Approximately 45 people attended.

An overall discussion was held regarding the future of invasive species management on the river system. Both Brookfield and Exelon asked agencies what their management plans were and expressed concern over the annually requested changes to the lift operations and how that affects our permits, licenses, and study plans. The agencies were unable to provide any direction for the future but confirmed that they are discussing regularly and will update us when possible and/or solicit feedback.

On December 8th, Brookfield met with resource agencies to discuss fish passage operations specifically at Holtwood and Safe Harbor.

2021 HOLTWOOD FISH PASSAGE

Based on a call with agencies on October 20, 2020, Brookfield submitted a request on November 17, 2020 to suspend 2021 spring and fall fish passage as well as the Tier II radio telemetry study due to concerns with the spread of invasive species. PADEP and USFWS sent letters of support in December 2020.

Brookfield filed a request with FERC on January 5, 2021 for the suspension of fish passage and Tier II study, which was approved on February 26, 2021. The variance was approved but noted that if Brookfield or resource agencies determine that permanent modifications are needed to reduce the spread of invasive species, a request for amendment will be required to be submitted to the FERC prior to the 2022 spring fish passage season.

2021 FISH LIFT REPAIR & MAINTENANCE

The following maintenance and repairs were completed in 2021 at the Holtwood fish lift:

- Pre-season maintenance completed.
- Ongoing hopper hoist maintenance including wheel alignment and greasing.
- Re-engineered MOV4's actuator to give better flow control within the lift. All upgrades completed and tested in 2021.
- MOV5's new actuator was installed. The new actuator is significantly larger and required modifications. Electrical upgrades to support the load of the new actuator were completed.
- During flow testing, B entrance gate became stuck open, well below the water surface and will require divers to investigate.

CFD MODELING

In 2020, Gomez & Sullivan performed a field test to determine if the current automatic settings for the flow distribution valve matrix produced the recommended flow velocities within the lifts. Eddying and upwelling was observed.

In 2021, they evaluated alternative flow distributions and CFD models were developed for each lift and used to model hydraulics for different tailwater conditions.

The draft report was received on 12/6/21 so only a high-level update was provided at the meeting. The highlights are:

- Current automatic settings are intended to result in a drop through the entrance gates of 1 ft, which appears to result in overly turbulent flow at the entrances.
- Current automatic settings do not produce the proper flow through the lift.
- Analyses indicate that flow conditions at the entrances would be improved by reducing the drop at the entrances to 0.5 ft, which will result in less turbulence where the attraction flow enters the downstream channel.

- The CFD models and observations during the site visit indicate that increasing the proportion of flow introduced upstream of the hoppers would improve overall flow conditions.
- Tailrace crowder velocity will need to be ~3ft/s to eliminate eddies at the A/B entrance split.
- It was found that there is significant upwelling which occurs in the spillway crowder during automatic matrix operations with the old and new settings.

Brookfield will review the report fully. In 2022, we plan to investigate the cause of the spillway attraction flow upwelling in the crowder area, permanently update the valve operating matrix, evaluate lift frequency due to higher flows within the tailrace lift, and evaluate operating either A or B entrance gate independently.

Once the operating matrix is updated to align with the new settings, the Fishways Operating Plan will be updated. Brookfield considers these changes to be operational changes. Per the approved study plan, if operational modifications are implemented, only the results from those years following the operational modifications shall be considered to determine whether the 85% passage percentage is achieved.

Jesus Morales of USFWS noted his appreciation for the work and supports the analysis. He noted a possible concern with increasing the velocity at the tailrace crowder from 1.5 ft/s to 3 ft/s and the possibility of fish exerting too much energy. Jesus Morales mentioned a 1 ft head differential is "too aggressive" considering the entrance gate floor diffusers being right at the gate. Dustin recognized the concern and noted that increasing the lift frequency or using only A or B entrance gate may alleviate that.

INVASIVES

In 2020, PADEP recommended that Brookfield evaluate the ability and/or mechanisms to manage invasive species in preparation for the 2022 fish passage season. Brookfield conducted a site visit to the Conowingo East Fish Lift (EFL), West Fish Lift (WFL), in May of 2021 to see how their lifts operate, and how they are sorting invasives. The sorting process was found to be a manual and labor intensive task detracting attention from anadromous fish.

Holtwood and Safe Harbor lifts are not designed the same as Conowingo and have no safe or viable method for fish removal/sorting. The lifts are designed to volitionally pass fish, not exclude them.

Since there is currently no scope or agency guidance on invasives management, and there is no regulatory requirement to manage them, Brookfield has not looked into this further. There are concerns with how these annual changes affect our FERC licensing requirements. Brookfield will reach out to FERC to update them on current operations.

USFWS noted Conowingo is more conducive to invasive removals and that Holtwood currently has no requirement in place for invasives. It is a continually discussed topic with no resolution yet. They are taking it one year at a time.

2022 FISH PASSAGE

Brookfield is prepared to operate their lifts in 2022 but is waiting for direction from the agencies. Agencies noted they hope to have a request to us shortly. Brookfield plans to investigate and fix entrance gate B, investigate the upwelling, and adjust the operating matrix.

It is Brookfield's understanding that Exelon will be trap and trucking 80% of fish caught at the Conowingo Dam and moving them up above York Haven. The other 20% is in question right now for where they will be put, which puts Holtwood's Tier II study in question.

Before the meeting, USFWS, PFBC and PADEP informally requested the idea of a study involving the placement of a small sample size of tagged and trucked fish into the Holtwood fish lift, with the entrance and exit screened to contain the fish. The lift would be operated to see their behavior inside of it and they would then need to be captured and not allowed to pass. Brookfield has many concerns with this type of study including the logistics, safety, and the validity of the data. Brookfield voluntarily conducted a historical research study, flow study, and CFD modeling. We are committed to improving the lift but do not believe this study adds value to it. It is also not an approved study.

The agencies noted that they are still considering having the 20% put into Conowingo Pond and asked if Brookfield could conduct their Tier II radio telemetry study if the fish were trucked up into Conowingo Pond but stocked below Normanwood Bridge. Brookfield will review the approved study plan.

FUTURE FALL FISH PASSAGE OPERATION

On August 12, 2019, PADEP committed to follow up on fall fish passage by reviewing all of the data after the 2019 season. In 2020 and 2021, PADEP requested the Brookfield suspend fall fish passage due to the possible spread of invasive species.

Long term, Brookfield would like our earlier request to discontinue fall fish passage kept as an open action item.

ROUNDTABLE COMMENTS

Sheila Eyler asked for a status on Holtwood's upcoming LIHI recertification. Katie Lester noted that the current certification is due to expire on January 20, 2022 and that Brookfield plans to file the application shortly.

The meeting adjourned at 1:35 p.m.

Brookfield
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December 2021 MSFOP Meeting Summary

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HOLTWOOD MINIMUM STREAM FLOW OPERATION PLAN
2021 ANNUAL MEETING
JANUARY 5, 2022
(MEETING HELD BY TEAMS)

Attendees:
Cale Benard (Brookfield Renewable)
Dustin Droege (Brookfield Renewable)
Katie Lester (Brookfield Renewable)
Jon Rhoads (Brookfield Renewable)
Adam Slowik (Brookfield Renewable)
John Balay (SRBC)
Ron Eberts (PA DEP)
Jeremy Miller (PA DEP)
Sheila Eyler (USFWS)
Rick McCorkle (USFWS)
Shawn Seaman (MD DNR)
Josh Tryninewski (PFBC)
Andrea Danucalov (Exelon)

Katie Lester, Compliance Manager for Brookfield, welcomed everyone to the annual Minimum Stream Flow Operating Plan (MSFOP) meeting at 9:30 a.m. The meeting was again held remotely this year. The purpose of the meeting is to review the previous year's performance with MSFOP at the Holtwood Project.

The Holtwood MSFOP sets forth how Brookfield will achieve and monitor the implementation of the minimum stream flows at the Project from Lake Aldred including (1) Piney Channel (2) the Tailrace and (3) the Spillway Area. The minimum flow regime for the Project is complex due to the size and configuration of the project, as well as the varying needs for water below the project.

REGULATORY REQUIREMENTS

Regulatory requirements and agreements include: the PA DEP 401 Water Quality Certification issued June 15, 2009, the FERC order Modifying MSFOP pursuant to Article 51 issued April 19, 2012, the SRBC Approval issued June 18, 2009, and the 2009 Exelon Generation and Holtwood Settlement Agreement.

SPECIFIC FLOW AGREEMENTS

Specific flow Agreements that the MSFOP addresses include the following:

1. Implementation of the QFERC daily volumetric flow release (including leakage) equal to the lesser of net inflow or 98.7 percent of the Conowingo project's minimum flow obligation.
2. A continuous minimum flow from the Project of 800 cfs or net inflow, if less.
3. Initiation of a 200 cfs continuous conservation release to Piney Channel.
4. Continuation of a continuous minimum stream flow to the spillway area below the dam at least equivalent to the present rate of leakage through the dam flashboards plus the present rate of flow through the 10-inch pipe in the dam.

5. The initiation of periodic wetting flow to the spillway area, following the end of anadromous fish passage operation, during June through September whenever river flow exceeds 31,000 cfs and is less than 61,500 cfs.

Brookfield discussed the new changes to MSFOP as a result of Exelon's new FERC license being issued in March of 2021 for the Conowingo project. Three changes took effect immediately including the dates in June, the QFERC amount from Dec 1 to Feb 28 and the continuous min flow for Dec 1 to Feb 28. Brookfield committed to updating the MSFOP Plan and Manual in 2022.

They also reviewed the more extensive minimum flow changes coming in 2024 as a result of the same FERC license changes downstream. This will require more research and coordination with PJM.

All of the various options that Brookfield has to meet these obligations were reviewed.

Several aerial photos were presented to depict the different areas that flow needs to be released downstream of the Project. An overview of the Piney weir was also provided. The gates are open during fish passage season but closed during the growing season for plants. Photos of the Obermeyer gates were shown and it was reported that there were no issues with them in 2021.

MSFOP COMPLIANCE

The daily MSFOP operator data sheets were designed to assist the Holtwood operators to manage outflows to meet the various flow requirements of the Project's FERC license. The spreadsheet includes color-coded operator alerts and recommended actions to impending minimum flow issues. The MFSOP spreadsheet computes, records, and provides a daily report that summarizes minimum stream flows at the project. Any issues are elevated to the Operations Supervisor. As a reminder, the MSFOP daily clock runs from 0300-0300 so that the operator has time to make up any required flows.

Per the MSFOP plan, any continuous MSFOP deviations are reported to FERC and resource agencies within 10 Days.

The annual MSFOP report was sent to the PA DEP, as well as other Resource Agencies (PFBC, PA DCNR, SRBC, MD DNR, USFWS, and USACOE), and Exelon on December 22, 2021 and included 12 monthly summary documents. The final report will be due to FERC by March 1, 2022.

Brookfield notified agencies that the Holtwood plant is working on a project to automate the plant so that it will be operated by Brookfield's National System Control Center (NSCC). The plant would still have an operator on-site, but they would not be staffing the control room 24/7. The goal is to have it operational by late spring 2022. The upgraded controls system will allow for better alarming for the NSCC and local operator to ensure we are meeting the MSFOP requirements. At this time, we are not planning to modify the layout of the annual report.

MSFOP DEVIATIONS

The reporting period covers the time period of December 16, 2020 to December 15, 2021. There was no continuous minimum flow deviation during this time period.

SPILLWAY IRRIGATION FLOWS FOR T&E PLANTS

When river flows are between 31,000 and 61,500 cfs, Brookfield is required to release 1,000 cfs for one hour to irrigate two identified plants in the spillway – White Doll's Daisy and Sticky Goldenrod. DCNR

recommended that we monitor the species for 5 years after construction to determine if flows are effective to preserving the population. There is a potential for up to 15 years of monitoring.

The annual plant surveys began in 2014. After reviewing the five years of data, DCNR recommended continuing annual surveys of the White Doll's Daisy for 3 more years and monitor the Sticky Goldenrod every 3 years (next in 2022). In spring 2023, Brookfield will request a meeting with DCNR to again review the data and discuss the future of monitoring.

Irrigation flows to the spillway area for endangered plant species was required in 2021. River flows ranged from 9,980 (July 1) to 258,000 (September 2) following migratory fish passage season (June 1 through September 30). A chart depicting river flows during this time period was shown.

While not considered a continuous minimum flow, there was one instance where the spillway watering commitment was not fully satisfied on September 10, 11, 12 and 13. Due to high flows during Hurricane Ida, Holtwood lost flashboards and was unable to maintain summer recreation pool level. Because of this, we could not make our commitment to periodic plant watering flows. A lake drawdown was performed to repair the flashboards and once back in place, our commitments were all met. Agencies were notified on September 14, 2021. In the future, the water level will be brought up for short period to spill required amount and meet all of our obligations.

WHITEWATER OPERATION

Each year, Brookfield commits to providing 264 hours of whitewater hours to the boating group. In 2021, 264 hours were offered. No makeup hours from 2020 needed to be achieved. If fish passage does not occur in 2022, Brookfield intends to offer whitewater hours and is working on a schedule to not impact fisherman in the mornings.

The annual meeting with whitewater stakeholders will be held in February 2022.

OTHER COMMENTS

Jeremy Miller of PADEP asked when the automation project should be completed. Brookfield indicated that it should finish in late spring 2022.

Jeremy Miller asked if the white water feature has a website and if inspections are completed of the facility. Brookfield indicated that the schedule is posted on the safewaters website and that inspections are done throughout the year to look at the structure and any debris accumulation that has occurred.

Richard McCorkle of USFWS asked if there is any consideration being given to replacing the flashboards with Obermeyer gates. Dustin Droege noted that it is periodically investigated and that all facets of the project are looked at including the costs, crew safety, downtime during installation, etc.

Shelia Eyler of USFWS asked if there is potential for negative energy pricing to impact minimum flow obligations. Dustin Droege noted that Unit 1 remains online regardless because it feeds Piney Channel. If required, an Obermeyer gate could be lowered to also achieve flows.

John Balay of SRBC thanked the group for the meeting and appreciated having the new minimum flow changes explained.

As required, Brookfield plans to submit a copy of the annual MSFOP Report to FERC prior to March 1, 2022.

The meeting adjourned at approximately 10:00 AM.

Brookfield
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2021 MSFOP Annual Report

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Brookfield
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VIA EMAIL

December 22, 2021

Mr. Scott R. Williamson, Program Manager
Department of Environmental Protection; Waterways and Wetlands Program
South Central Regional Office
909 Elmerton Ave.
Harrisburg, PA 17110

RE: HOLTWOOD HYDROELECTRIC PROJECT FERC NO. 1881-054
2021 ANNUAL MINIMUM FLOW REPORT
PA DEP 401 WATER QUALITY CERTIFICATE

Dear Mr. Williamson:

In compliance with Condition number IV A of the Pennsylvania Department of Environmental Protection ("PA DEP") 401 Water Quality Certificate ("WQC") issued June 15, 2009 and the Federal Energy Regulatory Commission ("FERC") Order Modifying and Approving Minimum Stream Flow Operations Procedures Manual Pursuant to Article 51 issued April 19, 2012, BIF III Holtwood, LLC ("Brookfield") is submitting its 2021 Annual Minimum Flow Report for the Holtwood Hydroelectric Project.

The WQC requires Brookfield to submit an annual report by December 31 of each year and meet with the resource agencies by January 31 of each year to discuss any changes to the minimum flow operating procedures. Brookfield is hereby submitting the 2021 Annual Report to the PA DEP, as well as other Resource Agencies (PFBC, PA DCNR, SRBC, MD DNR, USFWS, and USACOE), and Exelon, for review and comment. This report covers the time period of December 16, 2020 to December 15, 2021.

The Holtwood Minimum Stream Flow Operations and Implementation Plan ("Plan") sets forth how Brookfield will achieve and monitor the implementation of the minimum stream flows at the Project from Lake Aldred including (1) Piney Channel (2) the Tailrace and (3) the spillway area. The minimum flow regime for the Project is complex due to the size and configuration of the project, as well as the varying needs for water below the project. In addition to the FERC license and the 401 certification, minimum flow releases are also authorized by the Susquehanna River Basin Commission ("SRBC") and directed as part of the 2008 settlement agreement with Exelon Generation Company, LLC ("Exelon").

Specific flow requirements that the Plan addresses include the following:

1. Implementation of the QFERC daily volumetric flow release (including leakage) equal to the lesser of net inflow or 98.7 percent of the Conowingo project's minimum flow obligation[1].
2. A continuous minimum flow from the Project of 800 cfs[2] or net inflow, if less.
3. A continuous 200 cfs continuous conservation release to Piney Channel.
4. Continuation of a continuous minimum stream flow to the spillway area below the dam at least equivalent to the present rate of leakage through the dam flashboards plus the present rate of flow through the 10-inch pipe in the dam.

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5. The initiation of a periodic wetting flow to the spillway area during June through September whenever river flow exceeds 31,000 cfs and is less than 61,500 cfs.

[1] If the minimum flow at Conowingo Dam changes in the future, the daily minimum flow from the Holtwood Project will be adjusted accordingly.
[2] If Conowingo's minimum flow requirements are ever modified then the 800 cfs Continuous Minimum Flow shall be adjusted by an equivalent percentage.

Per the WQC, the FERC Order Modifying and Approving Minimum Stream Flow Operations Procedures Manual, and the Plan, the Holtwood Project provided a daily volumetric flow release equal to the lesser of net inflow or 98.7 percent of the Conowingo project's minimum flow obligation. In addition, the Project routinely maintained a continuous release of 800 cfs or net inflow, if less and a 200 cfs continuous release into Piney Channel.

On March 19, 2021, Exelon was issued a new license by the FERC for the downstream Conowingo Dam (P-405) which laid out modified minimum flows. We immediately contacted Exelon to verify the flows that were changing in 2021 and then contacted PADEP for clarification. Changes that took place in 2021 were the increase for June 1 to June 15 from 5,000 cfs to 7,500 cfs and from December to February, the flow changed from 1,750 cfs to 3,500 cfs. Brookfield implemented these changes and discussed other upcoming changes with PADEP, including the update of the MSFOP Plan and Manual, which will be done in 2022.

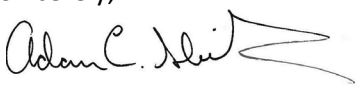
Per the FERC Order Approving the MSFOP, the licensee is required to report any deviations from the required continuous minimum flows or the daily average minimum flow. There were no minimum flow deviations in 2021.

While not considered a continuous minimum flow, there was one instance where the spillway watering commitment was not fully satisfied on September 10, 11, 12 and 13. When flows are between 31,000 and 61,500 cfs from June to September, we are required to release 1,000 cfs for one hour to irrigate the spillway plants. Due to high flows during Hurricane Ida, Holtwood lost flashboards and was unable to maintain summer recreation pool level. Because of this, we could not make our commitment to periodic plant watering flows. A lake drawdown was performed to repair the flashboards and once back in place, our commitments were all met. Agencies were notified on September 14, 2021.

Please review and let us know if you have any comments. Brookfield intends to file this report with FERC by March 1, 2022 as required.

Should any additional information be required, please contact me by phone at 215-620-4589, by e-mail at adam.slowik@brookfieldrenewable.com, or by mail at Brookfield Renewable, 482 Old Holtwood Rd, Holtwood, PA 17532.

Sincerely,



Adam Slowik
Compliance Specialist

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cc: John Balay (SRBC)
Cale Benard (Brookfield)
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December 2020 Minimum Flow Report for Holtwood Hydroelectric Project-FERC Project No. 1881-054 PA

						Estimated Holtwood Inflow					Actual end-of-day		Actual Holtwood Outflow Volume				Carry-over Outflow Volume		
Report Date	Marietta Gage Flow (CFS)	Data Required? Based on Lake Level of 171 (Y OR N)	QFERC (CFS)	98.7% Conowingo Flow Volume (CFS-Hrs)	Prior Day Volume Deficit (CFS-Hrs)	Estimated Local Inflow (CFS-Hrs) (Conestoga/Pequea)	Estimated Lake Evaporation (CFS-Hrs)	Safe Harbor Actual Flow Volume (CFS-Hrs)	Total Inflow Volume (CFS-Hrs)	Beginning Day Holtwood Lake Level (Ft)	Required Outflow Volume (CFS-Hrs)	Lake Level not Higher Than (Ft)	Generation + PH leakage + Fish Lift (CFS-Hrs)	Spillway + Trash Sluice (CFS-Hrs)	Total Holtwood Outflow (CFS-Hrs)	End-of-Day Holtwood Lake Level (Ft)	Outflow Volume Requirement Governs (CFS-Hrs)	Lake Level Requirement Governs (CFS-Hrs)	Comments
16-Dec-20	14,600	YES	1,750	41,454	0	23,608	0	354,221	377,829	166.77	41,454	NA	346,860	274	347,134	167.95	0	NA	
17-Dec-20	15,100	YES	1,750	41,454	0	20,838	0	294,372	315,210	167.95	41,454	NA	368,430	349	368,779	166.28	0	NA	
18-Dec-20	13,500	YES	1,750	41,454	0	18,627	0	325,816	344,443	166.28	41,454	NA	303,600	282	303,882	167.61	0	NA	
19-Dec-20	13,700	YES	1,750	41,454	0	18,946	0	211,857	230,803	167.61	41,454	NA	284,460	394	284,854	166.07	0	NA	
20-Dec-20	13,900	YES	1,750	41,454	0	17,188	0	319,228	336,416	166.07	41,454	NA	286,760	472	287,232	167.88	0	NA	
21-Dec-20	13,600	YES	1,750	41,454	0	16,948	0	248,353	265,302	167.88	41,454	NA	306,090	389	306,479	166.87	0	NA	
22-Dec-20	12,500	YES	1,750	41,454	0	18,041	0	326,710	344,750	166.87	41,454	NA	346,540	333	346,873	167.22	0	NA	
23-Dec-20	13,200	YES	1,750	41,454	0	27,338	0	349,434	376,772	167.22	41,454	NA	386,090	219	386,309	167.13	0	NA	
24-Dec-20	15,200	YES	1,750	41,454	0	28,190	0	418,629	446,819	167.14	41,454	NA	525,110	214	525,324	166.56	0	NA	
25-Dec-20	30,500	YES	1,750	41,454	0	162,190	0	2,746,653	2,908,842	166.56	41,454	NA	1,283,895	1,203,864	2,487,759	174.07	0	NA	
26-Dec-20	213,000	NO	1,750	-	-	-	-	-	-	174.07	-	-	-	-	-	-	-	-	Flashboard damage
27-Dec-20	310,000	NO	1,750	-	-	-	-	-	-	175.03	-	-	-	-	-	-	-	-	Flashboard damage
28-Dec-20	247,000	NO	1,750	-	-	-	-	-	-	173.52	-	-	-	-	-	-	-	-	Flashboard damage
29-Dec-20	167,000	NO	1,750	-	-	-	-	-	-	171.48	-	-	-	-	-	-	-	-	Flashboard damage
30-Dec-20	121,000	YES	1,750	41,454	0	37,754	0	2,461,689	2,499,443	170.15	41,454	NA	1,097,490	1,478,420	2,575,910	169.55	0	NA	Flashboard damage
31-Dec-20	91,800	YES	1,750	41,454	0	34,584	0	1,880,503	1,915,087	169.55	41,454	NA	1,055,280	1,039,951	2,095,231	168.63	0	NA	Flashboard damage

January 2021 Minimum Flow Report for Holtwood Hydroelectric Project-FERC Project No. 1881-054 PA

						Estimated Holtwood Inflow					Actual end-of-day		Actual Holtwood Outflow Volume				Carry-over Outflow Volume		
Report Date	Marietta Gage Flow (CFS)	Data Required? Based on Lake Level of 171 (Y OR N)	QFERC (CFS)	98.7% Conowingo Flow Volume (CFS-Hrs)	Prior Day Volume Deficit (CFS-Hrs)	Estimated Local Inflow (CFS-Hrs) (Conestoga/Pequea)	Estimated Lake Evaporation (CFS-Hrs)	Safe Harbor Actual Flow Volume (CFS-Hrs)	Total Inflow Volume (CFS-Hrs)	Beginning Day Holtwood Lake Level (Ft)	Required Outflow Volume (CFS-Hrs)	Lake Level not Higher Than (Ft)	Generation + PH leakage + Fish Lift (CFS-Hrs)	Spillway + Trash Sluice (CFS-Hrs)	Total Holtwood Outflow (CFS-Hrs)	End-of-Day Holtwood Lake Level (Ft)	Outflow Volume Requirement Governs (CFS-Hrs)	Lake Level Requirement Governs (CFS-Hrs)	Comments
01-Jan-21	74,700	YES	1,750	41,454	0	34,904	0	1,528,702	1,563,606	168.63	41,454	NA	1,513,200	623,179	2,136,379	166.06	0	NA	Flashboard damage
02-Jan-21	65,400	YES	1,750	41,454	0	71,267	0	1,539,488	1,610,756	166.06	41,454	NA	1,113,030	521,184	1,634,214	167.18	0	NA	Flashboard damage
03-Jan-21	63,900	YES	1,750	41,454	0	57,734	0	1,399,750	1,457,485	167.18	41,454	NA	1,123,970	363,322	1,487,292	166.79	0	NA	Flashboard damage
04-Jan-21	63,400	YES	1,750	41,454	0	39,646	0	1,539,197	1,578,843	166.79	41,454	NA	1,088,520	536,722	1,625,242	167.69	0	NA	Flashboard damage
05-Jan-21	70,700	YES	1,750	41,454	0	47,877	0	1,575,312	1,623,189	167.69	41,454	NA	1,112,780	611,360	1,724,140	166.98	0	NA	Flashboard damage
06-Jan-21	71,500	YES	1,750	41,454	0	40,285	0	1,538,519	1,578,804	166.98	41,454	NA	1,217,030	422,153	1,639,183	165.75	0	NA	Flashboard damage
07-Jan-21	64,900	YES	1,750	41,454	0	36,262	0	1,422,347	1,458,609	165.75	41,454	NA	1,173,170	307,193	1,480,363	165.05	0	NA	Flashboard damage
08-Jan-21	55,700	YES	1,750	41,454	0	34,051	0	1,183,440	1,217,491	165.05	41,454	NA	972,580	222,698	1,195,278	166.58	0	NA	Flashboard damage
09-Jan-21	49,900	YES	1,750	41,454	0	32,160	0	1,045,985	1,078,145	166.58	41,454	NA	877,560	279,146	1,156,706	166.16	0	NA	Flashboard damage
10-Jan-21	45,500	YES	1,750	41,454	0	30,988	0	1,006,841	1,037,829	166.16	41,454	NA	885,110	212,469	1,097,579	166.30	0	NA	Flashboard damage
11-Jan-21	41,100	YES	1,750	41,454	0	29,043	0	829,194	858,237	166.30	41,454	NA	864,235	48,943	913,178	164.63	0	NA	Flashboard damage
12-Jan-21	38,300	YES	1,750	41,454	0	28,084	0	817,963	846,047	164.63	41,454	NA	821,255	29,085	850,340	164.84	0	NA	Flashboard damage
13-Jan-21	36,600	YES	1,750	41,454	0	26,885	0	713,504	740,389	164.84	41,454	NA	741,685	13,420	755,105	165.17	0	NA	Flashboard damage
14-Jan-21	31,200	YES	1,750	41,454	0	25,873	0	720,232	746,105	165.17	41,454	NA	738,315	29,971	768,286	165.24	0	NA	Flashboard damage
15-Jan-21	29,200	YES	1,750	41,454	0	25,313	0	596,075	621,389	165.24	41,454	NA	636,820	1,820	638,640	164.70	0	NA	Flashboard damage
16-Jan-21	28,100	YES	1,750	41,454	0	24,834	0	677,843	702,677	164.70	41,454	NA	723,165	11,267	734,432	164.30	0	NA	Flashboard damage
17-Jan-21	28,200	YES	1,750	41,454	0	28,084	0	746,291	774,375	164.30	41,454	NA	777,080	43	777,123	164.01	0	NA	Flashboard damage
18-Jan-21	28,900	YES	1,750	41,454	0	28,537	0	831,679	860,215	164.01	41,454	NA	830,070	35	830,105	164.34	0	NA	Flashboard damage
19-Jan-21	40,300	YES	1,750	41,454	0	23,662	0	922,982	946,644	164.34	41,454	NA	929,615	29	929,644	164.31	0	NA	Flashboard damage
20-Jan-21	38,000	YES	1,750	41,454	0	22,489	0	834,443	856,933	164.31	41,454	NA	857,370	29	857,399	164.28	0	NA	Flashboard damage
21-Jan-21	36,000	YES	1,750	41,454	0	21,983	0	716,080	738,063	164.28	41,454	NA	683,935	51	683,986	166.32	0	NA	Flashboard replaced
22-Jan-21	32,800	YES	1,750	41,454	0	21,504	0	669,856	691,360	166.32	41,454	NA	590,790	8,873	599,663	169.18	0	NA	
23-Jan-21	28,900	YES	1,750	41,454	0	20,625	0	614,948	635,572	169.18	41,454	NA	684,855	544	685,399	167.54	0	NA	
24-Jan-21	26,900	YES	1,750	41,454	0	19,666	0	612,255	631,920	167.54	41,454	NA	688,485	6,588	695,073	165.55	0	NA	
25-Jan-21	25,200	YES	1,750	41,454	0	19,080	0	555,816	574,895	165.55	41,454	NA	541,630	145	541,775	166.57	0	NA	
26-Jan-21	24,000	YES	1,750	41,454	0	18,946	0	502,405	521,352	166.57	41,454	NA	484,335	231	484,566	167.90	0	NA	
27-Jan-21	22,200	YES	1,750	41,454	0	19,985	0	518,112	538,098	167.90	41,454	NA	500,750	6,048	506,798	169.02	0	NA	
28-Jan-21	20,300	YES	1,750	41,454	0	19,213	0	578,916	598,129	169.02	41,454	NA	515,495	26,839	542,334	169.53	0	NA	
29-Jan-21	20,000	YES	1,750	41,454	0	18,174	0	369,687	387,861	169.53	41,454	NA	456,180	536	456,716	167.15	0	NA	
30-Jan-21	18,600	YES	1,750	41,454	0	17,002	0	430,587	447,589	167.15	41,454	NA	420,595	273	420,868	168.10	0	NA	
31-Jan-21	16,700	YES	1,750	41,454	0	17,002	0	367,681	384,683	168.10	41,454	NA	403,330	398	403,728	167.55	0	NA	

February 2021 Minimum Flow Report for Holtwood Hydroelectric Project-FERC Project No. 1881-054 PA

						Estimated Holtwood Inflow					Actual end-of-day		Actual Holtwood Outflow Volume				Carry-over Outflow Volume		
Report Date	Marietta Gage Flow (CFS)	Data Required? Based on Lake Level of 171 (Y OR N)	QFERC (CFS)	98.7% Conowingo Flow Volume (CFS-Hrs)	Prior Day Volume Deficit (CFS-Hrs)	Estimated Local Inflow (CFS-Hrs) (Conestoga/Pequea)	Estimated Lake Evaporation (CFS-Hrs)	Safe Harbor Actual Flow Volume (CFS-Hrs)	Total Inflow Volume (CFS-Hrs)	Beginning Day Holtwood Lake Level (Ft)	Required Outflow Volume (CFS-Hrs)	Lake Level not Higher Than (Ft)	Generation + PH leakage + Fish Lift (CFS Hrs)	Spillway + Trash Sluice (CFS-Hrs)	Total Holtwood Outflow (CFS-Hrs)	End-of-Day Holtwood Lake Level (Ft)	Outflow Volume Requirement Governs (CFS-Hrs)	Lake Level Requirement Governs (CFS-Hrs)	Comments
01-Feb-21	17,300	YES	1,750	41,454	0	17,641	0	304,217	321,858	167.55	41,454	NA	388,160	278	388,438	165.36	0	NA	
02-Feb-21	13,600	YES	1,750	41,454	0	18,573	0	314,360	332,933	165.36	41,454	NA	313,510	101	313,611	165.52	0	NA	
03-Feb-21	10,900	YES	1,750	41,454	0	18,680	0	266,373	285,053	165.52	41,454	NA	282,860	74	282,934	165.30	0	NA	
04-Feb-21	14,200	YES	1,750	41,454	0	18,174	0	328,912	347,086	165.30	41,454	NA	256,910	513	257,423	167.98	0	NA	
05-Feb-21	16,000	YES	1,750	41,454	0	61,171	0	433,419	494,589	167.98	41,454	NA	455,500	655	456,155	168.76	0	NA	
06-Feb-21	19,900	YES	1,750	41,454	0	19,692	0	432,707	452,399	168.76	41,454	NA	471,830	623	472,453	168.36	0	NA	
07-Feb-21	19,500	YES	1,750	41,454	0	19,586	0	421,428	441,013	168.36	41,454	NA	486,120	516	486,636	166.99	0	NA	
08-Feb-21	19,300	YES	1,750	41,454	0	19,985	0	454,337	474,322	166.99	41,454	NA	444,790	218	445,008	167.88	0	NA	
09-Feb-21	20,500	YES	1,750	41,454	0	18,627	0	379,719	398,345	167.88	41,454	NA	421,000	264	421,264	166.96	0	NA	
10-Feb-21	18,000	YES	1,750	41,454	0	17,614	0	392,391	410,006	166.96	41,454	NA	600,090	345	600,435	166.99	0	NA	
11-Feb-21	15,500	YES	1,750	41,454	0	17,188	0	296,755	313,943	166.99	41,454	NA	315,230	299	315,529	166.81	0	NA	
12-Feb-21	15,100	YES	1,750	41,454	0	17,241	0	364,564	381,806	166.81	41,454	NA	377,560	397	377,957	166.92	0	NA	
13-Feb-21	14,800	YES	1,750	41,454	0	16,682	0	312,069	328,751	166.92	41,454	NA	296,290	430	296,720	167.80	0	NA	
14-Feb-21	15,800	YES	1,750	41,454	0	16,149	0	350,302	366,451	167.80	41,454	NA	370,790	582	371,372	167.65	0	NA	
15-Feb-21	14,600	YES	1,750	41,454	0	15,803	0	325,396	341,199	167.65	41,454	NA	336,560	374	336,934	167.69	0	NA	
16-Feb-21	14,900	YES	1,750	41,454	0	16,549	0	470,870	487,419	167.69	41,454	NA	487,950	640	488,590	168.71	0	NA	
17-Feb-21	20,400	YES	1,750	41,454	0	67,911	0	500,978	568,889	168.71	41,454	NA	552,920	550	553,470	168.41	0	NA	
18-Feb-21	22,800	YES	1,750	41,454	0	51,287	0	613,976	665,264	168.41	41,454	NA	640,435	773	641,208	168.77	0	NA	
19-Feb-21	26,000	YES	1,750	41,454	0	33,066	0	586,182	619,248	168.77	41,454	NA	607,410	668	608,078	168.89	0	NA	
20-Feb-21	25,500	YES	1,750	41,454	0	26,805	0	599,078	625,883	168.89	41,454	NA	645,060	647	645,707	168.09	0	NA	
21-Feb-21	23,500	YES	1,750	41,454	0	24,061	0	451,950	476,012	168.09	41,454	NA	513,965	440	514,405	167.27	0	NA	
22-Feb-21	22,600	YES	1,750	41,454	0	22,116	0	511,204	533,321	167.27	41,454	NA	490,240	502	490,742	168.65	0	NA	
23-Feb-21	22,300	YES	1,750	41,454	0	23,049	0	542,388	565,437	168.65	41,454	NA	567,360	595	567,955	168.53	0	NA	
24-Feb-21	21,600	YES	1,750	41,454	0	25,500	0	527,818	553,318	168.53	41,454	NA	553,430	643	554,073	168.70	0	NA	
25-Feb-21	22,000	YES	1,750	41,454	0	35,730	0	520,521	556,250	168.70	41,454	NA	579,215	688	579,903	168.46	0	NA	
26-Feb-21	26,900	YES	1,750	41,454	0	43,215	0	701,540	744,756	168.46	41,454	NA	797,815	455	798,270	166.61	0	NA	
27-Feb-21	36,100	YES	1,750	41,454	0	37,967	0	969,319	1,007,287	166.61	41,454	NA	1,026,000	222	1,026,222	165.94	0	NA	
28-Feb-21	44,700	YES	1,750	41,454	0	49,982	0	1,224,534	1,274,516	165.94	41,454	NA	1,217,350	347	1,217,697	168.26	0	NA	

March 2021 Minimum Flow Report for Holtwood Hydroelectric Project-FERC Project No. 1881-054 PA

						Estimated Holtwood Inflow					Actual end-of-day		Actual Holtwood Outflow Volume				Carry-over Outflow Volume		
Report Date	Marietta Gage Flow (CFS)	Data Required? Based on Lake Level of 171 (Y OR N)	QFERC (CFS)	98.7% Conowingo Flow Volume (CFS-Hrs)	Prior Day Volume Deficit (CFS-Hrs)	Estimated Local Inflow (CFS-Hrs) (Conestoga/Pequea)	Estimated Lake Evaporation (CFS-Hrs)	Safe Harbor Actual Flow Volume (CFS-Hrs)	Total Inflow Volume (CFS-Hrs)	Beginning Day Holtwood Lake Level (Ft)	Required Outflow Volume (CFS-Hrs)	Lake Level not Higher Than (Ft)	Generation + PH leakage + Fish Lift (CFS-Hrs)	Spillway + Trash Sluice (CFS-Hrs)	Total Holtwood Outflow (CFS-Hrs)	End-of-Day Holtwood Lake Level (Ft)	Outflow Volume Requirement Governs (CFS-Hrs)	Lake Level Requirement Governs (CFS-Hrs)	Comments
01-Mar-21	67,900	YES	3,500	82,908	0	127,904	0	2,132,563	2,260,467	168.26	82,908	NA	1,409,170	270,837	1,680,007	171.68	0	NA	
02-Mar-21	-	NO	3,500	-	-	-	-	-	-	171.68	-	-	-	-	-	-	-	-	
03-Mar-21	-	NO	3,500	-	-	-	-	-	-	171.87	-	-	-	-	-	-	-	-	
04-Mar-21	-	NO	3,500	-	-	-	-	-	-	171.81	-	-	-	-	-	-	-	-	
05-Mar-21	94,100	YES	3,500	82,908	0	54,298	0	2,022,175	2,076,473	170.29	82,908	NA	1,344,590	578,747	1,923,337	171.45	0	NA	
06-Mar-21	-	NO	3,500	-	-	-	-	-	-	171.45	-	-	-	-	-	-	-	-	
07-Mar-21	-	NO	3,500	-	-	-	-	-	-	171.45	-	-	-	-	-	-	-	-	
08-Mar-21	60,400	YES	3,500	82,908	0	40,152	0	1,231,411	1,271,563	169.30	82,908	NA	1,282,075	14,157	1,296,232	166.25	0	NA	
09-Mar-21	55,100	YES	3,500	82,908	0	38,820	0	1,114,135	1,152,955	166.25	82,908	NA	1,104,020	464	1,104,484	167.39	0	NA	
10-Mar-21	48,100	YES	3,500	82,908	0	37,488	0	1,012,431	1,049,919	167.39	82,908	NA	935,735	20,832	956,567	168.39	0	NA	
11-Mar-21	42,100	YES	3,500	82,908	0	35,916	0	913,591	949,507	168.39	82,908	NA	975,460	556	976,016	167.66	0	NA	
12-Mar-21	41,900	YES	3,500	82,908	0	34,770	0	1,172,442	1,207,212	167.66	82,908	NA	1,204,080	316	1,204,396	166.77	0	NA	
13-Mar-21	45,800	YES	3,500	79,454	0	32,735	0	1,897,749	1,930,484	166.77	79,454	NA	1,313,235	154,233	1,467,468	171.95	0	NA	
14-Mar-21	-	NO	3,500	-	-	-	-	-	-	171.95	-	-	-	-	-	-	-	-	
15-Mar-21	-	NO	3,500	-	-	-	-	-	-	172.70	-	-	-	-	-	-	-	-	
16-Mar-21	-	NO	3,500	-	-	-	-	-	-	171.75	-	-	-	-	-	-	-	-	
17-Mar-21	-	NO	3,500	-	-	-	-	-	-	171.97	-	-	-	-	-	-	-	-	
18-Mar-21	74,800	YES	3,500	82,908	0	26,592	0	1,677,105	1,703,697	170.73	82,908	NA	1,392,570	146,131	1,538,701	170.31	0	NA	
19-Mar-21	67,200	YES	3,500	82,908	0	37,221	0	1,591,559	1,628,780	170.31	82,908	NA	1,379,430	89,280	1,468,710	171.17	0	NA	
20-Mar-21	-	NO	3,500	-	-	-	-	-	-	171.17	-	-	-	-	-	-	-	-	
21-Mar-21	-	NO	3,500	-	-	-	-	-	-	171.65	-	-	-	-	-	-	-	-	
22-Mar-21	-	NO	3,500	-	-	-	-	-	-	171.67	-	-	-	-	-	-	-	-	
23-Mar-21	-	NO	3,500	-	-	-	-	-	-	171.12	-	-	-	-	-	-	-	-	
24-Mar-21	68,300	YES	3,500	82,908	0	25,660	0	1,445,868	1,471,528	170.49	82,908	NA	1,362,490	34,233	1,396,723	170.05	0	NA	
25-Mar-21	66,200	YES	3,500	82,908	0	49,716	0	1,577,407	1,627,122	170.05	82,908	NA	1,360,980	124,373	1,485,353	170.59	0	NA	
26-Mar-21	68,800	YES	3,500	82,908	0	46,465	0	1,616,056	1,662,522	170.59	82,908	NA	1,322,510	156,238	1,478,748	169.98	0	NA	
27-Mar-21	72,700	YES	3,500	82,908	0	36,236	0	1,710,595	1,746,831	169.98	82,908	NA	1,360,440	179,677	1,540,117	170.23	0	NA	
28-Mar-21	72,000	YES	3,500	82,908	0	31,174	0	1,551,805	1,582,979	170.23	82,908	NA	1,283,085	147,977	1,431,062	169.61	0	NA	
29-Mar-21	70,300	YES	3,500	82,908	0	41,937	0	1,538,358	1,580,294	169.61	82,908	NA	1,325,960	123,827	1,449,787	169.66	0	NA	
30-Mar-21	66,900	YES	3,500	82,908	0	42,842	0	1,418,317	1,461,159	169.66	82,908	NA	1,360,070	38,107	1,398,177	168.60	0	NA	
31-Mar-21	6,310	YES	3,500	82,908	0	34,025	0	1,512,979	1,547,004	168.60	82,908	NA	1,328,210	64,335	1,392,545	170.84	0	NA	

April 2021 Minimum Flow Report for Holtwood Hydroelectric Project-FERC Project No. 1881-054 PA

						Estimated Holtwood Inflow					Actual end-of-day		Actual Holtwood Outflow Volume				Carry-over Outflow Volume		
Report Date	Marietta Gage Flow (CFS)	Data Required? Based on Lake Level of 171 (Y OR N)	QFERC (CFS)	98.7% Conowingo Flow Volume (CFS-Hrs)	Prior Day Volume Deficit (CFS-Hrs)	Estimated Local Inflow (CFS-Hrs) (Conestoga/Pequea)	Estimated Lake Evaporation (CFS-Hrs)	Safe Harbor Actual Flow Volume (CFS-Hrs)	Total Inflow Volume (CFS-Hrs)	Beginning Day Holtwood Lake Level (Ft)	Required Outflow Volume (CFS-Hrs)	Lake Level not Higher Than (Ft)	Generation + PH leakage + Fish Lift (CFS-Hrs)	Spillway + Trash Sluice (CFS-Hrs)	Total Holtwood Outflow (CFS-Hrs)	End-of-Day Holtwood Lake Level (Ft)	Outflow Volume Requirement Governs (CFS-Hrs)	Lake Level Requirement Governs (CFS-Hrs)	Comments
01-Apr-21	59,000	YES	10,000	236,880	0	32,719	264	1,249,489	1,281,944	170.84	236,880	NA	1,357,410	11,903	1,369,313	165.87	0	NA	
02-Apr-21	57,800	YES	10,000	236,880	0	35,223	264	1,328,464	1,363,423	165.87	236,880	NA	1,212,120	3,697	1,215,817	169.05	0	NA	
03-Apr-21	57,000	YES	10,000	236,880	0	30,588	264	1,275,753	1,306,077	169.05	236,880	NA	1,264,960	2,786	1,267,746	168.37	0	NA	
04-Apr-21	52,900	YES	10,000	236,880	0	27,951	264	1,173,917	1,201,604	168.37	236,880	NA	1,141,000	11,574	1,152,574	168.79	0	NA	
05-Apr-21	49,500	YES	10,000	236,880	0	26,858	264	1,129,590	1,156,185	168.79	236,880	NA	1,188,520	551	1,189,071	166.47	0	NA	
06-Apr-21	47,300	YES	10,000	236,880	0	26,219	264	974,707	1,000,662	166.47	236,880	NA	883,705	27,686	911,391	168.05	0	NA	
07-Apr-21	44,400	YES	10,000	236,880	0	25,393	264	957,845	982,974	168.05	236,880	NA	955,430	5,498	960,928	167.55	0	NA	
08-Apr-21	39,900	YES	10,000	236,880	0	24,194	264	872,239	896,170	167.55	236,880	NA	872,625	467	873,092	167.62	0	NA	
09-Apr-21	37,100	YES	10,000	236,880	0	23,448	264	809,866	833,051	167.62	236,880	NA	813,420	3,573	816,993	168.09	0	NA	
10-Apr-21	35,400	YES	10,000	236,880	0	22,756	264	766,534	789,026	168.09	236,880	NA	744,115	8,665	752,780	168.29	0	NA	
11-Apr-21	33,200	YES	10,000	236,880	0	22,543	264	776,994	799,273	168.29	236,880	NA	799,060	8,767	807,827	168.72	0	NA	
12-Apr-21	33,200	YES	10,000	236,880	0	38,180	264	1,181,280	1,219,196	168.72	236,880	NA	1,120,210	31,764	1,151,974	171.10	0	NA	
13-Apr-21	60,100	NO	10,000	-	-	-	-	-	-	171.10	-	-	-	-	-	-	-	-	
14-Apr-21	65,200	NO	10,000	-	-	-	-	-	-	171.68	-	-	-	-	-	-	-	-	
15-Apr-21	68,700	NO	10,000	-	-	-	-	-	-	171.29	-	-	-	-	-	-	-	-	
16-Apr-21	60,100	YES	10,000	236,880	236880	29,522	264	1,252,053	1,281,312	170.03	473,760	NA	1,230,210	30,571	1,260,781	169.29	0	NA	
17-Apr-21	53,400	YES	10,000	236,880	0	27,524	264	1,130,420	1,157,680	169.25	236,880	NA	1,111,240	22,709	1,133,949	169.09	0	NA	
18-Apr-21	47,200	YES	10,000	236,880	0	26,059	264	1,019,809	1,045,605	169.09	236,880	NA	1,113,150	7,580	1,120,730	165.83	0	NA	
19-Apr-21	43,800	YES	10,000	236,880	0	24,860	264	990,890	1,015,486	165.83	236,880	NA	902,195	228	902,423	168.64	0	NA	
20-Apr-21	43,300	YES	10,000	236,880	0	23,662	264	939,766	963,164	168.64	236,880	NA	#REF!	19,842	#REF!	167.82	0	NA	
21-Apr-21	41,300	YES	10,000	236,880	0	23,049	264	913,834	936,619	167.82	236,880	NA	881,570	16,770	898,340	168.89	0	NA	
22-Apr-21	38,300	YES	10,000	236,880	0	21,690	264	823,113	844,539	168.89	236,880	NA	828,350	638	828,988	168.99	0	NA	
23-Apr-21	34,800	YES	10,000	236,880	0	21,264	264	732,742	753,742	168.99	236,880	NA	848,205	3,641	851,846	165.81	0	NA	
24-Apr-21	33,700	YES	10,000	236,880	0	20,784	264	769,350	789,870	165.81	236,880	NA	751,300	6,571	757,871	166.62	0	NA	
25-Apr-21	31,600	YES	10,000	236,880	0	20,065	264	724,913	744,714	166.62	236,880	NA	712,255	6,496	718,751	167.37	0	NA	
26-Apr-21	30,600	YES	10,000	236,880	0	22,010	264	634,325	656,071	167.37	236,880	NA	656,840	549	657,389	167.39	0	NA	
27-Apr-21	28,600	YES	10,000	236,880	0	20,438	264	692,167	712,341	167.39	236,880	NA	657,680	562	658,242	169.14	0	NA	
28-Apr-21	27,400	YES	10,000	236,880	0	18,946	264	598,219	616,902	169.14	236,880	NA	694,750	3,722	698,472	166.78	0	NA	
29-Apr-21	25,900	YES	10,000	236,880	0	18,493	264	552,923	571,153	166.78	236,880	NA	556,980	219	557,199	167.03	0	NA	
30-Apr-21	24,800	YES	10,000	236,880	0	19,293	264	622,275	641,304	167.03	236,880	NA	557,820	20,688	578,508	169.07	0	NA	

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						Estimated Holtwood Inflow					Actual end-of-day		Actual Holtwood Outflow Volume				Carry-over Outflow Volume		
Report Date	Marietta Gage Flow (CFS)	Data Required? Based on Lake Level of 171 (Y OR N)	QFERC (CFS)	98.7% Conowingo Flow Volume (CFS-Hrs)	Prior Day Volume Deficit (CFS-Hrs)	Estimated Local Inflow (CFS-Hrs) (Conestoga/Pequea)	Estimated Lake Evaporation (CFS-Hrs)	Safe Harbor Actual Flow Volume (CFS-Hrs)	Total Inflow Volume (CFS-Hrs)	Beginning Day Holtwood Lake Level (Ft)	Required Outflow Volume (CFS-Hrs)	Lake Level not Higher Than (Ft)	Generation + PH leakage + Fish Lift (CFS-Hrs)	Spillway + Trash Sluice (CFS-Hrs)	Total Holtwood Outflow (CFS-Hrs)	End-of-Day Holtwood Lake Level (Ft)	Outflow Volume Requirement Governs (CFS-Hrs)	Lake Level Requirement Governs (CFS-Hrs)	Comments
01-May-21	23,400	YES	7,500	177,660	0	18,360	408	565,264	583,216	169.07	177,660	NA	648,655	6,611	655,266	166.45	0	NA	
02-May-21	26,400	YES	7,500	177,660	0	17,295	408	1,410,802	1,427,689	166.45	177,660	NA	884,525	569,500	1,454,025	170.59	0	NA	
03-May-21	80,300	YES	7,500	177,660	0	16,495	408	1,580,808	1,596,895	170.59	177,660	NA	1,215,855	380,578	1,596,433	170.09	0	NA	
04-May-21	73,226	YES	7,500	177,660	0	16,682	408	1,368,573	1,384,847	170.09	177,660	NA	1,330,340	26,008	1,356,348	168.95	0	NA	
05-May-21	61,100	YES	7,500	177,660	0	19,293	408	1,183,075	1,201,960	168.95	177,660	NA	1,222,190	3,820	1,226,010	167.06	0	NA	
06-May-21	51,600	YES	7,500	177,660	0	20,225	408	1,317,527	1,337,344	167.06	177,660	NA	1,319,730	354	1,320,084	166.67	0	NA	
07-May-21	63,700	YES	7,500	177,660	0	18,893	408	1,414,755	1,433,241	166.67	177,660	NA	1,303,140	13,413	1,316,553	168.74	0	NA	
08-May-21	63,600	YES	7,500	177,660	0	17,055	408	1,389,883	1,406,530	168.74	177,660	NA	1,395,630	6,651	1,402,281	167.51	0	NA	
09-May-21	63,300	YES	7,500	177,660	0	16,522	408	1,402,438	1,418,552	167.51	177,660	NA	1,377,760	6,698	1,384,458	167.33	0	NA	
10-May-21	61,300	YES	7,500	177,660	0	16,682	408	1,460,073	1,476,346	167.33	177,660	NA	1,355,360	590	1,355,950	169.34	0	NA	
11-May-21	61,600	YES	7,500	177,660	0	16,016	408	1,955,201	1,970,809	169.34	177,660	NA	1,335,990	143,020	1,479,010	171.07	0	NA	
12-May-21	-	NO	7,500	-	-	-	-	-	-	171.07	-	-	-	-	-	-	-	-	
13-May-21	-	NO	7,500	-	-	-	-	-	-	171.94	-	-	-	-	-	-	-	-	
14-May-21	-	NO	7,500	-	-	-	-	-	-	171.67	-	-	-	-	-	-	-	-	
15-May-21	-	NO	7,500	-	-	-	-	-	-	171.54	-	-	-	-	-	-	-	-	
16-May-21	63,000	YES	7,500	177,660	0	13,698	408	1,286,671	1,299,961	169.46	177,660	NA	945,350	7,851	953,201	168.94	0	NA	
17-May-21	52,400	YES	7,500	177,660	0	13,645	408	1,129,569	1,142,806	168.94	177,660	NA	677,410	84,825	762,235	171.06	0	NA	
18-May-21	-	NO	7,500	-	-	-	-	-	-	171.06	-	-	-	-	-	-	-	-	
19-May-21	40,700	YES	7,500	177,660	0	12,819	408	826,702	839,113	0.00	177,660	NA	508,535	3,787	512,322	169.32	0	NA	
20-May-21	35,300	YES	7,500	177,660	0	12,553	408	751,416	763,561	169.32	177,660	NA	515,110	718	515,828	169.13	0	NA	
21-May-21	31,800	YES	7,500	177,660	0	12,153	408	659,099	670,844	169.13	177,660	NA	576,860	3,773	580,633	168.97	0	NA	
22-May-21	28,400	YES	7,500	177,660	0	11,887	408	638,883	650,362	168.97	177,660	NA	632,935	6,774	639,709	169.69	0	NA	
23-May-21	25,700	YES	7,500	177,660	0	11,647	408	554,315	565,554	169.69	177,660	NA	545,075	6,797	551,872	169.29	0	NA	
24-May-21	23,400	YES	7,500	177,660	0	11,594	408	540,268	551,453	169.29	177,660	NA	691,030	715	691,745	165.07	0	NA	
25-May-21	21,600	YES	7,500	177,660	0	13,245	408	549,391	562,228	165.07	177,660	NA	580,510	29	580,539	164.29	0	NA	
26-May-21	20,100	YES	7,500	177,660	0	11,887	408	360,878	372,357	164.29	177,660	NA	387,370	12	387,382	163.92	0	NA	
27-May-21	19,600	YES	7,500	177,660	0	16,948	408	429,788	446,328	163.92	177,660	NA	304,125	434	304,559	168.99	0	NA	Piney weir put up
28-May-21	18,900	YES	7,500	177,660	0	22,037	408	437,734	459,362	168.99	177,660	NA	466,975	3,698	470,673	168.75	0	NA	
29-May-21	18,900	YES	7,500	177,660	0	19,692	408	456,042	475,326	168.75	177,660	NA	493,030	6,727	499,757	168.53	0	NA	
30-May-21	19,600	YES	7,500	177,660	0	43,269	408	521,280	564,141	168.54	177,660	NA	551,335	6,690	558,025	168.74	0	NA	
31-May-21	22,300	YES	7,500	177,660	0	21,744	408	558,749	580,084	168.74	177,660	NA	592,400	6,674	599,074	168.33	0	NA	

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						Estimated Holtwood Inflow					Actual end-of-day		Actual Holtwood Outflow Volume				Carry-over Outflow Volume		
Report Date	Marietta Gage Flow (CFS)	Data Required? Based on Lake Level of 171 (Y OR N)	QFERC (CFS)	98.7% Conowingo Flow Volume (CFS-Hrs)	Prior Day Volume Deficit (CFS-Hrs)	Estimated Local Inflow (CFS-Hrs) (Conestoga/Pequea)	Estimated Lake Evaporation (CFS-Hrs)	Safe Harbor Actual Flow Volume (CFS-Hrs)	Total Inflow Volume (CFS-Hrs)	Beginning Day Holtwood Lake Level (Ft)	Required Outflow Volume (CFS-Hrs)	Lake Level not Higher Than (Ft)	Generation + PH leakage + Fish Lift (CFS-Hrs)	Spillway + Trash Sluice (CFS-Hrs)	Total Holtwood Outflow (CFS-Hrs)	End-of-Day Holtwood Lake Level (Ft)	Outflow Volume Requirement Governs (CFS-Hrs)	Lake Level Requirement Governs (CFS-Hrs)	Comments
01-Jun-21	27,100	YES	7,500	177,660	0	18,920	480	785,689	804,129	168.33	177,660	NA	785,410	3,679	789,089	168.94	0	NA	
02-Jun-21	31,000	YES	7,500	177,660	0	16,682	480	708,408	724,610	168.94	177,660	NA	730,725	4,365	735,090	168.75	0	NA	
03-Jun-21	34,700	YES	7,500	177,660	0	11,700	480	798,316	809,536	168.75	177,660	NA	846,465	1,844	848,309	169.29	0	NA	
04-Jun-21	28,200	YES	7,500	177,660	0	129,689	480	528,642	657,850	169.29	177,660	NA	616,635	824	617,459	168.84	0	NA	
05-Jun-21	25,300	YES	7,500	177,660	0	35,623	480	567,379	602,522	168.84	177,660	NA	606,865	751	607,616	168.56	0	NA	
06-Jun-21	24,600	YES	7,500	177,660	0	20,758	480	610,857	631,135	168.56	177,660	NA	623,330	768	624,098	169.08	0	NA	
07-Jun-21	24,600	YES	7,500	177,660	0	19,319	480	580,247	599,086	169.08	177,660	NA	608,250	786	609,036	168.98	0	NA	
08-Jun-21	25,000	YES	7,500	177,660	0	17,534	480	632,918	649,973	168.98	177,660	NA	677,020	775	677,795	168.79	0	NA	
09-Jun-21	30,000	YES	7,500	177,660	0	26,406	480	620,621	646,547	168.79	177,660	NA	651,780	782	652,562	169.15	0	NA	
10-Jun-21	27,700	YES	7,500	177,660	0	39,805	480	551,643	590,969	169.15	177,660	NA	592,760	719	593,479	169.03	0	NA	
11-Jun-21	24,000	YES	7,500	177,660	0	28,670	480	548,636	576,826	169.03	177,660	NA	598,395	778	599,173	169.35	0	NA	
12-Jun-21	22,400	YES	7,500	177,660	0	55,203	480	561,546	616,270	169.35	177,660	NA	622,900	753	623,653	168.71	0	NA	
13-Jun-21	26,700	YES	7,500	177,660	0	23,875	480	605,772	629,166	168.71	177,660	NA	625,565	712	626,277	168.84	0	NA	
14-Jun-21	26,600	YES	7,500	177,660	0	19,985	480	594,065	613,570	168.84	177,660	NA	630,540	741	631,281	168.77	0	NA	
15-Jun-21	24,500	YES	7,500	177,660	0	18,866	480	558,938	577,324	168.77	177,660	NA	601,330	699	602,029	168.43	0	NA	
16-Jun-21	24,100	YES	5,000	118,440	0	17,801	480	534,063	551,383	168.43	118,440	NA	533,735	738	534,473	169.18	0	NA	
17-Jun-21	22,700	YES	5,000	118,440	0	16,895	480	544,444	560,859	169.18	118,440	NA	558,490	768	559,258	169.57	0	NA	
18-Jun-21	20,400	YES	5,000	118,440	0	15,883	480	367,272	382,675	169.57	118,440	NA	424,940	707	425,647	168.41	0	NA	
19-Jun-21	17,800	YES	5,000	118,440	0	15,084	480	381,535	396,138	168.41	118,440	NA	402,870	705	403,575	168.29	0	NA	
20-Jun-21	16,100	YES	5,000	118,440	0	15,084	480	336,651	351,255	168.29	118,440	NA	341,780	714	342,494	168.94	0	NA	
21-Jun-21	14,800	YES	5,000	118,440	0	15,377	480	330,905	345,802	168.94	118,440	NA	350,540	713	351,253	169.15	0	NA	
22-Jun-21	15,100	YES	5,000	118,440	0	15,456	480	398,412	413,388	169.15	118,440	NA	432,435	815	433,250	169.06	0	NA	
23-Jun-21	16,300	YES	5,000	118,440	0	16,495	480	362,431	378,446	169.06	118,440	NA	377,580	828	378,408	169.21	0	NA	
24-Jun-21	15,400	YES	5,000	118,440	0	14,657	480	362,549	376,726	169.21	118,440	NA	417,445	790	418,235	168.19	0	NA	
25-Jun-21	16,000	YES	5,000	118,440	0	13,698	480	316,863	330,081	168.19	118,440	NA	317,000	705	317,705	169.02	0	NA	
26-Jun-21	15,200	YES	5,000	118,440	0	46,838	480	338,329	384,687	169.02	118,440	NA	379,875	787	380,662	168.52	0	NA	
27-Jun-21	13,900	YES	5,000	118,440	0	12,659	480	296,141	308,321	168.52	118,440	NA	310,960	743	311,703	168.70	0	NA	
28-Jun-21	13,600	YES	5,000	118,440	0	12,420	480	265,532	277,472	168.70	118,440	NA	280,365	680	281,045	168.81	0	NA	
29-Jun-21	12,500	YES	5,000	118,440	0	11,993	480	221,465	232,978	168.81	118,440	NA	239,010	724	239,734	168.86	0	NA	
30-Jun-21	11,300	YES	5,000	118,440	0	11,540	480	282,013	293,073	168.86	118,440	NA	302,560	822	303,382	169.01	0	NA	

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						Estimated Holtwood Inflow					Actual end-of-day		Actual Holtwood Outflow Volume				Carry-over Outflow Volume		
Report Date	Marietta Gage Flow (CFS)	Data Required? Based on Lake Level of 171 (Y OR N)	QFERC (CFS)	98.7% Conowingo Flow Volume (CFS-Hrs)	Prior Day Volume Deficit (CFS-Hrs)	Estimated Local Inflow (CFS-Hrs) (Conestoga/Pequea)	Estimated Lake Evaporation (CFS-Hrs)	Safe Harbor Actual Flow Volume (CFS-Hrs)	Total Inflow Volume (CFS-Hrs)	Beginning Day Holtwood Lake Level (Ft)	Required Outflow Volume (CFS-Hrs)	Lake Level not Higher Than (Ft)	Generation + PH leakage + Fish Lift (CFS-Hrs)	Spillway + Trash Sluice (CFS-Hrs)	Total Holtwood Outflow (CFS-Hrs)	End-of-Day Holtwood Lake Level (Ft)	Outflow Volume Requirement Governs (CFS-Hrs)	Lake Level Requirement Governs (CFS-Hrs)	Comments
01-Jul-21	10,500	YES	5,000	118,440	0	11,114	480	205,472	216,106	169.01	118,440	NA	231,390	746	232,136	168.61	0	NA	
02-Jul-21	10,100	YES	5,000	118,440	0	11,381	480	234,159	245,059	168.61	118,440	NA	246,770	755	247,525	169.07	0	NA	
03-Jul-21	10,900	YES	5,000	118,440	0	20,385	480	269,339	289,244	169.07	118,440	NA	307,880	786	308,666	168.42	0	NA	
04-Jul-21	11,600	YES	5,000	118,440	0	16,176	480	312,034	327,730	168.42	118,440	NA	318,630	753	319,383	168.94	0	NA	
05-Jul-21	13,400	YES	5,000	118,440	0	14,311	480	413,581	427,412	168.94	118,440	NA	450,305	742	451,047	168.43	0	NA	
06-Jul-21	21,500	YES	5,000	118,440	0	13,059	480	559,527	572,106	168.43	118,440	NA	555,160	766	555,926	168.75	0	NA	
07-Jul-21	23,700	YES	5,000	118,440	0	11,913	480	517,537	528,971	168.75	118,440	NA	527,685	812	528,497	168.93	0	NA	
08-Jul-21	20,300	YES	5,000	118,440	0	11,460	480	431,125	442,106	168.93	118,440	NA	441,960	835	442,795	168.78	0	NA	
09-Jul-21	18,300	YES	5,000	118,440	0	10,794	480	407,125	417,440	168.78	118,440	NA	661,730	780	662,510	168.99	0	NA	
10-Jul-21	18,800	YES	5,000	118,440	0	17,668	480	454,551	471,738	168.99	118,440	NA	482,930	774	483,704	168.93	0	NA	
11-Jul-21	19,200	YES	5,000	118,440	0	14,737	480	492,124	506,381	168.93	118,440	NA	516,475	751	517,226	169.12	0	NA	
12-Jul-21	26,300	YES	5,000	118,440	0	13,672	480	732,895	746,087	169.12	118,440	NA	775,580	759	776,339	169.07	0	NA	
13-Jul-21	33,600	YES	5,000	118,440	0	100,651	480	779,848	880,020	169.07	118,440	NA	830,390	3,761	834,151	169.02	0	NA	
14-Jul-21	35,800	YES	5,000	118,440	0	44,627	480	1,196,491	1,240,638	169.02	118,440	NA	1,147,080	4,488	1,151,568	170.36	0	NA	
15-Jul-21	82,700	YES	5,000	118,440	0	19,053	480	1,954,519	1,973,092	170.36	118,440	NA	1,331,425	503,141	1,834,566	171.10	0	NA	
16-Jul-21	-	NO	5,000	-	0	-	-	-	-	171.10	-	-	-	-	-	-	-	-	
17-Jul-21	67,400	YES	5,000	118,440	0	14,631	480	1,475,592	1,489,742	169.16	118,440	NA	1,379,290	42,503	1,421,793	168.78	0	NA	
18-Jul-21	63,500	YES	5,000	118,440	0	30,934	480	1,431,754	1,462,209	168.78	118,440	NA	1,218,190	88,305	1,306,495	170.22	0	NA	
19-Jul-21	59,300	YES	5,000	118,440	0	17,854	480	1,369,195	1,386,569	170.22	118,440	NA	1,247,010	78,596	1,325,606	168.96	0	NA	
20-Jul-21	62,800	YES	5,000	118,440	0	14,924	480	1,782,043	1,796,486	168.96	118,440	NA	1,249,520	217,558	1,467,077	171.83	0	NA	
21-Jul-21	-	NO	5,000	-	0	-	-	-	-	171.83	-	-	-	-	-	-	-	-	
22-Jul-21	72,500	YES	5,000	118,440	0	15,829	480	1,435,414	1,450,763	170.91	118,440	NA	1,342,450	77,885	1,420,335	168.36	0	NA	
23-Jul-21	57,000	YES	5,000	118,440	0	14,604	480	1,318,540	1,332,664	168.36	118,440	NA	1,286,100	2,986	1,289,086	168.62	0	NA	
24-Jul-21	58,300	YES	5,000	118,440	0	12,766	480	1,237,602	1,249,888	168.62	118,440	NA	1,238,780	3,828	1,242,608	168.42	0	NA	
25-Jul-21	50,500	YES	5,000	118,440	0	11,860	480	1,009,117	1,020,497	168.42	118,440	NA	989,695	3,716	993,411	168.55	0	NA	
26-Jul-21	39,700	YES	5,000	118,440	0	18,600	480	767,052	785,172	168.55	118,440	NA	764,885	1,699	766,584	169.55	0	NA	
27-Jul-21	30,700	YES	5,000	118,440	0	11,247	480	626,462	637,230	169.55	118,440	NA	672,035	783	672,818	168.70	0	NA	
28-Jul-21	28,900	YES	5,000	118,440	0	10,555	480	556,161	566,236	168.70	118,440	NA	575,280	799	576,079	168.76	0	NA	
29-Jul-21	22,800	YES	5,000	118,440	0	10,555	480	475,625	485,700	168.76	118,440	NA	511,440	792	512,232	168.24	0	NA	
30-Jul-21	20,500	YES	5,000	118,440	0	10,208	480	466,427	476,156	168.24	118,440	NA	461,975	689	462,664	168.81	0	NA	
31-Jul-21	19,800	YES	5,000	118,440	0	9,835	480	447,761	457,116	168.81	118,440	NA	473,065	771	473,836	168.74	0	NA	

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						Estimated Holtwood Inflow					Actual end-of-day		Actual Holtwood Outflow Volume				Carry-over Outflow Volume		
Report Date	Marietta Gage Flow (CFS)	Data Required? Based on Lake Level of 171 (Y OR N)	QFERC (CFS)	98.7% Conowingo Flow Volume (CFS-Hrs)	Prior Day Volume Deficit (CFS-Hrs)	Estimated Local Inflow (CFS-Hrs) (Conestoga/Pequea)	Estimated Lake Evaporation (CFS-Hrs)	Safe Harbor Actual Flow Volume (CFS-Hrs)	Total Inflow Volume (CFS-Hrs)	Beginning Day Holtwood Lake Level (Ft)	Required Outflow Volume (CFS-Hrs)	Lake Level not Higher Than (Ft)	Generation + PH leakage + Fish Lift (CFS-Hrs)	Spillway + Trash Sluice (CFS-Hrs)	Total Holtwood Outflow (CFS-Hrs)	End-of-Day Holtwood Lake Level (Ft)	Outflow Volume Requirement Governs (CFS-Hrs)	Lake Level Requirement Governs (CFS-Hrs)	Comments
01-Aug-21	19,800	YES	5,000	118,440	0	9,409	408	445,128	454,129	168.74	118,440	NA	454,435	713	455,148	168.93	0	NA	
02-Aug-21	20,500	YES	5,000	118,440	0	9,436	408	520,227	529,254	168.93	118,440	NA	520,510	791	521,301	169.25	0	NA	
03-Aug-21	20,300	YES	5,000	118,440	0	12,553	408	438,182	450,327	169.25	118,440	NA	454,390	769	455,159	168.83	0	NA	
04-Aug-21	18,100	YES	5,000	118,440	0	11,008	408	383,995	394,595	168.83	118,440	NA	411,960	814	412,774	168.84	0	NA	
05-Aug-21	17,600	YES	5,000	118,440	0	9,995	408	400,891	410,478	168.84	118,440	NA	410,605	762	411,367	169.31	0	NA	
06-Aug-21	16,400	YES	5,000	118,440	0	9,436	408	402,568	411,596	169.31	118,440	NA	449,980	728	450,708	168.31	0	NA	
07-Aug-21	16,400	YES	5,000	118,440	0	9,010	408	343,984	352,586	168.31	118,440	NA	341,915	719	342,634	168.94	0	NA	
08-Aug-21	14,700	YES	5,000	118,440	0	8,610	408	304,016	312,218	168.94	118,440	NA	334,180	749	334,929	168.51	0	NA	
09-Aug-21	13,400	YES	5,000	118,440	0	8,370	408	311,681	319,643	168.51	118,440	NA	306,275	727	307,002	168.90	0	NA	
10-Aug-21	12,100	YES	5,000	118,440	0	8,210	408	237,867	245,670	168.90	118,440	NA	260,630	798	261,428	168.44	0	NA	
11-Aug-21	11,100	YES	5,000	118,440	0	29,149	408	282,533	311,274	168.44	118,440	NA	310,390	1,780	312,170	168.43	0	NA	
12-Aug-21	12,000	YES	5,000	118,440	0	31,467	408	305,678	336,737	168.43	118,440	NA	317,350	1,487	318,837	168.99	0	NA	
13-Aug-21	11,700	YES	5,000	118,440	0	22,623	408	241,278	263,493	168.99	118,440	NA	281,630	748	282,378	168.51	0	NA	
14-Aug-21	12,700	YES	5,000	118,440	0	13,698	408	247,336	260,627	168.51	118,440	NA	271,980	685	272,665	168.10	0	NA	
15-Aug-21	11,800	YES	5,000	118,440	0	11,754	408	298,085	309,431	168.10	118,440	NA	261,380	7,022	268,402	0.00	0	NA	
16-Aug-21	11,500	YES	5,000	118,440	0	10,368	408	226,644	236,604	169.39	118,440	NA	254,760	743	255,503	168.90	0	NA	
17-Aug-21	11,000	YES	5,000	118,440	0	9,782	408	278,902	288,276	168.90	118,440	NA	304,430	813	305,243	168.64	0	NA	
18-Aug-21	10,600	YES	5,000	118,440	0	9,614	408	269,516	278,722	168.64	118,440	NA	288,900	759	289,659	169.13	0	NA	
19-Aug-21	15,700	YES	5,000	118,440	0	93,458	408	767,473	860,523	169.13	118,440	NA	920,865	811	921,676	168.81	0	NA	
20-Aug-21	33,900	YES	5,000	118,440	0	54,804	408	1,024,423	1,078,818	168.81	118,440	NA	1,000,425	3,427	1,003,852	170.21	0	NA	
21-Aug-21	61,600	YES	5,000	118,440	0	21,744	408	1,693,897	1,715,232	170.21	118,440	NA	1,183,310	384,512	1,567,822	171.43	0	NA	
22-Aug-21	88,600	NO	5,000	-	-	-	-	-	-	171.43	-	-	-	-	-	-	-	-	
23-Aug-21	69,600	NO	5,000	-	-	-	-	-	-	171.96	-	-	-	-	-	-	-	-	
24-Aug-21	54,200	YES	5,000	118,440	0	62,343	408	1,340,774	1,402,709	170.24	118,440	NA	1,138,770	118,280	1,257,050	169.89	0	NA	
25-Aug-21	57,800	YES	5,000	118,440	0	23,582	408	1,322,723	1,345,897	168.89	118,440	NA	1,239,705	63,389	1,303,094	168.60	0	NA	
26-Aug-21	61,490	YES	5,000	118,440	0	20,944	408	1,111,936	1,132,472	168.60	118,440	NA	1,108,985	1,709	1,110,694	168.86	0	NA	
27-Aug-21	50,000	YES	5,000	118,440	0	17,827	408	892,644	910,063	168.86	118,440	NA	917,035	3,729	920,764	168.88	0	NA	
28-Aug-21	39,900	YES	5,000	118,440	0	49,023	408	761,690	810,305	168.88	118,440	NA	783,315	3,774	787,089	168.93	0	NA	
29-Aug-21	33,000	YES	5,000	118,440	0	51,314	408	693,435	744,341	168.93	118,440	NA	728,840	1,748	730,588	0.00	0	NA	
30-Aug-21	28,400	YES	5,000	118,440	0	20,198	408	640,410	660,200	168.30	118,440	NA	670,640	759	671,399	167.96	0	NA	
31-Aug-21	26,300	YES	5,000	118,440	0	17,375	408	596,549	613,516	167.96	118,440	NA	583,295	741	584,036	168.63	0	NA	

September 2021 Minimum Flow Report for Holtwood Hydroelectric Project-FERC Project No. 1881-054 PA

						Estimated Holtwood Inflow					Actual end-of-day		Actual Holtwood Outflow Volume				Carry-over Outflow Volume		
Report Date	Marietta Gage Flow (CFS)	Data Required? Based on Lake Level of 171 (Y OR N)	QFERC (CFS)	98.7% Conowingo Flow Volume (CFS-Hrs)	Prior Day Volume Deficit (CFS-Hrs)	Estimated Local Inflow (CFS-Hrs) (Conestoga/Pequea)	Estimated Lake Evaporation (CFS-Hrs)	Safe Harbor Actual Flow Volume (CFS-Hrs)	Total Inflow Volume (CFS-Hrs)	Beginning Day Holtwood Lake Level (Ft)	Required Outflow Volume (CFS-Hrs)	Lake Level not Higher Than (Ft)	Generation + PH leakage + Fish Lift (CFS-Hrs)	Spillway + Trash Sluice (CFS-Hrs)	Total Holtwood Outflow (CFS-Hrs)	End-of-Day Holtwood Lake Level (Ft)	Outflow Volume Requirement Governs (CFS-Hrs)	Lake Level Requirement Governs (CFS-Hrs)	Comments
01-Sep-21	25,500	YES	5,000	118,440	0	16,309	312	1,306,584	1,322,581	168.63	118,440	NA	933,485	153,804	1,087,289	172.90	0	NA	Flashboard damage
02-Sep-21	-	NO	5,000	-	-	-	-	-	-	172.90	-	-	-	-	-	-	-	-	Flashboard damage
03-Sep-21	-	NO	5,000	-	-	-	-	-	-	173.60	-	-	-	-	-	-	-	-	Flashboard damage
04-Sep-21	-	NO	5,000	-	-	-	-	-	-	171.49	-	-	-	-	-	-	-	-	Flashboard damage
05-Sep-21	87,000	YES	5,000	118,440	0	46,146	312	1,708,379	1,754,213	168.15	118,440	NA	1,239,875	54,719	1,294,594	167.82	0	NA	Flashboard damage
06-Sep-21	70,900	YES	5,000	118,440	0	41,324	312	1,384,988	1,426,000	167.82	118,440	NA	916,855	550,224	1,467,079	167.93	0	NA	Flashboard damage
07-Sep-21	59,600	YES	5,000	118,440	0	34,877	312	1,290,977	1,325,542	167.93	118,440	NA	1,000,755	530,547	1,531,302	165.20	0	NA	Flashboard damage
08-Sep-21	52,100	YES	5,000	118,440	0	30,188	312	1,087,282	1,117,159	165.20	118,440	NA	1,046,200	131	1,046,331	165.04	0	NA	Flashboard damage
09-Sep-21	47,700	YES	5,000	118,440	0	30,455	312	1,187,147	1,217,290	165.04	118,440	NA	1,152,070	101,636	1,253,706	163.96	0	NA	Flashboard damage
10-Sep-21	51,200	YES	5,000	118,440	0	61,863	312	1,063,748	1,125,300	163.96	118,440	NA	1,054,615	27	1,054,642	164.13	0	NA	Spillway watering not met
11-Sep-21	42,600	YES	5,000	118,440	0	35,170	312	911,020	945,878	164.33	118,440	NA	918,350	38	918,388	163.87	0	NA	Spillway watering not met
12-Sep-21	36,800	YES	5,000	118,440	0	29,682	312	770,847	800,218	163.87	118,440	NA	754,010	24	754,034	163.98	0	NA	Spillway watering not met
13-Sep-21	31,600	YES	5,000	118,440	0	26,858	312	685,763	712,309	163.96	118,440	NA	683,980	30	684,010	164.51	0	NA	Spillway watering not met
14-Sep-21	28,000	YES	5,000	118,440	0	24,674	312	623,080	647,442	164.51	118,440	NA	639,505	42	639,547	164.33	0	NA	Flashboard damage
15-Sep-21	24,900	YES	3,500	82,908	0	23,289	312	550,490	573,466	164.33	82,908	NA	576,210	31	576,241	164.25	0	NA	Flashboard damage
16-Sep-21	26,300	YES	3,500	82,908	0	21,744	312	577,057	598,489	164.25	82,908	NA	508,345	71	508,416	167.15	0	NA	Flashboards replaced
17-Sep-21	25,600	YES	3,500	82,908	0	27,471	312	748,057	775,216	167.15	82,908	NA	678,340	747	679,087	168.67	0	NA	
18-Sep-21	34,800	YES	3,500	82,908	0	20,571	312	738,168	758,427	168.67	82,908	NA	741,020	3,102	744,122	168.75	0	NA	
19-Sep-21	33,300	YES	3,500	82,908	0	19,666	312	740,472	759,826	168.75	82,908	NA	732,645	2,244	734,889	169.14	0	NA	
20-Sep-21	31,500	YES	3,500	82,908	0	18,334	312	712,538	730,560	169.14	82,908	NA	752,540	1,720	754,260	168.41	0	NA	
21-Sep-21	31,000	YES	3,500	82,908	0	17,375	312	689,498	706,561	168.41	82,908	NA	723,365	696	724,061	167.25	0	NA	
22-Sep-21	26,500	YES	3,500	82,908	0	14,844	312	551,131	565,662	167.25	82,908	NA	574,630	364	574,994	166.90	0	NA	
23-Sep-21	24,800	YES	3,500	82,908	0	16,788	312	1,024,631	1,041,107	166.90	82,908	NA	897,830	31,133	928,963	171.55	0	NA	
24-Sep-21	-	NO	3,500	-	-	-	-	-	-	171.55	-	-	-	-	-	-	-	-	
25-Sep-21	-	NO	3,500	-	-	-	-	-	-	173.64	-	-	-	-	-	-	-	-	
26-Sep-21	-	NO	3,500	-	-	-	-	-	-	172.51	-	-	-	-	-	-	-	-	
27-Sep-21	-	NO	3,500	-	-	-	-	-	-	172.19	-	-	-	-	-	-	-	-	
28-Sep-21	80,500	YES	3,500	82,908	0	20,518	312	1,581,972	1,602,178	170.05	82,908	NA	1,224,940	231,076	1,456,016	169.79	0	NA	
29-Sep-21	64,300	YES	3,500	82,908	0	19,532	312	1,316,992	1,336,212	169.79	82,908	NA	1,152,470	87,375	1,239,845	168.30	0	NA	
30-Sep-21	54,300	YES	3,500	82,908	0	19,000	312	1,109,653	1,128,341	168.30	82,908	NA	1,099,830	2,343	1,102,173	167.83	0	NA	

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						Estimated Holtwood Inflow					Actual end-of-day		Actual Holtwood Outflow Volume				Carry-over Outflow Volume		
Report Date	Marietta Gage Flow (CFS)	Data Required? Based on Lake Level of 171 (Y OR N)	QFERC (CFS)	98.7% Conowingo Flow Volume (CFS-Hrs)	Prior Day Volume Deficit (CFS-Hrs)	Estimated Local Inflow (CFS-Hrs) (Conestoga/Pequea)	Estimated Lake Evaporation (CFS-Hrs)	Safe Harbor Actual Flow Volume (CFS-Hrs)	Total Inflow Volume (CFS-Hrs)	Beginning Day Holtwood Lake Level (Ft)	Required Outflow Volume (CFS-Hrs)	Lake Level not Higher Than (Ft)	Generation + PH leakage + Fish Lift (CFS-Hrs)	Spillway + Trash Sluice (CFS-Hrs)	Total Holtwood Outflow (CFS-Hrs)	End-of-Day Holtwood Lake Level (Ft)	Outflow Volume Requirement Governs (CFS-Hrs)	Lake Level Requirement Governs (CFS-Hrs)	Comments
01-Oct-21	50,300	YES	3,500	82,908	0	17,774	216	954,534	972,092	167.83	82,908	NA	970,885	3,463	974,348	167.20	0	NA	
02-Oct-21	39,600	YES	3,500	82,908	0	17,375	216	844,646	861,804	167.20	82,908	NA	850,330	11,401	861,731	166.84	0	NA	
03-Oct-21	34,200	YES	3,500	82,908	0	16,815	216	766,469	783,068	166.84	82,908	NA	749,965	13,646	763,611	167.16	0	NA	
04-Oct-21	30,300	YES	3,500	82,908	0	18,440	216	652,051	670,275	167.16	82,908	NA	663,320	2,398	665,718	166.82	0	NA	
05-Oct-21	27,800	YES	3,500	82,908	0	15,004	216	694,246	709,034	167.16	82,908	NA	717,860	359	718,219	166.77	0	NA	
06-Oct-21	34,900	YES	3,500	82,908	0	23,022	216	966,716	989,522	166.77	82,908	NA	985,520	359	985,879	166.01	0	NA	
07-Oct-21	48,100	YES	3,500	82,908	0	17,428	216	1,075,754	1,092,966	166.01	82,908	NA	1,111,410	243	1,111,653	165.14	0	NA	
08-Oct-21	44,900	YES	3,500	82,908	0	16,522	216	1,273,718	1,290,024	165.14	82,908	NA	1,124,280	2,683	1,126,963	168.84	0	NA	
09-Oct-21	52,100	YES	3,500	82,908	0	15,909	216	1,057,114	1,072,808	168.84	82,908	NA	1,064,820	8,547	1,073,367	167.89	0	NA	
10-Oct-21	44,200	YES	3,500	82,908	0	15,217	216	871,935	886,936	167.89	82,908	NA	859,840	8,533	868,373	168.07	0	NA	
11-Oct-21	37,300	YES	3,500	82,908	0	14,817	216	826,129	840,730	168.02	82,908	NA	883,180	284	883,464	166.32	0	NA	
12-Oct-21	31,900	YES	3,500	82,908	0	14,418	216	652,168	666,369	166.32	82,908	NA	622,260	294	622,554	166.99	0	NA	
13-Oct-21	28,900	YES	3,500	82,908	0	14,364	216	640,352	654,500	166.99	82,908	NA	678,825	232	679,057	166.29	0	NA	
14-Oct-21	26,100	YES	3,500	82,908	0	13,831	216	528,458	542,074	166.29	82,908	NA	489,435	205	489,640	167.43	0	NA	
15-Oct-21	23,900	YES	3,500	82,908	0	13,458	216	529,946	543,189	167.43	82,908	NA	540,480	3,441	543,921	167.00	0	NA	
16-Oct-21	23,000	YES	3,500	82,908	0	13,192	216	509,652	522,628	167.00	82,908	NA	497,385	7,316	504,701	167.59	0	NA	
17-Oct-21	21,200	YES	3,500	82,908	0	19,426	216	426,113	445,323	167.59	82,908	NA	445,560	7,276	452,836	167.12	0	NA	
18-Oct-21	20,500	YES	3,500	82,908	0	16,575	216	543,625	559,985	167.12	82,908	NA	567,495	337	567,832	166.57	0	NA	
19-Oct-21	22,200	YES	3,500	82,908	0	13,405	216	840,746	853,935	166.57	82,908	NA	762,450	461	762,911	168.56	0	NA	
20-Oct-21	23,800	YES	3,500	82,908	0	16,389	216	863,054	879,227	168.56	82,908	NA	917,290	379	917,669	166.50	0	NA	
21-Oct-21	38,300	YES	3,500	82,908	0	15,243	216	847,268	862,296	166.50	82,908	NA	744,550	302	744,852	169.78	0	NA	
22-Oct-21	36,100	YES	3,500	82,908	0	15,137	216	473,064	487,984	169.78	82,908	NA	514,930	11,799	526,729	167.52	0	NA	
23-Oct-21	34,300	YES	3,500	82,908	0	12,233	216	683,916	695,933	167.52	82,908	NA	701,495	5,524	707,019	166.80	0	NA	
24-Oct-21	31,100	YES	3,500	82,908	0	11,700	216	681,286	692,770	166.80	82,908	NA	647,045	5,530	652,575	167.69	0	NA	
25-Oct-21	28,900	YES	3,500	82,908	0	11,594	216	672,949	684,327	167.69	82,908	NA	741,085	289	741,374	166.21	0	NA	
26-Oct-21	33,400	YES	3,500	82,908	0	19,799	216	772,682	792,264	166.21	82,908	NA	778,475	321	778,796	166.32	0	NA	
27-Oct-21	31,400	YES	3,500	82,908	0	41,564	216	734,517	775,865	166.32	82,908	NA	602,500	31,311	633,811	168.89	0	NA	
28-Oct-21	31,000	YES	3,500	82,908	0	22,090	216	1,587,978	1,609,852	168.89	82,908	NA	823,580	187,429	1,011,009	171.67	0	NA	
29-Oct-21	-	NO	3,500	-	-	-	-	-	-	171.67	-	-	-	-	-	-	-	-	
30-Oct-21	-	NO	3,500	-	-	-	-	-	-	173.24	-	-	-	-	-	-	-	-	
31-Oct-21	-	NO	3,500	-	-	-	-	-	-	172.75	-	-	-	-	-	-	-	-	

November 2021 Minimum Flow Report for Holtwood Hydroelectric Project-FERC Project No. 1881-054 PA

						Estimated Holtwood Inflow					Actual end-of-day		Actual Holtwood Outflow Volume				Carry-over Outflow Volume		
Report Date	Marietta Gage Flow (CFS)	Data Required? Based on Lake Level of 171 (Y OR N)	QFERC (CFS)	98.7% Conowingo Flow Volume (CFS-Hrs)	Prior Day Volume Deficit (CFS-Hrs)	Estimated Local Inflow (CFS-Hrs) (Conestoga/Pequea)	Estimated Lake Evaporation (CFS-Hrs)	Safe Harbor Actual Flow Volume (CFS-Hrs)	Total Inflow Volume (CFS-Hrs)	Beginning Day Holtwood Lake Level (Ft)	Required Outflow Volume (CFS-Hrs)	Lake Level not Higher Than (Ft)	Generation + PH leakage + Fish Lift (CFS-Hrs)	Spillway + Trash Sluice (CFS-Hrs)	Total Holtwood Outflow (CFS-Hrs)	End-of-Day Holtwood Lake Level (Ft)	Outflow Volume Requirement Governs (CFS-Hrs)	Lake Level Requirement Governs (CFS-Hrs)	Comments
01-Nov-21	-	NO	3,500	-	-	-	-	-	-	173.52	-	-	-	-	-	-	-	-	
02-Nov-21	-	NO	3,500	-	-	-	-	-	-	173.68	-	-	-	-	-	-	-	-	
03-Nov-21	-	NO	3,500	-	-	-	-	-	-	172.11	-	-	-	-	-	-	-	-	
04-Nov-21	-	NO	3,500	-	-	-	-	-	-	171.17	-	-	-	-	-	-	-	-	
05-Nov-21	-	NO	3,500	-	-	-	-	-	-	171.05	-	-	-	-	-	-	-	-	
06-Nov-21	62,500	YES	3,500	86,363	0	19,070	0	1,361,861	1,380,931	170.27	86,363	NA	971,285	173,352	1,144,637	170.12	0	NA	
07-Nov-21	55,300	YES	3,500	82,908	0	17,561	0	1,205,992	1,223,553	170.12	82,908	NA	915,640	109,550	1,025,190	169.06	0	NA	
08-Nov-21	48,300	YES	3,500	82,908	0	17,055	0	1,053,757	1,070,812	169.06	82,908	NA	841,850	51,288	893,138	169.22	0	NA	
09-Nov-21	43,300	YES	3,500	82,908	0	16,495	0	962,127	978,623	169.22	82,908	NA	884,570	55,237	939,807	167.48	0	NA	
10-Nov-21	38,700	YES	3,500	82,908	0	15,776	0	811,364	827,140	167.48	82,908	NA	857,940	253	858,193	166.28	0	NA	
11-Nov-21	35,600	YES	3,500	82,908	0	15,190	0	804,032	819,222	166.28	82,908	NA	843,350	280	843,630	165.27	0	NA	
12-Nov-21	33,000	YES	3,500	82,908	0	14,737	0	765,687	780,424	165.27	82,908	NA	760,605	296	760,901	166.84	0	NA	
13-Nov-21	39,700	YES	3,500	82,908	0	71,800	0	1,505,255	1,577,055	166.84	82,908	NA	942,180	201,814	1,143,994	171.94	0	NA	
14-Nov-21	-	NO	3,500	-	-	-	-	-	-	171.94	-	-	-	-	-	-	-	-	
15-Nov-21	-	NO	3,500	-	-	-	-	-	-	172.32	-	-	-	-	-	-	-	-	
16-Nov-21	-	NO	3,500	-	-	-	-	-	-	171.83	-	-	-	-	-	-	-	-	
17-Nov-21	-	NO	3,500	-	-	-	-	-	-	171.32	-	-	-	-	-	-	-	-	
18-Nov-21	58,400	YES	3,500	82,908	0	17,215	0	1,288,759	1,305,973	169.82	82,908	NA	991,210	132,365	1,123,575	169.52	0	NA	
19-Nov-21	56,100	YES	3,500	82,908	0	17,241	0	1,080,061	1,097,303	169.52	82,908	NA	992,090	54,230	1,046,320	167.42	0	NA	
20-Nov-21	50,700	YES	3,500	82,908	0	16,655	0	1,100,284	1,116,939	167.42	82,908	NA	976,470	44,339	1,020,809	168.00	0	NA	
21-Nov-21	46,700	YES	3,500	82,908	0	15,590	0	948,656	964,246	168.00	82,908	NA	917,620	23,106	940,726	167.33	0	NA	
22-Nov-21	42,300	YES	3,500	82,908	0	15,323	0	963,856	979,179	167.33	82,908	NA	939,970	4,345	944,315	167.54	0	NA	
23-Nov-21	41,000	YES	3,500	82,908	0	15,936	0	918,128	934,064	167.54	82,908	NA	965,885	174	966,059	166.42	0	NA	
24-Nov-21	39,600	YES	3,500	82,908	0	15,377	0	887,691	903,067	166.42	82,908	NA	902,745	267	903,012	166.45	0	NA	
25-Nov-21	36,800	YES	3,500	82,908	0	14,391	0	798,180	812,570	166.45	82,908	NA	779,260	212	779,472	166.82	0	NA	
26-Nov-21	34,400	YES	3,500	82,908	0	13,778	0	743,157	756,935	166.82	82,908	NA	746,610	322	746,932	167.01	0	NA	
27-Nov-21	32,500	YES	3,500	82,908	0	13,405	0	735,192	748,597	167.01	82,908	NA	749,730	358	750,088	167.17	0	NA	
28-Nov-21	31,000	YES	3,500	82,908	0	13,192	0	700,071	713,263	167.17	82,908	NA	705,700	403	706,103	167.25	0	NA	
29-Nov-21	29,500	YES	3,500	82,908	0	12,846	0	589,922	602,768	167.25	82,908	NA	580,400	426	580,826	168.36	0	NA	
30-Nov-21	28,900	YES	3,500	82,908	0	12,659	0	699,154	711,814	168.36	82,908	NA	761,935	449	762,384	166.79	0	NA	

December 2021 Minimum Flow Report for Holtwood Hydroelectric Project-FERC Project No. 1881-054 PA

						Estimated Holtwood Inflow					Actual end-of-day		Actual Holtwood Outflow Volume				Carry-over Outflow Volume		
Report Date	Marietta Gage Flow (CFS)	Data Required? Based on Lake Level of 171 (Y OR N)	QFERC (CFS)	98.7% Conowingo Flow Volume (CFS-Hrs)	Prior Day Volume Deficit (CFS-Hrs)	Estimated Local Inflow (CFS-Hrs) (Conestoga/Pequea)	Estimated Lake Evaporation (CFS-Hrs)	Safe Harbor Actual Flow Volume (CFS-Hrs)	Total Inflow Volume (CFS-Hrs)	Beginning Day Holtwood Lake Level (Ft)	Required Outflow Volume (CFS-Hrs)	Lake Level not Higher Than (Ft)	Generation + PH leakage + Fish Lift (CFS-Hrs)	Spillway + Trash Sluice (CFS-Hrs)	Total Holtwood Outflow (CFS-Hrs)	End-of-Day Holtwood Lake Level (Ft)	Outflow Volume Requirement Governs (CFS-Hrs)	Lake Level Requirement Governs (CFS-Hrs)	Comments
01-Dec-21	28,800	YES	3,500	82,908	0	12,499	0	677,004	689,503	166.79	82,908	NA	732,835	275	733,110	165.77	0	NA	
02-Dec-21	27,700	YES	3,500	82,908	0	12,313	0	609,053	621,366	165.77	82,908	NA	605,750	360	606,110	166.25	0	NA	
03-Dec-21	27,700	YES	3,500	82,908	0	12,313	0	549,681	561,994	166.25	82,908	NA	525,895	246	526,141	167.43	0	NA	
04-Dec-21	24,700	YES	3,500	82,908	0	12,206	0	593,820	606,026	167.43	82,908	NA	620,910	274	621,184	167.24	0	NA	
05-Dec-21	24,500	YES	3,500	82,908	0	11,913	0	574,416	586,329	167.24	82,908	NA	614,040	415	614,455	166.73	0	NA	
06-Dec-21	35,100	YES	3,500	82,908	0	11,514	0	616,794	628,308	166.73	82,908	NA	635,765	215	635,980	166.14	0	NA	
07-Dec-21	27,700	YES	3,500	82,908	0	11,407	0	596,264	607,672	166.14	41,454	NA	567,760	2,101	569,861	167.52	0	NA	
08-Dec-21	27,500	YES	3,500	82,908	0	13,032	0	611,177	624,209	167.52	41,454	NA	608,925	3,231	612,156	168.36	0	NA	
09-Dec-21	26,400	YES	3,500	82,908	0	12,766	0	595,172	607,938	168.36	41,454	NA	625,210	386	625,596	168.00	0	NA	
10-Dec-21	26,000	YES	3,500	82,908	0	12,659	0	594,371	607,030	168.00	41,454	NA	652,470	378	652,848	166.60	0	NA	
11-Dec-21	25,990	YES	3,500	82,908	0	12,473	0	638,363	650,836	166.60	41,454	NA	640,550	413	640,963	167.12	0	NA	
12-Dec-21	27,800	YES	3,500	82,908	0	12,713	0	661,381	674,094	167.12	41,454	NA	663,785	386	664,171	167.54	0	NA	
13-Dec-21	25,990	YES	3,500	82,908	0	12,659	0	599,776	612,435	167.54	41,454	NA	484,670	13,409	498,079	169.53	0	NA	
14-Dec-21	25,990	YES	3,500	82,908	0	12,420	0	765,945	778,365	169.53	41,454	NA	489,850	102,888	592,738	171.26	0	NA	
15-Dec-21	-	NO	3,500	-	-	-	-	-	-	171.26	-	-	-	-	-	-	-	-	

Brookfield
Renewable U.S.

2021 Dissolved Oxygen Monitoring Report

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E-file

December 09, 2021

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

RE: Holtwood Hydroelectric Project – FERC No. 1881-067
2021 Annual Dissolved Oxygen Monitoring Program Report

Dear Secretary Bose:

BIF III Holtwood LLC (Brookfield) hereby submits the 2021 Dissolved Oxygen Monitoring Program Report for the Holtwood Hydroelectric Project as required by the Dissolved Oxygen Monitoring Plan approved by the Federal Energy Regulatory Commission (FERC) on January 19, 2011.

Per the approved Dissolved Oxygen Monitoring Plan, the monitoring season is from April 1 to September 30. During the season, the adjusted dissolved oxygen values at the Holtwood project met the Pennsylvania Water Quality Standards for the 7-day average (7-day average of 5.5 mg/L) at the Piney Channel, Forebay and Tailrace locations throughout the 2021 season. There were low adjusted instantaneous readings below the state standard (minimum 5.0 mg/L instantaneous) in the Forebay, Piney Channel and Tailrace. The low adjusted dissolved oxygen readings occurred periodically from mid-June to mid-August during low river flows. Details can be found in the enclosed report, as well as in all deviation reports previously filed with the FERC.

The dissolved oxygen deviation report filed on July 26, 2021 inadvertently did not include the few low adjusted instantaneous dissolved oxygen readings below the state standard that occurred on July 3 and 4 in the Piney Channel. The low readings occurred at the same time as the low instantaneous readings in the forebay and tailrace that were reported in the July 26 report. Dissolved oxygen readings from the Piney Channel can be found in Appendix D of the enclosed report. The low readings are found highlighted in red.

The Dissolved Oxygen Monitoring Plan required that dissolved oxygen be monitored for five years. At the request of Pennsylvania Department of Environmental Protection (PADEP), Brookfield conducted an extra two years of monitoring, which was completed this 2021 season. Brookfield will now request a meeting with PADEP to review the data and discuss the future of dissolved oxygen monitoring at the Holtwood project.

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Should any additional information be required, please contact me by phone at 215-620-4589, by e-mail at adam.slowik@brookfieldrenewable.com, or by mail at Brookfield Renewable, 482 Old Holtwood Road, Holtwood, PA 17532

Sincerely,



Adam Slowik
Compliance Specialist

Enclosure

cc: Cale Benard (Brookfield)
Dustin Droege (Brookfield)
Katie Lester (Brookfield)
Jonathan Rhoads (Brookfield)

Mr. Scott R. Williamson, Program Manager
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South Central Regional Office
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NORMANDEAU ASSOCIATES
ENVIRONMENTAL CONSULTANTS

Dissolved Oxygen Monitoring at the Holtwood Hydroelectric Project (FERC Project No. 1881), April 1 through September 30, 2021



Prepared for:
Holtwood Hydro Electric Station
Brookfield Renewable
BIF III Holtwood LLC
482 Old Holtwood Road
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Submitted On:
December 9, 2021

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The data contained in all pages of this document have been submitted in confidence and contain trade secrets and/or privileged or confidential information, and such data shall be used or disclosed only for evaluation purposes, provided that if a contract is awarded to this proposer as a result of or in connection with the submission of this proposal, the client shall have the right to use or disclose the data herein to the extent provided in the contract. This document includes data that shall not be disclosed outside of the purposes of this submittal and shall not be duplicated, used, or disclosed--in whole or in part--for any purpose other than for evaluation purposes.

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Executive Summary

The Federal Energy Regulatory Commission (FERC) issued a license amendment, dated October 30, 2009, for the Holtwood Hydroelectric Project (Holtwood). This license amendment approved the Dissolved Oxygen Monitoring Plan to Article 53 and Section 401 of the Water Quality Certificate. This plan describes how Holtwood will monitor dissolved oxygen (DO) after redevelopment was completed.

Three monitoring locations were selected to continuously monitor DO concentration and river temperature every 30 minutes from April 1 through September 30 for five years following the start of operations of the new power station. This monitoring was checked against the current Pennsylvania Water Quality Standards for DO (minimum of 5.0 mg/L instantaneous, along with a 7-day average of 5.5 mg/L). This report describes the DO monitoring in 2021, and the seventh year of monitoring.

Objectives of 2021 DO monitoring were to (1) monitor and maximize the number of DO and temperature data values at the three monitoring locations and (2) minimize interruptions of data values at the three monitoring locations due to equipment breakdowns or malfunctions.

The three monitoring stations (Forebay, Piney Channel, and Tailrace) were in the same locations as in the six previous monitoring years. Onset HOBO DO loggers (U26-001) were exclusively used to monitor DO and water temperature at 30 minute intervals. Lab calibrations using the HOBOware program were conducted with the three monitors prior to deployment on April 1. Additional lab calibrations were performed on-site with a laptop computer on June 23 and August 17 for the Forebay and Tailrace monitors and on June 23 and August 24 for the Piney Channel monitor. Calibration checks and maintenance of the DO loggers were conducted weekly and followed manufacturer's specifications.

Daily river flows in 2021, as measured at the USGS Marietta, PA Gage (USGS No. 01576000) ranged from a low of 9,980 cfs on July 1 to a high of 258,000 cfs on September 2. River flows were near or below the mean daily values during the first month of the monitoring period, then they fluctuated both above and below the daily mean values for the next two months. The last three months of the monitoring period the river flows were above the mean daily values.

Adjusted DO values were calculated by using the HOBOware Dissolved Oxygen Assistant program to obtain accurate dissolved oxygen readings by entering the calibrated hand held meter's start and end field calibration readings with the corresponding date and time as the DO logger's readings. The field calibration readings are used to compensate for measurement drift due to biofouling on and around the sensor cap of the DO logger.

A total of 8,538 adjusted DO values were calculated from the Forebay monitoring station. Adjusted DO values ranged from a low of 2.94 mg/L on August 17 to a high of 12.74 mg/L on May 20. The average adjusted DO values for the six month monitoring period was 8.48 mg/L. Of these adjusted data values, a total of 92 (0.53%) adjusted DO values were below the instantaneous Pennsylvania State standard value of 5.0 mg/L. The low adjusted DO values occurred periodically from mid-June to mid-August during low river flow period. A total of 177 adjusted rolling 7-day average DO values were calculated for the monitoring period. The minimum adjusted rolling 7-day average DO was 5.73 mg/L and occurred from June 30-July 6. The maximum adjusted rolling 7-day average DO was

12.01 mg/L and occurred from April 24-30. All adjusted rolling 7-day DO averages at the Forebay monitoring station met the PA Water Quality State Standard of 5.50 mg/L.

A total of 8,529 adjusted DO values were calculated from the Piney Channel monitoring station. Adjusted DO values ranged from a low of 4.70 mg/L on July 4 to a high of 12.97 mg/L on April 28. The average adjusted DO values for the six month monitoring period was 8.75 mg/L. Of these adjusted data values, a total of 27 (0.15%) adjusted DO values were below the instantaneous Pennsylvania State standard value of 5.0 mg/L. The low adjusted DO values occurred periodically from mid-June to July 4 during low river flow period. A total of 177 adjusted rolling 7-day average DO values were calculated for the monitoring period. The minimum adjusted rolling 7-day average DO was 6.02 mg/L and occurred from June 30-July 6. The maximum adjusted rolling 7-day average DO was 12.02 mg/L and occurred from April 24-30. All adjusted rolling 7-day DO averages at the Piney Channel monitoring station met the PA Water Quality State Standard of 5.50 mg/L.

A total of 8,519 adjusted DO values were calculated from the Tailrace monitoring station. Adjusted DO values ranged from a low of 0.93 mg/L on June 19 to a high of 12.51 mg/L on May 20. The average adjusted DO values for the six month monitoring period was 8.40 mg/L. Of these adjusted data values, a total of 91 (0.52%) adjusted DO values were below the instantaneous Pennsylvania State standard value of 5.0 mg/L. The low adjusted DO values occurred periodically from June 11 to mid-July during low river flow period. A total of 177 adjusted rolling 7-day average DO values were calculated for the monitoring period. The minimum adjusted rolling 7-day average DO was 5.57 mg/L and occurred from June 30-July 6. The maximum adjusted rolling 7-day average DO was 11.92 mg/L and occurred from April 24-30. All adjusted rolling 7-day DO averages at the Tailrace monitoring station met the PA Water Quality State Standard of 5.50 mg/L.

The water quality monitoring season at the Holtwood project in 2021 was successful with one interruption of the data due to the monitor recording data that exceeded the maximum allowable limit of >±2.0 mg/L or 20%, whichever is greater at both the Forebay and Piney Channel locations. Another data gap was due to being removed because of high river flow (>100 kcfs) at both the Forebay and Piney Channel monitors in September. The Tailrace location had two interruptions of data due to the monitor being vandalized (removed from the tailrace water). The lab calibrations in June and August attributed to the remaining data gaps.

The Forebay location had a total of 92 (0.53%) adjusted DO values that were below the instantaneous Pennsylvania State standard value of 5.0 mg/L. Even though there were low instantaneous DO values at the Forebay, all of the adjusted rolling 7-day average DO values met the Pennsylvania state standard of 5.50 mg/L. The Piney Channel location had a total of 27 (0.15%) adjusted DO values that were below the instantaneous Pennsylvania State standard value of 5.0 mg/L. Even with the low instantaneous DO values at the Piney Channel, all of the adjusted rolling 7-day average DO values met the Pennsylvania State standard of 5.50 mg/L throughout the monitoring period. At the Tailrace location, a total of 91 (0.52%) adjusted DO values were below the instantaneous Pennsylvania State standard value of 5.0 mg/L. Even with the low instantaneous DO values at the Tailrace, all of the adjusted rolling 7-day average DO values met the Pennsylvania State standard of 5.50 mg/L.

1.0 Introduction

The Federal Energy Regulatory Commission (FERC) issued a license amendment, dated October 30, 2009, for the Holtwood Hydroelectric Project (Holtwood) located on the Susquehanna River in Lancaster County, Pennsylvania. The Holtwood license amendment approved the Dissolved Oxygen Monitoring Plan (Kleinschmidt, 2010) pursuant to license Article 53 and Section 401 of the Water Quality Certificate. This plan describes how Holtwood will monitor dissolved oxygen (DO) after redevelopment was completed.

Three monitoring locations were selected to continuously monitor DO concentration and river temperature every 30 minutes from April 1 through September 30 for five years following the start of operations of the new power station. This monitoring was checked against the current Pennsylvania Water Quality Standards for DO (minimum of 5.0 mg/L instantaneous, along with a 7-day average of 5.5 mg/L). This report describes the DO monitoring in 2021, and the seventh year of monitoring.

Objectives of 2021 DO monitoring were to (1) monitor and maximize the number of DO and temperature data values at the three monitoring locations and (2) minimize interruptions of data values at the three monitoring locations due to equipment breakdowns or malfunctions.

2.0 Holtwood Operation

2.1 Project Operation

Holtwood, built in 1910, is situated on the Susquehanna River (river mile 24) in Lancaster and York counties, Pennsylvania (Figure 1). It is the second upstream hydroelectric facility on the river. The project now consists of a concrete gravity overflow dam 2,392 ft. long by 55 ft. high, the legacy powerhouse with ten turbine units having a combined generating capacity of 107 MW, the new powerhouse containing 2 large Kaplan turbines (100 MW capacity) and a reservoir (Lake Aldred) of 2,400 acres surface area. Each legacy unit is capable of passing approximately 3,000 cfs with each Kaplan turbine passing approximately 15,000 cfs. Spills occur at the project when river flow or project inflow exceeds the station hydraulic capacity of approximately 62,000 cfs.

Hydraulic conditions in the Holtwood spillway are controlled by numerous factors that change hourly, daily and throughout the project operating season. The primary factors are natural river flows, operation of the power station, operation of the Obermeyer gates controlling flow into Piney Channel, and operation of the upstream Safe Harbor Hydroelectric Project.

3.0 Methods

3.1 Water Quality Monitoring Stations

The three monitoring stations (Forebay, Piney Channel, and Tailrace) were in the same locations as in the six previous monitoring years (Figure 2). Onset HOBO DO loggers (U26-001) were exclusively

used to monitor DO and water temperature at 30 minute intervals. Calibration checks and maintenance of the DO loggers was conducted weekly and followed manufacturer's specifications.

All three DO Loggers were lab calibrated using 100-percent water saturated air and a zero DO solution (sodium sulfite) in the HOBOware Pro software following the lab calibration tool steps (Appendix A). Lab calibration typically remains accurate for the full 6-month life of the sensor cap if there is little to no fouling. Once the DO Logger's lab calibrations were completed, the logging interval of 30-minutes was established and the DO loggers were launched and ready for deployment. Additional lab calibrations were performed on-site with a laptop computer on June 23 and August 17 for the Forebay and Tailrace monitors and on June 23 and August 24 for the Piney Channel monitor.

During the initial deployment at the three monitoring stations, the DO loggers were placed in the river and allowed to acclimate for approximately 30 minutes prior to recording field calibration readings. The weekly field calibration checks for dissolved oxygen are recorded using a calibrated HACH MS5 Sonde and Surveyor. This HACH MS5 Sonde is calibrated in the morning prior to arriving at Holtwood.

Weekly field calibration checks consist of arriving at each of the monitor locations and inspecting for damage or vandalism. The HACH MS5 Sonde is placed in the river near the DO logger and a field calibration check reading is recorded on the data sheet (Appendix B) at one of the 30 minute intervals (on the hour or 30-minutes after the hour). After allowing the DO logger to record its DO value, the logger is pulled out of the river. The logger is removed from a protective PVC housing so the logger's data can be downloaded to a HOBO Waterproof Shuttle (U-DTW-1). Once the data has been downloaded from the DO logger, the anti-fouling guard is removed and the sensor cap is gently cleaned with a soft bristle brush to remove biofouling. When finished cleaning the sensor cap and anti-fouling guard, the guard is re-installed on the DO logger. After the DO logger has been downloaded, the shuttle will re-launch the DO logger and a new deployment period will begin. The cleaned DO logger is then placed back in the PVC housing and re-deployed in the river. At the next 30-minute interval another field calibration reading is recorded on the data sheet with the Surveyor and HACH MS5 Sonde to start the next monitoring period. The next field calibration reading recorded the following week will be the end point for that monitoring period.

After the three locations have been downloaded to the shuttle, the data was then offloaded to the HOBOware Pro software and saved on a computer. The three individual files (Forebay, Piney Channel, and Tailrace) are opened one at a time and the HOBOware Dissolved Oxygen Assistant program is used to obtain accurate dissolved oxygen readings by entering the HACH MS5 Sonde start and end field calibration readings with the corresponding date and time as the DO logger's readings. The field calibration readings are used to compensate for measurement drift due to biofouling on and around the sensor cap of the DO logger. All calibration checks and data corrections due to fouling and calibration drift were completed following the HOBOWare Pro software steps and per manufacturer guidelines. An accuracy rating for each HOBOware adjusted DO values compared to the raw (recorded) DO value are based on one of four classifications ranging from excellent to poor (Wagner *et. al.* 2006). Excellent is ≤±0.3 mg/L or ≤±5%, whichever is greater; Good is >±0.3-0.5 mg/L or >±5-10 %, whichever is greater; Fair is >±0.5-0.8 mg/L or >±10-15%, whichever is greater; and Poor is >±0.8 mg/L or >±15%, whichever is greater. If the HOBOware adjusted DO value is greater than 2.0 mg/L or 20%, whichever is greater, from the raw (recorded)

DO value it then exceeds the "maximum allowable limit" and the corresponding adjusted DO value(s) will not be part of the reported database.

3.1.1 Forebay Station

The Forebay station was located on the downstream side of the skimmer wall and the DO logger was secured in a protective PVC canister and deployed at approximately mid-depth in the water column via a stainless steel cable attached to the skimmer wall railing. Weight was added to the terminal end of the cable to ensure the DO logger is suspended near mid-depth in the water column.

3.1.2 Piney Channel Station

The Piney Channel station was located near the gate of the walkway to Piney Island. The DO logger was secured in a protective PVC canister and positioned downstream of the Unit 1 discharge. It was suspended via a stainless steel cable from the yellow hand rail of the walkway. Weight was added to the terminal end of the cable which rested on the bottom to keep the monitor from moving around and contacting the wall under higher flows.

3.1.3 Tailrace Station

The Tailrace station was located at the lower end of the Fishermen's Platform. The DO logger was secured in a protective PVC canister and attached to a railroad tie plate to keep the DO logger from being damaged during increased flow events. A stainless steel cable attached the railroad plate to the railing on the platform and the cable was secured with a padlock to deter vandalism.

4.0 Results

4.1 River Flow

The river flow in 2021, as measured at the USGS Marietta, PA Gage (USGS No. 01576000) located approximately 22 miles upstream of Holtwood, was recorded on the data sheets and is provided in Figure 3. Daily river flows ranged from a low of 9,980 cfs on July 1 to a high of 258,000 cfs on September 2 (USGS website). River flows were near or below the mean daily values during the first month of the monitoring period, then they fluctuated both above and below the daily mean values for the next two months. The last three months of the monitoring period the river flows were above the mean daily values (Figure 3). The minimum mean daily river flow occurred on July 1 at 10,300 cfs and the maximum mean daily river flow peaked at 212,000 cfs on September 2 (Table 1). Three river flow events occurred that were near or greater than 100 kcfs in 2021. Figure 4 provides the hourly river flow as recorded at Holtwood. Daily river flow from the average hourly flow recorded at Holtwood is provided in Table 2. Flow in Piney Channel was maintained by Unit #1 during the monitoring season except for four short periods on June 2 from 1200 to 1300 hour; August 11 from 0800 to 0900 hour; August 12 from 0900 to 1100 hour; and August 25 from 1500 to 1600 hour when it was not operating. During these time periods, flow in Piney Channel was maintained by partially opening Obermeyer Gate #1 to uphold the minimum flow requirement in Piney Channel.

4.2 Forebay Temperature and Dissolved Oxygen

A total of 8,538 water temperature values were recorded from the Forebay monitoring station (Table 3). Water temperatures varied each month during the six month monitoring period. Water temperature ranged from a low of 8.30°C (46.94°F) on April 4 to a high of 29.44°C (84.99°F) on August 13. The average water temperature during the six month monitoring period was 21.67°C (71.01°F).

During 2021, two DO data gaps occurred at the Forebay Station. One was due to the monitor recording data that exceeded the maximum allowable limit of >±2.0 mg/L or 20%, whichever is greater. This data gap occurred on June 29 at 0530 hour to 1000 hour. The other data gap was due to being removed because of high river flow (>100 kcfs) and occurred from September 2 at 1135 hour until September 7 at 0816 hour. Two Lab calibrations of the Forebay HOBO monitor were completed during the monitoring period and occurred on June 23 from 0831 to 0938 hour and on August 17 from 0931 to 1021 hour.

A total of 8,538 DO raw data values were collected from the Forebay monitoring station (Table 3 and Appendix C). Raw data DO values ranged from a low of 2.62 mg/L on August 17 to a high of 12.77 mg/L on April 25. The average raw data DO values for the six month monitoring period was 8.47 mg/L. Of these raw data DO values, a total of 131 (0.75%) raw DO values were below the instantaneous Pennsylvania State standard value of 5.0 mg/L. The low raw DO values occurred periodically from mid-June to mid-August.

A total of 179 raw daily average DO values were calculated during the monitoring period. The minimum and maximum raw daily DO values were 4.85 mg/L on July 4 and 12.57 mg/L on April 25, respectively. The average of the raw daily DO values for the entire monitoring period was 8.45 mg/L.

A total of 177 raw DO data rolling 7-day average values were calculated for the monitoring period. The minimum raw DO data rolling 7-day average was 5.71 mg/L and occurred from June 30-July 6. The maximum raw DO data 7-day average was 12.21 mg/L and occurred from April 24-30. All raw DO rolling 7-day averages at the Forebay monitoring station met the PA Water Quality State Standard of 5.50 mg/L.

Adjusted DO values were obtained using the HOBOware Dissolved Oxygen Assistant program based on the start and end field calibration check values obtained with a HACH MS5 Sonde. The start and end calibration check values were entered into the program with the corresponding date and time of the DO loggers recorded values. A total of 8,538 adjusted DO values were calculated from the Forebay monitoring station (Table 3 and Appendix C). Adjusted DO values ranged from a low of 2.94 mg/L on August 17 to a high of 12.74 mg/L on May 20. The average adjusted DO values for the six month monitoring period was 8.48 mg/L. Of these adjusted data values, a total of 92 (0.53%) adjusted DO values were below the instantaneous Pennsylvania State standard value of 5.0 mg/L. The low adjusted DO values occurred periodically from mid-June to mid-August during low river flow period. The accuracy rating of the adjusted DO values compared to the raw (recorded) data included all four rating classifications. Appendix C provides the number of DO values in each rating classifications: 6,259 (73.31%) Excellent; 1,676 (19.63%) Good; 425 (4.98%) Fair; and 178 (2.08%) Poor.

A total of 179 adjusted daily average DO values were calculated during the monitoring period. The minimum and maximum adjusted daily DO values were 4.95 mg/L on July 4 and 12.33 mg/L on April 25, respectively. The average of the adjusted daily DO values for the entire monitoring period was 8.48 mg/L.

A total of 177 adjusted rolling 7-day average DO values were calculated for the monitoring period. The minimum adjusted rolling 7-day average DO was 5.73 mg/L and occurred from June 30-July 6. The maximum adjusted rolling 7-day average DO was 12.01 mg/L and occurred from April 24-30. All adjusted rolling 7-day DO averages at the Forebay monitoring station met the PA Water Quality State Standard of 5.50 mg/L.

4.3 Piney Channel Temperature and Dissolved Oxygen

A total of 8,529 water temperature values were recorded from the Piney Channel monitoring station (Table 3). Water temperatures varied each month during the six month monitoring period. Water temperature ranged from a low of 8.42°C (47.16°F) on April 4 to a high of 29.02°C (84.24°F) on July 9. The average water temperature during the six month monitoring period was 21.71°C (71.08°F).

During 2021, three DO data gaps occurred at the Piney Channel Station. One was due to the monitor recording data that exceeded the maximum allowable limit of >±2.0 mg/L or 20%, whichever is greater. This data gap occurred from June 23 at 0400 hour until 1030 hour. The second data gap was attributed to possible debris and occurred on July 18 from 0230 to 0330 hour. The last data gap was due to being removed because of high river flow (>100 kcfs) and occurred from September 2 at 1105 hour until September 7 at 0848 hour. Two Lab calibrations of the Piney Channel HOBO monitor were completed during the monitoring period and occurred on June 23 from 1031 to 1139 hour and on August 24 from 0931 to 1022 hour.

A total of 8,529 DO raw data values were collected from the Piney Channel monitoring station (Table 3 and Appendix D). Raw data DO values ranged from a low of 4.58 mg/L on July 4 to a high of 12.99 mg/L on April 28. The average raw data DO values for the six month monitoring period was 8.78 mg/L. Of these raw data DO values, a total of 31 (0.18%) raw DO values were below the instantaneous Pennsylvania State standard value of 5.0 mg/L. The low raw DO values occurred periodically from mid-June to July 4.

A total of 179 raw daily average DO values were calculated during the monitoring period. The minimum and maximum raw daily DO values were 5.24 mg/L on July 4 and 12.51 mg/L on April 29, respectively. The average of the raw daily DO values for the entire monitoring period was 8.78 mg/L.

A total of 177 raw DO data rolling 7-day average values were calculated for the monitoring period. The minimum raw DO data rolling 7-day average was 5.94 mg/L and occurred from June 30-July 6. The maximum raw DO data rolling 7-day average was 12.25 mg/L and occurred from April 24-30. All raw DO rolling 7-day averages at the Piney Channel monitoring station met the PA Water Quality State Standard of 5.5 mg/L.

Adjusted DO values were obtained using the HOBOware Dissolved Oxygen Assistant program based on the start and end field calibration check values obtained with a HACH MS5 Sonde. The start and end calibration check values were entered into the program with the corresponding date and time of the DO loggers recorded values. A total of 8,529 adjusted DO values were calculated from the

Piney Channel monitoring station (Table 3 and Appendix D). Adjusted DO values ranged from a low of 4.70 mg/L on July 4 to a high of 12.97 mg/L on April 28. The average adjusted DO values for the six month monitoring period was 8.75 mg/L. Of these adjusted data values, a total of 27 (0.15%) adjusted DO values were below the instantaneous Pennsylvania State standard value of 5.0 mg/L. The low adjusted DO values occurred periodically from mid-June to July 4 during low river flow period. The accuracy rating of the adjusted DO values compared to the raw (recorded) data included all four rating classifications. Appendix D provides the number of DO values in each rating classifications: 6,567 (77.00%) Excellent; 1,085 (12.72%) Good; 437 (5.12%) Fair; and 440 (5.16%) Poor.

A total of 179 adjusted daily average DO values were calculated during the monitoring period. The minimum and maximum adjusted daily DO values were 5.38 mg/L on July 4 and 12.32 mg/L on April 29, respectively. The average of the adjusted daily DO values for the entire monitoring period was 8.74 mg/L.

A total of 177 adjusted rolling 7-day average DO values were calculated for the monitoring period. The minimum adjusted rolling 7-day average DO was 6.02 mg/L and occurred from June 30-July 6. The maximum adjusted rolling 7-day average DO was 12.02 mg/L and occurred from April 24-30. All adjusted rolling 7-day DO averages at the Piney Channel monitoring station met the PA Water Quality State Standard of 5.50 mg/L.

4.4 Tailrace Temperature and Dissolved Oxygen

A total of 8,519 water temperature values were recorded from the Tailrace monitoring station (Table 3). Water temperatures varied each month during the six month monitoring period. Water temperature ranged from a low of 8.38°C (47.08°F) on April 4 to a high of 28.76°C (83.77°F) on July 9. The average water temperature during the six month monitoring period was 21.54°C (70.77°F).

During 2021, two DO data gaps occurred at the Tailrace Station. Both were due to vandalism (the monitor being removed from the tailrace). These two data gaps occurred from August 9 at 1630 hour to August 11 at 1330 hour and from September 17 at 2130 hour to September 21 at 1100 hour. Two Lab calibrations of the Tailrace HOBO monitor were completed during the monitoring period and occurred on June 23 from 1231 to 1337 hour and on August 17 from 1201 to 1247 hour.

A total of 8,519 raw data DO values were collected from the Tailrace monitoring station (Table 3 and Appendix E). Raw data DO values ranged from a low of 0.90 mg/L on June 19 to a high of 12.72 mg/L on April 25. The average raw data DO values for the six month monitoring period was 8.38 mg/L. Of these raw data DO values, a total of 137 (0.78%) raw DO values were below the instantaneous Pennsylvania State standard value of 5.0 mg/L. The low raw DO values occurred periodically from mid-June to July 6.

A total of 179 raw daily average DO values were calculated during the monitoring period. The minimum and maximum raw daily DO values were 4.72 mg/L on July 4 and 12.55 mg/L on April 25, respectively. The average of the raw daily DO values for the entire monitoring period was 8.37 mg/L.

A total of 177 raw DO data rolling 7-day average values were calculated for the monitoring period. The minimum raw DO data rolling 7-day average was 5.49 mg/L and occurred from June 30-July 6. The maximum raw DO data rolling 7-day average was 12.16 mg/L and occurred from April 24-30. All

but one raw DO rolling 7-day average at the Tailrace monitoring station met the PA Water Quality State Standard of 5.50 mg/L.

Adjusted DO values were obtained using the HOBOware Dissolved Oxygen Assistant program based on the start and end field calibration check values obtained with a HACH MS5 Sonde. The start and end calibration check values were entered into the program with the corresponding date and time of the DO logger's recorded values. A total of 8,519 adjusted DO values were calculated from the Tailrace monitoring station (Table 3 and Appendix E). Adjusted DO values ranged from a low of 0.93 mg/L on June 19 to a high of 12.51 mg/L on May 20. The average adjusted DO values for the six month monitoring period was 8.40 mg/L. Of these adjusted data values, a total of 91 (0.52%) adjusted DO values were below the instantaneous Pennsylvania State standard value of 5.0 mg/L. The low adjusted DO values occurred periodically from June 11 to mid-July during low river flow period. The accuracy rating of the adjusted DO values compared to the raw (recorded) data included three of the four rating classifications. Appendix E provides the number of DO values in each rating classifications: 6,716 (78.84%) Excellent; 1,777 (20.86%) Good; and 26 (0.31%) Fair.

A total of 179 adjusted daily average DO values were calculated during the monitoring period. The minimum and maximum adjusted daily DO values were 4.82 mg/L on July 4 and 12.23 mg/L on April 25, respectively. The average of the adjusted daily DO values for the entire monitoring period was 8.39 mg/L.

A total of 177 adjusted rolling 7-day average DO values were calculated for the monitoring period. The minimum adjusted rolling 7-day average DO was 5.57 mg/L and occurred from June 30-July 6. The maximum adjusted rolling 7-day average DO was 11.92 mg/L and occurred from April 24-30. All adjusted rolling 7-day DO averages at the Tailrace monitoring station met the PA Water Quality State Standard of 5.50 mg/L.

5.0 Discussion

The water quality monitoring season at the Holtwood Project was successful with two interruptions of the data due to the monitor recording data that exceeded the maximum allowable limit of >±2.0 mg/L or 20%, whichever is greater, one each at the Forebay and Piney Channel locations. Removal of the Forebay and Piney Channel monitors due to high water caused one interruption of data at the two monitors. The Piney Channel location had one interruption of data due to possible debris issues. The Tailrace monitor had two interruptions of data due to vandalism (monitor removed from water). All three monitors had two short data interruptions due to the monitor undergoing lab calibrations in June and August.

During 2021, river flow in the Piney Channel was achieved by either operating Unit 1 or by spilling water over Obermeyer Gate #1. When spill occurred, this seemed to increase recorded DO values, but debris often accumulated along the Piney Channel wall and would collect on the cable suspending the Piney Channel continuous monitor. If debris brought the monitor closer to the surface of the water this may have affected the quality of the recorded data by potentially causing increased fouling.

The Forebay location had a total of 131 (0.75%) raw DO values and 92 (0.53%) adjusted DO values that were below the instantaneous Pennsylvania State standard value of 5.0 mg/L. Even though there were low instantaneous DO values at the Forebay, all of the raw and adjusted rolling 7-day

average DO values met the Pennsylvania state standard of 5.50 mg/L. The Piney Channel location had a total of 31 (0.18%) raw DO values and 27 (0.15%) adjusted DO values that were below the instantaneous Pennsylvania State standard value of 5.0 mg/L. Even with the low instantaneous DO values at the Piney Channel, all of the raw and adjusted rolling 7-day average DO values met the Pennsylvania State standard of 5.50 mg/L throughout the monitoring period. At the Tailrace location, a total of 137 (0.78%) raw DO values and 91 (0.52%) adjusted DO values were below the instantaneous Pennsylvania State standard value of 5.0 mg/L. In addition to the low instantaneous DO values recorded by the Tailrace, only one (5.49 mg/L) raw rolling 7-day average DO value was below the Pennsylvania State standard of 5.50 mg/L. The remaining raw and all of the adjusted rolling 7-day average DO values met the Pennsylvania State standard of 5.50 mg/L.

Low DO conditions have been known to occur in the Holtwood Forebay and can result from natural processes in the reservoir, especially during extremely low river flow periods like what was experienced in early July and mid-August 2021. For this reason, Holtwood Project operations does not appear to have a negative effect on the DO levels nor do the low DO values (when observed) have any adverse environmental consequences. This conclusion is based on the Forebay and Piney Channel monitor locations meeting both the raw and adjusted rolling 7-day average DO Pennsylvania State standard of 5.50 mg/L. In addition, the Tailrace monitor location met the Pennsylvania State standard of 5.50 mg/L for all but one raw rolling 7-day average and all the adjusted rolling 7-day average DO values.

6.0 Recommendations

1. Continue to perform weekly calibration checks and maintenance. This will minimize the amount of bio-fouling and provide reliable and accurate DO values. Continue to perform lab calibrations on site at Holtwood during the monitoring period, possibly every 2 month period or as the accuracy rating of the data decreases to a poor rating the frequency could increase to monthly. Keep a spare monitor on hand during weekly checks in case a monitor is damaged/vandalized and data can't be downloaded from monitor. This spare monitor can be deployed the same day to minimize the amount of missing DO values.

2. Continue to remove the Forebay and Piney Channel DO monitors when the river flow is projected to rise above 100,000 cfs. This will help to minimize the damage to the DO monitors that may be subjected to extreme turbulence and high debris loads. Redeploy the DO monitors at the earliest opportunity once the river flow subsides below 100,000 cfs.

7.0 Literature Cited

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Wagner, R.J., Boulger, R.W. Jr., Oblinger,C.J., and Smith, B.A. 2006. Guidelines and Standard Procedures for Continuous Water Quality Monitors-Station Operation, Record Computation, and Data Reporting: U.S. Geological Survey Techniques and Methods 1-D3, 51 p. + 8 attachments at http://pubs.water.usgs.gov/tm1d3.

Figures

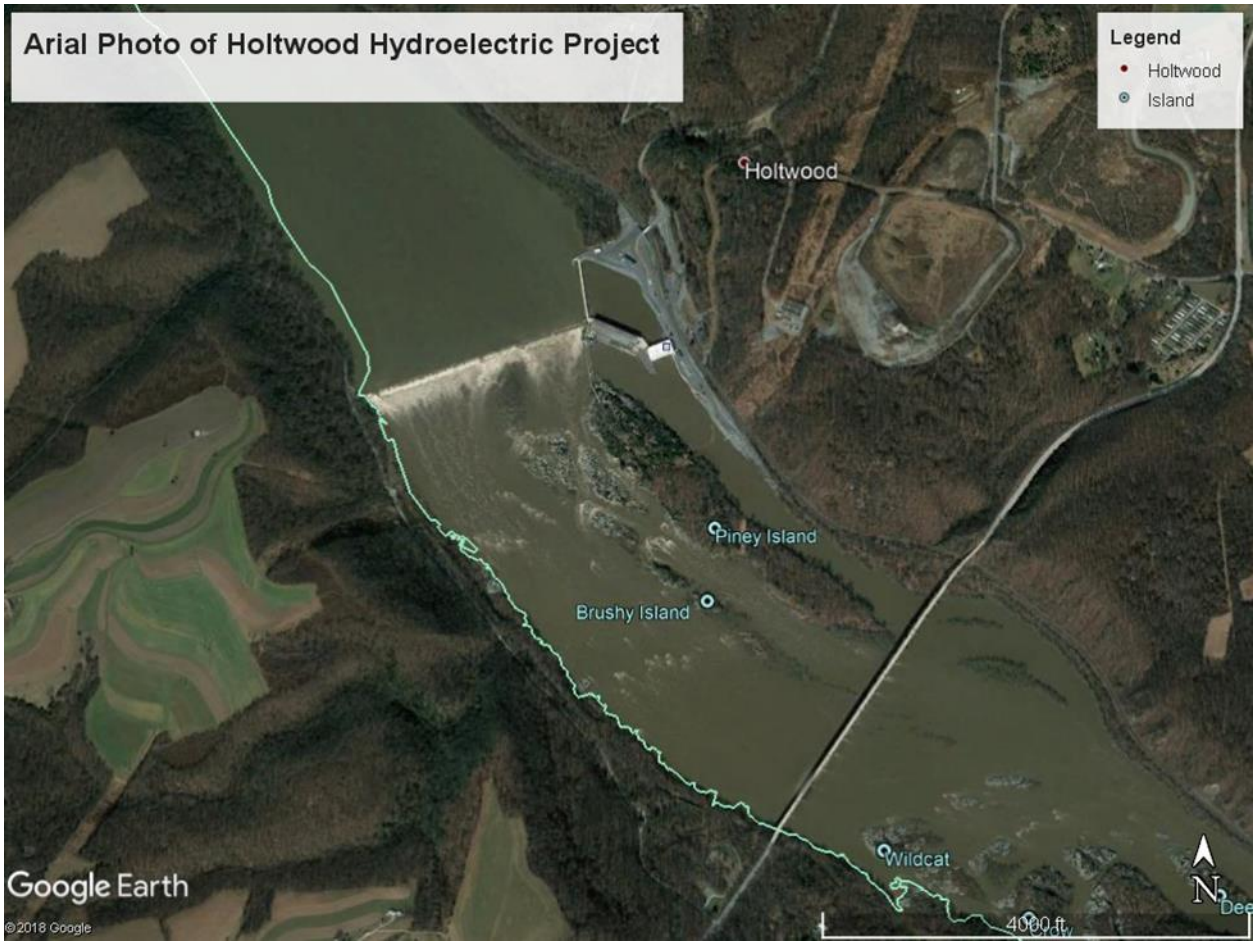

Figure 1. Google Earth Imagery of the Holtwood Hydroelectric Project.



Figure 2. Water Quality Monitoring Locations at the Hydroelectric Project, April 1 through September 30, 2021.

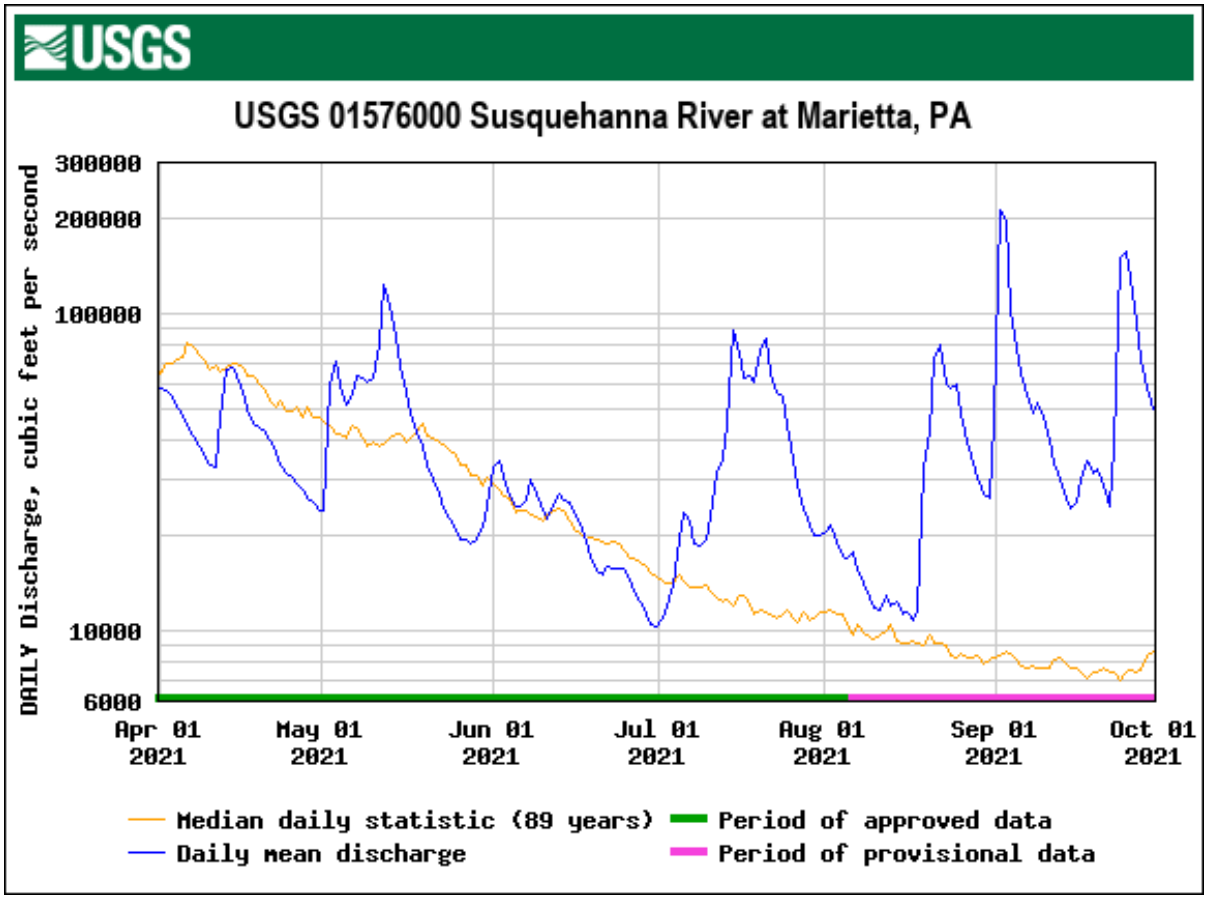

Figure 3. Mean daily river flow as recorded by the USGS Marietta Gage during the Dissolved Oxygen monitoring period from April 1 through September 30, 2021 at the Holtwood Hydroelectric Project.

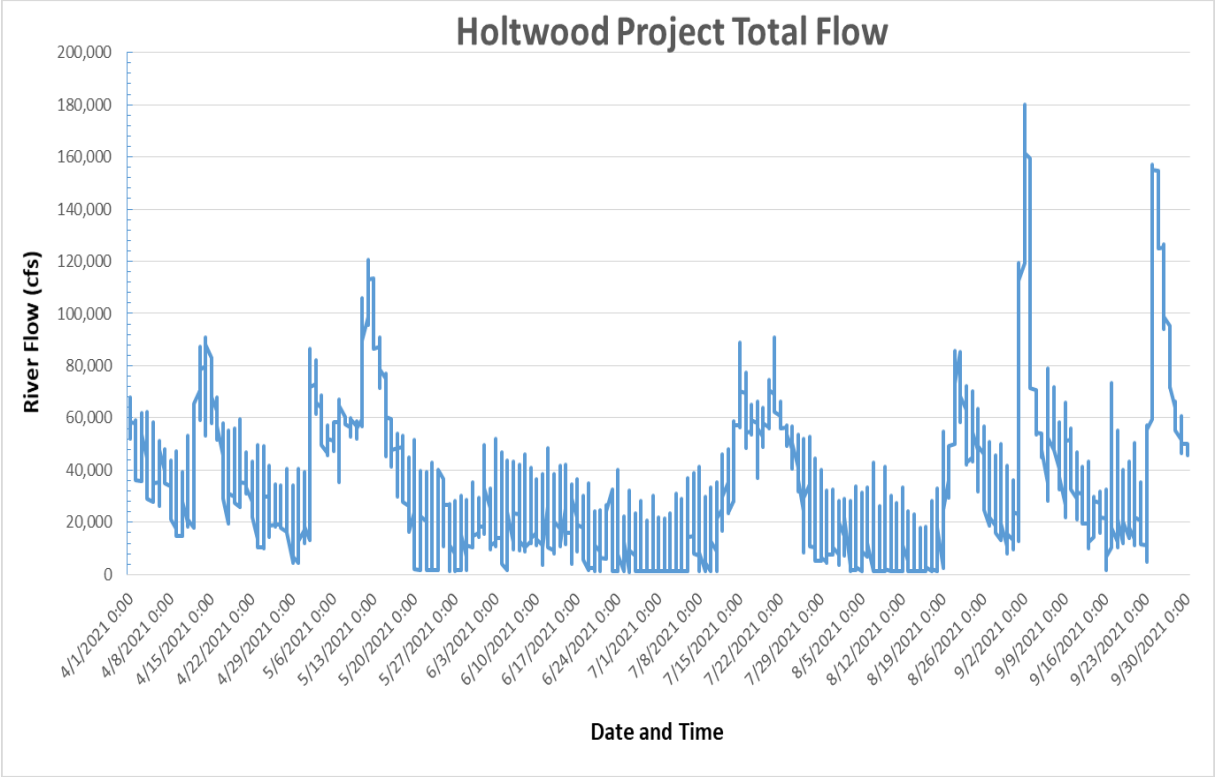

Figure 4. Hourly river flow recorded at Holtwood Hydroelectric Project during the DO monitoring period from April 1 through September 30, 2021.

Tables

Table 1. Mean daily flow of Susquehanna River at Marietta, PA (USGS 01576000) for the monitoring period from April 1 through September 30, 2021.

USGS 01576000 Susquehanna River at Marietta, PA Daily Mean Discharge in cubic feet per second						
DATE	**April 2021**	**May 2021**	**Jun 2021**	**Jul 2021**	**Aug 2021**	**Sep 2021**
1	58,200[A]	24,000[A]	32,800[A]	10,300[A]	20,600[A]	45,700[P]
2	57,700[A]	59,300[A]	34,600[A]	11,000[A]	21,600[A]	212,000[P]
3	54,700[A]	70,600[A]	30,300[A]	12,000[A]	19,100[A]	198,000[P]
4	51,000[A]	58,900[A]	26,700[A]	14,000[A]	17,300[A]	102,000[P]
5	47,700[A]	51,300[A]	24,600[A]	19,300[A]	16,800[A]	79,100[P]
6	44,600[A]	55,900[A]	24,600[A]	23,600[A]	17,600[P]	64,800[P]
7	41,400[A]	63,800[A]	25,700[A]	22,100[A]	15,500[P]	55,900[P]
8	38,400[A]	62,900[A]	30,000[A]	18,800[A]	14,200[P]	48,900[P]
9	35,700[A]	61,100[A]	26,800[A]	18,600[A]	12,700[P]	52,500[P]
10	33,500[A]	62,600[A]	24,000[A]	19,300[A]	11,800[P]	46,800[P]
11	32,900[A]	79,700[A]	22,600[A]	22,900[A]	11,700[P]	40,000[P]
12	47,100[A]	124,000[A]	24,600[A]	31,600[A]	12,900[P]	34,000[P]
13	66,800[A]	107,000[A]	27,000[A]	34,700[A]	12,000[P]	30,200[P]
14	67,700[A]	84,400[A]	25,700[A]	45,300[A]	12,300[P]	26,100[P]
15	63,700[A]	68,300[A]	25,300[A]	88,400[A]	11,200[P]	24,300[P]
16	56,400[A]	56,800[A]	23,500[A]	75,100[A]	11,400[P]	25,600[P]
17	49,900[A]	48,500[A]	21,900[A]	63,100[A]	10,800[P]	30,100[P]
18	45,400[A]	42,300[A]	19,000[A]	64,100[A]	11,700[P]	34,400[P]
19	43,400[A]	38,100[A]	16,800[A]	61,100[A]	32,200[P]	31,600[P]
20	42,800[A]	33,500[A]	15,500[A]	76,700[A]	42,300[P]	32,200[P]
21	40,200[A]	30,000[A]	14,900[A]	84,100[A]	71,400[P]	28,600[P]
22	36,400[A]	27,000[A]	15,900[A]	64,400[A]	79,900[P]	24,700[P]
23	33,500[A]	24,400[A]	15,600[A]	56,700[A]	59,900[P]	37,400[P]
24	31,300[A]	22,400[A]	15,800[A]	54,500[A]	58,500[P]	150,000[P]
25	30,500[A]	20,700[A]	15,600[A]	44,300[A]	60,200[P]	158,000[P]
26	29,200[A]	19,500[A]	14,600[A]	34,800[A]	48,600[P]	129,000[P]
27	27,800[A]	19,500[A]	13,400[A]	28,600[A]	39,500[P]	93,800[P]
28	26,300[A]	18,800[A]	12,400[A]	24,300[A]	34,100[P]	72,400[P]
29	25,500[A]	19,500[A]	11,300[A]	21,400[A]	30,500[P]	58,400[P]
30	24,100[A]	21,100[A]	10,400[A]	19,900[A]	27,100[P]	49,900[P]
31		24,700[A]		20,000[A]	26,200[P]	
COUNT	**30**	**31**	**30**	**31**	**31**	**30**
MAX	**67,700**	**124,000**	**34,600**	**88,400**	**79,900**	**212,000**
MIN	**24,100**	**18,800**	**10,400**	**10,300**	**10,800**	**24,300**

Explanation

A	Approved for publication -- Processing and review completed.
P	Provisional data subject to revision.

Table 2. Daily river flow based on the average of the recorded hourly total flow values including spill volumes at the Holtwood Project, April 1 through September 30, 2021.

DATE	APRIL 2021	MAY 2021	JUNE 2021	JULY 2021	AUGUST 2021	SEPTEMBER 2021
1	59,152	27,071	31,260	9,453	18,085	41,998
2	53,589	49,613	24,749	10,064	22,141	157,840
3	52,571	71,107	29,733	12,610	19,648	123,960
4	51,054	60,830	27,204	13,008	16,940	58,597
5	48,709	50,797	23,448	18,649	16,202	50,961
6	39,027	54,290	25,114	21,292	18,796	44,891
7	41,584	55,369	26,046	22,869	14,387	61,401
8	38,009	59,203	27,865	19,108	13,734	45,851
9	34,642	57,613	26,543	17,206	12,443	49,519
10	31,584	56,576	25,125	19,114	10,831	46,807
11	33,977	71,894	23,411	19,253	12,709	37,797
12	43,876	108,123	27,430	30,870	12,524	32,645
13	70,401	104,087	24,859	35,511	12,115	28,544
14	69,054	80,402	25,963	44,691	11,164	25,222
15	67,058	64,266	25,042	76,238	10,786	24,424
16	58,723	54,685	21,169	68,855	10,186	23,767
17	50,973	43,981	24,654	60,180	12,500	43,896
18	47,738	46,420	19,057	57,275	11,097	30,340
19	39,015	34,089	16,694	56,556	34,849	30,719
20	40,564	35,148	13,471	66,160	39,956	31,721
21	38,165	26,060	14,448	76,715	62,993	29,172
22	36,027	28,566	15,995	61,352	71,185	25,313
23	36,139	24,306	17,884	55,072	58,059	32,937
24	29,094	25,297	16,983	52,489	51,782	123,454
25	31,271	23,798	12,839	43,294	51,387	140,377
26	27,302	15,207	15,218	30,726	49,616	114,299
27	27,527	11,818	13,595	30,800	38,556	84,647
28	30,041	18,410	11,480	24,547	32,823	62,384
29	23,438	20,192	9,780	20,904	31,366	53,654
30	22,533	22,506	11,736	18,747	27,726	47,594
31		24,440		19,318	22,975	
COUNT	**30**	**31**	**30**	**31**	**31**	**30**
MAX	**70,401**	**108,123**	**31,260**	**76,715**	**71,185**	**157,840**
MIN	**22,533**	**11,818**	**9,780**	**9,453**	**10,186**	**23,767**

Table 3. Summary of Water Temperature (˚C) and Dissolved Oxygen (DO) (mg/L) data values recorded at Holtwood Hydroelectric Project during the monitoring period from April 1 through September 30, 2021.

	FOREBAY		PINEY CHANNEL		TAILRACE	
	Raw Data	Adjusted DO Data	Raw Data	Adjusted DO Data	Raw Data	Adjusted DO Data
Temperature (°C)						
Number (count)	8,538		8,529		8,519	
Minimum	8.30		8.42		8.38	
Maximum	29.44		29.02		28.76	
Average	21.67		21.71		21.54	
Dissolved Oxygen (mg/L)						
Number (count)	8,538	8,538	8,529	8,529	8,519	8,519
Minimum	2.62	2.94	4.58	4.70	0.90	0.93
Maximum	12.77	12.74	12.99	12.97	12.72	12.51
Average	8.47	8.48	8.78	8.75	8.38	8.40
DO < 5.0 mg/L						
Number (count)	131	92	31	27	137	91
Minimum	2.62	2.94	4.58	4.70	0.90	0.93
Maximum	4.99	4.99	4.99	4.99	4.99	4.98
Average	4.54	4.58	4.81	4.87	4.31	4.15
Daily DO Average						
Number (count)	179	179	179	179	179	179
Minimum	4.85	4.95	5.24	5.38	4.72	4.82
Maximum	12.57	12.33	12.51	12.32	12.55	12.23
Average	8.45	8.48	8.78	8.74	8.37	8.39
Rolling 7-Day DO Average						
Number (count)	177	177	177	177	177	177
Minimum	5.71	5.73	5.94	6.02	5.49	5.57
Maximum	12.21	12.01	12.25	12.02	12.16	11.92
Average	8.38	8.40	8.68	8.65	8.31	8.34

Appendices

Appendix A. Lab Calibration Data Sheets

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood-Forebay **Investigator(s):** SWA

DATE 0 3 2 3 2 1 (m m d d y y)

U/26 Monitor S/N - 20568284

PURPOSE [ ] lab calibration

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code [ ]
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation _____

No. of Units Operating [ ][ ] (0 to 12) Flow from Legacy Powerhouse Evident: **YES** or **NO** (circle one)
Flow from New Powerhouse: **YES** or **NO** (circle one) Flow in Piney Channel Evident: **YES** or **NO** (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time _____ (prevailing, 24 hr) *	CAL Temp	_____ °C	CAL DO	_____ (mg/l)
	Meter Temp	_____ °C	Meter DO	_____ (mg/l)
Meter # _____	Meter adj. to	_____ °C	Meter adj to	_____ (mg/l)

Comments

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
[ ][ ][ ][ ] (24 hr)*	Temp [ ][ ].[ ] °C	Temp _____ °C **	Temp _____ °C
	DO [ ][ ].[ ] mg/l	DO _____ mg/l **	DO _____ mg/l

Comments

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) [ ][ ][ ][ ] (prevailing, 24 hr) *
Data Download Location: _____ (Lab or Onsite) **Time of Download:** [ ][ ][ ][ ] (24 hr) *
Applicable Maintenance Performed: _____ 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = 752.86 mmHg Alt= 546' Adj BP= 767.80

stalled up 3/23/21 1050 hr

Calibration Location: Lab (Lab or Onsite)

100% logger DO 9.32
100% Cal. DO = 8.92

DO Calibration* Method Used: [1] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: 1040* **Cal Temp** 21.1 (°C) 100% SAT **Cal DO** 8.92 [ ][ ].[ ] (mg/l) New gain adj = 1.004

bration plete 1054 hr

Method Used: [2] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: 1053* **Cal Temp** 21.1 (°C) **Cal DO** [ ][0].[0] (mg/l) logger @ 0% 0.01 new offset Adj = -0.012

Time that the monitor was redeployed in the Tailrace [ ][ ][ ][ ] (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
[ ][ ][ ][ ] (24 hr)*	Temp [ ][ ].[ ] °C	Temp _____ °C**	Temp _____ °C
	DO [ ][ ].[ ] mg/l	DO _____ mg/l**	DO _____ mg/l

Comments

7 Air Temperature _____ °C

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: _____

Other Sampling Notes: Logger launched to start recording Data on 3/24/21 @ 0100 hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood - Piney Channel **Investigator(s):** SGA

DATE 03/23/21 (m m d d y y) **PURPOSE** ☐ Lab calibration

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code ☐
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

v126 monitor S/N: 20568281

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation _____

No. of Units Operating ☐☐ (0 to 12) Flow from Legacy Powerhouse Evident: **YES** or **NO** (circle one)

Flow from New Powerhouse: **YES** or **NO** (circle one) Flow in Piney Channel Evident: **YES** or **NO** (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time _____ (prevailing, 24 hr) * **CAL Temp** _____ °C **CAL DO** _____ (mg/l)

Meter Temp _____ °C Meter DO _____ (mg/l)

Meter # _____ Meter adj. to _____ °C Meter adj to _____ (mg/l)

Comments

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
☐☐☐☐ (24 hr)*	Temp ☐☐.☐ °C	Temp _____ °C **	Temp _____ °C
	DO ☐☐.☐ mg/l	DO _____ mg/l **	DO _____ mg/l

Comments

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) ☐☐☐☐ (prevailing, 24 hr) *

Data Download Location: _____ (Lab or Onsite) **Time of Download:** ☐☐☐☐ (24 hr) *

Applicable Maintenance Performed: _____ 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = 752.30 mmHg Alt=540' Adj BP=767.31

installed on 3/23/21 1015 hr

Calibration Location: Lab (Lab or Onsite)

DO Calibration* **Method Used:** [1] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other 100% SAT LOGGER DO = 8.97

Time: 1225* **Cal Temp** 22.5 (°C) 100% SAT **Cal DO** 8.49 (mg/l) new gain adj = 1.087

calibration completed 1240

Method Used: [2] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other logger @ 0% = 0.01

Time: 1240* **Cal Temp** 22.5 (°C) **Cal DO** 0.0 (mg/l) new offset adj = -0.007

Time that the monitor was redeployed in the Tailrace ☐☐☐☐ (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
☐☐☐☐ (24 hr)*	Temp ☐☐.☐ °C	Temp _____ °C**	Temp _____ °C
	DO ☐☐.☐ mg/l	DO _____ mg/l**	DO _____ mg/l

Comments

7 Air Temperature _____ °C **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction:

Other Sampling Notes: Logger launched to start recording data on 3/24/21 @0100 hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood - Tailrace **Investigator(s):** SWA

DATE 03/23/21 (m m d d y y) **PURPOSE** ☐ Lab calibration **Weather Code** ☐

U/26 MONITOR
S/N: 20568282

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation _____

No. of Units Operating ☐☐ (0 to 12) Flow from Legacy Powerhouse Evident: **YES** or **NO** (circle one)

Flow from New Powerhouse: **YES** or **NO** (circle one) Flow in Piney Channel Evident: **YES** or **NO** (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time _____ (prevailing, 24 hr) * **CAL Temp** _____ °C **CAL DO** _____ (mg/l)

Meter Temp _____ °C Meter DO _____ (mg/l)

Meter # _____ Meter adj. to _____ °C Meter adj to _____ (mg/l)

Comments

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
☐☐☐☐ (24 hr)*	Temp ☐☐.☐ °C	Temp _____ °C **	Temp _____ °C
	DO ☐☐.☐ mg/l	DO _____ mg/l **	DO _____ mg/l

Comments

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) ☐☐☐☐ (prevailing, 24 hr) *

Data Download Location: _____ (Lab or Onsite) **Time of Download:** ☐☐☐☐ (24 hr) *

Applicable Maintenance Performed: _____ 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = 751.74 mmHg Alt = 540' Adj BP = 766.69

installed @ 3/23/21 1025hr

Calibration Location: Lab (Lab or Onsite)

DO Calibration* **Method Used:** 1 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other 100%SAT logger DO = 8.57 new gain adj = 1.017

Time: 1355* **Cal Temp** 24.0 (°C) **Cal DO** (100% SAT) 8.21 (mg/l)

calibration completed @ 1410

Method Used: 2 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other logger @ 0% = 0.00

Time: 1410* **Cal Temp** 24.0 (°C) **Cal DO** 0.0 (mg/l) new offset adj = 0.001

Time that the monitor was redeployed in the Tailrace ☐☐☐☐ (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
☐☐☐☐ (24 hr)*	Temp ☐☐.☐ °C	Temp _____ °C**	Temp _____ °C
	DO ☐☐.☐ mg/l	DO _____ mg/l**	DO _____ mg/l

Comments

7 Air Temperature _____ °C **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction:

Other Sampling Notes: Logger launched to start recording data on 3/24/21 @ 0100 hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood - Square **Investigator(s):** SWA

DATE 03/23/21 (m m d d y y) **PURPOSE** ☐ Lab calibration **Weather Code** ☐

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

6/26 MONITOR S/N: 20568283

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation _____

No. of Units Operating ☐☐ (0 to 12) Flow from Legacy Powerhouse Evident: **YES** or **NO** (circle one)

Flow from New Powerhouse: **YES** or **NO** (circle one) Flow in Piney Channel Evident: **YES** or **NO** (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time _____ (prevailing, 24 hr) * **CAL Temp** _____ °C **CAL DO** _____ (mg/l)

Meter Temp _____ °C Meter DO _____ (mg/l)

Meter # _____ Meter adj. to _____ °C Meter adj to _____ (mg/l)

Comments

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
☐☐☐☐ (24 hr)*	Temp ☐☐.☐ °C	Temp _____ °C **	Temp _____ °C
	DO ☐☐.☐ mg/l	DO _____ mg/l **	DO _____ mg/l

Comments

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) ☐☐☐☐ (prevailing, 24 hr) *

Data Download Location: _____ (Lab or Onsite) **Time of Download:** ☐☐☐☐ (24 hr) *

Applicable Maintenance Performed: _____ 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = 751.42 mm Hg Alt = 540' Adj BP = 766.26

stabilized @ 3/23/21 1030 hr **Calibration Location:** Lab (Lab or Onsite)

DO Calibration* **Method Used:** 1 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other 100% SAT logger DO = 7.63 new gain adj = ~~1.100~~ 1.098

Time: 1425 * **Cal Temp** 24.1 (°C) 100% SAT **Cal DO** 8.07 (mg/l)

calibration completed @ ~~1444~~ 1442

Method Used: 2 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other logger @ 0% = -0.01

Time: 1440 * **Cal Temp** 24.1 (°C) **Cal DO** 0.0 (mg/l) new offset adj = -0.003

Time that the monitor was redeployed in the Tailrace ☐☐☐☐ (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
☐☐☐☐ (24 hr)*	Temp ☐☐.☐ °C	Temp _____ °C**	Temp _____ °C
	DO ☐☐.☐ mg/l	DO _____ mg/l**	DO _____ mg/l

Comments

7 Air Temperature _____ °C **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: _____

Other Sampling Notes: Logger launched to start recording data on 3/24/21 @ 0100 hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Forebay **Investigator(s):** SWA

DATE 06/23/21 (m m d d y y) **PURPOSE** 1
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:
Forebay Elevation 169.53 TR = 107.51 @0825hr

Units = 19,18

No. of Units Operating 3 (0 to 12) Flow from Legacy Powerhouse Evident: (YES) or NO (circle one)

Flow from New Powerhouse: (YES) or NO (circle one) Flow in Piney Channel Evident: (YES) or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 sonde

Time 0742 (prevailing, 24 hr) * CAL Temp 22.5 °C CAL DO 8.64 (mg/l)

Meter # 48938 Meter Temp 22.6 °C Meter DO 8.60 (mg/l)

Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP = 760.00

Alt = 225.6 Adj BP = 766.24

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0830 (24 hr)*	Temp 24.8 °C	Temp 24.76 °C **	Temp ____ °C
	DO 5.5 mg/l	DO 5.16 mg/l ** @0830hr	DO ____ mg/l

Comments BP = 760.80

Alt = 190' Adj BP = 766.18

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0831 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 0837 (24 hr) *

Applicable Maintenance Performed: 2 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:
Barometric pressure = 760.94

Lab cal complete @ 0925 hr

Calibration Location: on-site (Lab or Onsite) 100% logger DO conc. 9.18 100% DO Conc. calculated – 9.04

DO Calibration* Method Used:** 1 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____ new gain adj = 0.989

launched @ 0928 hr to start recording

Time: 0859 * Cal Temp 67.03F (°C) Cal DO 9.16 (mg/l)

0930 hr verified monitor as logging then redeployed monitor

Method Used: 2 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other DO conc @ 0% = -0.02 new offset adj = 0.008

Time: 0923 * Cal Temp 67.03F (°C) Cal DO -0.02 (mg/l)

Time that the monitor was redeployed ~~in the Tailrace~~ 0938 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1000 (24 hr)*	Temp 24.7 °C	Temp 24.76 °C**	Temp ____ °C
BP = 761.23 Alt = 198'	DO 5.6 mg/l	DO 5.80 mg/l** @1030	DO ____ mg/l

Comments Adj BP = 766.39

7 Air Temperature 17.2 °C (63F) **Wind Conditions** (Circle one): Calm (Light) Moderate Gusty Strong **Wind Direction:** NNW 7 mph

Other Sampling Notes: minor fouling on sensor cap.

Marietta flow = 15,700 cfs @ 1000 hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Piney Channel **Investigator(s):** SWA

DATE 06/23/21 (m m d d y y) **PURPOSE** 1 **Weather Code** 1

PURPOSE: 1 = Calibrate & Download monitor (complete Sec 1-7 below); 2 = Performance check (complete Sections 1, 2, 3 & 7); 3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code: 1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: Forebay Elevation 169.53 TR = 107.51 @0825 hr

units on-1,2,3,7,8 No. of Units Operating 6 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB= 169.00 @1106hr TR=110.09

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH HQ30d

Time (prevailing, 24 hr) *	0742	CAL Temp	22.5 °C	CAL DO	8.64 (mg/l)
Meter #	48938	Meter Temp	22.6 °C	Meter DO	8.60 (mg/l)
		Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP = 760.00

Alt = 225.6 Adj BP = 766.24

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 24.8 °C [9]	Temp 24.82 °C **	Temp ____ °C
	DO 5.8 mg/l [2]	DO 4.82 mg/l ** @1030 hr	DO ____ mg/l

Comments BP = 762.17

Alt = 150 Adj BP = 765.39

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1031 (prevailing, 24 hr) *

Data Download Location: on site (Lab or Onsite) Time of Download: 1038 (24 hr) *

Applicable Maintenance Performed: 2

1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = 761.46

lab cal complete @ 1114 hr

Calibration Location: on site (Lab or Onsite) 100% logger DO conc. = 8.57

100% DO cal. conc. = 8.53

DO Calibration* ** Method Used: 1 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other new gain adj = 1.000

unached 1116 hr Time: 1057 * Cal Temp 70.4F (°C) Cal DO 8.5 (mg/l) [7]

start recording 1130 hr

DO conc @ 0% = -0.02

Method Used: 2 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other new offset adj = 0.013

rifled monitor was being redeployed on Time: 1113 * Cal Temp 70.4F (°C) Cal DO -0.0 (mg/l) [2]

Time that the monitor was redeployed ~~in the Tailrace~~ 1139 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1210 (24 hr)*	Temp 25.0 °C [3]	Temp 24.92 °C**	Temp ____ °C
BP = 762.31 Alt = 150	DO .6.0 mg/l [2]	DO 6.17 mg/l** @1200 hr	DO ____ mg/l

Comments Adj BP = 766.05

7 Air Temperature 18.9 °C (66 F) **Wind Conditions** (Circle one): Calm (Light) Moderate Gusty Strong **Wind Direction:** NNW 6 mph

Other Sampling Notes: minor fouling on sensor cap; no water coming over boards or obermeyer gates

Marmitta flow = 15,600 cfs @ 1200 hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Tailrace **Investigator(s):** SWA

DATE 0 6 2 3 2 1 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 169.53 TR = 107.51 @ 0825 hr

units on - 1, 2, 6, 9, 19

No. of Units Operating 5 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB = 169.09 @ 1341 hr

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one) TR = 109.45

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 GONDE

Time	0742 (prevailing, 24 hr) *	CAL Temp	22.5 °C	CAL DO	8.64 (mg/l)
		Meter Temp	22.6 °C	Meter DO	8.60 (mg/l)
Meter #	48938	Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP = 760.00
Alt = 225.6 Adj BP = 766.24

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1230 (24 hr)*	Temp 24.7 °C 7	Temp 24.78 °C **	Temp ____ °C
	DO 5.5 mg/l 6	DO 5.07 mg/l **	DO ____ mg/l

Comments BP = 763.22
Alt = 125' Adj BP = 766.76
@ 1230 hr

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1231 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 1237 (24 hr) *

Applicable Maintenance Performed: 2 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = 762.82

b cal mplete @ 313 hr unched 1315 hr start recording 1330 hr rified onitor was ogging men eployed onitor

Calibration Location: onsite (Lab or Onsite)

100% logger DO conc. = 8.50
100% DO cal conc. = 8.32

DO Calibration*** Method Used: 1 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other new gain adj = 0.991

Time: 1255* Cal Temp 75.27F (°C) Cal DO 8.5 (mg/l) 0

Method Used: 2 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other DO conc. @ 0% = -0.03 new offset adj = 0.030

Time: 1312* Cal Temp 75.27F (°C) Cal DO -0.0 (mg/l) 3

Time that the monitor was redeployed in the Tailrace 1337 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1400 (24 hr)*	Temp 24.7 °C 6	Temp 24.80 °C**	Temp ____ °C
BP = 763.42 Alt = 125'	DO 5.5 mg/l 8	DO 5.60 mg/l**	DO ____ mg/l

Comments Adj BP = 766.78
@ 1400 hr

7 Air Temperature 22.2 °C

72F

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: NNW 5 mph

Other Sampling Notes: minor fouling on sensor cap, low tailrace conditions
Marietta flow = 15,600 cfs @ 1400 hr;

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Forebay Investigator(s): SWA

DATE 08/07/21 (m m d d y y) PURPOSE 1+3

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 3
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: Forebay Elevation 169.45 TR- 105.65 @ 0922hr

on - 1, +19

No. of Units Operating 12 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

FB 169.24
IR 107.17 @ 1027 from website

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MSS SOND E

Time 0815 (prevailing, 24 hr) * CAL Temp 23.0 °C CAL DO 8.52 (mg/l)

Meter # 48939 Meter Temp 22.9 °C Meter DO 8.53 (mg/l)

Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP = 759.66
Alt = 210 Adj BP = 765.71

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0930 (24 hr)*	Temp 28.3 °C²	Temp 28.28 °C **	Temp ____ °C
	DO 6.5 mg/l¹	DO 5.78 mg/l ** @0930hr	DO ____ mg/l

Comments BP = 759.96
Alt = 190' Adj BP = 765.04

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0931 (prevailing, 24 hr) *

Data Download Location: on site (Lab or Onsite) Time of Download: 0936 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = 760.00

cal. complete @1010 hr

Calibration Location: on site (Lab or Onsite) logger 100% DO - 7.93

DO Calibration*** 0936 Method Used: 1 (1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other) calculated 100% DO - 8.06

launched 1015 hr

Time: 0953* Cal Temp 22.8 (°C) Cal DO 8.06 (mg/l) new gain adj = 1.004

verified monitor was

0954 Method Used: 2 (1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other) logger 0% = -0.01

Time: 1010* Cal Temp 22.8 (°C) Cal DO 0.0 (mg/l) new offset adj = 0.018

~~redeployed~~ Time that the monitor was redeployed in the Tailrace 1021 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 28.3 °C²	Temp 28.18 °C**	Temp ____ °C
BP = 760.16	DO 6.4 mg/l²	DO 6.42 mg/l** @1030hr	DO ____ mg/l

Comments Alt = 190' Adj BP = 764.67

7 Air Temperature 22.8 °C (73 F) **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: SE 5 mph

Other Sampling Notes: Marietta Flow = 10,800 cfs @ 1030 hr minor fouling on sensor cap. crayfish in PVC canister w/ monitor; lab calibration performed from 0936 to 1010 hr

monitor launched at 1015 hr
verified monitor was logging @ 1016 hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Piney Channel Investigator(s): SWA

DATE 08/17/21 (m m d d y y)

PURPOSE 1+3
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 3+4
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 169.45 TR=105.65 @0922hr
m-1+19
No. of Units Operating 12 (0 to 12)
Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse YES or NO (circle one)
Flow in Piney Channel Evident YES or NO (circle one)
FB=169.08
TR=107.44 @1126 hr from website

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 Sonde

Time 0815 (prevailing, 24 hr) *
Meter # 48939

CAL Temp	23.0 °C	CAL DO	8.52 (mg/l)
Meter Temp	22.9 °C	Meter DO	8.53 (mg/l)
Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP=759.66
Alt=210' Adj BP=765.11

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1150 (24 hr)*	Temp 28.3 °C 1	Temp 28.24 °C **	Temp ____ °C
	DO 6.4 mg/l 2	DO 6.14 mg/l ** @1150hr	DO ____ mg/l

Comments BP=761.09
Alt=150' Adj BP=764.71

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1151 (prevailing, 24 hr) *
Data Download Location: on site (Lab or Onsite)
Time of Download: 1106 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced;
4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____
Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * Cal Temp _____ (°C) Cal DO ____.__ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * Cal Temp _____ (°C) Cal DO ____.__ (mg/l)

Time that the monitor was redeployed in the Tailrace 1113 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1130 (24 hr)*	Temp 28.3 °C 3	Temp 28.26 °C**	Temp ____ °C
BP=761.13	DO 6.4 mg/l 1	DO 6.46 mg/l** @1200hr	DO ____ mg/l

Comments Alt=150' Adj BP=765.50

7 Air Temperature 23.9 °C 75F
Wind Conditions (Circle one): Calm (Light) Moderate Gusty Strong
Wind Direction: SSE 7mph

Other Sampling Notes: Marietta flow = 10,500 cfs @ 1130 hr; minor fouling on sensor cap when the monitor was pulled up. large log stuck on cable, monitor still underwater; SAV around cable and PVC canister

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Tailrace Investigator(s): SWA

DATE 08/07/21 (m m d d y y) PURPOSE [1]+3
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code [3]+4
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:
Forebay Elevation 169.45 TR=105.65 @0922 hr
No. of Units Operating [12] (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: (YES) or NO (circle one) Flow in Piney Channel Evident: (YES) or NO (circle one)
FB = 169.35
TR = 107.88

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MSS sonde

Time	0815 (prevailing, 24 hr) *	CAL Temp	23.9 °C	CAL DO	8.52 (mg/l)
Meter #	48939	Meter Temp	22.9 °C	Meter DO	8.53 (mg/l)
		Meter adj. to	OK °C	Meter adj to	OK (mg/l)

@ 1256 for website

Comments BP = 759.66
Alt = 210' Adj BP = 765.11

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1200 (24 hr)*	Temp 28.3 °C 5	Temp 28.34 °C **	Temp ____ °C
	DO 6.3 mg/l 4	DO 6.13 mg/l ** @ 1250 hr	DO ____ mg/l

Comments BP = 761.92
Alt = 125' Adj BP = 764.87

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:
Time retrieved (taken out of service) 1201 (prevailing, 24 hr) *
Data Download Location: on site (Lab or Onsite) Time of Download: 1206 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced;
4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:
Barometric pressure = 761.20
Calibration Location: on site (Lab or Onsite)
logger 100% DO = 7.54
calculated 100% DO = 7.67
Calibration complete @ 1238
DO Calibration*** 1207
Method Used: [1] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other Newgain adj = 1.009
Time: 1222* Cal Temp 29.0 (°C) Cal DO [17.67] (mg/l)

1223
Method Used: [2] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other new offset Adj = 0.020
logger 0% = 0.01
Time: 1238* Cal Temp 29.0 (°C) Cal DO [0.0] (mg/l)

Time that the monitor was redeployed in the Tailrace 1247 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1300 (24 hr)*	Temp 28.3 °C 8	Temp 28.42 °C**	Temp ____ °C
BP = 761.51	DO 16.3 mg/l 3	DO 6.28 mg/l** @ 1300	DO ____ mg/l

Comments Alt = 125' Adj BP = 765.10

7 Air Temperature 26.1 °C (79F) Wind Conditions (Circle one): Calm (Light) Moderate Gusty Strong
Wind Direction: SSE 7 mph

Other Sampling Notes: Marietta flow = 10,700 cfs @ 1300 hr, minor fouling on sensor cap
lab calibration performed from 1207 to 1238 hr; monitor relaunched @ 1241 hr
verified monitor was logging @ 1242

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: FOREBAY MONITOR **Investigator(s):** SWA

DATE 0 8 2 4 2 1 (m m d d y y)

PURPOSE 1 +2
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 2 +1
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

units on - All except 2
49, 18 off

Forebay Elevation 190.89 TR = 114.01 @ 0823 hr

No. of Units Operating 12 (0 to 12) 4 Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 SONDE

Time 0750 (prevailing, 24 hr) *

Meter # 48939

CAL Temp	22.5 °C	CAL DO	8.60 (mg/l)
Meter Temp	22.4 °C	Meter DO	8.62 (mg/l)
Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP = 754.69
Alt = 210 Adj BP = 760.50

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0830 (24 hr)*	Temp 24.7 °C 7	Temp 24.72 °C **	Temp ____ °C
	DO 6.9 mg/l 8	DO 7.07 mg/l **	DO ____ mg/l

@ 0830 hr

Comments BP = 755.31
Alt = 190 Adj BP = 760.98

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0831 (prevailing, 24 hr) *

Data Download Location: on site (Lab or Onsite) Time of Download: 0837 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced;
4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 0843 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0900 (24 hr)*	Temp 24.7 °C 6	Temp 24.68 °C**	Temp ____ °C
BP = 755.59	DO 6.9 mg/l 5	DO 7.14 mg/l**	DO ____ mg/l

@ 0900 hr

Comments Alt = 190 Adj BP = 760.78

7 Air Temperature 23.9 °C

75F

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: NW 6 mph

Other Sampling Notes: Marietta Flow - 54,000 cfs @ 0900 hr, minor fouling on sensor cap

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: PINEY CHANNEL MONITOR **Investigator(s):** SWA

DATE 0 8 2 4 2 1 (m m d d y y)

PURPOSE 1 2+3
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1 +2
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 170.89 TR=114.01 @0823 hr

u.9+ All on except 2
18 - off

No. of Units Operating 1 2 (0 to 1~~2~~) 4 Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB= 170.73

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one) TR= 114.00 from website @1026 hr

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 SONDE

Time 0750 (prevailing, 24 hr) *
Meter # 48939

CAL Temp	22.5 °C	CAL DO	8.60 (mg/l)
Meter Temp	22.4 °C	Meter DO	8.62 (mg/l)
Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP= 754.69
AH=210 Adj BP=760.50

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0930 (24 hr)* 8.59	Temp 24.8 °C 9	Temp 24.80 °C **	Temp ___ °C
	DO 8.7 mg/l 0	DO 8.59 mg/l ** @0930 hr	DO ___ mg/l

Comments BP-756.54
AH=150 Adj BP-760.42

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0931 (prevailing, 24 hr) *

Data Download Location: on site (Lab or Onsite) Time of Download: 0939 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced;
4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = 755.85

Calibration Location: on site (Lab or Onsite)

logger DO 100% conc - 8.08
calculated 100% conc - 7.99

DO Calibration*** 0938 Method Used: 1 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other New gain adj = 0.990

Time: 0954* Cal Temp 79.1F (°C) Cal DO 7.99 (mg/l)

logger 0% conc - 0.01

0956 Method Used: 2 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other New offset adj - 0.003

Time: 1011* Cal Temp 79.1F (°C) Cal DO 0.0 (mg/l)

Time that the monitor was redeployed in the Tailrace 1022 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 24.9 °C 3	Temp 24.90 °C**	Temp ___ °C
BP=756.91	DO 8.8 mg/l 0	DO 8.62 mg/l** @1100 hr	DO ___ mg/l

Comments AH=150 Adj BP=760.76

7 Air Temperature 27.2 °C 81F

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: NW 6 mph

Other Sampling Notes: Marletta flow=54,700 cfs @ 1030 hr; minor fouling on sensor cap. water flowing over ober meyer gates and boards, boards appear to still be intact / in place

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

performed lab calibration - 0938 to 1011 hr.
launched to start logging @ 1030 hr

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: TAILRACE MONITOR Investigator(s): SWA

DATE 08/24/21 (m m d d y y) PURPOSE 1+2
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: Forebay Elevation 170.89 TR=114.01 @0823 hr

units 9+18 off — All on except 2
No. of Units Operating 12 (0 to 18) Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB - 170.01
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one) TR - 114.39 from website @ 1126 hr

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 SOND

Time (prevailing, 24 hr) *	0750	CAL Temp	22.5 °C	CAL DO	8.60 (mg/l)
Meter #	48939	Meter Temp	22.4 °C	Meter DO	8.62 (mg/l)
		Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP = 754.69
Alt = 210 Adj BP = 760.50

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)*	Temp 24.7 °C 2	Temp 24.70 °C **	Temp ____ °C
BP = 757.86	DO 7.0 mg/l 7	DO 7.06 mg/l ** @1160 hr	DO ____ mg/l

Comments
Alt = 125 Adj BP = 760.95

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1101 (prevailing, 24 hr) *
Data Download Location: onsite (Lab or Onsite) Time of Download: 1106 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ☐☐.☐ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ☐☐.☐ (mg/l)

Time that the monitor was redeployed in the Tailrace 1113 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1130 (24 hr)*	Temp 24.7 °C 2	Temp 24.72 °C**	Temp ____ °C
BP = 757.75	DO 7.0 mg/l 6	DO 7.12 mg/l ** @1130 hr	DO ____ mg/l

Comments Alt = 125 Adj BP = 760.90

7 Air Temperature 27.8 °C (82F) **Wind Conditions** (Circle one): Calm (Light) Moderate Gusty Strong
Wind Direction: NW 5 mph

Other Sampling Notes: Marietta flow = 55,400 cfs @ 1130 hr; minor fouling on sensor cap

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

Appendix B. Weekly calibration check and maintenance data sheets

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood - Forebay **Investigator(s):** SWA/ACS

DATE 03/29/21 (m m d d y y) **PURPOSE** [ ] DEPLOYMENT **Weather Code** [ ]

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 169.86 TR = 107.70 @0920

No. of Units Operating [1][2] (0 to 12) Flow from Legacy Powerhouse Evident: (YES) or NO (circle one)

Flow from New Powerhouse: (YES) or NO (circle one) Flow in Piney Channel Evident: (YES) or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

ACT MS5 SONDE

Time 0810 (prevailing, 24 hr) * **CAL Temp** 18.5 °C **CAL DO** 9.96 (mg/l)

Meter # 439328 **Meter Temp** 19.3 °C **Meter DO** 9.13 (mg/l)

Meter adj. to OK °C **Meter adj to** OK (mg/l)

Comments BP = 748.28
Alt = 540 Adj BP = 763.20

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
[ ][ ][ ][ ] (24 hr)*	Temp [ ][ ].[ ] °C	Temp _____ °C **	Temp _____ °C
	DO [ ][ ].[ ] mg/l	DO _____ mg/l **	DO _____ mg/l

Comments

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) [ ][ ][ ][ ] (prevailing, 24 hr) *

Data Download Location: _____ (Lab or Onsite) **Time of Download:** [ ][ ][ ][ ] (24 hr) *

Applicable Maintenance Performed: _____ 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration* **Method Used:** [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: [ ][ ][ ][ ]* **Cal Temp** _____ (°C) **Cal DO** [ ][ ].[ ] (mg/l)

Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: [ ][ ][ ][ ]* **Cal Temp** _____ (°C) **Cal DO** [ ][ ].[ ] (mg/l)

Time that the monitor was redeployed in the Tailrace [0][9][2][0] (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
[0][9][3][0] (24 hr)*	Temp [ ][7].[7] °C3	Temp _____ °C**	Temp _____ °C
BP = 757.70	DO [1][2].[0] mg/l2	DO _____ mg/l**	DO _____ mg/l

Comments Alt = 190 Adj BP = 761.86

7 Air Temperature 11.1 °C 52F **Wind Conditions** (Circle one): Calm (Light) Moderate Gusty Strong

Wind Direction: ESE 7mph

Other Sampling Notes: Marietta flow = 65,200 cfs @ 0930 hr
Initial Deployment of monitor

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood - Piney Channel **Investigator(s):** SWA/ACS

DATE 0 3 2 4 2 1 (m m d d y y)

PURPOSE [ ] DEPLOYMENT
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 4
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 169.86 TR-117.70 @ 0920

No. of Units Operating 12 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB 169.73
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one) TR = 117.75 @ 1011 hr

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

ACH MS5 SONDE

Time 0810 (prevailing, 24 hr) *
Meter # 489328

CAL Temp	18.5 °C	CAL DO	9.16 (mg/l)
Meter Temp	19.3 °C	Meter DO	9.13 (mg/l)
Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP = 798.28
Alt = 540' Adj BP = 763.00

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
[ ][ ][ ][ ] (24 hr)*	Temp [ ][ ].[ ] °C	Temp ____ °C **	Temp ____ °C
	DO [ ][ ].[ ] mg/l	DO ____ mg/l **	DO ____ mg/l

Comments

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) [ ][ ][ ][ ] (prevailing, 24 hr) *
Data Download Location: ____ (Lab or Onsite) Time of Download: [ ][ ][ ][ ] (24 hr) *
Applicable Maintenance Performed: ____ 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: [ ][ ][ ][ ]* Cal Temp ____ (°C) Cal DO [ ][ ].[ ] (mg/l)

Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: [ ][ ][ ][ ]* Cal Temp ____ (°C) Cal DO [ ][ ].[ ] (mg/l)

Time that the monitor was redeployed in the Tailrace 0955 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1000 (24 hr)*	Temp 7.9 °C 2	Temp ____ °C**	Temp ____ °C
BP = 757.72	DO 11.9 mg/l 7	DO ____ mg/l**	DO ____ mg/l

Comments Alt = 150 Adj BP = 763.03

7 Air Temperature 12.2 °C

54 F

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: E 8 mph

Other Sampling Notes: Marietta flow ~64,600 cfs @ 1000 hr
Initial deployment of monitor

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood - Tailrace **Investigator(s):** SWA / ACS

DATE 03/24/21 (m m d d y y) **PURPOSE** [ ] DEPLOYMENT **Weather Code** [4]

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 169.86 TR = 117.70 @ 0920 FB = 169.64 TR = 117.51 @ 1101

No. of Units Operating [12] (0 to 12) Flow from Legacy Powerhouse Evident: (YES) or NO (circle one)

Flow from New Powerhouse: (YES) or NO (circle one) Flow in Piney Channel Evident: (YES) or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

ACH MSS 3/24/21

Time (prevailing, 24 hr) *	0810	**CAL Temp**	18.5 °C	**CAL DO**	9.16 (mg/l)
		Meter Temp	19.3 °C	Meter DO	9.13 (mg/l)
Meter #	489328	Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP = 748.28 Alt = 540' Adj BP = 763.00

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
[ ] (24 hr)*	Temp [ ].[ ] °C	Temp ____ °C **	Temp ____ °C
	DO [ ].[ ] mg/l	DO ____ mg/l **	DO ____ mg/l

Comments

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) [ ] (prevailing, 24 hr) *

Data Download Location: ____ (Lab or Onsite) **Time of Download:** [ ] (24 hr) *

Applicable Maintenance Performed: ____ 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration* **Method Used:** [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: [ ] * **Cal Temp** ____ (°C) **Cal DO** [ ].[ ] (mg/l)

Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: [ ] * **Cal Temp** ____ (°C) **Cal DO** [ ].[ ] (mg/l)

Time that the monitor was redeployed in the Tailrace [ ] (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)*	Temp [17].[8] °C 9	Temp ____ °C**	Temp ____ °C
BP = 758.42	DO [11].[9] mg/l 8	DO ____ mg/l**	DO ____ mg/l

Comments Alt = 425 Adj BP = 762.42

7 Air Temperature 12.8 °C 55F **Wind Conditions** (Circle one): Calm (Light) Moderate Gusty Strong

Wind Direction: E 6 mph

Other Sampling Notes: Marietta flow = 64,200 cfs @ 1100 hr.
Initial Deployment of monitor

Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
Record values later from downloaded data at the corresponding time of portable meter measurements.
May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Forebay **Investigator(s):** SWA, ACS - training

DATE 03/10/1 (m m d d y y) **PURPOSE** 2 & 3

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 3
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 168.7 ft Temp 52.4°F
Tailrace Elevation: 117.53 ft
No. of Units Operating 12 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

ARCH NSJ SONDE

Time 0805 (prevailing, 24 hr) * CAL Temp 19.5 °C CAL DO 8.89 (mg/l)
Meter # 48938 Meter Temp 20.0 °C Meter DO 8.91 (mg/l)
Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP = 747.4
Alt = 540' Adj BP = 763.10

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0930 (24 hr)*	Temp 11.0 °C 8	Temp 11.02 °C **	Temp ____ °C
	DO 10.7 3 mg/l 3	DO 11.12 mg/l ** @0930 hr	DO ____ mg/l

Comments BP = 757.25 mmHg
Alt = 190 ft Adj BP = 762.3 mmHg

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0931 (prevailing, 24 hr) *
Data Download Location: onsite (Lab or Onsite) Time of Download: 0936 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____
Calibration Location: _____ (Lab or Onsite)
DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * Cal Temp _____ (°C) Cal DO ☐☐.☐ (mg/l)
Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * Cal Temp _____ (°C) Cal DO ☐☐.☐ (mg/l)
Time that the monitor was redeployed in the Tailrace 0944 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1000 (24 hr)*	Temp 11.1 °C 0	Temp 11.22 °C**	Temp ____ °C
BP = 757.20 mmHg	DO 10.7 mg/l 1	DO 11.05 mg/l**	DO ____ mg/l

Comments Alt = 190 ft Adj BP = 762.05 mmHg @1000 hr

7 Air Temperature 16.1 °C 61°F Wind Conditions (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: South @ 10 mph
Other Sampling Notes: Marietta flow = 60,900 cfs @ 1000 hr.

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Piney Channel **Investigator(s):** SWA, ACS - training

DATE 0 3 3 1 0 1 (m m d d y y)

PURPOSE 2 + 3
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 3
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 168.7 Ft Temp: 52.4°F
Tailrace Elev: 117.53 Ft
FB: 168.99 TR: 117.49 @1026 hr

No. of Units Operating 1 2 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

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Time 0805 (prevailing, 24 hr) * **CAL Temp** 19.5 °C **CAL DO** 8.89 (mg/l)
Meter # 48938 Meter Temp 20.0 °C Meter DO 8.91 (mg/l)
Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP = 747.4
Alt = 540' Adj BP = 765.10

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 11.2 °C	Temp 11.16 °C **	Temp ____ °C
	DO 10.7 mg/l	DO 11.12 mg/l ** @1030 hr	DO ____ mg/l

Comments BP = 757.92 mmHg
Alt = 150 ft Adj BP = 761.60 mmHg

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1031 (prevailing, 24 hr) *
Data Download Location: onsite (Lab or Onsite) **Time of Download:** 1035 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced;
4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration* Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * **Cal Temp** _____ (°C) **Cal DO** __ . __ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * **Cal Temp** _____ (°C) **Cal DO** __ . __ (mg/l)

Time that the monitor was redeployed in the Tailrace 1044 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)*	Temp 11.3 °C	Temp 11.48 °C**	Temp ____ °C
BP = 757.68 mmHg	DO 10.6 mg/l	DO 11.02 mg/l** @1100 hr	DO ____ mg/l

Comments Alt = 150 ft Adj BP = 761.77 mmHg

7 Air Temperature ~~62F~~ °C (62F 16.7°C) **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: south @ 9mph

Other Sampling Notes: Marietta flow = 60,703 cfs @ 1100 hr.
water flowing under boards over dam

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Tailrace **Investigator(s):** SWA, ACS-training

DATE 0 3 3 1 0 1 (m m d d y y) **PURPOSE** 2 + 3

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 3
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 168.99 ft @ 1116hr
TR Elev: 117.49 ft
FB: 169.24 ft
TR: 117.54 ft @ 1126hr

No. of Units Operating 1 2 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

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Time 0805 (prevailing, 24 hr) * CAL Temp 19.5 °C CAL DO 8.89 (mg/l)
Meter # 48938 Meter Temp 20.0 °C Meter DO 8.91 (mg/l)
Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP = 747.4
Alt = 540' Adj BP = 765.10

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1 1 3 0 (24 hr)*	Temp 1 1 . 2 °C3	Temp 11.22 °C **	Temp ____ °C
	DO 1 0 . 7 mg/l5	DO 11.17 mg/l ** @1130hr	DO ____ mg/l

Comments BP = 758.40 mm Hg
Alt = 125 ft Adj BP = 761.97 mm Hg

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1 1 3 1 (prevailing, 24 hr) *
Data Download Location: on site (Lab or Onsite) Time of Download: 1 1 3 7 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ☐☐☐☐* Cal Temp _____ (°C) Cal DO ☐☐.☐ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ☐☐☐☐* Cal Temp _____ (°C) Cal DO ☐☐.☐ (mg/l)

Time that the monitor was redeployed in the Tailrace 1 1 4 3 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1 2 0 0 (24 hr)*	Temp 1 1 . 2 °C4	Temp 11.40 °C**	Temp ____ °C
BP = 758.22 mm Hg	DO 1 0 . 7 mg/l4	DO 11.11 mg/l** @1200 hr	DO ____ mg/l

Comments Alt = 125 ft Adj BP = 761.00 mm Hg

7 Air Temperature 16.9 °C 62F 16.7°C Wind Conditions (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: South 9 mph

Other Sampling Notes: Max tailrace flow = 60,600 cfs @ 1200 hr.

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Forebay #5 **Investigator(s):** AKS

DATE 04/06/21 (m m d d y y) **PURPOSE** 3
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:
Forebay Elevation 166.52 ft TR: 112.74 ft @0840 hr

19 on 18 off No. of Units Operating 11 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.
Time 0750 (prevailing, 24 hr) * CAL Temp 20.0 °C CAL DO 8.82 (mg/l)

Meter # 48938 (Sonde 1) Meter Temp 20.5 °C Meter DO 8.87 (mg/l)

Meter adj. to Okay °C Meter adj to [illegible] (mg/l) OKay

Comments BP 746.2 mmHg

Alt: 529 ft Adj BP: 760.6 mmHg

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0900 (24 hr)*	Temp 10.8 °C 8	Temp 10.82 °C **	Temp ____ °C
	DO 11.3 mg/l 4	DO 11.45 mg/l ** @0900 hr	DO ____ mg/l

Comments BP: 756.1 mmHg

Alt: 190 Adj BP: 760.8 mmHg

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:
Time retrieved (taken out of service) 0901 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 0906 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:
Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 0912 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0930 (24 hr)*	Temp 10.8 °C 9	Temp 10.88 °C**	Temp ____ °C
	DO 11.3 mg/l 5	DO 11.77 mg/l**	DO ____ mg/l

Comments Alt: 190 BP: 756.2 mmHg Adj BP: 760.8 mmHg @0930 hr

7 Air Temperature 9 °C **Wind Conditions** (Circle one): Calm (Light) Moderate Gusty Strong

Wind Direction: NNE

Other Sampling Notes: Marietta gauge: 45,200 cfs @ 0830 hr; Flow at HOL: 47,500 cfs @0830 hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Piney Channel **Investigator(s):** NES

DATE 04/06/21 (m m d d y y) **PURPOSE** [1]

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code [1]
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 167.13 ft TR: 112.47 ft

19 on 1800s

No. of Units Operating [11] (0 to 12) Flow from Legacy Powerhouse Evident: (YES) or NO (circle one)

Flow from New Powerhouse: (YES) or NO (circle one) Flow in Piney Channel Evident: (YES) or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time (prevailing, 24 hr) *	0750	**CAL Temp**	20.0 °C	**CAL DO**	8.82 (mg/l)
Meter #	48938	Meter Temp	20.5 °C	Meter DO	8.87 (mg/l)
		Meter adj. to	ok °C	Meter adj to	ok (mg/l)

Comments BP = 746.2 mmHg
Alt = 550' Adj BP = 760.6 mmHg

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1000 (24 hr)*	Temp 10.8 °C	Temp 10.82 °C **	Temp ____ °C
	DO 11.4 mg/l	DO 11.40 mg/l **	DO ____ mg/l

Comments BP: 757.3 Adj BP: 760.7 Alt: 150ft @ 1000 hr

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1001 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) **Time of Download:** 1005 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration* **Method Used:** [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: [ ] * **Cal Temp** _____ (°C) **Cal DO** [ ].[ ] (mg/l)

Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: [ ] * **Cal Temp** _____ (°C) **Cal DO** [ ].[ ] (mg/l)

Time that the monitor was redeployed in the Tailrace 1011 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 16.9 °C	Temp 10.88 °C**	Temp ____ °C
BP: 757.1 Adj BP: 760.6	DO 11.3 mg/l 8	DO 11.89 mg/l**	DO ____ mg/l

Comments Alt: 150ft @ 1103 hr

7 Air Temperature 13 °C **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: NNE 1-5

BP Hobo DL @ 1014

Other Sampling Notes: Marietta flow: 45000 cfs @ 952. HOL at 43,500 @ 956
Leakage coming from under the boards on the spillway.

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood TR **Investigator(s):** NES

DATE 04/06/21 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: **Forebay Elevation** 167.72 ft TR: 112.65 ft @1052hr

1 on 1800s

No. of Units Operating 11 (0 to 12) Flow from Legacy Powerhouse Evident: **YES** or **NO** (circle one) PB: 167.9 ft

Flow from New Powerhouse: **YES** or **NO** (circle one) Flow in Piney Channel Evident: **YES** or **NO** (circle one) TR: 112.8 ft @1113hr

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time (prevailing, 24 hr) *	0750	CAL Temp	20.0 °C	CAL DO	8.82 (mg/l)
Meter #	48938	Meter Temp	20.5 °C	Meter DO	8.87 (mg/l)
		Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP = 746.2 mm Hg
Alt = 530' Adj BP = 760.6 mm Hg

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)*	Temp 10.9 °C	Temp 10.90 °C **	Temp ____ °C
BP: 758.0 Adj BP: 761.6	DO 11.2 mg/l	DO 11.75 mg/l ** @1100hr	DO ____ mg/l

Comments Alt: 125

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1101 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) **Time of Download:** 1110 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION: **Barometric pressure =** ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration* **Method Used:** ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * **Cal Temp** ____ (°C) **Cal DO** ____ . ____ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * **Cal Temp** ____ (°C) **Cal DO** ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace ____ (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1130 (24 hr)*	Temp 10.9 °C2	Temp 11.00 °C** @1130hr	Temp ____ °C
BP: 757.6 Adj BP 761.3	DO 11.2 mg/l4	DO 11.64 mg/l**	DO ____ mg/l

Comments Alt: 125 ft

these parameter readings are from 1135hr, Surveyor #1 would not give any readings. I had to disconnect and reconnect the serial port before it read correctly.

7 Air Temperature 16 °C **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: NNE

Other Sampling Notes: Manitou Flow: 44900cfs @1030hr, HOL flow 43500cfs @ 1113hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Forebay #5 **Investigator(s):** AER

DATE 04/13/21 (m m d d y y) **PURPOSE** [i]

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code [3]
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 170.86 ft TR 115.72 ft @ 0854hr

U3 off

No. of Units Operating [11] (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0730 (prevailing, 24 hr) * CAL Temp 18.0 °C CAL DO 9.5 (mg/l)

Meter # 48938 Meter Temp 17.7 °C Meter DO 9.45 (mg/l)

Meter adj. to ok °C Meter adj to ok (mg/l)

Comments BP: 746.3 mmHg

AH: 530 ft Adj BP: 760.8 mmHg

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0900 (24 hr)*	Temp 14.5 °C	Temp 14.46 °C **	Temp ____ °C
	DO 10.1 mg/l	DO 10.50 mg/l ** @ 0900 hr	DO ____ mg/l

Comments BP: 756.8 mmHg Adj BP 761.4 mmHg AH: 190

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0901 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 0904 (24 hr) *

Applicable Maintenance Performed: 2

1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: [ ]* Cal Temp _____ (°C) Cal DO [ ][ ].[ ] (mg/l)

Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: [ ]* Cal Temp _____ (°C) Cal DO [ ][ ].[ ] (mg/l)

Time that the monitor was redeployed in the Tailrace 0910 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0930 (24 hr)*	Temp 14.5 °C	Temp 14.46 °C**	Temp ____ °C
BP: 757.0 Adj BP: 761.7	DO 10.1 mg/l	DO 10.48 mg/l ** @ 0930 hr	DO ____ mg/l

Comments AH: 190

7 Air Temperature 47°F 8.3°C °C Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 7mph North

Other Sampling Notes: Marietta Flow - 67,900 cfs @ 0830hr, SH: 58KCFS

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Piney Channel **Investigator(s):** ACS

DATE 04 13 21 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 3
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 170.61 ft TR: 116.11 ft @0945hr

U3 off

No. of Units Operating 11 (0 to 12) Flow from Legacy Powerhouse Evident: **YES** or **NO** (circle one)

Flow from New Powerhouse: **YES** or **NO** (circle one) Flow in Piney Channel Evident: **YES** or **NO** (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time (prevailing, 24 hr) *	0730	**CAL Temp**	18.0 °C	**CAL DO**	9.5 (mg/l)
		Meter Temp	17.7 °C	Meter DO	9.45 (mg/l)
Meter #	48938	Meter adj. to	okay °C	Meter adj to	Ok (mg/l)

Comments BP: 746.3 mmHg Adj BP: 760.8 mmHg
AH: 53 ft

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	**Handheld DO Meter**	**Continuous Monitor**	**Additional Meter**
1000 (24 hr)*	Temp 14.6 °C3	Temp 14.56 °C **	Temp ____ °C
BP: 758.2 mmHg Adj BP: 761.8 mmHg	DO 10.4 mg/l6	DO 10.96 mg/l ** @1600 hr	DO ____ mg/l

Comments Alt. 150

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1001 (prevailing, 24 hr) *

Data Download Location: Onsite (Lab or Onsite) **Time of Download:** 1006 (24 hr) *

Applicable Maintenance Performed: 2 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration* **Method Used:** ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * **Cal Temp** _____ (°C) **Cal DO** __ . __ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * **Cal Temp** _____ (°C) **Cal DO** __ . __ (mg/l)

Time that the monitor was redeployed in the Tailrace 1010 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	**Handheld DO Meter**	**Continuous Monitor**	**Additional Meter**
1030 (24 hr)* BP: 758.2 Adj BP: 761.8	Temp 14.6 °C4	Temp 14.60 °C**	Temp ____ °C
	DO 10.5 mg/l7	DO 10.95 mg/l** @1100 hr	DO ____ mg/l

Comments Alt. 150

7 Air Temperature 10 °C (50°F) **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 7 mph N

Other Sampling Notes: Marietta: 68,300 cfs @0800hr SH: 58KCFS U20 Bare logger DLE 1012hr
Considerable spill coming over the boards

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood tailrace **Investigator(s) :** AES

DATE 0 4 1 3 2 1 (m m d d y y)

PURPOSE 1
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 2
1=Clear 2=P. Cloudy 3=Overcast
4=LLRain 5= H. Rain 6=Fog/Haze

tested U3 - 1045 hr U3 off

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 170.80 ft TR: 116.0 ft. @ 1057

No. of Units Operating 1 X 2 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0730 (prevailing, 24 hr) *	CAL Temp	18.0 °C	CAL DO	9.5	(mg/l)
	Meter Temp	17.7 °C	Meter DO	9.45	(mg/l)
Meter # 48938	Meter adj. to	OK °C	Meter adj to	Ok	(mg/l)

Comments BP: 746.3 mmHg
Alt: 530 ft Adj BP: 760.8 mmHg

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)*	Temp 14.5 °C 5	Temp 14.54 °C **	Temp ___ °C
BP: 758.9 mmHg Adj BP: 762.5 mmHg Alt: 125	DO 10.0 mg/l 8	DO 10.35 mg/l ** @1100 hr	DO ___ mg/l

Comments

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1101 (prevailing, 24 hr) *
Data Download Location: onsite (Lab or Onsite) **Time of Download:** 1104 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced;
4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration* **Method Used:** ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * **Cal Temp** _____ (°C) **Cal DO** __ . __ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * **Cal Temp** _____ (°C) **Cal DO** __ . __ (mg/l)

Time that the monitor was redeployed in the Tailrace 1108 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1130 (24 hr)*	Temp 14.5 °C 5	Temp 14.52 °C**	Temp ___ °C
BP: 758.8 mmHg Adj BP: 762.5 mmHg	DO 10.0 mg/l 6	DO 10.38 mg/l** @1200 hr	DO ___ mg/l

Comments Alt: 125

7 Air Temperature 10 °C 50°F

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: 8 mph North

Other Sampling Notes: Marietta Flow: 68,800 cfs @ 1030 hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: HOL Forebay #5 **Investigator(s) :** ACS

DATE 0 4 2 0 2 1 (m m d d y y)

PURPOSE 1
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

U19 offline

Forebay Elevation 168.93 ft TR: 113.69 ft @0900hr

No. of Units Operating 1 1 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0838 (prevailing, 24 hr) *
Meter # 48938

CAL Temp	21.8 °C	CAL DO	8.8	(mg/l)
Meter Temp 21.1	21.7 °C	Meter DO	8.75	(mg/l)
Meter adj. to	Okay °C	Meter adj to	Okay	(mg/l)

Comments BP: 753.5 mmHg
Adj BP: 760.2 mmHg
Alt: 246 ft

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0900 (24 hr)*	Temp 13.1 °C 4	Temp 13.08 °C **	Temp ___ °C
	DO 11.2 mg/l 2	DO 11.56 mg/l **	DO ___ mg/l

Comments BP: 753.9
Adj BP: 758.6
Alt: 190
@0900hr

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0902 (prevailing, 24 hr) *
Data Download Location: Onsite (Lab or Onsite) Time of Download: 0907 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * Cal Temp _____ (°C) Cal DO __ . __ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * Cal Temp _____ (°C) Cal DO __ . __ (mg/l)

Time that the monitor was redeployed in the Tailrace 0913 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0930 (24 hr)*	Temp 13.1 °C 2	Temp 13.18 °C**	Temp ___ °C
	DO 11.2 mg/l 4	DO 11.53 mg/l**	DO ___ mg/l

Comments BP 753.9 mmHg
Adj BP 758.6 mmHg
Alt 190
@0930hr

7 Air Temperature 15 °C (59F)

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: North 2mph Small Observer next to gate 8 is dropped.

Other Sampling Notes: lots of sand and grit in the U26 tube. ~~No split except some~~ bottom of the boards leakage
Marietta: 43,200 cfs @0830hr. ~~[illegible]~~ SH flow: 41 KCFS

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: HOL Piney Channel **Investigator(s):** ACS

DATE 04 20 21 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 169.8 FT TR: 113.69 FT

U19 offline

No. of Units Operating 11 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0838 (prevailing, 24 hr) * CAL Temp 21.8 °C CAL DO 8.3 (mg/l)

Meter # 48938 Meter Temp 21.7 °C Meter DO 8.75 (mg/l)

Meter adj. to Okay °C Meter adj to Okay (mg/l)

Comments BP: 753.5 mmHg
Adj BP: 760.2 mmHg
Alt: 246 ft

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1000 (24 hr)*	Temp 13.2 °C	Temp 13.14 °C **	Temp ____ °C
BP 754.8 mmHg Adj BP 758.6 mmHg	DO 11.2 mg/l	DO 11.65 mg/l ** @ 1000 hr	DO ____ mg/l

Comments Alt: 150 ft

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1001 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 1005 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * Cal Temp _____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * Cal Temp _____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1008 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 13.2 °C	Temp 13.20 °C**	Temp ____ °C
BP: 754.7 mmHg Adj BP: 758.3 mmHg	DO 11.2 mg/l	DO 11.59 mg/l** @ 1030 hr	DO ____ mg/l

Comments Alt: 150 ft

7 Air Temperature 18.33 °C 65 **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 1-2 mph North

Other Sampling Notes: Spill from Small observer Next to gate 8. Downloaded Birdlogger @ 1010

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: HOL Tailrace **Investigator(s):** ACS

DATE 0 4 2 0 2 1 (m m d d y y)

PURPOSE 1
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 168.23 TR: 113.41 @ 1052hr

U19 offline

No. of Units Operating 1 1 (0 to 12) Flow from Legacy Powerhouse Evident: **YES** or **NO** (circle one) ~~40,425~~

Flow from New Powerhouse: **YES** or **NO** (circle one) Flow in Piney Channel Evident: **YES** or **NO** (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0838 (prevailing, 24 hr) * CAL Temp 21.8 °C CAL DO 8.8 (mg/l)

Meter # 48938 Meter Temp 21.0 °C Meter DO 8.75 (mg/l)

Meter adj. to Okay °C Meter adj to Okay (mg/l)

Comments BP: 753.5 mmHg
Adj BP: 760.2 mmHg
Alt: 246 ft

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1 1 0 0 (24 hr)* BP 755.6 mmHg Adj BP 759.7 mm Hg Alt 125 ft	Temp 1 3 . 1 °C	Temp 13.12 °C **	Temp ____ °C
	DO 1 1 . 0 mg/l 8	DO 11.51 mg/l ** @ 1168 hr	DO ____ mg/l

Comments

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1 1 0 1 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 1 1 0 4 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: _____ * Cal Temp _____ (°C) Cal DO ☐☐ . ☐ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: _____ * Cal Temp _____ (°C) Cal DO ☐☐ . ☐ (mg/l)

Time that the monitor was redeployed in the Tailrace 1 1 1 0 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1 1 3 0 (24 hr)* BP 755.6 mmHg Adj BP: 759.4 mmHg Alt 125 ft	Temp 1 3 . 1 °C 2	Temp 13.18 °C**	Temp ____ °C
	DO 1 1 1 . 0 mg/l 9	DO 11.45 mg/l** @ 1136 hr	DO ____ mg/l

Comments

7 Air Temperature 20.6 °C (69°F) Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: North 1-3 mph

Other Sampling Notes: SH cfs: 40,425 cfs @ 1052hr. Spill from small observer gate next to gate 8. Some spill leaking from under boards. Marietta flow 43 KCFS @ 1130

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Forebay #5 **Investigator(s):** ACS

DATE 0 4 2 7 2 1 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 168.18 FT TR: 111.54 FT @ 0845hr

US, 8, 9 offline

No. of Units Operating 1 1 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0800 (prevailing, 24 hr) * CAL Temp 21 °C CAL DO ~~8.7~~ 8.9 (mg/l)

Meter # 48938 Meter Temp 21.1 °C Meter DO 8.2 (mg/l)

Meter adj. to Okay °C Meter adj to Okay 8.9 (mg/l)

Comments BP: 756.7mm Hg

Alt: 177 ft Adj BP: 761.6 mm Hg

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0900 (24 hr)*	Temp 12.8 °C	Temp 12.82 °C **	Temp ____ °C
	DO 11.8 mg/l	DO 12.08 mg/l **	DO ____ mg/l

Comments BP: 756.8 mm Hg Adj BP: 761.5 mm Hg Alt: 190 ft @ 0900 hr

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0 9 0 1 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 0 9 0 5 (24 hr) *

Applicable Maintenance Performed: 2

1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: _____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: _____ * Cal Temp _____ (°C) Cal DO _____ . _____ (mg/l)

Method Used: _____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: _____ * Cal Temp _____ (°C) Cal DO _____ . _____ (mg/l)

Time that the monitor was redeployed in the Tailrace 0 9 1 0 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0930 (24 hr)*	Temp 12.9 °C	Temp 12.92 °C**	Temp ____ °C
BP: 756.6 Adj BP 761.2	DO 11.8 mg/l	DO 12.13 mg/l**	DO ____ mg/l

Comments Alt: 190 ft @ 0930 hr

7 Air Temperature 10 °C (50°F)

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 2-3 ENE

Other Sampling Notes: Water Temp 54.93°F, SH Flow: 23,574 cfs, Marietta Flow: 28,200 cfs

Wind 2-3 ENE

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Piney Channel **Investigator(s) :** ACS

DATE 0 4 2 7 2 1 (m m d d y y)

PURPOSE 1
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 168.18 ft TR: 111.54 ft

No. of Units Operating 1 1 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0800 (prevailing, 24 hr) *
Meter # 48938

CAL Temp	21 °C	CAL DO	8.9 (mg/l)
Meter Temp	21.1 °C	Meter DO	8.2 (mg/l)
Meter adj. to	Okay °C	Meter adj to	8.9 (mg/l)

Comments BP: 756.7 mmHg
Adjusted BP: 761.7 mmHg
Alt: 177 ft

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1000 (24 hr)*	Temp 12.9 °C 1	Temp 12.84 °C **	Temp ____ °C
BP: 757.2 Adj BP: 760.7 Alt: 150	DO 11.9 mg/l 9	DO 12.20 mg/l ** @ 1000 hr	DO ____ mg/l

Comments

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1001 (prevailing, 24 hr) *
Data Download Location: onsite (Lab or Onsite) Time of Download: 1004 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced;
4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1010 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 12.9 °C 7	Temp 12.96 °C**	Temp ____ °C
BP 756.9 Adj BP 760.5	DO 12.0 mg/l 4	DO 12.34 mg/l** @ 1030 hr	DO ____ mg/l

Comments Alt: 150

7 Air Temperature 13 °C (55.4°F)

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: -23 mph ENE

Other Sampling Notes: Very slight spill (leakage) occuring from under the boards. Marietta flow: 28,200 cfs @ 0930 hr
fe waters APP @ 0945 hr: Forebay: 167.73 ft, TR: 111.52 ft. BP Hobo DL @ 1012

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Tailrace **Investigator(s):** NG

DATE 0 4 2 7 2 1 (m m d d y y)

PURPOSE 1
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 168.18 FT TR: 111.54 Ft

No. of Units Operating 1 1 (0 to 12) Flow from Legacy Powerhouse Evident: **YES** or **NO** (circle one)

Flow from New Powerhouse: **YES** or **NO** (circle one) Flow in Piney Channel Evident: **YES** or **NO** (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0800 (prevailing, 24 hr) *	CAL Temp	21 °C	CAL DO	8.9	(mg/l)
	Meter Temp	21.1 °C	Meter DO	8.2	(mg/l)
Meter # 48938	Meter adj. to	Okay °C	Meter adj to	8.9	(mg/l)

Comments BP: 756.7mmHg
Adjusted BP: 761.6mmHg Alt: 177 Ft

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1 1 0 0 (24 hr)* BP: 757.4 Adj BP: 761.4 Alt: 125 Ft	Temp 1 2 . 9 °C	Temp 12.94 °C **	Temp ____ °C
	DO 1 1 . 7 mg/l	DO 12.07 mg/l ** @ 1100 hr	DO ____ mg/l

Comments

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1 1 0 1 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) **Time of Download:** 1 1 0 4 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration* **Method Used:** _____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: _____ * **Cal Temp** _____ (°C) **Cal DO** _____ . _____ (mg/l)

Method Used: _____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: _____ * **Cal Temp** _____ (°C) **Cal DO** _____ . _____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1 1 0 8 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1 1 3 0 (24 hr)* BP 757.1 Adj BP: 760.8	Temp 1 2 . 9 °C 6	Temp 12.98 °C**	Temp ____ °C
	DO 1 1 . 8 mg/l 0	DO 12.07 mg/l** @ 1130 hr	DO ____ mg/l

Comments Alt: 125 Ft.

7 Air Temperature 20 °C (68F) Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 2-3 ENE Forebay: 167.88 Ft TR: 111.21 Ft @ 1150 hr

Other Sampling Notes: @ 1020 hr Muddy Flow: 28,100 cfs SH flow: 27000 cfs

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: HOL Forebay #5 **Investigator(s):** AGS

DATE 05/04/21 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 6
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

U#1 is down

Forebay Elevation 170.50 ft TR: 117.23 ft @0845

No. of Units Operating 13 (0 to 14) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0800 (prevailing, 24 hr) * CAL Temp 21.8 °C CAL DO 8[illegible].8 (mg/l)

Meter # 41893 8 Meter Temp 21.1 21.7 °C Meter DO 8.77 (mg/l)

Meter adj. to Okay °C Meter adj to Okay (mg/l)

Comments Alt 1177 ft BP: 748.0 mmHg
Adj BP: 752.8 mmHg

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0830 (24 hr)*	Temp 16.8 °C	Temp 16.76 °C **	Temp ____ °C
BP 748.1 mmHg Adj BP: 752.7 mmHg	DO 09.5 mg/l	DO 9.39 mg/l **	DO ____ mg/l

Comments Alt: 190

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0831 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) **Time of Download:** 0838 (24 hr) *

Applicable Maintenance Performed: 2

1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration* Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * Cal Temp _____ (°C) Cal DO ____.__ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * Cal Temp _____ (°C) Cal DO ____.__ (mg/l)

Time that the monitor was redeployed in the Tailrace 0842 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0906 (24 hr)*	Temp 16.8 °C	Temp 16.80 °C**	Temp ____ °C
BP: 748.6 mmHg Adj BP: 753.2 mmHg	DO 09.5 mg/l	DO 9.59 mg/l**	DO ____ mg/l

Comments Alt: 190 @0900 hr

7 Air Temperature 15.56 °C **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 7mph WNW

Other Sampling Notes: SH Flow: 61,191 cfs HOL water temp: 62.67°F, Marietta Flow: 61,200 cfs

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: HOL Piney Channel **Investigator(s):** ACS

DATE 0 5 0 4 2 1 (m m d d y y)

PURPOSE 1
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 6/1
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 170.50ft TR:117.23 ft

U4 is offline

No. of Units Operating 13 (0 to ~~14~~ 14) Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0800 (prevailing, 24 hr) *
Meter # 48938
Comments BP:748.0 Adj BP:752.8 Alt:177 ft

CAL Temp	21.8 °C	CAL DO	8.8 (mg/l)
Meter Temp	21.7 °C	Meter DO	8.77 (mg/l)
Meter adj. to	okay °C	Meter adj to	okay (mg/l)

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time 0930 (24 hr)* BP:749.8 Adj BP:753.2 Alt:150ft
Comments

Handheld DO Meter	Continuous Monitor	Additional Meter
Temp 16.9 °C 0	Temp 16.84 °C **	Temp ____ °C
DO 10.0 mg/l 5	DO 9.97 mg/l ** @0930hr	DO ____ mg/l

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0931 (prevailing, 24 hr) *
Data Download Location: Onsite (Lab or Onsite) Time of Download: 0934 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced;
4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 0939 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time 1000 (24 hr)* BP:750.0 Adj BP:753.4 Alt:150ft
Comments

Handheld DO Meter	Continuous Monitor	Additional Meter
Temp 16.9 °C 3	Temp 16.92 °C**	Temp ____ °C
DO 09.9 mg/l 9	DO 10.07 mg/l** @1000hr	DO ____ mg/l

7 Air Temperature 18.84 °C

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: 7mph WNW

BP Hobo DL: @0942

Other Sampling Notes: Adequate spill coming over the boards. Marietta Flow: 60,400 @ 0930
*Surveyor 1 would not give any parameters. I changed to surveyor 2.

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: HOL Tailrace **Investigator(s):** AGS

DATE 05/04/21 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 170.12 ft TR: 117.20 @ 1055

No. of Units Operating 13 (0 to 14) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time (prevailing, 24 hr) *	0800	**CAL Temp**	21.8 °C	**CAL DO**	8.8 (mg/l)
		Meter Temp	21.7 °C	Meter DO	8.77 (mg/l)
Meter #	48938	Meter adj. to	Okay °C	Meter adj to	Okay (mg/l)

Comments Alt: 1775' BP 748.0 Adj BP 752.9

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	**Handheld DO Meter**	**Continuous Monitor**	**Additional Meter**
1030 (24 hr)* BP 750.9 Adj BP 754.4	Temp 16.8 °C	Temp 16.84 °C **	Temp °C
	DO 09.4 mg/l	DO 9.40 mg/l ** @ 1036 hr	DO mg/l

Comments Alt: 125 ft

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1031 (prevailing, 24 hr) *

Data Download Location: Onsite (Lab or Onsite) **Time of Download:** 1035 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration* **Method Used:** _____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: _____ * **Cal Temp** _____ (°C) **Cal DO** _____ . _____ (mg/l)

Method Used: _____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: _____ * **Cal Temp** _____ (°C) **Cal DO** _____ . _____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1040 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	**Handheld DO Meter**	**Continuous Monitor**	**Additional Meter**
1100 (24 hr)* BP 750.6 Adj BP 754.1	Temp 16.8 °C	Temp 16.94 °C**	Temp °C
	DO 09.5 mg/l	DO 9.61 mg/l** @ 1108 hr	DO mg/l

Comments Alt 125 ft

7 Air Temperature 21.67 °C

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 9 mph WNW

Other Sampling Notes: Marietta Flow 59,700 cfs SH Flow: 57,282 cfs. @ 1030

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: HOL Forebay #5 **Investigator(s):** ACS

DATE 05/12/21 (m m d d y y)

PURPOSE [1]
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code [1]
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 1689.80 TR: 117.72

Full House

No. of Units Operating [14] (0 to 14)

Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one)

Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time	0747 (prevailing, 24 hr) *	CAL Temp	21.6 °C	CAL DO	8.8 (mg/l)
Meter #	48932	Meter Temp 21.7	22.0 °C	Meter DO	8.78 (mg/l)
		Meter adj. to	Okay °C	Meter adj to	Okay (mg/l)

Comments BP 757.4 Adj BP 762.8 Alt: 196

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0830 (24 hr)*	Temp 13.4 °C	Temp 13.38 °C **	Temp ____ °C
BP 757.9 Adj BP 762.6	DO 10.5 mg/l	DO 10.59 mg/l ** @0830	DO ____ mg/l

Comments Alt 190

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0831 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) **Time of Download:** 0834 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration* **Method Used:** [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: [ ] * **Cal Temp** _____ (°C) **Cal DO** [ ].[ ] (mg/l)

Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: [ ] * **Cal Temp** _____ (°C) **Cal DO** [ ].[ ] (mg/l)

Time that the monitor was redeployed in the Tailrace 0839 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0900 (24 hr)*	Temp 13.4 °C	Temp 13.40 °C**	Temp ____ °C
BP: Adj BP:	DO 10.5 mg/l	DO 10.65 mg/l** @0900hr	DO ____ mg/l

Comments Alt:

54 **7 Air Temperature** 12.22 °C **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 4mph NW

Other Sampling Notes: SH Flow: 65,075cfs, Marietta Flow: 70,100cfs @0900hr
Experienced difficulty removing the DO monitor from PVC tube. Lots of grit in tube.

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: HOL Piney Channel **Investigator(s):** ACS

DATE 0 5 1 1 2 1 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 169.80 TR: 117.72

No. of Units Operating 1 4 (0 to 12) Flow from Legacy Powerhouse Evident: **YES** or **NO** (circle one)
Flow from New Powerhouse: **YES** or **NO** (circle one) Flow in Piney Channel Evident: **YES** or **NO** (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time (prevailing, 24 hr) *	0747	**CAL Temp**	21.6 °C	**CAL DO**	8.8 (mg/l)
		Meter Temp	22.0 °C	Meter DO	9.28 (mg/l)
Meter #	48932	Meter adj. to	Okay °C	Meter adj to	okay (mg/l)

Comments BP: 757.4 Adj BP: 762.8 Alt 196

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	**Handheld DO Meter**	**Continuous Monitor**	**Additional Meter**
0930 (24 hr)*	Temp 13.6 °C 6	Temp 13.58 °C **	Temp ____ °C
BP 758.8 Adj BP 762.3	DO 10.4 mg/l 1	DO 10.57 mg/l ** @0930hr	DO ____ mg/l

Comments Alt 125

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0931 (prevailing, 24 hr) *
Data Download Location: onsite (Lab or Onsite) **Time of Download:** 0934 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration* **Method Used:** _____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: _____ * **Cal Temp** _____ (°C) **Cal DO** _____ (mg/l)

Method Used: _____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: _____ * **Cal Temp** _____ (°C) **Cal DO** _____ (mg/l)

Time that the monitor was redeployed in the Tailrace 0938 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	**Handheld DO Meter**	**Continuous Monitor**	**Additional Meter**
1000 (24 hr)*	Temp 13.6 °C 9	Temp 13.66 °C**	Temp ____ °C
BP 758.7 Adj BP 762.2	DO 10.5 mg/l 8	DO 10.77 mg/l** @1000hr	DO ____ mg/l

Comments Alt 125

7 **Air Temperature** 13.89 °C **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: 6mph WNW

Other Sampling Notes: Spill coming over entire spillway. Obermeyer gates are still up though. Baro logger DL@0934
Marietta Flow: 70700@0930hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: HOL Tailrace **Investigator(s) :** ACS

DATE 0 5 1 1 2 1 (m m d d y y)

PURPOSE 1
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 170.54 TR: 115.51 @ 1100hr

No. of Units Operating 14 (0 to 12) Flow from Legacy Powerhouse Evident: **YES** or **NO** (circle one)
Flow from New Powerhouse: **YES** or **NO** (circle one) Flow in Piney Channel Evident: **YES** or **NO** (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0747 (prevailing, 24 hr) *
Meter # 48932
CAL Temp 21.6 °C
Meter Temp 22.0 °C
Meter adj. to Okay °C
CAL DO 8.8 (mg/l)
Meter DO 8.78 (mg/l)
Meter adj to Okay (mg/l)

Comments BP 757.4
Adj: BP 762.8 Alt: 196

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time 1030 (24 hr)*
BP 759.3
Adj: BP 763.2
Comments Alt: 125

Handheld DO Meter		Continuous Monitor		Additional Meter	
Temp	13.6 °C	Temp	13.54 °C **	Temp	°C
DO	10.6 mg/l	DO	10.67 mg/l **	DO	mg/l

@ 1030 hr

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1031 (prevailing, 24 hr) *
Data Download Location: Onsite (Lab or Onsite) **Time of Download:** 1034 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced;
4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration* **Method Used:** ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * **Cal Temp** ____ (°C) **Cal DO** __ . _ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * **Cal Temp** ____ (°C) **Cal DO** __ . _ (mg/l)

Time that the monitor was redeployed in the Tailrace 1040 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time 1100 (24 hr)*
BP 759.4
Adj: BP 763.2
Comments Alt 125

Handheld DO Meter		Continuous Monitor		Additional Meter	
Temp	13.7 °C	Temp	13.60 °C**	Temp	°C
DO	10.7 mg/l	DO	10.70 mg/l**	DO	mg/l

@ 1100hr

59 **7 Air Temperature** 15 °C **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: 7 mph WNW

Other Sampling Notes: SH Flow: 75,589 cfs, Flamelta flow: 72,200 cfs
Work is occurring on the PVC sleeve.

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Forebay **Investigator(s):** AES

DATE 05/18/21 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 169.80 ft TR: 113.16

No. of Units Operating 07 (0 to 14) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time (prevailing, 24 hr) *	0830	CAL Temp	20 °C	CAL DO	9.1 (mg/l)
Meter #	48938	Meter Temp	20.8 °C	Meter DO	9.14 (mg/l)
		Meter adj. to	Okay °C	Meter adj to	Okay (mg/l)

Comments BP: 764.4 mm Hg BP: 195
AS: BP: 770.4 mm Hg

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 15.8 °C	Temp 15.74 °C **	Temp ____ °C
BP 764.6 AS: BP 769.3	DO 10.3 mg/l	DO 10.33 mg/l ** @ 1030 hr	DO ____ mg/l

Comments ALT 190

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1031 (prevailing, 24 hr) *

Data Download Location: Onsite (Lab or Onsite) **Time of Download:** 1033 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration* ** **Method Used:** ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * **Cal Temp** _____ (°C) **Cal DO** ____.__ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * **Cal Temp** _____ (°C) **Cal DO** ____.__ (mg/l)

Time that the monitor was redeployed in the Tailrace 1039 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)*	Temp 15.8 °C	Temp 15.90 °C**	Temp ____ °C
BP: 765.4 AS: BP: 770.1	DO 10.3 mg/l	DO 10.36 mg/l** @ 1100 hr	DO ____ mg/l

Comments ALT: 190

7 Air Temperature 23.3 °C

Wind Conditions (Circle one): (Calm) Light Moderate Gusty Strong

Wind Direction: 1 mph NNW

Other Sampling Notes: SH: 35,900 cfs Marietta Flow: 4100 cfs @ 1030 hr, 40,500

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Piney Channel **Investigator(s):** NCS

DATE 05/18/21 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 169.80 ft TR: 113.16 ft

No. of Units Operating 07 (0 to 12) Flow from Legacy Powerhouse Evident: **YES** or **NO** (circle one)

Flow from New Powerhouse: **YES** or **NO** (circle one) Flow in Piney Channel Evident: **YES** or **NO** (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time (prevailing, 24 hr) *	0830	**CAL Temp**	20 °C	**CAL DO**	9.1 (mg/l)
		Meter Temp	20.8 °C	Meter DO	9.14 (mg/l)
Meter #	48938	Meter adj. to	Okay °C	Meter adj to	Okay (mg/l)

Comments BP 764.4 Alt 195
Adj BP 770.4

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1130 (24 hr)*	Temp 15.9 °C **	Temp 15.88 °C **	Temp ____ °C
BP: 765.2			
Adj BP: 768.8	DO 10.4 mg/l **	DO 10.51 mg/l **	DO ____ mg/l
Comments Alt 150		@ 1130 hr	

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1131 (prevailing, 24 hr) *

Data Download Location: Onsite (Lab or Onsite) **Time of Download:** 1034 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration* **Method Used:** ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * **Cal Temp** _____ (°C) **Cal DO** __.__ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * **Cal Temp** _____ (°C) **Cal DO** __.__ (mg/l)

Time that the monitor was redeployed in the Tailrace 1139 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1200 (24 hr)*	Temp 15.9 °C **	Temp 15.96 °C**	Temp ____ °C
BP: 765.0			
Adj BP: 769.1	DO 10.4 mg/l **	DO 10.51 mg/l**	DO ____ mg/l
Comments Alt: 150		1200 hr	

7 Air Temperature 23.8 °C **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 13 NNW

Other Sampling Notes: Small chemyer gate next to gate 7 is open
Marietta Flow: 40,400 cfs @ 1130. BP logger downloaded at 1143.

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Tailrace **Investigator(s):** AES

DATE 05/18/21 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=LL.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 169.54 TR: 113.23

No. of Units Operating 07 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time (prevailing, 24 hr) *	0830	CAL Temp	20 °C	CAL DO	9.01 (mg/l)
Meter #	48938	Meter Temp	20.8 °C	Meter DO	9.14 (mg/l)
		Meter adj. to	Okay °C	Meter adj to	Okay (mg/l)

Comments BP 764.4 Adj BP 770.4
Alt 195

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1230 (24 hr)* BP: 765.7 Adj BP: 769.6 Alt: 125	Temp 15.7 °C	Temp 15.80 °C **	Temp ____ °C
	DO 10.3 mg/l	DO 10.36 mg/l ** @1230hr	DO ____ mg/l

Comments

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1231 (prevailing, 24 hr) *
Data Download Location: Onsite (Lab or Onsite) **Time of Download:** 1237 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____
Calibration Location: ____ (Lab or Onsite)

DO Calibration* Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1242 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1300 (24 hr)* BP: 765.4 Adj BP: 769.0 Alt: 125	Temp 15.7 °C @ 15.77	Temp 15.86 °C**	Temp ____ °C
	DO 10.3 mg/l @ 10.37	DO 10.43 mg/l** @1300hr	DO ____ mg/l

Comments Alt: 125

7 Air Temperature 25 °C Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 13 NNE

Other Sampling Notes: @1245 SH Flow: 41,100 Marietta Flow:
Had to start using Surveyor #2, Surveyor #1 stopped working

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Forebay **Investigator(s):** NCB

DATE 05/25/21 (m m d d y y) **PURPOSE** [1] **Weather Code** [3]

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 164.66 ft TR: 108.00 @ 0900hr

No. of Units Operating [07] (0 to 14) 1,4,7,11,13,18,19

Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one)

Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0805 (prevailing, 24 hr) * | CAL Temp 22.0 °C | CAL DO 9.16 (mg/l)

Meter Temp 22.1 °C 21.9 | Meter DO 9.16 (mg/l) 8.7

Meter # 48938 | Meter adj. to Okay °C | Meter adj to Okay (mg/l)

Comments BP: 762.0 Adj BP: 768.0 Alt: 218ft

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0900 (24 hr)* BP: 762.4 Adj BP: 767.1	Temp 22.6 °C 4	Temp 22.60 °C ** @0960hr	Temp ____ °C
	DO 08.5 mg/l 4	DO 8.15 mg/l **	DO ____ mg/l

Comments Alt 190ft

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0901 (prevailing, 24 hr) *

Data Download Location: Onsite (Lab or Onsite) Time of Download: 0906 (24 hr) *

Applicable Maintenance Performed: 2

1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: [ ] * Cal Temp _____ (°C) Cal DO [ ].[ ] (mg/l)

Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: [ ] * Cal Temp _____ (°C) Cal DO [ ].[ ] (mg/l)

Time that the monitor was redeployed in the Tailrace 0911 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0930 (24 hr)* BP 762.4 Adj BP: 766.7	Temp 22.6 °C 4	Temp 22.36 °C**	Temp ____ °C
	DO 08.4 mg/l 6	DO 8.33 mg/l** @0930hr	DO ____ mg/l

Comments Alt: 190ft

7 Air Temperature 15 °C Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: Imph S

Other Sampling Notes: SH Flow: 18,940cfs, Marietta Flow: 21,200cfs @0830hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Piney Channel **Investigator(s):** DS

DATE 05/25/21 (m m d d y y) **PURPOSE** 1 **Weather Code** 3

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 164.55 ft TR: 108.12 ft @ 0942 hr

No. of Units Operating 07 (0 to 14)
Flow from Legacy Powerhouse Evident: **YES** or **NO** (circle one)
Flow from New Powerhouse: **YES** or **NO** (circle one)
Flow in Piney Channel Evident: **YES** or **NO** (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time (prevailing, 24 hr) *		**CAL Temp**	°C	**CAL DO**	(mg/l)
		Meter Temp	°C	Meter DO	(mg/l)
Meter #		Meter adj. to	°C	Meter adj to	(mg/l)

Comments BP Adj BP Alt:

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1000 (24 hr)* BP 763.2 Adj BP 766.9 Alt: 150 ft	Temp 22.6 °C |	Temp 22.54 °C **	Temp °C
	DO 08.6 mg/l3	DO 7.91 mg/l ** @ 1000 hr	DO mg/l

Comments

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1001 (prevailing, 24 hr) *
Data Download Location: Onsite (Lab or Onsite) **Time of Download:** 1003 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____
Calibration Location: _____ (Lab or Onsite)
DO Calibration* **Method Used:** [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: [ ] * **Cal Temp** _____ (°C) **Cal DO** [ ].[ ] (mg/l)
Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: [ ] * **Cal Temp** _____ (°C) **Cal DO** [ ].[ ] (mg/l)
Time that the monitor was redeployed in the Tailrace 1009 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)* BP: 763.1 Adj BP: 766.7	Temp 22.6 °C4	Temp 22.48 °C**	Temp °C
	DO 08.6 mg/l2	DO 8.53 mg/l** @ 1030 hr	DO mg/l

Comments Alt: 150 ft

7 Air Temperature 15 °C **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: 1-2 S

Other Sampling Notes: BP Hobo DL @ 0943 hrs. Marietta Flow: 21,200 cfs @ 0930 hrs. No spill
DO Hobo is downstream of original position. Maintenance is performing board work.

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Tailrace **Investigator(s) :** ACS

DATE 0 5 2 5 2 1 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 3
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: **Forebay Elevation** 164.49 TR: 108.7@1125

No. of Units Operating 0 7 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0805 (prevailing, 24 hr) *	CAL Temp	22.0 °C	CAL DO	9.16 (mg/l)
	Meter Temp	22.1 °C	Meter DO	8.7 (mg/l)
Meter # 48938	Meter adj. to	Okay °C	Meter adj to	Okay (mg/l)

Comments BP: 762.0 Adj BP: 768.0
Alt: 219 ft

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)* BP: 763.9 Adj BP: 767.5	Temp 22.6 °C 5	Temp 22.64 °C **	Temp ____ °C
	DO 08.4 mg/l 8	DO 8.12 mg/l ** @1100hr	DO ____ mg/l

Comments Alt: 125

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1101 (prevailing, 24 hr) *
Data Download Location: Onsite (Lab or Onsite) Time of Download: 1105 (24 hr) *
Applicable Maintenance Performed: 2 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1110 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1130 (24 hr)* BP: 763.8 Adj BP: 767.5	Temp 22.6 °C 6	Temp 22.60 °C**	Temp ____ °C
	DO 08.4 mg/l 2	DO 8.29 mg/l** @1130hr	DO ____ mg/l

Comments Alt: 125

7 Air Temperature 17.2 °C **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: 1-3 South
Other Sampling Notes: Marietta Flow: 21,000 cfs. SH Flow: 21,316 @ 1125

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: HOL Forebay **Investigator(s):** ACS

DATE 06/01/21 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 167.91 ft TR: 167.4 ft

No. of Units Operating 07 (0 to 14) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time	0930	**CAL Temp**	22.2 °C	**CAL DO**	8.7 (mg/l)
(prevailing, 24 hr) *		Meter Temp	22.7 °C	Meter DO	9.2 (mg/l)
Meter #	48938	Meter adj. to	okay °C	Meter adj to	okay (mg/l)

Comments BP: 762.0 Alt: 218
Adj BP: 768.0

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)* BP: 761.9 Adj BP: 766.5	Temp 19.2 °C5	Temp 19.14 °C **	Temp ____ °C
	DO 08.8 mg/l0	DO 8.46 mg/l ** @ 1103 hr	DO ____ mg/l

Comments Alt: 190

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1101 (prevailing, 24 hr) *

Data Download Location: Onsite (Lab or Onsite) **Time of Download:** 1104 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration* **Method Used:** ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * **Cal Temp** _____ (°C) **Cal DO** __.__ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * **Cal Temp** _____ (°C) **Cal DO** __.__ (mg/l)

Time that the monitor was redeployed in the Tailrace 1109 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1130 (24 hr)* BP: 761.6 Adj BP: 766.3	Temp 19.3 °C5	Temp 19.34 °C**	Temp ____ °C
	DO 08.7 mg/l4	DO 8.65 mg/l** @ 1205 hr 8.65	DO ____ mg/l

Comments Alt: 190

7 Air Temperature 22.8 °C

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: I-3 South

Other Sampling Notes: Marietta Flow: 32,300 @ 1030 SH Flow: 19,797 cfs @ 1055

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Piney Channel **Investigator(s):** AES

DATE 0 6 0 1 2 1 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 167.91 Ft TR: 107.4 Ft.

No. of Units Operating 0 7 (0 to 14) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time (prevailing, 24 hr) *	0930	CAL Temp	22.2 °C	CAL DO	8.7 (mg/l)
		Meter Temp	22.7 °C	Meter DO	9.2 (mg/l)
Meter #	48938	Meter adj. to	Okay °C	Meter adj to	Okay (mg/l)

Comments BP: 762.0
Adj BP 768.0 Alt 218

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1200 (24 hr)* BP: 762.2 Adj BP: 765.8	Temp 19.2 °C 6	Temp 19.24 °C **	Temp ____ °C
	DO 08.6 mg/l 0	DO 8.34 mg/l ** @1200 hr	DO ____ mg/l

Comments Alt: 150

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1201 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) **Time of Download:** 1205 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration* **Method Used:** _____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: _____ * **Cal Temp** _____ (°C) **Cal DO** __ . __ (mg/l)

Method Used: _____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: _____ * **Cal Temp** _____ (°C) **Cal DO** __ . __ (mg/l)

Time that the monitor was redeployed in the Tailrace 1208 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1230 (24 hr)* BP: 762.0 Adj BP: 765.6	Temp 19.2 °C 7	Temp 19.26 °C**	Temp ____ °C
	DO 08.5 mg/l 9	DO 8.44 mg/l** @1230 hr	DO ____ mg/l

Comments Alt: 150

7 Air Temperature 22.9 °C **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 2 SSE

Other Sampling Notes: BP Photo DLE 1212. Marietta Flow: 32,300 cfs @ 1130 hr
No spill

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Tailrace **Investigator(s):** ACS

DATE 06/01/21 (m m d d y y) **PURPOSE** 1 **Weather Code** 2

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

DN 1,11,13 16,19

1 PROJECT FLOW / RELEASE CONDITIONS: **Forebay Elevation** 168.17** TR: 109.72 FT @ 1313hr

No. of Units Operating 05 (0 to 14) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time (prevailing, 24 hr) *	0930	CAL Temp	22.2 °C	CAL DO	8.7 (mg/l)
		Meter Temp	22.7 °C	Meter DO	9.2 (mg/l)
Meter #	48938	Meter adj. to	Okay °C	Meter adj to	Okay (mg/l)

Comments [redacted] BP: 762.0 Adj BP: 768.0 Alt: 218

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1300 (24 hr)* BP: 762.9 Adj BP: 766.6 Alt: 125	Temp 19.1 °C	Temp 19.16 °C **	Temp ____ °C
	DO 08.9 mg/l	DO 8.60 mg/l ** @1300hr	DO ____ mg/l

Comments

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1301 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 1304 (24 hr) *

Applicable Maintenance Performed: 2

1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: _____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: _____ * Cal Temp _____ (°C) Cal DO ____.__ (mg/l)

Method Used: _____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: _____ * Cal Temp _____ (°C) Cal DO ____.__ (mg/l)

Time that the monitor was redeployed in the Tailrace 1310 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1330 (24 hr)* BP: 762.7 Adj BP: 766.9 Alt: 125	Temp 19.1 °C	Temp 19.16 °C**	Temp ____ °C
	DO 08.9 mg/l	DO 8.82 mg/l** @1400hr	DO ____ mg/l

Comments

7 Air Temperature 23 °C **Wind Conditions** (Circle one): (Calm) Light Moderate Gusty Strong

Wind Direction: 1-3 SSE

Other Sampling Notes: Marietta Flow: 33,000 cfs @ 1230hr SH Flow: 31,867 cfs @ 1313hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Forebay **Investigator(s):** SWA

DATE 06/08/21 (m m d d y y) **PURPOSE** 1 + 2

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 2
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 169.01 TR=110.69 @1012hr

No. of Units Operating 8 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one) 75.75 H_2O temp.

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

ARCH MSS

Time 0925 (prevailing, 24 hr) * CAL Temp 23.0 °C CAL DO 8.54 (mg/l)

Meter # 48938 Meter Temp 23.2 °C Meter DO 8.50 (mg/l)

Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP=757.26

AH=211.7 Adj BP=763.06

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 24.6 °C 9	Temp 24.58 °C **	Temp ____ °C
	DO 8.7 mg/l 6	DO 8.23 mg/l ** @1030hr	DO ____ mg/l

Comments BP=757.64

AH=190' Adj BP 762.55

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1031 (prevailing, 24 hr) *

Data Download Location: On Site (Lab or Onsite) Time of Download: 1037 (24 hr) *

Applicable Maintenance Performed: 2 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * Cal Temp _____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * Cal Temp _____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1044 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1110 (24 hr)*	Temp 24.7 °C 1	Temp 24.70 °C**	Temp ____ °C
BP=757.75	DO 8.7 mg/l 5	DO 8.93 mg/l** @1130hr	DO ____ mg/l

Comments AH=190' Adj BP=762.61

7 Air Temperature 27.8 °C 82 F **Wind Conditions** (Circle one): Calm (Light) Moderate Gusty Strong

Wind Direction: WSW 5mph

Other Sampling Notes: minor fouling on sensor cap.

Marietta Flow = 30,800 cfs @ 1100 hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Piney Channel Investigator(s): SWA

DATE 06/08/21 (m m d d y y) PURPOSE 1 & 2

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 2
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: Forebay Elevation 169.36 TR = 112.48 @ 1151 hr FB-169.01 7/01/21 TR-110.69

No. of Units Operating 8 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5

Time 0925 (prevailing, 24 hr) * CAL Temp 23.0 °C CAL DO 8.54 (mg/l)

Meter # 48938 Meter Temp 23.2 °C Meter DO 8.50 (mg/l)

Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP = 757.26 Alt = 211.7 Adj BP = 763.06

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1130 (24 hr)*	Temp 25.0 °C	Temp 24.92 °C **	Temp ____ °C
	DO 9.1 mg/l	DO 8.93 mg/l ** @ 1136 hr	DO ____ mg/l

Comments BP = 758.60 Alt = 150' Adj BP = 762.92

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1131 (prevailing, 24 hr) *

Data Download Location: on site (Lab or Onsite) Time of Download: 1138 (24 hr) *

Applicable Maintenance Performed: 2

1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * Cal Temp _____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * Cal Temp _____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1145 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1200 (24 hr)*	Temp 25.0 °C	Temp 25.12 °C**	Temp ____ °C
BP = 758.31	DO 9.1 mg/l	DO 9.44 mg/l ** @ 1230 hr	DO ____ mg/l

Comments Alt = 150 Adj BP = 761.84

7 Air Temperature 27.8 °C (82F) **Wind Conditions** (Circle one): Calm (Light) Moderate Gusty Strong

Wind Direction: W-6 mph

Other Sampling Notes: Manitta flow = 30,800 cfs @ 1200 hr; minor fouling on sensor cap
No water going over boards or gates

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Tailrace **Investigator(s):** SWA

DATE 5 6 0 8 2 1 (m m d d y y) **PURPOSE** 1 + 2 **Weather Code** 2

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: Forebay Elevation 169.84 TR=116.1' @1251 hr FB-169.01 >1012 hr TR-110.69

No. of Units Operating 8 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0925 (prevailing, 24 hr) * CAL Temp 23.0 °C CAL DO 8.54 (mg/l)

AACH MS5

Meter # 48938 Meter Temp 23.2 °C Meter DO 8.50 (mg/l)

Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP=757.26
Alt=211.7 Adj BP=763.06

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1230 (24 hr)*	Temp 24.8 °C 4	Temp 24.76 °C **	Temp ____ °C
	DO 8.7 mg/l 6	DO 8.71 mg/l ** @1230 hr	DO ____ mg/l

Comments BP=758.43
Alt=125 Adj BP=761.89

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1234 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 1242 (24 hr) *

Applicable Maintenance Performed: 2 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____.__ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____.__ (mg/l)

Time that the monitor was redeployed in the Tailrace 1247 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1300 (24 hr)*	Temp 24.9 °C 3	Temp 25.14 °C**	Temp ____ °C
BP=758.38	DO 8.8 mg/l 3	DO 8.79 mg/l** @1300 hr	DO ____ mg/l

Comments Alt=125 Adj BP=761.81

7 Air Temperature 31.1 °C 88 **Wind Conditions** (Circle one): Calm (Light) Moderate Gusty Strong

Wind Direction: W 7 mph

Other Sampling Notes: Marietta flow=30,800 cfs @ 1300 hr; minor fouling on sensor cap

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Forebay **Investigator(s):** AES

DATE 06/15/21 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 169.3 ft TR: 109.25 ft @1016hr

1,11,13,18,19 **No. of Units Operating** 05 (0 to 14)

Flow from Legacy Powerhouse Evident: **YES** or NO (circle one)

Flow from New Powerhouse: **YES** or NO (circle one)

Flow in Piney Channel Evident: **YES** or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0850 (prevailing, 24 hr) *

Meter # 48938

CAL Temp	22.0	°C	CAL DO	8.72	(mg/l)
Meter Temp	22.5	°C	Meter DO	8.43	(mg/l)
Meter adj. to	Okay	°C	Meter adj to	okay	(mg/l)

Comments BP: 749.8
Adj BP: 755.8 Alt: 218

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 24.2 °C2	Temp 24.16 °C **	Temp ____ °C
BP: 750.3 754.9 Adj BP: [redacted]	DO 07.1 mg/l0	DO 6.83 mg/l **	DO ____ mg/l
Comments Alt: 190		@1030 hr	

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1031 (prevailing, 24 hr) *

Data Download Location: Onsite (Lab or Onsite) **Time of Download:** 1033 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration* ** **Method Used:** ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * **Cal Temp** ____ (°C) **Cal DO** ____. ____ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * **Cal Temp** ____ (°C) **Cal DO** ____. ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1040 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)*	Temp 24.2 °C4	Temp 24.20 °C**	Temp ____ °C
BP: 750.4 Adj BP: 755.0	DO 07.0 mg/l8	DO 7.60 mg/l**	DO ____ mg/l
Comments Alt: 190		@1130 hr	

7 Air Temperature 21.67 °C **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 4 WSW

Other Sampling Notes: SH Flow: 50kCFS @1016hr, Marietta Flow: 26KCFS @0930hr.
minor fouling on sensor cap.

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Piney Channel **Investigator(s):** AG

DATE 06/15/21 (m m d d y y) **PURPOSE** [1]

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code [1]
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 169.38 TR: 113.32 @ 1146hr

No. of Units Operating [12] (0 to 14)
Flow from New Powerhouse: YES or NO (circle one)
Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time	0850 (prevailing, 24 hr) *	CAL Temp	22.60 °C	CAL DO	8.72 (mg/l)
Meter #	48938	Meter Temp	22.5 °C	Meter DO	8.43 (mg/l)
		Meter adj. to	Okay °C	Meter adj to	Okay (mg/l)

Comments BP: 749.8 Adj BP: 755.8 Alt: 218

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1130 (24 hr)*	Temp 24.3 °C9	Temp 24.32 °C **	Temp ____ °C
BP: 751.4 Adj BP: 755.0	DO 07.3 mg/l7	DO 7.10 mg/l ** @1130hr	DO ____ mg/l

Comments Alt: 150

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1131 (prevailing, 24 hr) *
Data Download Location: onsite (Lab or Onsite) Time of Download: 1134 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____
Calibration Location: ____ (Lab or Onsite)

DO Calibration* Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: [ ] * Cal Temp ____ (°C) Cal DO [ ][ ].[ ] (mg/l)

Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: [ ] * Cal Temp ____ (°C) Cal DO [ ][ ].[ ] (mg/l)

Time that the monitor was redeployed in the Tailrace 1141 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1200 (24 hr)*	Temp 24.4 °C5	Temp 24.40 °C**	Temp ____ °C
BP: 751.3 Adj BP: 754.3	DO 07.4 mg/l4	DO 7.47 mg/l** @1230hr	DO ____ mg/l

Comments Alt: 150

7 Air Temperature 22.0 °C @1146hr Wind Conditions (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: S-SW

Other Sampling Notes: SH Flow: 12KCFS Marietta Flow: 26,200 cfs @ 1030
slight spill, more like splashes from wind pushing water over. @1150hr spill has increased, Freely spilling now

DL BP Hobo @ 1115 hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

minor fouling on sensor cap.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Tailrace **Investigator(s):** [illegible]

DATE 0 6 1 5 2 1 (m m d d y y)

PURPOSE 1
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 169.58 ft TR: 113.32 ft

No. of Units Operating 1 2 (0 to 12)
Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: YES or NO (circle one)
Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0850 (prevailing, 24 hr) *
Meter # 48938

CAL Temp	22.0 °C	CAL DO	8.72 (mg/l)
Meter Temp	22.5 °C	Meter DO	8.43 (mg/l)
Meter adj. to	Okay °C	Meter adj to	Okay (mg/l)

Comments BP: 749.8
Adj BP: 755.8 Alt: 218 ft

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1230 (24 hr)*	Temp 24.2 °C 5	Temp 24.24 °C **	Temp ____ °C
BP: 752.3 Adj BP: 755.8	DO 06.9 mg/l 3	DO 6.39 mg/l ** @1230 hr	DO ____ mg/l

Comments Alt: 125

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1231 (prevailing, 24 hr) *
Data Download Location: Onsite (Lab or Onsite) Time of Download: 1236 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1237 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1300 (24 hr)*	Temp 24.2 °C 7	Temp 24.26 °C**	Temp ____ °C
BP: 752.2 Adj BP: 755.8	DO 06.9 mg/l 9	DO 7.10 mg/l** @1330 hr	DO ____ mg/l

Comments Alt: 125

7 Air Temperature 22.2 °C

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: 10 mph N

Other Sampling Notes: Marietta Flow 26,500 cfs Slt Flow
minor fouling on sensor cap.

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Forebay **Investigator(s):** SWA

DATE 06/23/21 (m m d d y y) **PURPOSE** 1
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:
Forebay Elevation 169.53 TR = 107.51 @0825hr

Units = 19,18

No. of Units Operating 3 (0 to 12) Flow from Legacy Powerhouse Evident: (YES) or NO (circle one)

Flow from New Powerhouse: (YES) or NO (circle one) Flow in Piney Channel Evident: (YES) or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 sonde

Time 0742 (prevailing, 24 hr) * CAL Temp 22.5 °C CAL DO 8.64 (mg/l)

Meter # 48938 Meter Temp 22.6 °C Meter DO 8.60 (mg/l)

Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP = 760.00

Alt = 225.6 Adj BP = 766.24

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0830 (24 hr)*	Temp 24.8 °C	Temp 24.76 °C **	Temp ____ °C
	DO 5.5 mg/l	DO 5.16 mg/l ** @0830hr	DO ____ mg/l

Comments BP = 760.80

Alt = 190' Adj BP = 766.18

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0831 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 0837 (24 hr) *

Applicable Maintenance Performed: 2 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:
Barometric pressure = 760.94

Lab cal complete @ 0925 hr

Calibration Location: on-site (Lab or Onsite) 100% logger DO conc. 9.18 100% DO Conc. calculated – 9.04

DO Calibration* Method Used:** 1 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____ new gain adj = 0.989

launched @ 0928 hr to start recording

Time: 0859 * Cal Temp 67.03F (°C) Cal DO 9.16 (mg/l)

0930 hr verified monitor as logging then redeployed monitor

Method Used: 2 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other DO conc @ 0% = -0.02 new offset adj = 0.008

Time: 0923 * Cal Temp 67.03F (°C) Cal DO -0.02 (mg/l)

Time that the monitor was redeployed ~~in the Tailrace~~ 0938 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1000 (24 hr)*	Temp 24.7 °C	Temp 24.76 °C**	Temp ____ °C
BP = 761.23 Alt = 198'	DO 5.6 mg/l	DO 5.80 mg/l** @1030	DO ____ mg/l

Comments Adj BP = 766.39

7 Air Temperature 17.2 °C (63F) **Wind Conditions** (Circle one): Calm (Light) Moderate Gusty Strong **Wind Direction:** NNW 7 mph

Other Sampling Notes: minor fouling on sensor cap.

Marietta flow = 15,700 cfs @ 1000 hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Piney Channel **Investigator(s):** SWA

DATE 06/23/21 (m m d d y y) **PURPOSE** 1 **Weather Code** 1

PURPOSE: 1 = Calibrate & Download monitor (complete Sec 1-7 below); 2 = Performance check (complete Sections 1, 2, 3 & 7); 3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code: 1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: Forebay Elevation 169.53 TR = 107.51 @0825 hr

units on-1,2,3,7,8 No. of Units Operating 6 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB= 169.00 @1106hr TR=110.09

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH HQ30d

Time (prevailing, 24 hr) *	0742	CAL Temp	22.5 °C	CAL DO	8.64 (mg/l)
Meter #	48938	Meter Temp	22.6 °C	Meter DO	8.60 (mg/l)
		Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP = 760.00

Alt = 225.6 Adj BP = 766.24

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 24.8 °C [9]	Temp 24.82 °C **	Temp ____ °C
	DO 5.8 mg/l [2]	DO 4.82 mg/l ** @1030 hr	DO ____ mg/l

Comments BP = 762.17

Alt = 150 Adj BP = 765.39

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1031 (prevailing, 24 hr) *

Data Download Location: on site (Lab or Onsite) Time of Download: 1038 (24 hr) *

Applicable Maintenance Performed: 2

1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = 761.46

lab cal complete @ 1114 hr

Calibration Location: on site (Lab or Onsite) 100% logger DO conc. = 8.57

100% DO cal. conc. = 8.53

DO Calibration* ** Method Used: 1 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other new gain adj = 1.000

unached 1116 hr Time: 1057 * Cal Temp 70.4F (°C) Cal DO 8.5 (mg/l) [7]

start recording 1130 hr

DO conc @ 0% = -0.02

Method Used: 2 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other new offset adj = 0.013

rifled monitor was being redeployed on Time: 1113 * Cal Temp 70.4F (°C) Cal DO -0.0 (mg/l) [2]

Time that the monitor was redeployed ~~in the Tailrace~~ 1139 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1210 (24 hr)*	Temp 25.0 °C [3]	Temp 24.92 °C**	Temp ____ °C
BP = 762.31 Alt = 150	DO .6.0 mg/l [2]	DO 6.17 mg/l** @1200 hr	DO ____ mg/l

Comments Adj BP = 766.05

7 Air Temperature 18.9 °C (66 F) **Wind Conditions** (Circle one): Calm (Light) Moderate Gusty Strong **Wind Direction:** NNW 6 mph

Other Sampling Notes: minor fouling on sensor cap; no water coming over boards or obermeyer gates

Marmitta flow = 15,600 cfs @ 1200 hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Tailrace **Investigator(s):** SWA

DATE 0 6 2 3 2 1 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 169.53 TR = 107.51 @ 0825 hr

units on - 1, 2, 6, 9, 19

No. of Units Operating 5 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB = 169.09 @ 1341 hr

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one) TR = 109.45

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 GONDE

Time	0742 (prevailing, 24 hr) *	CAL Temp	22.5 °C	CAL DO	8.64 (mg/l)
		Meter Temp	22.6 °C	Meter DO	8.60 (mg/l)
Meter #	48938	Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP = 760.00
Alt = 225.6 Adj BP = 766.24

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1230 (24 hr)*	Temp 24.7 °C 7	Temp 24.78 °C **	Temp ____ °C
	DO 5.5 mg/l 6	DO 5.07 mg/l **	DO ____ mg/l

Comments BP = 763.22
Alt = 125' Adj BP = 766.76
@ 1230 hr

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1231 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 1237 (24 hr) *

Applicable Maintenance Performed: 2 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = 762.82

b cal mplete @ 313 hr unched 1315 hr start recording 1330 hr rified onitor was ogging men eployed onitor

Calibration Location: onsite (Lab or Onsite)

100% logger DO conc. = 8.50
100% DO cal conc. = 8.32

DO Calibration*** Method Used: 1 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other new gain adj = 0.991

Time: 1255* Cal Temp 75.27F (°C) Cal DO 8.5 (mg/l) 0

Method Used: 2 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other DO conc. @ 0% = -0.03 new offset adj = 0.030

Time: 1312* Cal Temp 75.27F (°C) Cal DO -0.0 (mg/l) 3

Time that the monitor was redeployed in the Tailrace 1337 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1400 (24 hr)*	Temp 24.7 °C 6	Temp 24.80 °C**	Temp ____ °C
BP = 763.42 Alt = 125'	DO 5.5 mg/l 8	DO 5.60 mg/l**	DO ____ mg/l

Comments Adj BP = 766.78
@ 1400 hr

7 Air Temperature 22.2 °C

72F

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: NNW 5 mph

Other Sampling Notes: minor fouling on sensor cap, low tailrace conditions
Marietta flow = 15,600 cfs @ 1400 hr;

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Forebay **Investigator(s):** NCS

DATE 06/29/21 (m m d d y y) **PURPOSE** 3

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1,18

1 PROJECT FLOW / RELEASE CONDITIONS: **Forebay Elevation** 168.68 FT TR: 105.87

No. of Units Operating 02 (0 to 17)
Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: YES or NO (circle one)
Flow in Piney Channel Evident: YES or NO (circle one)

9,000 cfs Hol
>9.2 FH.D

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0830 (prevailing, 24 hr) *	CAL Temp	22.3 °C	CAL DO	8.7	(mg/l)
	Meter Temp	22.55 °C	Meter DO	8.68	(mg/l)
Meter # 48938	Meter adj. to	okay °C	Meter adj to	Great	(mg/l)

Comments BP: 760.8 Alt: 196
Adj BP: 766.2

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1000 (24 hr)*	Temp 25.6 °C	Temp 25.84 °C **	Temp ____ °C
BP: 761.0 Adj BP: 765.7	DO 06.2 mg/l	DO 5.19 mg/l ** @1000 hr	DO ____ mg/l

Comments Alt: 190

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1001 (prevailing, 24 hr) *
Data Download Location: onsite (Lab or Onsite) Time of Download: 1009 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____.__ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____.__ (mg/l)

Time that the monitor was redeployed in the Tailrace 1014 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 25.6 °C	Temp 25.80 °C**	Temp ____ °C
BP 760.9 Adj BP 765.6	DO 06.2 mg/l	DO 6.56 mg/l** @1100 hr	DO ____ mg/l

Comments Alt: 190

7 Air Temperature 88 F °C (31.1°C) **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: 2-3 SW

Other Sampling Notes: SH: 12 KCFS (But they are regulating so subject to change w/o little notice)

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Piney Channel **Investigator(s):** NDS

DATE 06/29/21 (m m d d y y) **PURPOSE** 3

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 168.68 ft TR: 105.87

No. of Units Operating 02 (0 to ~~12~~ 14)

Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one)

Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time (prevailing, 24 hr) *	0830	CAL Temp	22.3 °C	CAL DO	8.7 (mg/l)
Meter #	48938	Meter Temp	22.55 °C	Meter DO	8.68 (mg/l)
		Meter adj. to	Okay °C	Meter adj to	okay (mg/l)

Comments BP 760.8 Adj BP 766.2 Alt: 186

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)*	Temp 26.1 °C	Temp 26.12 °C **	Temp ____ °C
BP 761.7 Adj BP 765.3	DO 06.8 mg/l	DO 6.82 mg/l ** @ 1168 hr	DO ____ mg/l

Comments Alt 150

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1101 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 1108 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1113 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1130 (24 hr)*	Temp 26.2 °C	Temp 26.30 °C**	Temp ____ °C
BP 761.6 Adj BP 765.5	DO 06.8 mg/l	DO 6.99 mg/l ** @ 1130 hr	DO ____ mg/l

Comments Alt 150

7 Air Temperature 89F °C 31.7°C

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 2-3 SW

Other Sampling Notes: SH 12 KCFS, HL 9 KCFS, No spill, BP Hobo DL @ 1045

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Tailrace **Investigator(s):** AEJ

DATE 0 6 2 9 2 1 (m m d d y y) **PURPOSE** 3

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 168.75 TR: 106.24 @ 1146 hr

No. of Units Operating 0 2 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0830 (prevailing, 24 hr) *
Meter # 48938

CAL Temp	22.3 °C	CAL DO	8.7 (mg/l)
Meter Temp	22.55 °C	Meter DO	8.68 (mg/l)
Meter adj. to	okay °C	Meter adj to	Great (mg/l)

Comments BP: 760.8 Alt: 196
Adj BP: 766.2

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1200 (24 hr)* BP: 762.2 Adj BP: 765.8	Temp 25.7 °C 6	Temp 25.74 °C **	Temp ____ °C
	DO 06.2 mg/l 5	DO 6.02 mg/l ** @1200hr	DO ____ mg/l

Comments Alt: 125

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1201 (prevailing, 24 hr) *
Data Download Location: onsite (Lab or Onsite) Time of Download: 1206 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced;
4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1210 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1230 (24 hr)* BP: 762.1 Adj BP: 765.7	Temp 25.7 °C 6	Temp 25.86 °C**	Temp ____ °C
	DO 06.2 mg/l 5	DO 6.21 mg/l** @1230hr	DO ____ mg/l

Comments Alt 125

7 Air Temperature 91F °C

HOT!! 32.8°C

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: 1-2 SW

Other Sampling Notes: Est 1135 unit 10 came on, SH Flow: 3-25 KCFS (constantly adjusting) @1146hr
NVM only ran it for a few minutes

survey on 1 is not working

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Forbay Monitor **Investigator(s):** SWA

DATE 07062021 (m m d d y y) **PURPOSE** 1 + 2 **Weather Code** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: **Forebay Elevation** 169.24 TR=109.70 @0915 hr

Units on = 1,2,3,5,6,7-19

No. of Units Operating 17 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

YSI MPS sonde

Time 0835 (prevailing, 24 hr) * CAL Temp 23.0 °C CAL DO 8.52 (mg/l)

Meter # 48938 Meter Temp 23.1 °C Meter DO 8.53 (mg/l)

Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP=756.79

Alt=225.2 Adj BP=762.23

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0930 (24 hr)*	Temp 27.4 °C [3]	Temp 27.40 °C **	Temp ____ °C
	DO 5.4 mg/l [9]	DO 5.27 mg/l ** @0930hr	DO ____ mg/l

Comments BP=756.87

Alt=189' Adj BP=762.10

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0931 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 0936 (24 hr) *

Applicable Maintenance Performed: 2

1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * Cal Temp _____ (°C) Cal DO ____.__ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * Cal Temp _____ (°C) Cal DO ____.__ (mg/l)

Time that the monitor was redeployed in the Tailrace 0943 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1000 (24 hr)*	Temp 27.4 °C [4]	Temp 27.40 °C**	Temp ____ °C
BP=756.65	DO 5.5 mg/l [8]	DO 5.65 mg/l** @1000 hr	DO ____ mg/l

Comments Alt=189' Adj BP=762.06

7 Air Temperature 27.8 °C 82F **Wind Conditions** (Circle one): Calm (Light) Moderate Gusty Strong

Wind Direction: WSW 6mph

Other Sampling Notes: minor fouling on sensor cap, Heat advisory today

Marietta Flow=23,400 cfs @ 1000 hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Piney Channel Monitor **Investigator(s):** SWA

DATE 0 7 0 6 2 1 (m m d d y y) **PURPOSE** 1 + 2

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

units on 1, 2, 3, 4, 5, 6, 7, 8 + 19

Forebay Elevation 169.24 TR=109.70 @ 0915 hr

No. of Units Operating 8 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB = 168.55

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one) TR = 112.78 @ 1051 hr from website

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 ONDE

Time 0835 (prevailing, 24 hr) *

Meter # 48938

CAL Temp	23.0 °C	CAL DO	8.52 (mg/l)
Meter Temp	23.1 °C	Meter DO	8.53 (mg/l)
Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP = 756.79
Alt = 225.2 Adj BP = 762.23

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 27.6 °C 1	Temp 27.58 °C **	Temp ____ °C
	DO 5.6 mg/l 5	DO 5.41 mg/l ** @ 1030 hr	DO ____ mg/l

Comments BP = 757.47
Alt = 150 Adj BP = 761.39

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1031 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 1037 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1043 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)*	Temp 27.6 °C 3	Temp 27.78 °C**	Temp ____ °C
BP = 757.46	DO 5.7 mg/l 6	DO 5.81 mg/l** @ 1100 hr	DO ____ mg/l

Comments Alt = 150' Adj BP = 762.04

7 Air Temperature 28.9 °C 84F

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: WSW 6 mph

Other Sampling Notes: Minor fouling on sensor cap; Heat advisory today
Marietta flow = 24,000 cfs @ 1100 hr; no flow going over boards or Obermeyer gates

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Tailrace Monitor **Investigator(s):** SWA

DATE 5 7 0 6 2 1 (m m d d y y) **PURPOSE** 1+2

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: Forebay Elevation 169.24 TR=109.70 @ 0915 hr

units on 1,2,3,4,5,6,7+19

No. of Units Operating 8 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

FB = 169.19 TR = 110.23 @ 1151 hr from website

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 SonDe

Time 0835 (prevailing, 24 hr) * CAL Temp 23.0 °C CAL DO 8.52 (mg/l)

Meter # 48938 Meter Temp 23.1 °C Meter DO 8.53 (mg/l)

Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP = 756.79

Alt = 225.2 Adj BP = 762.23

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1130 (24 hr)*	Temp 27.4 °C 4	Temp 27.44 °C **	Temp ____ °C
	DO 5.7 mg/l 6	DO 5.60 mg/l ** @1130 hr	DO ____ mg/l

Comments BP = 758.16

Alt = 125' Adj BP = 761.98

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1131 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 1136 (24 hr) *

Applicable Maintenance Performed: 2

1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1142 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1200 (24 hr)*	Temp 27.4 °C 4	Temp 27.54 °C**	Temp ____ °C
BP = 758.00	DO 5.7 mg/l 0	DO 5.73 mg/l** @1200 hr	DO ____ mg/l

Comments Alt = 125' Adj BP = 761.41

7 Air Temperature 32.2 °C 90F **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: WSW 8 mph

Other Sampling Notes: minor fowling on sensor cap. Heat advisory today

Marietta flow = 24,408 cfs @ 1200 hr, tailrace level dropped before 1200 DO cal check

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Forebay Monitor **Investigator(s):** SWA

DATE 07/13/21 (m m d d y y) **PURPOSE** 1+2

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 6
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: **Forebay Elevation** 169.11 TR=111.62 @0823hr

Units on: 1,3 4 5 6 7 18.19

No. of Units Operating 8 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0753 (prevailing, 24 hr) * CAL Temp 23.0 °C CAL DO 8.56 (mg/l)

Meter # 48938 Meter Temp 23.1 °C Meter DO 8.57 (mg/l)

Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP = 759.91

Alt = 210' Adj BP = 765.65

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0830 (24 hr)*	Temp 27.6 °C [4]	Temp 27.64 °C **	Temp ____ °C
	DO 6.9 mg/l [2]	DO 6.83 mg/l **	DO ____ mg/l

Comments BP = 760.42

Alt = 190' Adj BP = 765.32

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0831 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 0837 (24 hr) *

Applicable Maintenance Performed: 2

1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____.__ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____.__ (mg/l)

Time that the monitor was redeployed in the Tailrace 0844 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0900 (24 hr)*	Temp 27.6 °C [0]	Temp 27.52 °C**	Temp ____ °C
BP = 760.57	DO 6.9 mg/l [3]	DO 7.00 mg/l** @0900	DO ____ mg/l

Comments Alt = 190 Adj BP = 765.51

7 Air Temperature 23.9 °C 75F **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong **Wind Direction:** SE 1 mph

Other Sampling Notes: Manetta Flow = 35,100 cfs @ 0900 hr; minor fouling on sensor cap

Juvenile Flathead catfish in tube w/ monitor

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Piney Channel Monitor **Investigator(s):** SWA

DATE 07 13 21 (m m d d y y) **PURPOSE** 1 + 2 **Weather Code** 2

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: **Forebay Elevation** 169.11 TR = 111.62 @ 0823 hr

Units on - 1, 2, 3, 4, 5, 6, 7, 18+19
No. of Units Operating 8 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB = 168.8
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one) TR = 112.42 @ 0926 hr from website

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

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Time 0753 (prevailing, 24 hr) * CAL Temp 23.0 °C CAL DO 8.56 (mg/l)
Meter # 48938 Meter Temp 23.1 °C Meter DO 8.57 (mg/l)
Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP = 759.91
Alt = 210 Adj BP = 763.65

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0930 (24 hr)*	Temp 27.7 °C 6	Temp 27.70 °C **	Temp ____ °C
	DO 6.9 mg/l 5	DO 6.77 mg/l ** @0930 hr	DO ____ mg/l

Comments BP = 761.36
Alt = 150 Adj BP = 769.14

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0931 (prevailing, 24 hr) *
Data Download Location: on site (Lab or Onsite) Time of Download: 0937 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 0944 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1000 (24 hr)*	Temp 27.7 °C 5	Temp 27.72 °C**	Temp ____ °C
BP = 761.38	DO 6.9 mg/l 4	DO 7.06 mg/l** @1000 hr	DO ____ mg/l

Comments Alt = 150' Adj BP = 766.07

7 Air Temperature 26.1 °C 79.F **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: SE 2 mph

Other Sampling Notes: Martha flow = 35,300 cfs @ 1000 hr; no water spilling over/through boards or over obermeyer gates; minor fouling on sensor cap.

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Tailrace Monitor **Investigator(s):** SWA

DATE 07/31/21 (m m d d y y) **PURPOSE** 1 + 2

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 2
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: **Forebay Elevation** 169.11 TR=111.62 @0823 hr

Units in 1,3,4,5,6,7,18+19
No. of Units Operating 8 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB=168.48
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one) TR=112.87 @1026 hr from website

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

ATCH 365 SONDE

Time 0753 (prevailing, 24 hr) * CAL Temp 23.0 °C CAL DO 8.56 (mg/l)
Meter # 48938 Meter Temp 23.1 °C Meter DO 8.57 (mg/l)
Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP = 759.91
Alt = 210 Adj BP = 765.65

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1630 (24 hr)*	Temp 27.4 °C 7	Temp 27.48 °C **	Temp ____ °C
	DO 6.9 mg/l 8	DO 6.83 mg/l ** @1030 hr	DO ____ mg/l

Comments BP = 762.22
Alt = 125 Adj BP = 765.61

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service), 1031 (prevailing, 24 hr) *
Data Download Location: on site (Lab or Onsite) Time of Download: 1037 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: _____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: _____ * Cal Temp _____ (°C) Cal DO _____ . _____ (mg/l)

Method Used: _____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: _____ * Cal Temp _____ (°C) Cal DO _____ . _____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1043 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)*	Temp 27.3 °C 9	Temp 27.44 °C**	Temp ____ °C FB=168.11
BP = 762.26	DO 6.9 mg/l 6	DO 6.89 mg/l** @1100 hr	DO ____ mg/l TR=111.59 @1056 hr

Comments Alt=125' Adj BP = 765.64 from website

7 Air Temperature 27.2 °C 81F **Wind Conditions** (Circle one): Calm (Light) Moderate Gusty Strong
Wind Direction: S 4 mph

Other Sampling Notes: Marietta flow = 35,400 cfs @ 1100 hr, minor fouling on sensor cap
tailrace level slowly dropping during download

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: HOL Forebay Investigator(s): ACS

DATE 07/20/21 (m m d d y y) PURPOSE 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 170.58 ft TR 116.34 ft

U8 is offline

No. of Units Operating 13 (0 to 14) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

SHFlow: 78,350 cfs @ 0838

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0737 (prevailing, 24 hr) * CAL Temp 22.3 °C CAL DO 8.7 (mg/l)

Meter # 48938 Meter Temp 724 22.4 °C Meter DO 8.58 (mg/l)

Meter adj. to okay °C Meter adj to okay (mg/l)

Comments BP: 753.9 mmHg Alt: 210 Adj BP 759.3 mmHg

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0830 (24 hr)* BP: 754.6 Adj BP: 759.2	Temp 24.9 °C 2	Temp 24.90 °C **	Temp ____ °C
	DO 06.9 mg/l 0	DO 6.98 mg/l ** @0836 hr	DO ____ mg/l

Comments Alt: 190

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0831 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 0838 (24 hr) *

Applicable Maintenance Performed: 2

1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * Cal Temp _____ (°C) Cal DO ____.__ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * Cal Temp _____ (°C) Cal DO ____.__ (mg/l)

Time that the monitor was redeployed in the Tailrace 0842 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0906 (24 hr)* BP: 754.6 Adj BP: 759.3	Temp 24.8 °C 8	Temp 24.82 °C**	Temp ____ °C
	DO 06.8 mg/l 0	DO 7.02 mg/l** @0900 hr	DO ____ mg/l

Comments Alt: 190

7 Air Temperature 22.8 °C (73F)

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 2 NNW

Other Sampling Notes: Marble Flow: 66,500 @ 0730, minor to no fouling on sensor cap

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: HOL Piney Channel **Investigator(s):** ACS

DATE 07/20/21 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: **Forebay Elevation** 170.58 ft TR: 116.34 ft. SH Flow: 78,356 cfs @ 828 hr

No. of Units Operating 13 (0 to 14) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

98 is Alive

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0737 (prevailing, 24 hr) * CAL Temp 22.3 °C CAL DO 8.27 (mg/l)

Meter # 48938 Meter Temp 22.4 °C Meter DO 8.58 (mg/l)

Meter adj. to okay °C Meter adj to okay (mg/l)

Comments BP: 753.9 mmHg Alt: 210 Adj BP: 759.3 mmHg

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0930 (24 hr)*	Temp 24.9 °C	Temp 24.96 °C **	Temp ____ °C
BP: 755.3 Adj BP: 758.8	DO 7.1 mg/l	DO 8.67 mg/l ** @0930 hr	DO ____ mg/l
Comments Alt: 150	2		

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0931 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 0934 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 0941 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1000 (24 hr)*	Temp 24.9 °C	Temp 24.90 °C**	Temp ____ °C
BP: 755.1 Adj BP: 759.0	DO 7.1 mg/l	DO 8.36 mg/l** @1050 hr	DO ____ mg/l
Comments Alt: 150			

7 Air Temperature 78-26.6 °C 78F **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 6-8 NNW

Other Sampling Notes: BP Holdoll @ 0911. Heavy spill occurring across entire spillway. All observer gates still in the upright position. Marietta Flow: 68,500 cfs @ 0930, minor to no fouling on sensor cap.

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: HOL Tailrace **Investigator(s):** KDS

DATE 07/20/21 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1 (1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze)

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 1716.39 FT TR: 1116.56 STIFlow: 79,900cfs

No. of Units Operating 13 (0 to ~~12~~ 14) DS is offline

Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: ~~YES~~ or NO (circle one)

Flow in Piney Channel Evident: ~~YES~~ or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0737 (prevailing, 24 hr) *

Meter # 48938

CAL Temp	22.3 °C	CAL DO	8.7	(mg/l)
Meter Temp	22.4 °C	Meter DO	8.58	(mg/l)
Meter adj. to	okay °C	Meter adj to	okay	(mg/l)

Comments BP: 753.9 mm Hg Alt: 210 Adj BP: 759.3 mm Hg

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 24.8 °C	Temp 24.86 °C **	Temp ____ °C
BP: 755.9 mm Hg Adj BP: 759.5 mm Hg	DO 07.2 mg/l	DO 6.96 mg/l ** @1030hr	DO ____ mg/l

Comments Alt: 125

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1031 (prevailing, 24 hr) *

Data Download Location: Onsite (Lab or Onsite) Time of Download: 1036 (24 hr) *

Applicable Maintenance Performed: 2 (1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other ( ))

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ____ (1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____)

Time: ____ * Cal Temp ____ (°C) Cal DO ____.____ (mg/l)

Method Used: ____ (1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____)

Time: ____ * Cal Temp ____ (°C) Cal DO ____.____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1041 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)*	Temp 24.9 °C	Temp 24.90 °C**	Temp ____ °C
BP: 756.0 Adj BP: 759.7	DO 07.0 mg/l	DO 7.02 mg/l** @1100hr	DO ____ mg/l

Comments Alt: 125

7 Air Temperature 81°F = 27.2°C

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 3-6 NNW

Other Sampling Notes: Marietta Flow: 69,900cfs, minor to no fouling on sensor cap

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Forebay **Investigator(s):** AES

DATE 07/27/21 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 168.9 ft TR: 113.2 ft SH: 22 KCFS regulating 78.39 ft H2O

No. of Units Operating 13 (0 to ~~12~~ 14)

Flow from New Powerhouse: YES or NO (circle one)

Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0850 (prevailing, 24 hr) *

Meter # 48938

CAL Temp 23.0 °C

Meter Temp 22.7 °C

Meter adj. to Okay °C

CAL DO 8.56 (mg/l)

Meter DO 8.51 (mg/l)

Meter adj to Okay (mg/l)

Comments BP 754.0 mmHg
Adj BP: 760.0 mmHg Alt 200

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 25.3 °C	Temp 25.36 °C **	Temp ____ °C
BP: 754.5 Adj BP: 759.1	DO 07.3 mg/l	DO 7.17 mg/l ** @1030 hr	DO ____ mg/l

Comments Alt: 190

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1031 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 1036 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1041 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)*	Temp 25.4 °C	Temp 25.40 °C**	Temp ____ °C
BP: 754.6 Adj BP: 759.3	DO 07.3 mg/l	DO 7.27 mg/l** @1100 hr	DO ____ mg/l

Comments Alt: 190

7 Air Temperature 86F °C 30°C

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 1-3 NNE

Other Sampling Notes: Marietta Flow: 29,200 cfs @ 0930.
Minor Biofouling, water is turbid

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Piney Channel **Investigator(s):** [illegible]

DATE 07/27/21 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 168.9 ft TR 113.2 cfs — Stt Flow: 22 kcFS Regulating

U8 is offline

No. of Units Operating 13 (0 to 14) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0850 (prevailing, 24 hr) * CAL Temp 23.0 °C CAL DO 8.56 (mg/l)

Meter # 418938 Meter Temp 22.7 °C Meter DO 8.51 (mg/l)

Meter adj. to okay °C Meter adj to Okay (mg/l)

Comments BP: 754.0 mmHg
Adj BP: 760.0 mmHg Alt 200

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1130 (24 hr)* BP: 755.6 mmHg Adj BP: 759.1 mmHg Alt: 150	Temp 25.5 °C6	Temp 25.48 °C **	Temp ____ °C
	DO 07.5 mg/l2	DO 7.43 mg/l ** @ 1130 hr	DO ____ mg/l

Comments

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1131 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 1136 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: _____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: _____ * Cal Temp _____ (°C) Cal DO _____ . _____ (mg/l)

Method Used: _____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: _____ * Cal Temp _____ (°C) Cal DO _____ . _____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1140 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1200 (24 hr)* BP: 755.6 Adj BP: 759.0	Temp 25.6 °C3	Temp 25.58 °C**	Temp ____ °C
	DO 07.5 mg/l 8	DO 7.57 mg/l** @ 1200 hr	DO ____ mg/l

Comments Alt: 150

7 Air Temperature 88F °C 31.1C

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 13 NNE

DL Bare Hobo @ 1147

Other Sampling Notes: Minor leakage coming through boards, Marietta Flow: 28,900 cfs @ 1130
Minor Biofouling on sensor,

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Tailrace **Investigator(s):** AES

DATE 07 27 21 (m m d d y y)

PURPOSE 1
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 168.95 TR: 110.0 Regulating SH Flow: 28 kcfs @ 1243

No. of Units Operating 10 (0 to ~~12~~ 14)
Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: YES or NO (circle one)
Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0850 (prevailing, 24 hr) *
Meter # 48938

CAL Temp	23.0 °C	CAL DO	8.56 (mg/l)
Meter Temp	22.7 °C	Meter DO	8.51 (mg/l)
Meter adj. to	okay °C	Meter adj to	okay (mg/l)

Comments BP 754.0 mmHg
Adj BP: 760.0 mmHg Alt: 200

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time 1230 (24 hr)* BP 756.2 mmHg Adj BP: 760.0 mmHg

Handheld DO Meter	Continuous Monitor	Additional Meter
Temp 25.5 °C 0	Temp 25.48 °C **	Temp ____ °C
DO 07.3 mg/l 5	DO 7.14 mg/l ** @1230 hr	DO ____ mg/l

Comments Alt: 125

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1231 (prevailing, 24 hr) *
Data Download Location: onsite (Lab or Onsite) Time of Download: 1237 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced;
4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1240 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time 1300 (24 hr)* BP 756.0 Adj BP 759.6

Handheld DO Meter	Continuous Monitor	Additional Meter
Temp 25.5 °C 4	Temp 25.54 °C**	Temp ____ °C
DO 07.4 mg/l 2	DO 7.24 mg/l** @1300 hr	DO ____ mg/l

Comments Alt: 125

7 Air Temperature 89F °C 31.7°C

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: 1-3 NNE

Other Sampling Notes: Minor Biofouling on sensor. Marietta Flow: 28,700 cfs @ 1230

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Forebay Monitor **Investigator(s):** SWA

DATE 0 8 0 3 2 1 (m m d d y y)

PURPOSE 1 + 2
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 2
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: Forebay Elevation 169.06 TR = 108.05 @0920hr

units on 1, 11, 13, 18, + 19

No. of Units Operating 5 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MSS SONDE

Time 0815 (prevailing, 24 hr) *

Meter # 48938

CAL Temp	22.2 °C	CAL DO	8.66 (mg/l)
Meter Temp	22.4 °C	Meter DO	8.67 (mg/l)
Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP = 758.61
Alt = 209.72 Adj BP = 764.38

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0930 (24 hr)*	Temp 25.4 °C 4	Temp 25.40 °C **	Temp ____ °C
	DO 8.3 mg/l 2	DO 8.19 mg/l **	DO ____ mg/l

Comments BP = 759.02
Alt = 190 Adj BP = 763.79 @0930hr

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0931 (prevailing, 24 hr) *

Data Download Location: on site (Lab or Onsite) Time of Download: 0937 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 0943 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1000 (24 hr)*	Temp 25.4 °C 4	Temp 25.34 °C**	Temp ____ °C
BP = 759.25	DO 8.3 mg/l 7	DO 8.40 mg/l**	DO ____ mg/l

Comments Alt = 190 Adj BP = 763.98 @1000hr

7 Air Temperature 18.9 °C 66F **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: South 0 mph

Other Sampling Notes: Minor fouling on sensor cap, Marietta ~~River~~ flow = 19,400 cfs @ 1000 hr;

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Piney Channel Monitor Investigator(s): SWA

DATE 08/03/21 (m m d d y y) PURPOSE 1+2

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 2
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: Forebay Elevation 169.06 TR=108.05 @ 0920 hr

units on 1, 0, 13, 18 + 19

No. of Units Operating 5 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB=169.00

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one) TR=108.66

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 SONDE

Time 0815 (prevailing, 24 hr) * CAL Temp 22.2 °C CAL DO 8.66 (mg/l) from website @ 1056 hr

Meter # 48938 Meter Temp 22.4 °C Meter DO 8.67 (mg/l)

Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP=758.61

Alt=200 Adj BP=764.38

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 25.5 °C 3	Temp 25.48 °C **	Temp ____ °C
	DO 8.4 mg/l 4	DO 8.38 mg/l ** @ 1030 hr	DO ____ mg/l

Comments BP=760.07

Alt=150' Adj BP=764.03

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1031 (prevailing, 24 hr) *

Data Download Location: on site (Lab or Onsite) Time of Download: 1037 (24 hr) *

Applicable Maintenance Performed: 2

1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * Cal Temp _____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * Cal Temp _____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1044 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)*	Temp 25.5 °C 1	Temp 25.42 °C**	Temp ____ °C
BP=759.98	DO 8.4 mg/l 8	DO 8.56 mg/l** @ 1100 hr	DO ____ mg/l

Comments Alt=150' Adj BP=764.36

7 Air Temperature 22.2 °C (72 F) **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: E 3 mph

Other Sampling Notes: minor fouling on sensor cap. no water flowing over boards or obermeyer gates

Marietta River flow = 19,200 cfs @ 1100 hrs;

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Tailrace Monitor **Investigator(s):** SWA

DATE 0 8 0 3 2 1 (m m d d y y) **PURPOSE** 1 + 2

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 3
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

units on 1, 11, 13, 18 + 19

Forebay Elevation 169.06 TR = 108.05 @ 0920 hr

No. of Units Operating 5 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB = 168.85

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one) TR = 109.35 from website @ 1156 hr

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 SONDE

Time 0815 (prevailing, 24 hr) *

Meter # 48938

CAL Temp	22.2 °C	CAL DO	8.66 (mg/l)
Meter Temp	22.4 °C	Meter DO	8.67 (mg/l)
Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP = 758.61
Alt = 210' Adj BP = 764.38

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1130 (24 hr)*	Temp 25.4 °C 1	Temp 25.42 °C **	Temp ____ °C
	DO 8.4 mg/l 7	DO 8.24 mg/l ** @ 1130 hr	DO ____ mg/l

Comments BP = 760.75
Alt = 125' Adj BP = 764.29

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1131 (prevailing, 24 hr) *

Data Download Location: on site (Lab or Onsite) Time of Download: 1137 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1144 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1200 (24 hr)*	Temp 25.4 °C 0	Temp 25.38 °C**	Temp ____ °C
BP = 760.86	DO 8.4 mg/l 9	DO 8.37 mg/l** @ 1200 hr	DO ____ mg/l

Comments Alt = 125' Adj BP = 763.42

7 Air Temperature 22.8 °C 73F

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: ESE 5mph

Other Sampling Notes: minor fouling on sensor cap.
Marietta flow = 19,200 cfs @ 1200 hr;

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: HOL Forebay **Investigator(s):** [illegible]

DATE 0 8 1 1 2 1 (m m d d y y)

PURPOSE 1
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

@1114 hr 7,500cfs SH: HOL: 9,500cfs

1,19

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 169.19 TR 106.64

No. of Units Operating 0 2 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 1000 (prevailing, 24 hr) *

Meter # 48938

CAL Temp 23.8 °C
Meter Temp 73.3 22.9 °C
Meter adj. to Okay °C

CAL DO 8.56 (mg/l)
Meter DO 8.67 (mg/l)
Meter adj to Okay (mg/l)

Comments BP: 756.2 elv: 200
Adj BP: 762.2

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)*	Temp 27.3 °C 0	Temp 27.32 °C **	Temp ___ °C
BP: 756.1 Adj BP: 760.7	DO 08.0 mg/l 2	DO 7.09 mg/l **	DO ___ mg/l

Comments Alt 190 @1100 hr

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1101 (prevailing, 24 hr) *

Data Download Location: Onsite (Lab or Onsite) Time of Download: 1104 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced;
4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ☐☐☐☐* Cal Temp _____ (°C) Cal DO ☐☐.☐ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ☐☐☐☐* Cal Temp _____ (°C) Cal DO ☐☐.☐ (mg/l)

Time that the monitor was redeployed in the Tailrace 1109 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1130 (24 hr)*	Temp 27.4 °C 4	Temp 27.52 °C**	Temp ___ °C
BP Adj BP-759.29	DO 08.1 mg/l 8	DO 7.99 mg/l**	DO ___ mg/l

Comments Alt: 190 @1130 hr

7 Air Temperature 27.2 °C

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: 3SW

Other Sampling Notes: Marietta Flow @ 1030 is 11,600 cfs.

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: AOL Piney Channel Investigator(s): ACL

DATE 0 8 1 1 2 1 (m m d d y y) PURPOSE 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1,19

1 PROJECT FLOW / RELEASE CONDITIONS: Forebay Elevation 169.14 TR: 106.64

No. of Units Operating 0 2 (0 to 12) Flow from Legacy Powerhouse Evident: YES or (NO) (circle one)

Flow from New Powerhouse: (YES) or NO (circle one) Flow in Piney Channel Evident: (YES) or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 1000 (prevailing, 24 hr) * CAL Temp 23.0 °C CAL DO 8.56 (mg/l)

Meter # 48938 Meter Temp 22.9 °C Meter DO 8.67 (mg/l)

Meter adj. to okay °C Meter adj to okay (mg/l)

Comments BP: 756.2 Alt: 200 Adj BP: 762.2

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1200 (24 hr)* BP: 759.42	Temp 27.3 °C 4	Temp 27.32 °C **	Temp ____ °C
Adj BP: ~~759.42~~	DO 08.1 mg/l 1	DO 7.78 mg/l ** @1205 hr	DO ____ mg/l

Comments Alt: 150 ft

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1201 (prevailing, 24 hr) *

Data Download Location: Onsite (Lab or Onsite) Time of Download: 1204 (24 hr) *

Applicable Maintenance Performed: 2

1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1208 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1230 (24 hr)* BP: 759.39	Temp 27.3 °C 5	Temp 27.42 °C**	Temp ____ °C
Adj BP:	DO 08.1 mg/l 7	DO 8.09 mg/l** @1230 hr	DO ____ mg/l

Comments Alt: 150 ft

7 Air Temperature 31.1 °C **Wind Conditions** (Circle one): Calm (light) Moderate Gusty Strong

Wind Direction: 6 SW

Other Sampling Notes: Large Tree is wrapped in the cable. Lost device capable of reading BP

Baro logger DLR 1212

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: HOL Tailrace **Investigator(s):** [illegible]

DATE 0 8 1 1 2 1 (m m d d y y)

PURPOSE 1
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 169.14 TR: 106.64

No. of Units Operating 02 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 1600 (prevailing, 24 hr) *
Meter # 48938
CAL Temp 23.0 °C
Meter Temp 22.9 °C
Meter adj. to okay °C
CAL DO 8.56 (mg/l)
Meter DO 8.67 (mg/l)
Meter adj to okay (mg/l)

Comments BP: 756.2 Alt: 200
Adj BP: 762.9

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1330 (24 hr)* BP: 759.14 Adj BP: Alt: 1251	Temp 27.3 °C 5	Temp 26.16 °C **	Temp ____ °C
	DO 8.1 mg/l 7	DO 8.30 mg/l **	DO ____ mg/l

Comments monitor was vandalized + out of water
last valid reading was 8-9-21 @ 1600 or 4:00pm - Temp = 26.16 + DO = 8.30 mg/L
NO valid DO or temp values from 8/9/21 @ 4pm until monitor check on 8/11/21 @ 1330 hr

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) [illegible] (prevailing, 24 hr) *
Data Download Location: Onsite (Lab or Onsite) Time of Download: 1343 (24 hr) *
Applicable Maintenance Performed: ____ 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1346 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1400 (24 hr)* BP: 758.78 Adj BP Alt: 1251	Temp 27.3 °C 5	Temp 27.50 °C**	Temp ____ °C
	DO 8.1 mg/l 7	DO 7.67 mg/l** @1400 hr	DO ____ mg/l

Comments

7 Air Temperature 32.8 °C

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: ____

Other Sampling Notes: DO meter was out of water upon arrival. Was placed back in water at 1325. MS5 and surveyor 1+2 both read no conn. Cannot read parameters - used Piney Channel values since problem w/ sonde

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Forebay Investigator(s): SWA

DATE 08/07/21 (m m d d y y) PURPOSE 1+3

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 3
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: Forebay Elevation 169.45 TR- 105.65 @ 0922hr

on - 1, +19

No. of Units Operating 12 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

FB 169.24
IR 107.17 @ 1027 from website

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MSS SOND E

Time 0815 (prevailing, 24 hr) * CAL Temp 23.0 °C CAL DO 8.52 (mg/l)

Meter # 48939 Meter Temp 22.9 °C Meter DO 8.53 (mg/l)

Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP = 759.66
Alt = 210 Adj BP = 765.71

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0930 (24 hr)*	Temp 28.3 °C²	Temp 28.28 °C **	Temp ____ °C
	DO 6.5 mg/l¹	DO 5.78 mg/l ** @0930hr	DO ____ mg/l

Comments BP = 759.96
Alt = 190' Adj BP = 765.04

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0931 (prevailing, 24 hr) *

Data Download Location: on site (Lab or Onsite) Time of Download: 0936 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = 760.00

cal. complete @1010 hr

Calibration Location: on site (Lab or Onsite) logger 100% DO - 7.93

DO Calibration*** 0936 Method Used: 1 (1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other) calculated 100% DO - 8.06

launched 1015 hr

Time: 0953* Cal Temp 22.8 (°C) Cal DO 8.06 (mg/l) new gain adj = 1.004

verified monitor was

0954 Method Used: 2 (1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other) logger 0% = -0.01

Time: 1010* Cal Temp 22.8 (°C) Cal DO 0.0 (mg/l) new offset adj = 0.018

~~redeployed~~ Time that the monitor was redeployed in the Tailrace 1021 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 28.3 °C²	Temp 28.18 °C**	Temp ____ °C
BP = 760.16	DO 6.4 mg/l²	DO 6.42 mg/l** @1030hr	DO ____ mg/l

Comments Alt = 190' Adj BP = 764.67

7 Air Temperature 22.8 °C (73 F) **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: SE 5 mph

Other Sampling Notes: Marietta Flow = 10,800 cfs @ 1030 hr minor fouling on sensor cap. crayfish in PVC canister w/ monitor; lab calibration performed from 0936 to 1010 hr

monitor launched at 1015 hr
verified monitor was logging @ 1016 hr

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Piney Channel Investigator(s): SWA

DATE 08/17/21 (m m d d y y)

PURPOSE 1+3
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 3+4
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 169.45 TR=105.65 @0922hr
m-1+19
No. of Units Operating 12 (0 to 12)
Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse YES or NO (circle one)
Flow in Piney Channel Evident YES or NO (circle one)
FB=169.08
TR=107.44 @1126 hr from website

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 Sonde

Time 0815 (prevailing, 24 hr) *
Meter # 48939

CAL Temp	23.0 °C	CAL DO	8.52 (mg/l)
Meter Temp	22.9 °C	Meter DO	8.53 (mg/l)
Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP=759.66
Alt=210' Adj BP=765.11

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1150 (24 hr)*	Temp 28.3 °C 1	Temp 28.24 °C **	Temp ____ °C
	DO 6.4 mg/l 2	DO 6.14 mg/l ** @1150hr	DO ____ mg/l

Comments BP=761.09
Alt=150' Adj BP=764.71

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1151 (prevailing, 24 hr) *
Data Download Location: on site (Lab or Onsite)
Time of Download: 1106 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced;
4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____
Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * Cal Temp _____ (°C) Cal DO ____.__ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * Cal Temp _____ (°C) Cal DO ____.__ (mg/l)

Time that the monitor was redeployed in the Tailrace 1113 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1130 (24 hr)*	Temp 28.3 °C 3	Temp 28.26 °C**	Temp ____ °C
BP=761.13	DO 6.4 mg/l 1	DO 6.46 mg/l** @1200hr	DO ____ mg/l

Comments Alt=150' Adj BP=765.50

7 Air Temperature 23.9 °C 75F
Wind Conditions (Circle one): Calm (Light) Moderate Gusty Strong
Wind Direction: SSE 7mph

Other Sampling Notes: Marietta flow = 10,500 cfs @ 1130 hr; minor fouling on sensor cap when the monitor was pulled up. large log stuck on cable, monitor still underwater; SAV around cable and PVC canister

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Holtwood Tailrace Investigator(s): SWA

DATE 08/07/21 (m m d d y y) PURPOSE [1]+3
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code [3]+4
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:
Forebay Elevation 169.45 TR=105.65 @0922 hr
No. of Units Operating [12] (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: (YES) or NO (circle one) Flow in Piney Channel Evident: (YES) or NO (circle one)
FB = 169.35
TR = 107.88

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MSS sonde

Time	0815 (prevailing, 24 hr) *	CAL Temp	23.9 °C	CAL DO	8.52 (mg/l)
Meter #	48939	Meter Temp	22.9 °C	Meter DO	8.53 (mg/l)
		Meter adj. to	OK °C	Meter adj to	OK (mg/l)

@ 1256 for website

Comments BP = 759.66
Alt = 210' Adj BP = 765.11

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1200 (24 hr)*	Temp 28.3 °C 5	Temp 28.34 °C **	Temp ____ °C
	DO 6.3 mg/l 4	DO 6.13 mg/l ** @ 1250 hr	DO ____ mg/l

Comments BP = 761.92
Alt = 125' Adj BP = 764.87

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:
Time retrieved (taken out of service) 1201 (prevailing, 24 hr) *
Data Download Location: on site (Lab or Onsite) Time of Download: 1206 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced;
4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:
Barometric pressure = 761.20
Calibration Location: on site (Lab or Onsite)
logger 100% DO = 7.54
calculated 100% DO = 7.67
Calibration complete @ 1238
DO Calibration*** 1207
Method Used: [1] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other Newgain adj = 1.009
Time: 1222* Cal Temp 29.0 (°C) Cal DO [17.67] (mg/l)

1223
Method Used: [2] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other new offset Adj = 0.020
logger 0% = 0.01
Time: 1238* Cal Temp 29.0 (°C) Cal DO [0.0] (mg/l)

Time that the monitor was redeployed in the Tailrace 1247 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1300 (24 hr)*	Temp 28.3 °C 8	Temp 28.42 °C**	Temp ____ °C
BP = 761.51	DO 16.3 mg/l 3	DO 6.28 mg/l** @ 1300	DO ____ mg/l

Comments Alt = 125' Adj BP = 765.10

7 Air Temperature 26.1 °C (79F) Wind Conditions (Circle one): Calm (Light) Moderate Gusty Strong
Wind Direction: SSE 7 mph

Other Sampling Notes: Marietta flow = 10,700 cfs @ 1300 hr, minor fouling on sensor cap
lab calibration performed from 1207 to 1238 hr; monitor relaunched @ 1241 hr
verified monitor was logging @ 1242

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: FOREBAY MONITOR **Investigator(s):** SWA

DATE 0 8 2 4 2 1 (m m d d y y)

PURPOSE 1 +2
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 2 +1
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

units on - All except 2
49, 18 off

Forebay Elevation 190.89 TR = 114.01 @ 0823 hr

No. of Units Operating 12 (0 to 12) 4 Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 SONDE

Time 0750 (prevailing, 24 hr) *

Meter # 48939

CAL Temp	22.5 °C	CAL DO	8.60 (mg/l)
Meter Temp	22.4 °C	Meter DO	8.62 (mg/l)
Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP = 754.69
Alt = 210 Adj BP = 760.50

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0830 (24 hr)*	Temp 24.7 °C 7	Temp 24.72 °C **	Temp ____ °C
	DO 6.9 mg/l 8	DO 7.07 mg/l **	DO ____ mg/l

@ 0830 hr

Comments BP = 755.31
Alt = 190 Adj BP = 760.98

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0831 (prevailing, 24 hr) *

Data Download Location: on site (Lab or Onsite) Time of Download: 0837 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced;
4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 0843 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0900 (24 hr)*	Temp 24.7 °C 6	Temp 24.68 °C**	Temp ____ °C
BP = 755.59	DO 6.9 mg/l 5	DO 7.14 mg/l**	DO ____ mg/l

@ 0900 hr

Comments Alt = 190 Adj BP = 760.78

7 Air Temperature 23.9 °C

75F

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: NW 6 mph

Other Sampling Notes: Marietta Flow - 54,000 cfs @ 0900 hr, minor fouling on sensor cap

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: PINEY CHANNEL MONITOR **Investigator(s):** SWA

DATE 0 8 2 4 2 1 (m m d d y y)

PURPOSE 1 2+3
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1 +2
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 170.89 TR=114.01 @0823 hr

u.9+ All on except 2
18 - off

No. of Units Operating 1 2 (0 to 1~~2~~) 4 Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB= 170.73

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one) TR= 114.00 from website @1026 hr

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 SONDE

Time 0750 (prevailing, 24 hr) *
Meter # 48939

CAL Temp	22.5 °C	CAL DO	8.60 (mg/l)
Meter Temp	22.4 °C	Meter DO	8.62 (mg/l)
Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP= 754.69
AH=210 Adj BP=760.50

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0930 (24 hr)* 8.59	Temp 24.8 °C 9	Temp 24.80 °C **	Temp ___ °C
	DO 8.7 mg/l 0	DO 8.59 mg/l ** @0930 hr	DO ___ mg/l

Comments BP-756.54
AH=150 Adj BP-760.42

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0931 (prevailing, 24 hr) *

Data Download Location: on site (Lab or Onsite) Time of Download: 0939 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced;
4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = 755.85

Calibration Location: on site (Lab or Onsite)

logger DO 100% conc - 8.08
calculated 100% conc - 7.99

DO Calibration*** 0938 Method Used: 1 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other New gain adj = 0.990

Time: 0954* Cal Temp 79.1F (°C) Cal DO 7.99 (mg/l)

logger 0% conc - 0.01

0956 Method Used: 2 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other New offset adj - 0.003

Time: 1011* Cal Temp 79.1F (°C) Cal DO 0.0 (mg/l)

Time that the monitor was redeployed in the Tailrace 1022 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 24.9 °C 3	Temp 24.90 °C**	Temp ___ °C
BP=756.91	DO 8.8 mg/l 0	DO 8.62 mg/l** @1100 hr	DO ___ mg/l

Comments AH=150 Adj BP=760.76

7 Air Temperature 27.2 °C 81F

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: NW 6 mph

Other Sampling Notes: Marletta flow=54,700 cfs @ 1030 hr; minor fouling on sensor cap. water flowing over ober meyer gates and boards, boards appear to still be intact / in place

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

performed lab calibration - 0938 to 1011 hr.
launched to start logging @ 1030 hr

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: TAILRACE MONITOR Investigator(s): SWA

DATE 08/24/21 (m m d d y y) PURPOSE 1+2
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: Forebay Elevation 170.89 TR=114.01 @0823 hr

units 9+18 off — All on except 2
No. of Units Operating 12 (0 to 18) Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB - 170.01
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one) TR - 114.39 from website @ 1126 hr

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 SOND

Time (prevailing, 24 hr) *	0750	CAL Temp	22.5 °C	CAL DO	8.60 (mg/l)
Meter #	48939	Meter Temp	22.4 °C	Meter DO	8.62 (mg/l)
		Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP = 754.69
Alt = 210 Adj BP = 760.50

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)*	Temp 24.7 °C 2	Temp 24.70 °C **	Temp ____ °C
BP = 757.86	DO 7.0 mg/l 7	DO 7.06 mg/l ** @1160 hr	DO ____ mg/l

Comments
Alt = 125 Adj BP = 760.95

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1101 (prevailing, 24 hr) *
Data Download Location: onsite (Lab or Onsite) Time of Download: 1106 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ☐☐.☐ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ☐☐.☐ (mg/l)

Time that the monitor was redeployed in the Tailrace 1113 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1130 (24 hr)*	Temp 24.7 °C 2	Temp 24.72 °C**	Temp ____ °C
BP = 757.75	DO 7.0 mg/l 6	DO 7.12 mg/l ** @1130 hr	DO ____ mg/l

Comments Alt = 125 Adj BP = 760.90

7 Air Temperature 27.8 °C (82F) **Wind Conditions** (Circle one): Calm (Light) Moderate Gusty Strong
Wind Direction: NW 5 mph

Other Sampling Notes: Marietta flow = 55,400 cfs @ 1130 hr; minor fouling on sensor cap

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Forebay Monitor Investigator(s): SWA

DATE 08/12/11 (m m d d y y) PURPOSE 1+2

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 2
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: Forebay Elevation 168.58 TR = 108.65 @0825hr

Units on- 1,2,3,5,6,7,10,11
No. of Units Operating 8 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 sn02

Time 0754 (prevailing, 24 hr) * CAL Temp 22.5 °C CAL DO 8.51 (mg/l)
Meter # 48939 Meter Temp 22.7 °C Meter DO 8.46 (mg/l)
Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP = 751.41
Alt = 211 Adj BP = 757.17

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0830 (24 hr)*	Temp 26.6 °C 5	Temp 26.60 °C **	Temp ____ °C
	DO 6.1 mg/l 4	DO 6.21 mg/l ** @0830hr	DO ____ mg/l

Comments BP = 751.79
Alt = 190' Adj BP = 756.59

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0831 (prevailing, 24 hr) *
Data Download Location: on site (Lab or Onsite) Time of Download: 0837 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * Cal Temp _____ (°C) Cal DO ____ . ☐ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * Cal Temp _____ (°C) Cal DO ____ . ☐ (mg/l)

Time that the monitor was redeployed in the Tailrace 0847 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0900 (24 hr)*	Temp 26.6 °C 7	Temp 26.62 °C**	Temp ____ °C
BP = 751.70	DO 6.1 mg/l 3	DO 6.23 mg/l** @0930hr	DO ____ mg/l
Comments Alt = 190	Adj BP = 756.47		

7 Air Temperature 22.8 °C (73F) Wind Conditions (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: WNW 3 mph

Other Sampling Notes: Merritt Flow = 26,600 cfs @ 0900 hr; minor fouling on sensor cap
water appears turbid and muddy.

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: PINEY CHANNEL MONITOR Investigator(s): SNA

DATE 08/12/21 (m m d d y y)

PURPOSE 1 + 2
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 2 + 3
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 168.58 TR=108.65 @0825 hr

units on-1,2,3,5,6,7,10+9

No. of Units Operating 8 (0 to 12)

Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB-168.95

Flow from New Powerhouse: YES or NO (circle one)

Flow in Piney Channel Evident: YES or NO (circle one) TR-108.52

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MSS SONDE

Time 0754 (prevailing, 24 hr) *

Meter # 48939

CAL Temp 22.5 °C

Meter Temp 22.7 °C

Meter adj. to OK °C

CAL DO 8.51 (mg/l)

Meter DO 8.46 (mg/l)

Meter adj to OK (mg/l)

@0956 hr from website

Comments BP = 751.41

AH = 211 Adj BP = 757.17

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0930 (24 hr)*	Temp 26.7 °C 1	Temp 26.62 °C **	Temp ____ °C
	DO 6.3 mg/l D	DO 6.19 mg/l ** @0930 hr	DO ____ mg/l

Comments BP = 752.68

AH = 150' Adj BP = 756.64

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0931 (prevailing, 24 hr) *

Data Download Location: onsite (Lab or Onsite) Time of Download: 0937 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 0943 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1050 (24 hr)*	Temp 26.7 °C 4	Temp 26.64 °C**	Temp ____ °C
BP = 752.73	DO 6.3 mg/l 1	DO 6.27 mg/l** @1050 hr	DO ____ mg/l

Comments AH = 150' Adj BP = 756.81

7 Air Temperature 23.9 °C 75F

Wind Conditions (Circle one): Calm (Light) Moderate Gusty Strong

Wind Direction: WNW @ 3 mph

Other Sampling Notes: Moritta flow = 26,600 cfs @ 1000 hr; minor fouling on sensor cap. no water spilling over boards or obermeyer gates; no damaged boards, no debris near monitor

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: TAILRACE MONITOR Investigator(s): SWA

DATE 08/12/11 (m m d d y y) PURPOSE 1+2

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 3
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 168.58 TR=108.65 @0825 hr
units on 1,2,3,5,6,7, 10+9
No. of Units Operating 8 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB = 168.97
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one) TR = 109.52

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

@ 1056 hr from website

HACH MSS SONDE

Time 0754 (prevailing, 24 hr) * CAL Temp 22.5 °C CAL DO 8.51 (mg/l)
Meter # 48939 Meter Temp 22.7 °C Meter DO 8.46 (mg/l)
Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP = 751.41
Alt = 211 Adj BP = 757.17

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 26.6 °C 9	Temp 26.68 °C **	Temp ____ °C
	DO 6.1 mg/l 4	DO 6.10 mg/l ** @ 1030 hr	DO ____ mg/l

Comments BP = 753.66
Alt = 125' Adj BP = 756.01

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1031 (prevailing, 24 hr) *
Data Download Location: on-site (Lab or Onsite) Time of Download: 1037 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____
Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * Cal Temp _____ (°C) Cal DO ____ . ☐ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * Cal Temp _____ (°C) Cal DO ____ . ☐ (mg/l)

Time that the monitor was redeployed in the Tailrace 1046 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)*	Temp 26.7 °C 0	Temp 26.72 °C**	Temp ____ °C
BP = 753.67	DO 6.1 mg/l 3	DO 6.11 mg/l** @ 1100 hr	DO ____ mg/l

Comments Alt = 125' Adj BP = 756.14

7 Air Temperature 27.2 °C 81F Wind Conditions (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: NNW 3 mph

Other Sampling Notes: Marietta flow = 26,600 cfs @ 1100 hr, minor fouling on sensor cap; tailrace water muddy + turbid looking;

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Forebay Monitor **Investigator(s):** SWA

DATE 0 9 0 2 2 1 (m m d d y y) **PURPOSE** [2] remove monitor due to river flow >100kcfs **Weather Code** [1]

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 173.90 TR=123.75 @1128 hr

No. of Units Operating [1 3] (0 to 1[2]) 4 **Flow from Legacy Powerhouse Evident:** (YES) or NO (circle one) FB-174.09

Flow from New Powerhouse: (YES) or NO (circle one) **Flow in Piney Channel Evident:** (YES) or NO (circle one) TR-123.33

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

@1206 hr from website

HACH MSS sonde

Time 1045 (prevailing, 24 hr) * **CAL Temp** 22.5 °C **CAL DO** 8.56 (mg/l)

Meter # 48939 **Meter Temp** 22.4 °C **Meter DO** 8.58 (mg/l)

Meter adj. to OK °C **Meter adj to** OK (mg/l)

Comments BP = 753.40

Alt = 211' Adj BP = 759.10

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
[1 1 3 5] (24 hr)*	Temp [2 1 . 9] °C [a]	Temp 21.86 °C **	Temp ____ °C
	DO [7 . 3] mg/l [5]	DO 7.55 mg/l ** @1130 hr	DO ____ mg/l

Comments BP = 753.85

Alt = 190 Adj BP = 758.72

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Monitor removed from forebay location due to river flow >100kcfs. will download when redeployed

Time retrieved (taken out of service) [1 1 3 8] (prevailing, 24 hr) *

Data Download Location: ____ (Lab or Onsite) **Time of Download:** [ ] (24 hr) *

Applicable Maintenance Performed: ____ 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration* ** **Method Used:** [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: [ ] * **Cal Temp** ____ (°C) **Cal DO** [ ] . [ ] (mg/l)

Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: [ ] * **Cal Temp** ____ (°C) **Cal DO** [ ] . [ ] (mg/l)

Time that the monitor was redeployed in the Tailrace [ ] (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
[ ] (24 hr)*	Temp [ ] . [ ] °C	Temp ____ °C**	Temp ____ °C
	DO [ ] . [ ] mg/l	DO ____ mg/l**	DO ____ mg/l

Comments

7 Air Temperature 22.2 °C (72F) **Wind Conditions** (Circle one): Calm Light (Moderate) Gusty Strong

Wind Direction: NNW 13 mph

Other Sampling Notes: Minor fouling on sensor cap, Marietta flow = 22,000 cfs @ 1130 hr

Placed a calibration boot on the monitor

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Piney Channel Monitor **Investigator(s):** SWA

DATE 0 9 0 2 2 1 (m m d d y y)

PURPOSE 2 remove due to high river flow >100Kcfs

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 173.90 TR = 123.75 @1128hr

No. of Units Operating 1 3 (0 to 1~~2~~4) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

FB-173.94
TR-123.80
@1126 hr from website

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 SONDE

Time 1045 (prevailing, 24 hr) *

Meter # 48939

CAL Temp	22.5 °C	CAL DO	8.56 (mg/l)
Meter Temp	22.4 °C	Meter DO	8.58 (mg/l)
Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP = 753.40
Alt = 211 Adj BP = 759.10

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1105 (24 hr)*	Temp 22.0 °C²	Temp 22.04 °C **	Temp ____ °C
	DO 9.3 mg/l³	DO 9.28 mg/l **	DO ____ mg/l

@1100 hr

Comments BP = 754.74
Alt = 150' Adj BP = 758.50

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Monitor removed from PC location due to river flow >100Kcfs

Time retrieved (taken out of service) 1108 (prevailing, 24 hr) *

Data Download Location: ____ (Lab or Onsite) Time of Download: ____ (24 hr) * w

Applicable Maintenance Performed: ____ 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____) will download when redeployed

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace ____ (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
____ (24 hr)*	Temp ____ . ____ °C	Temp ____ °C**	Temp ____ °C
	DO ____ . ____ mg/l	DO ____ mg/l**	DO ____ mg/l

Comments

7 Air Temperature 21.1 °C

70F

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: NNW 13 mph

Other Sampling Notes: Very turbulent and muddy water spilling over dam, cable/monitor downstream and cable tight; Minor fouling on sensor cap.

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

Marietta flow = 221,000 cfs @1100hr
Placed a calibration boot on the monitor

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: FOREBAY MONITOR **Investigator(s):** SWA

DATE 09/07/21 (m m d d y y) **PURPOSE** 1+2 PLUS REDEPLOY **Weather Code** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: **Forebay Elevation** 167.76 TR=113.58 @ 0827 Temp 70.16F

No. of Units Operating 14 (0 to 14) units on - All on Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH Time 0745 (prevailing, 24 hr) * **CAL Temp** 23.0 °C **CAL DO** 8.55 (mg/l)

MSE 5000 Meter # 48939 Meter Temp 23.1 °C Meter DO 8.57 (mg/l)

Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP = 755.51

Alt = 211' Adj BP = 760.76

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
(24 hr)*	Temp . °C	Temp °C **	Temp °C
	DO . mg/l	DO mg/l **	DO mg/l

Comments

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE: → due to river flow >100 kcfs

Time retrieved (taken out of service) 9/2/21 1138 (prevailing, 24 hr) *

Data Download Location: on site (Lab or Onsite) Time of Download: 0814 (24 hr) *

Applicable Maintenance Performed: _____ 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: _____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: _____ * Cal Temp _____ (°C) Cal DO . (mg/l)

Method Used: _____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: _____ * Cal Temp _____ (°C) Cal DO . (mg/l)

Time that the monitor was redeployed in the Tailrace 0816 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0830 (24 hr)*	Temp 20.5 °C 3	Temp 20.46 °C**	Temp °C
BP = 756.05	DO 8.0 mg/l 2	DO 8.44 mg/l**	DO mg/l
Comments Alt = 190' Adj BP = 760.58		@ 0830	

7 Air Temperature 17.8 °C 64F **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong **Wind Direction:** E 1 mph

Other Sampling Notes: Marietta flow = 57,100 cfs @ 0830 hr; Deployed monitor back in forebay @ 0816 hr;

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: PINEY CHANNEL MONITOR **Investigator(s):** SWA

DATE 0 9 0 7 2 1 (m m d d y y)

PURPOSE 1 + 2 PLUS DEPLOY
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

units on - All units

Forebay Elevation 167.76 TR=113.58 @0827hr

No. of Units Operating 1 4 (0 to 12) 4 — Flow from Legacy Powerhouse Evident: YES or NO (circle one) 70.16F

Flow from New Powerhouse: YES or NO (circle one) — Flow in Piney Channel Evident: YES or NO (circle one)

FB-167.83
TR-113.42
from website @0856hr

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 SONDE

Time 0745 (prevailing, 24 hr) *
Meter # 48939

CAL Temp	23.0 °C	CAL DO	8.55 (mg/l)
Meter Temp	23.1 °C	Meter DO	8.57 (mg/l)
Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP=755.51
Alt=211' Adj BP=760.76

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
[illegible] (24 hr)*	Temp [ ] . [ ] °C	Temp ____ °C **	Temp ____ °C
	DO [ ] . [ ] mg/l	DO ____ mg/l **	DO ____ mg/l

Comments

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE: → due to river flow > 100kcfs

Time retrieved (taken out of service) 9/2/21 1108 (prevailing, 24 hr) *

Data Download Location: on site (Lab or Onsite) — Time of Download: 0845 (24 hr) *

Applicable Maintenance Performed: ____
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced;
4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** — Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: [ ] * — Cal Temp ____ (°C) — Cal DO [ ] . [ ] (mg/l)

Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: [ ] * — Cal Temp ____ (°C) — Cal DO [ ] . [ ] (mg/l)

Time that the monitor was redeployed in the Tailrace 0848 0816 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time 0900	Handheld DO Meter	Continuous Monitor	Additional Meter
0830 (24 hr)*	Temp 20.6 °C 31	Temp 20.78 °C**	Temp ____ °C
BP=757.05	DO 8.2 mg/l 8	DO 8.48 mg/l**	DO ____ mg/l

Comments Alt=150' Adj BP=761.24 @0900

7 Air Temperature 18.9 °C

66F

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: ENE 1mph

Other Sampling Notes: Marietta Flow = 57,000 cfs @ 0900 hr; boards damaged and leaning over, water flowing over boards, no water over obermeyer gates - they are inflated.

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: TAILRACE MONITOR **Investigator(s):** SNA

DATE 09/07/21 (m m d d y y) **PURPOSE** 1 + 2

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: **Forebay Elevation** 167.76 TR=113.58 @0827hr

All units on
No. of Units Operating 14 (0 to 12)[4] Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB - 168.19
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one) TR - 113.80

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 SONDE

Time 0745 (prevailing, 24 hr) * **CAL Temp** 23.0 °C **CAL DO** 8.55 (mg/l) from website @1026 hr
Meter # 48939 Meter Temp 23.1 °C Meter DO 8.57 (mg/l)
Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP = 755.51
Alt = 211' Adj BP = 760.76

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1000 (24 hr)*	Temp 20.6 °C [0]	Temp 20.58 °C **	Temp ____ °C
	DO 8.1 mg/l [1]	DO 8.30 mg/l ** @1000 hr	DO ____ mg/l

Comments BP = 757.94
Alt = 120' Adj BP = 761.37

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1001 (prevailing, 24 hr) *
Data Download Location: on site (Lab or Onsite) Time of Download: 1007 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * Cal Temp _____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * Cal Temp _____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1013 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 20.6 °C [3]	Temp 20.80 °C**	Temp ____ °C
BP = 757.93	DO 8.1 mg/l [2]	DO 8.28 mg/l** @1030 hr	DO ____ mg/l

Comments Alt = 120' Adj BP = 761.15

7 Air Temperature 22.2 °C 72F **Wind Conditions** (Circle one): (Calm) (Light) Moderate Gusty Strong
Wind Direction: N 1 mph

Other Sampling Notes: Marietta flow = 56,500 cfs @ 1030 hr, minor fouling on sensor cap leaves and debris to top of railing; platform railing most likely under water, mud on steps leading down to platform.

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: HOL Forebay Investigator(s): AES

DATE 09/14/21 (m m d d y y) PURPOSE [1]
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code [1]/6
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 164.4 ft TR: 108.4 ft HOL Dis: 29?
SH: 25.9 KCFS @ 0915

No. of Units Operating [08] (0 to 12)
Flow from New Powerhouse: (YES) or NO (circle one)
Flow from Legacy Powerhouse Evident: (YES) or NO (circle one)
Flow in Piney Channel Evident: (YES) or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0740 (prevailing, 24 hr) *
Meter # 48939
Comments BP: 763.6 Elv: 210 Adj BP:

CAL Temp 21.0 °C
Meter Temp 21.6 °C
Meter adj. to okay °C

CAL DO 8.90 (mg/l)
Meter DO 8.65 (mg/l)
Meter adj to okay (mg/l)

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time 0900 (24 hr)*
BP: 764.3 Adj BP:
Comments Elv: 190

	Handheld DO Meter	Continuous Monitor	Additional Meter
Temp	22.3 °C2	22.24 °C **	____ °C
DO	09.5 mg/l4	9.42 mg/l ** @0900hr	____ mg/l

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0901 (prevailing, 24 hr) *
Data Download Location: onsite (Lab or Onsite)
Time of Download: 0906 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION:

Calibration Location: ____ (Lab or Onsite)
Barometric pressure = ____

DO Calibration***
Time: ____ *
Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Cal Temp ____ (°C) Cal DO [ ][ ]. [ ] (mg/l)

Time: ____ *
Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Cal Temp ____ (°C) Cal DO [ ][ ]. [ ] (mg/l)

Time that the monitor was redeployed in the Tailrace 0913 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time 0930 (24 hr)*
BP: 764.3
Comments Adj BP: Elv: 190

	Handheld DO Meter	Continuous Monitor	Additional Meter
Temp	22.3 °C3	22.36 °C**	____ °C
DO	09.6 mg/l0	9.58 mg/l** @0930hr	____ mg/l

7 Air Temperature 20.5 °C Wind Conditions (Circle one): (Calm) Light Moderate Gusty Strong
Wind Direction: O WNW

Other Sampling Notes: Marietta Flow 26.5 KCFS, Minor Fowling on sensor, some grit in tube

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: HOL Piney Channel Investigator(s): ACS

DATE 09/14/21 (m m d d y y)

PURPOSE [1]
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code [2]
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 164.4 ft TR: 108.9 ft

HOL Discharge 20.2 KCFS
SH Discharge 25.9 KCFS

No. of Units Operating [08] (0 to 12) Flow from Legacy Powerhouse Evident: (YES) or NO (circle one)

Flow from New Powerhouse: (YES) or NO (circle one) Flow in Piney Channel Evident: (YES) or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0740 (prevailing, 24 hr) * CAL Temp 21.0 °C CAL DO 8.90 (mg/l)

Meter # 48939 Meter Temp 21.6 °C Meter DO 8.65 (mg/l)

Meter adj. to okay °C Meter adj to okay (mg/l)

Comments BP 763.6
Adj BP Elv: 210

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1000 (24 hr)*	Temp 22.4 °C **	Temp 22.30 °C **	Temp ____ °C
BP: 764.0 Adj BP:	DO 09.7 mg/l	DO 9.54 mg/l **	DO ____ mg/l
Comments Elv: 150		@ 1000 hr	

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1001 (prevailing, 24 hr) *

Data Download Location: Onsite (Lab or Onsite) Time of Download: 1007 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * Cal Temp _____ (°C) Cal DO __.__ (mg/l)

Method Used: [ ] 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * Cal Temp _____ (°C) Cal DO __.__ (mg/l)

Time that the monitor was redeployed in the Tailrace 1012 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 22.4 °C	Temp 22.46 °C**	Temp ____ °C
BP 763 Adj BP	DO 09.8 mg/l	DO 9.61 mg/l**	DO ____ mg/l
Comments Elv: 150		@ 1030 hr	

7 Air Temperature 24.4 °C

Wind Conditions (Circle one): (Calm) Light Moderate Gusty Strong

Wind Direction: SSE

Other Sampling Notes: Baro Hobo downloaded @ 1016
Marietta Flow 26.4 KCFS @ 0930
Minor fowling on sensor cap

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: HOL Tailrace **Investigator(s):** ACS

DATE 09/14/21 (m m d d y y) **PURPOSE** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 2
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

HOL Discharge 24.1 KCFS
SH Discharge 23.3 KCFC @ 1117 Hr

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 164.4ft TR: 108.4 ft.

No. of Units Operating 08 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

reduced load on Unit 19

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0740 (prevailing, 24 hr) *
Meter # 48939
CAL Temp 21.0 °C
Meter Temp 21.6 °C
Meter adj. to okay °C
CAL DO 8.90 (mg/l)
Meter DO 8.65 (mg/l)
Meter adj to okay (mg/l)

Comments BP: 763.6
Adj BP: Elv: 210

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)* BP: 764.3 Adj BP:	Temp 22.4 °C ○	Temp 22.36 °C **	Temp ____ °C
	DO 09.7 mg/l	DO 9.35 mg/l ** @ 1108 hr	DO ____ mg/l

Comments Elv: 125

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1101 (prevailing, 24 hr) *
Data Download Location: onsite (Lab or Onsite) Time of Download: 1108 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other ( )

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = ____
Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____
Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1112 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1130 (24 hr)* BP: 763.5	Temp 22.4 °C 3	Temp 22.42 °C**	Temp ____ °C
	DO 09.7 mg/l 0	DO 9.46 mg/l** @ 1203 hr	DO ____ mg/l

Comments Adj BP: Elv: 125

7 Air Temperature 27.2 °C

Wind Conditions (Circle one): (Calm) Light Moderate Gusty Strong
Wind Direction: 4 S

Other Sampling Notes: Marcella Flow 26.2 KCFS Minor fowling on sensor cap

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: FOREBAY MONITOR **Investigator(s):** SWA

DATE 0 9 2 1 2 1 (m m d d y y) **PURPOSE** 1 + 2

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 2
1=Clear 2=P. Cloudy 3=Overcast
4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: **Forebay Elevation** 168.99 TR=111.53@0847hr

units on - 1,2,3,5,7+9+19
No. of Units Operating 14+13 9 (0 to 14) Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 SONDE

Time	0805 (prevailing, 24 hr) *	CAL Temp	22.5 °C	CAL DO	8.65 (mg/l)
		Meter Temp	22.6 °C	Meter DO	8.71 (mg/l)
Meter #	48939	Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP = 763.42
Alt=210' Adj BP = 768.84

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0900 (24 hr)*	Temp 24.1 °C 8	Temp 24.12 °C **	Temp ____ °C
	DO 7.6 mg/l 0	DO 7.49 mg/l **	DO ____ mg/l

Comments BP = 763.76
Alt=190' Adj BP = 768.31
@0900hr

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0901 (prevailing, 24 hr) *
Data Download Location: onsite (Lab or Onsite) Time of Download: 0907 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced;
4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * Cal Temp _____ (°C) Cal DO __ . __ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * Cal Temp _____ (°C) Cal DO __ . __ (mg/l)

Time that the monitor was redeployed in the Tailrace 0913 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0930 (24 hr)*	Temp 24.1 °C 6	Temp 24.02 °C**	Temp ____ °C
BP = 763.74	DO 7.5 mg/l 8	DO 7.75 mg/l**	DO ____ mg/l

Comments Alt=190 Adj BP = 768.32 @0930

7 Air Temperature 17.8 °C 64F **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: ESE 5mph

Other Sampling Notes: Marietta flow=29,400 cfs @ 0930 hr; minor fouling on sensor cap + PVC canister, limb stuck on cable when I arrived, easily removed

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: PINEY CHANNEL MONITOR Investigator(s): SWA

DATE 09/21/21 (m m d d y y)

PURPOSE 1 + 2
1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 2
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: Forebay Elevation 168.99 TR=111.53 @ 0847 hr

Units on 1,2,3,5,7,9,11,13+19

No. of Units Operating 9 (0 to 9) Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB=169.16

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one) TR=113.16

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH HQ40 SONDE

Time 0805 (prevailing, 24 hr) * CAL Temp 22.5 °C CAL DO 8.65 (mg/l)

Meter # 48939 Meter Temp 22.6 °C Meter DO 8.71 (mg/l)

Meter adj. to OK °C Meter adj to OK (mg/l)

@ 1026 hr from website

Comments BP=763.42 Alt=210' Adj BP=768.84

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1000 (24 hr)*	Temp 24.2 °C 0	Temp 24.12 °C **	Temp ____ °C
	DO 7.7 mg/l 1	DO 7.51 mg/l ** @ 1050 hr	DO ____ mg/l

Comments BP=764.48 Alt=150 Adj BP=768.20

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1001 (prevailing, 24 hr) *

Data Download Location: on site (Lab or Onsite) Time of Download: 1007 (24 hr) *

Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1014 (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 24.2 °C 1	Temp 24.12 °C**	Temp ____ °C
BP=764.51	DO 7.7 mg/l 3	DO 7.71 mg/l** @ 1038 hr	DO ____ mg/l

Comments Alt=150' Adj BP=768.46

7 Air Temperature 21.1 °C 70F **Wind Conditions** (Circle one): Calm (Light) Moderate Gusty Strong

Wind Direction: E 7 mph

Other Sampling Notes: Marietta flow = 29,200 cfs @ 1030 hr; minor fouling on sensor cap some leakage coming under boards

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: TAILRACE MONITOR **Investigator(s):** SWA

DATE 09/21/21 (m m d d y y) **PURPOSE** 1 + 2

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code ☐ 1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: **Forebay Elevation** 168.99 TR=111.53@0847 hr

Units from 1,2,3,5,7,9,11,13+19 No. of Units Operating 9 (0 to 12) 4

Flow from Legacy Powerhouse Evident: YES or NO (circle one) FB=169.38

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one) TR=116.64 from website @ 1126 hr

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

HACH MS5 SOND6

Time 0805 (prevailing, 24 hr) * CAL Temp 22.5 °C CAL DO 8.65 (mg/l)

Meter # 48939 Meter Temp 22.6 °C Meter DO 8.71 (mg/l)

Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP = 763.42 Alt = 210' Adj BP = 768.84

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1100 (24 hr)*	Temp 24.1 °C 2	Temp 24.36 °C **	Temp ____ °C
	DO 7.6 mg/l 5	DO 7.58 mg/l ** @1100 hr	DO ____ mg/l

Comments BP = 765.20 Alt = 120' Adj BP = 768.19

Monitor vandalized removed from tailrace before 2130hr reading on 9-17-21

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1101 (prevailing, 24 hr) *

Data Download Location: on site (Lab or Onsite) Time of Download: 1106 (24 hr) *

Applicable Maintenance Performed: 2 (1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____))

*see additional notes below

5 CONTINUOUS MONITOR CALIBRATION: Barometric pressure = ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration*** Method Used: ☐ (1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____)

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Method Used: ☐ (1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____)

Time: ____ * Cal Temp ____ (°C) Cal DO ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace 1113 (prevailing, 24 hr) *

NO VALID DATA FROM 9-17-21 @2130 through 9-21-21 @1030hr. The 1100 hr value is valid 1 reading first

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1130 (24 hr)*	Temp 24.1 °C 0	Temp 24.10 °C**	Temp ____ °C
BP = 765.13	DO 7.6 mg/l 9	DO 7.63 mg/l ** @1130 hr	DO ____ mg/l

Comments Alt = 120' Adj BP = 768.22

7 Air Temperature 22.8 °C 73F **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong **Wind Direction:** ESE 9 mph

Other Sampling Notes: Marietta flow = 29,000 cfs @ 1130 hr. * monitor out of water upon arrival at site 1048 hr; placed ~~back~~ in tailrace at 1050 hr. Based on tailrace level @ 1115 hr monitor would have been under water will have to check data.

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Forebay Monitor **Investigator(s):** SWA

DATE 10/21 (m m d d y y) **PURPOSE** 2 **Weather Code** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS: **Forebay Elevation** 167.71 TR = 115.55 @ 0822hr

No. of Units Operating 9 (0 to 12) Flow from Legacy Powerhouse Evident: **YES** or **NO** (circle one)

Flow from New Powerhouse: **YES** or **NO** (circle one) Flow in Piney Channel Evident: **YES** or **NO** (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

Time 0753 (prevailing, 24 hr) * **CAL Temp** 22.5 °C **CAL DO** 8.64 (mg/l)

Meter # 48939 Meter Temp 22.6 °C Meter DO 8.67 (mg/l)

Meter adj. to OK °C Meter adj to OK (mg/l)

Comments BP = 762.83 Aff = 210' Adj BP = 768.33

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0830 (24 hr)*	Temp 17.7 °C	Temp 17.72 °C **	Temp ____ °C
	DO 8.4 mg/l	DO 8.94 mg/l ** @0830 hr	DO ____ mg/l

Comments BP = 763.25 Aff = 190' Adj BP = 768.17 END OF MONITORING SEASON (PERIOD)

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0831 (prevailing, 24 hr) *

Data Download Location: on site (Lab or Onsite) **Time of Download:** 0837 (24 hr) *

Applicable Maintenance Performed: 2 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (____)

5 CONTINUOUS MONITOR CALIBRATION: **Barometric pressure =** ____

Calibration Location: ____ (Lab or Onsite)

DO Calibration* **Method Used:** ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * **Cal Temp** ____ (°C) **Cal DO** ____ . ____ (mg/l)

Method Used: ____ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other ____

Time: ____ * **Cal Temp** ____ (°C) **Cal DO** ____ . ____ (mg/l)

Time that the monitor was redeployed in the Tailrace ____ (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
____ (24 hr)*	Temp ____ °C	Temp ____ °C**	Temp ____ °C
	DO ____ mg/l	DO ____ mg/l**	DO ____ mg/l

Comments

7 Air Temperature 8.89 °C **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: WSW 2 mph

Other Sampling Notes: Marietta Flow = 44,160 cfs @ 0830 hr; minor fouling on sensor cap END OF MONITORING SEASON (PERIOD)

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Piney Channel Monitor **Investigator(s):** SWA

DATE 10/21 (m m d d y y) **PURPOSE** 2 **Weather Code** 1

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 167.71 TR=115.55 @0822 hr

No. of Units Operating 09 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)

Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

FB=167.47 TR=115.78 from website @0926 hr

HACH MS5 SONDE

Time (prevailing, 24 hr) *	0753	**CAL Temp**	22.5 °C	**CAL DO**	8.64 (mg/l)
		Meter Temp	22.6 °C	Meter DO	8.67 (mg/l)
Meter #	48939	Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP=762.83 Alt=210' Adj BP=768.33

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
0930 (24 hr)*	Temp 17.8 °C [3]	Temp 17.74 °C **	Temp ____ °C
	DO 8.5 mg/l [9]	DO 8.96 mg/l ** @0930 hr	DO ____ mg/l

Comments BP=764.54 Alt=150' Adj BP=769.09 END OF MONITORING SEASON (PERIOD)

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 0931 (prevailing, 24 hr) *

Data Download Location: on site (Lab or Onsite) **Time of Download:** 0938 (24 hr) *

Applicable Maintenance Performed: 2 1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration* ** **Method Used:** ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * **Cal Temp** _____ (°C) **Cal DO** __ . __ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____

Time: ____ * **Cal Temp** _____ (°C) **Cal DO** __ . __ (mg/l)

Time that the monitor was redeployed in the Tailrace ____ (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
(24 hr)*	Temp __ . __ °C	Temp _____ °C**	Temp _____ °C
	DO __ . __ mg/l	DO _____ mg/l**	DO _____ mg/l

Comments

7 Air Temperature 12.78 °C (55F) **Wind Conditions** (Circle one): Calm Light Moderate Gusty Strong

Wind Direction: NW 3 mph

Other Sampling Notes: Meritta Flow=43,700 CFS @ 0930 hr. minor fouling on sensor cap END OF MONITORING SEASON (PERIOD); water leaking through bulkheads

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr

** Record values later from downloaded data at the corresponding time of portable meter measurements.

*** May be done in Lab or Field just prior to deployment, experience to dictate location.

ENCLOSURE 1

HOLTWOOD PROJECT
WATER QUALITY MONITOR CALIBRATION & CHECK FIELD SHEET

LOCATION: Tailrace Monitor **Investigator(s):** SWA

DATE 100121 (m m d d y y) **PURPOSE** 2

1 = Calibrate & Download monitor (complete Sec 1-7 below)
2 = Performance check (complete Sections 1, 2, 3 & 7)
3 = Retrieve for data download & maintenance (complete Sections 1, 2, 3, 4 & 7)

Weather Code 1
1=Clear 2=P. Cloudy 3=Overcast 4=Lt.Rain 5= H. Rain 6=Fog/Haze

1 PROJECT FLOW / RELEASE CONDITIONS:

Forebay Elevation 167.71 TR=115.55 @0822 hr

No. of Units Operating 9 (0 to 12) Flow from Legacy Powerhouse Evident: YES or NO (circle one)
Flow from New Powerhouse: YES or NO (circle one) Flow in Piney Channel Evident: YES or NO (circle one)

2 HANDHELD DO METER CALIBRATION: Calibrate the meter with the DO probe in air saturated (aerated) water.

FB = 167.4
TR = 115.44 from website @1027 hr

HACH MS5 SONDE

Time	0753 (prevailing, 24 hr) *	CAL Temp	22.5 °C	CAL DO	8.64 (mg/l)
Meter #	48939	Meter Temp	22.6 °C	Meter DO	8.67 (mg/l)
		Meter adj. to	OK °C	Meter adj to	OK (mg/l)

Comments BP = 762.83
Alt = 210 Adj BP = 768.33

3 PRE-RETRIEVAL "CAL END POINT" OR PERFORMANCE CHECK VALUES (at DO monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
1030 (24 hr)*	Temp 17.7 °C 5	Temp 17.74 °C **	Temp ____ °C
	DO 8.5 mg/l 1	DO 8.88 mg/l **	DO ____ mg/l

Comments BP = 765.44
Alt = 120' Adj BP = 768.88 @1030 hr END OF MONITORING SEASON (PERIOD)

4 MONITOR RETRIEVAL FOR DATA DOWNLOAD & MAINTENANCE:

Time retrieved (taken out of service) 1031 (prevailing, 24 hr) *
Data Download Location: onsite (Lab or Onsite) **Time of Download:** 1041 (24 hr) *
Applicable Maintenance Performed: 2
1 = None required; 2 = Sensor cleaned; 3 = DO cap replaced; 4 = Batteries replaced; 5 = Other (_____)

5 CONTINUOUS MONITOR CALIBRATION:

Barometric pressure = _____

Calibration Location: _____ (Lab or Onsite)

DO Calibration* Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * Cal Temp _____ (°C) Cal DO __ . __ (mg/l)

Method Used: ☐ 1 = LDO 100% SAT; 2 = 0% DO Check; 3 = Other _____
Time: ____ * Cal Temp _____ (°C) Cal DO __ . __ (mg/l)

Time that the monitor was redeployed in the Tailrace ____ (prevailing, 24 hr) *

6 MONITOR REDEPLOYMENT "CAL BEGIN POINT" MEASUREMENTS (at monitor location):

Time	Handheld DO Meter	Continuous Monitor	Additional Meter
____ (24 hr)*	Temp __ . __ °C	Temp ____ °C**	Temp ____ °C
	DO __ . __ mg/l	DO ____ mg/l**	DO ____ mg/l

Comments

7 Air Temperature 16.1 °C 61F

Wind Conditions (Circle one): Calm Light Moderate Gusty Strong
Wind Direction: N 4 mph

Other Sampling Notes: Marietta flow = 43,200 cfs @ 1030 hr; minor fouling on sensor cap
END OF MONITORING SEASON (PERIOD)

* Use 24 hour clock; e.g., 3 AM = 0300 hr 3 PM = 1500 hr
** Record values later from downloaded data at the corresponding time of portable meter measurements.
*** May be done in Lab or Field just prior to deployment, experience to dictate location.

Appendix C. Temperature and Dissolved Oxygen values from the Holtwood Forebay Data Logger, April 1 through September 30, 2021.

Appendix C.

Temperature and Dissolved Oxygen values from the Holtwood Forebay Data Logger, April 1 through September 30, 2021.

Plot Title: HOLT-FOREBAY		RAW DATA VALUES						ADJUSTED DO VALUES AFTER FIELD CALIBRATION CHECKS						
#	Date Time, GMT-04:00	DO conc, mg/L (LGR S/N: 20568280, SEN S/N: 20568280)	Temp, °C (LGR S/N: 20568280, SEN S/N: 20568280)	Min: Dissolved Oxygen, mg/L (LGR S/N: 20568280)	Max: Dissolved Oxygen, mg/L (LGR S/N: 20568280)	Avg: Dissolved Oxygen, mg/L (LGR S/N: 20568280)	Calculated Rolling 7-Day Raw Data DO Average	DO Adj Conc, mg/L (LGR S/N: 20568280)	DO Percent Sat, % (LGR S/N: 20568280)	Calculated DO Adj. Daily Average	Calculated Rolling 7-Day Adj. DO Average	Correction Diff = DO Adj Conc. - Raw DO Conc.	Correction difference Percentage	DO Adj Conc. Accuracy Rating
1	04/01/21 00:00:00	11.03	11.72	10.93	11.08	10.98896		10.71346765	99.29507615	10.693		-0.32	-2.87	Good
2	04/01/21 00:30:00	11.01	11.70					10.69485627	99.07725836			-0.32	-2.86	Good
3	04/01/21 01:00:00	11.00	11.70					10.68595644	98.99481021			-0.31	-2.85	Good
4	04/01/21 01:30:00	11.01	11.68					10.69648561	99.04702748			-0.31	-2.85	Good
5	04/01/21 02:00:00	10.99	11.66					10.67786831	98.82939393			-0.31	-2.84	Good
6	04/01/21 02:30:00	10.99	11.62					10.67868151	98.7464444			-0.31	-2.83	Good
7	04/01/21 03:00:00	10.97	11.60					10.66005977	98.52909586			-0.31	-2.83	Good
8	04/01/21 03:30:00	10.96	11.56					10.65115328	98.35655986			-0.31	-2.82	Good
9	04/01/21 04:00:00	10.95	11.54					10.6422453	98.22923777			-0.31	-2.81	Good
10	04/01/21 04:30:00	10.96	11.50					10.65277522	98.23622973			-0.31	-2.80	Good
11	04/01/21 05:00:00	10.94	11.46					10.63414534	97.97440738			-0.31	-2.80	Good
12	04/01/21 05:30:00	10.95	11.44					10.644676	98.0263788			-0.31	-2.79	Good
13	04/01/21 06:00:00	10.95	11.42					10.64548623	97.98879193			-0.30	-2.78	Excellent
14	04/01/21 06:30:00	10.95	11.42					10.64629647	97.9962499			-0.30	-2.77	Excellent
15	04/01/21 07:00:00	10.93	11.42					10.62765993	97.82470566			-0.30	-2.77	Excellent
16	04/01/21 07:30:00	10.94	11.40					10.63819281	97.87664522			-0.30	-2.76	Excellent
17	04/01/21 08:00:00	10.93	11.38					10.62927743	97.74964909			-0.30	-2.75	Excellent
18	04/01/21 08:30:00	10.95	11.36					10.6495374	97.89091378			-0.30	-2.74	Excellent
19	04/01/21 09:00:00	10.94	11.36					10.64062129	97.80895657			-0.30	-2.74	Excellent
20	04/01/21 09:30:00	10.95	11.36					10.65115786	97.90580915			-0.30	-2.73	Excellent
21	04/01/21 10:00:00	10.95	11.36					10.6519681	97.91325684			-0.30	-2.72	Excellent
22	04/01/21 10:30:00	10.95	11.34					10.65277833	97.87564424			-0.30	-2.71	Excellent
23	04/01/21 11:00:00	10.96	11.34					10.66331787	97.97247945			-0.30	-2.71	Excellent
24	04/01/21 11:30:00	10.96	11.36					10.66412884	98.02503881			-0.30	-2.70	Excellent
25	04/01/21 12:00:00	10.96	11.38					10.66493981	98.07760974			-0.30	-2.69	Excellent
26	04/01/21 12:30:00	10.97	11.38					10.67548231	98.17456134			-0.29	-2.68	Excellent
27	04/01/21 13:00:00	10.96	11.38					10.66656176	98.09252558			-0.29	-2.68	Excellent
28	04/01/21 13:30:00	10.97	11.38					10.67710573	98.18949079			-0.29	-2.67	Excellent
29	04/01/21 14:00:00	10.96	11.40					10.6681837	98.15257631			-0.29	-2.66	Excellent
30	04/01/21 14:30:00	10.97	11.42					10.67872916	98.29478397			-0.29	-2.66	Excellent
31	04/01/21 15:00:00	10.98	11.42					10.6892761	98.39186564			-0.29	-2.65	Excellent
32	04/01/21 15:30:00	10.99	11.42					10.69982451	98.48896094			-0.29	-2.64	Excellent
33	04/01/21 16:00:00	11.01	11.38					10.72011111	98.58497964			-0.29	-2.63	Excellent
34	04/01/21 16:30:00	11.01	11.36					10.72092579	98.54711829			-0.29	-2.63	Excellent
35	04/01/21 17:00:00	11.00	11.34					10.71200227	98.41978227			-0.29	-2.62	Excellent
36	04/01/21 17:30:00	10.97	11.32					10.68359943	98.11363662			-0.29	-2.61	Excellent
37	04/01/21 18:00:00	11.00	11.32					10.71363014	98.38942585			-0.29	-2.60	Excellent
38	04/01/21 18:30:00	11.02	11.30					10.73392488	98.53041011			-0.29	-2.60	Excellent
39	04/01/21 19:00:00	11.05	11.26					10.76396372	98.7151193			-0.29	-2.59	Excellent
40	04/01/21 19:30:00	11.05	11.22					10.76478135	98.63160222			-0.29	-2.58	Excellent
41	04/01/21 20:00:00	11.03	11.22					10.74611374	98.46056142			-0.28	-2.57	Excellent
42	04/01/21 20:30:00	11.05	11.20					10.76641662	98.60107775			-0.28	-2.57	Excellent
43	04/01/21 21:00:00	11.06	11.22					10.77697835	98.74335643			-0.28	-2.56	Excellent
44	04/01/21 21:30:00	11.08	11.24					10.79728641	98.97507044			-0.28	-2.55	Excellent
45	04/01/21 22:00:00	11.06	11.20					10.7786151	98.71279396			-0.28	-2.54	Excellent
46	04/01/21 22:30:00	11.06	11.16					10.77943347	98.62917823			-0.28	-2.54	Excellent
47	04/01/21 23:00:00	11.07	11.12					10.78999891	98.63466881			-0.28	-2.53	Excellent
48	04/01/21 23:30:00	11.07	11.10				N/A	10.79081802	98.59657006		N/A	-0.28	-2.52	Excellent
49	04/02/21 00:00:00	11.06	11.06	11.03	11.61	11.26917		10.78188859	98.42389806	11.006		-0.28	-2.51	Excellent
50	04/02/21 00:30:00	11.06	11.00					10.78270696	98.29477			-0.28	-2.51	Excellent
51	04/02/21 01:00:00	11.06	10.94					10.78352533	98.16566487			-0.28	-2.50	Excellent
52	04/02/21 01:30:00	11.04	10.90					10.76484218	97.90472494			-0.28	-2.49	Excellent
53	04/02/21 02:00:00	11.05	10.84					10.77541057	97.86445336			-0.27	-2.48	Excellent
54	04/02/21 02:30:00	11.04	10.78					10.76647596	97.64707478			-0.27	-2.48	Excellent
55	04/02/21 03:00:00	11.04	10.72					10.76729285	97.51828466			-0.27	-2.47	Excellent
56	04/02/21 03:30:00	11.05	10.66					10.77786347	97.47773315			-0.27	-2.46	Excellent
57	04/02/21 04:00:00	11.04	10.58					10.76892664	97.21540775			-0.27	-2.46	Excellent
58	04/02/21 04:30:00	11.03	10.50					10.75998833	96.95344916			-0.27	-2.45	Excellent
59	04/02/21 05:00:00	11.05	10.42					10.78031636	96.95508401			-0.27	-2.44	Excellent
60	04/02/21 05:30:00	11.05	10.38					10.781134	96.87169451			-0.27	-2.43	Excellent
61	04/02/21 06:00:00	11.05	10.32					10.78195163	96.74295369			-0.27	-2.43	Excellent
62	04/02/21 06:30:00	11.06	10.24					10.79252742	96.65628897			-0.27	-2.42	Excellent
63	04/02/21 07:00:00	11.09	10.16					10.8226225	96.74383249			-0.27	-2.41	Excellent
64	04/02/21 07:30:00	11.09	10.10					10.82344309	96.61472281			-0.27	-2.40	Excellent
65	04/02/21 08:00:00	11.11	10.08					10.84378445	96.75074154			-0.27	-2.40	Excellent
66	04/02/21 08:30:00	11.11	10.04					10.84460652	96.66697063			-0.27	-2.39	Excellent
67	04/02/21 09:00:00	11.15	10.00					10.88447604	96.93094059			-0.27	-2.38	Excellent
68	04/02/21 09:30:00	11.16	9.94					10.89506367	96.88800289			-0.26	-2.37	Excellent
69	04/02/21 10:00:00	11.18	9.88					10.91541613	96.93155878			-0.26	-2.37	Excellent
70	04/02/21 10:30:00	11.20	9.84					10.93577154	97.02055139			-0.26	-2.36	Excellent
71	04/02/21 11:00:00	11.23	9.80					10.96589474	97.19579952			-0.26	-2.35	Excellent
72	04/02/21 11:30:00	11.25	9.78					10.98625682	97.33020019			-0.26	-2.34	Excellent
73	04/02/21 12:00:00	11.29	9.76					11.02615445	97.63742417			-0.26	-2.34	Excellent
74	04/02/21 12:30:00	11.31	9.74					11.04652393	97.77147731			-0.26	-2.33	Excellent
75	04/02/21 13:00:00	11.33	9.74					11.06689636	97.95179131			-0.26	-2.32	Excellent
76	04/02/21 13:30:00	11.33	9.78					11.06773471	98.05203475			-0.26	-2.31	Excellent
77	04/02/21 14:00:00	11.35	9.82					11.08811158	98.32557421			-0.26	-2.31	Excellent
78	04/02/21 14:30:00	11.36	9.86					11.09872141	98.51278389			-0.26	-2.30	Excellent
79	04/02/21 15:00:00	11.37	9.90					11.10933273	98.70020579			-0.26	-2.29	Excellent
80	04/02/21 15:30:00	11.37	9.92					11.11017404	98.75430947			-0.26	-2.29	Excellent
81	04/02/21 16:00:00	11.38	9.92					11.12078757	98.8486493			-0.26	-2.28	Excellent
82	04/02/21 16:30:00	11.39	9.92					11.13140258	98.94300229			-0.26	-2.27	Excellent
83	04/02/21 17:00:00	11.41	9.90					11.15179277	99.07743953			-0.26	-2.26	Excellent
84	04/02/21 17:30:00	11.44	9.88					11.18196036	99.29853661			-0.26	-2.26	Excellent
85	04/02/21 18:00:00	11.44	9.84					11.18280685	99.21221219			-0.26	-2.25	Excellent
86	04/02/21 18:30:00	11.48	9.82					11.22275703	99.51956386			-0.26	-2.24	Excellent
87	04/02/21 19:00:00	11.49	9.78					11.23338314	99.51955865			-0.26	-2.23	Excellent
88	04/02/21 19:30:00	11.50	9.78					11.24401073	99.61371132			-0.26	-2.23	Excellent
89	04/02/21 20:00:00	11.51	9.76					11.2546398	99.66067901			-0.26	-2.22	Excellent
90	04/02/21 20:30:00	11.51	9.76					11.25549146	99.66822061			-0.25	-2.21	Excellent
91	04/02/21 21:00:00	11.52	9.72					11.26612275	99.66788505			-0.25	-2.20	Excellent
92	04/02/21 21:30:00	11.55	9.70					11.29631625	99.88764072			-0.25	-2.20	Excellent
93	04/02/21 22:00:00	11.57	9.66					11.31673307	99.973308			-0.25	-2.19	Excellent
94	04/02/21 22:30:00	11.57	9.64					11.31758918	99.93344124			-0.25	-2.18	Excellent
95	04/02/21 23:00:00	11.59	9.58					11.33801045	99.97124613			-0.25	-2.17	Excellent
96	04/02/21 23:30:00	11.61	9.52				N/A	11.35843468	100.0086127		N/A	-0.25	-2.17	Excellent
97	04/03/21 00:00:00	11.62	9.48	11.62	12.34	11.94458		11.36907781	100.007114	11.708		-0.25	-2.16	Excellent
98	04/03/21 00:30:00	11.64	9.42					11.38950722	100.0437903			-0.25	-2.15	Excellent
99	04/03/21 01:00:00	11.65	9.36					11.40015405	99.99419703			-0.25	-2.14	Excellent
100	04/03/21 01:30:00	11.67	9.30					11.42058864	100.0301148			-0.25	-2.14	Excellent
101	04/03/21 02:00:00	11.69	9.26					11.44102618	100.1134322			-0.25	-2.13	Excellent
102	04/03/21 02:30:00	11.70	9.20					11.45167893	100.0630211			-0.25	-2.12	Excellent
103	04/03/21 03:00:00	11.72	9.16					11.47212166	100.1457523			-0.25	-2.12	Excellent
104	04/03/21 03:30:00	11.72	9.12					11.47298887	100.0574436			-0.25	-2.11	Excellent
105	04/03/21 04:00:00	11.73	9.06					11.48364606	100.0064765			-0.25	-2.10	Excellent
106	04/03/21 04:30:00	11.73	9.02					11.484514	99.91811609			-0.25	-2.09	Excellent
107	04/03/21 05:00:00	11.74	8.94					11.49517341	99.81890743			-0.24	-2.09	Excellent

108	04/03/21 05:30:00	11.75	8.86					11.5058343	99.71944651			-0.24	-2.08	Excellent
109	04/03/21 06:00:00	11.75	8.78					11.50670373	99.53502318			-0.24	-2.07	Excellent
110	04/03/21 06:30:00	11.76	8.70					11.51736683	99.43521619			-0.24	-2.06	Excellent
111	04/03/21 07:00:00	11.77	8.66					11.52803142	99.43121214			-0.24	-2.06	Excellent
112	04/03/21 07:30:00	11.76	8.64					11.51910717	99.30624641			-0.24	-2.05	Excellent
113	04/03/21 08:00:00	11.77	8.60					11.52977324	99.30214192			-0.24	-2.04	Excellent
114	04/03/21 08:30:00	11.78	8.58					11.54044078	99.34595389			-0.24	-2.03	Excellent
115	04/03/21 09:00:00	11.80	8.56					11.56090719	99.47399553			-0.24	-2.03	Excellent
116	04/03/21 09:30:00	11.82	8.54					11.58137655	99.60189799			-0.24	-2.02	Excellent
117	04/03/21 10:00:00	11.84	8.54					11.60184888	99.77796363			-0.24	-2.01	Excellent
118	04/03/21 10:30:00	11.86	8.54					11.62232416	99.95405472			-0.24	-2.00	Excellent
119	04/03/21 11:00:00	11.88	8.52					11.64280241	100.0816984			-0.24	-2.00	Excellent
120	04/03/21 11:30:00	11.91	8.50					11.67308469	100.2934123			-0.24	-1.99	Excellent
121	04/03/21 12:00:00	11.93	8.52					11.6935696	100.5180939			-0.24	-1.98	Excellent
122	04/03/21 12:30:00	11.94	8.54					11.7042549	100.6586736			-0.24	-1.97	Excellent
123	04/03/21 13:00:00	11.96	8.56					11.72474498	100.8837119			-0.24	-1.97	Excellent
124	04/03/21 13:30:00	11.98	8.58					11.74523803	101.1089522			-0.23	-1.96	Excellent
125	04/03/21 14:00:00	12.00	8.60					11.76573403	101.3343946			-0.23	-1.95	Excellent
126	04/03/21 14:30:00	12.03	8.60					11.79603851	101.5953971			-0.23	-1.94	Excellent
127	04/03/21 15:00:00	12.07	8.62					11.83615369	101.9901976			-0.23	-1.94	Excellent
128	04/03/21 15:30:00	12.08	8.64					11.8468538	102.1317507			-0.23	-1.93	Excellent
129	04/03/21 16:00:00	12.08	8.66					11.84774764	102.1888184			-0.23	-1.92	Excellent
130	04/03/21 16:30:00	12.11	8.70					11.87806692	102.5493213			-0.23	-1.92	Excellent
131	04/03/21 17:00:00	12.11	8.72					11.87896299	102.6065672			-0.23	-1.91	Excellent
132	04/03/21 17:30:00	12.13	8.74					11.89947897	102.8333785			-0.23	-1.90	Excellent
133	04/03/21 18:00:00	12.12	8.76					11.89056582	102.8059224			-0.23	-1.89	Excellent
134	04/03/21 18:30:00	12.16	8.74					11.93070837	103.103258			-0.23	-1.89	Excellent
135	04/03/21 19:00:00	12.18	8.74					11.95123249	103.2806242			-0.23	-1.88	Excellent
136	04/03/21 19:30:00	12.20	8.72					11.97175957	103.4081135			-0.23	-1.87	Excellent
137	04/03/21 20:00:00	12.21	8.72					11.98247596	103.5006781			-0.23	-1.86	Excellent
138	04/03/21 20:30:00	12.22	8.70					11.99319382	103.5432697			-0.23	-1.86	Excellent
139	04/03/21 21:00:00	12.24	8.70					12.0137283	103.7205542			-0.23	-1.85	Excellent
140	04/03/21 21:30:00	12.26	8.66					12.03426574	103.7975684			-0.23	-1.84	Excellent
141	04/03/21 22:00:00	12.29	8.66					12.06462276	104.0594028			-0.23	-1.83	Excellent
142	04/03/21 22:30:00	12.31	8.66					12.08516685	104.2365991			-0.22	-1.83	Excellent
143	04/03/21 23:00:00	12.33	8.64					12.10571391	104.3633844			-0.22	-1.82	Excellent
144	04/03/21 23:30:00	12.34	8.64				N/A	12.1164451	104.4558979		N/A	-0.22	-1.81	Excellent
145	04/04/21 00:00:00	12.34	8.62	12.20	12.42	12.29146		12.11735818	104.4132906	12.091		-0.22	-1.80	Excellent
146	04/04/21 00:30:00	12.34	8.62					12.11827126	104.4211585			-0.22	-1.80	Excellent
147	04/04/21 01:00:00	12.34	8.60					12.11918435	104.3785458			-0.22	-1.79	Excellent
148	04/04/21 01:30:00	12.34	8.60					12.12009743	104.3864099			-0.22	-1.78	Excellent
149	04/04/21 02:00:00	12.34	8.58					12.12101052	104.3437919			-0.22	-1.77	Excellent
150	04/04/21 02:30:00	12.33	8.56					12.11210032	104.2166496			-0.22	-1.77	Excellent
151	04/04/21 03:00:00	12.33	8.56					12.11301267	104.2244997			-0.22	-1.76	Excellent
152	04/04/21 03:30:00	12.31	8.56					12.0942755	104.0632787			-0.22	-1.75	Excellent
153	04/04/21 04:00:00	12.30	8.54					12.08536087	103.9362527			-0.21	-1.75	Excellent
154	04/04/21 04:30:00	12.28	8.52					12.06661852	103.7248278			-0.21	-1.74	Excellent
155	04/04/21 05:00:00	12.27	8.50					12.05770019	103.5979716			-0.21	-1.73	Excellent
156	04/04/21 05:30:00	12.25	8.46					12.03895266	103.3366816			-0.21	-1.72	Excellent
157	04/04/21 06:00:00	12.22	8.42					12.01037371	102.9914216			-0.21	-1.72	Excellent
158	04/04/21 06:30:00	12.23	8.38					12.02110711	102.9834458			-0.21	-1.71	Excellent
159	04/04/21 07:00:00	12.21	8.34					12.00235219	102.722938			-0.21	-1.70	Excellent
160	04/04/21 07:30:00	12.22	8.32					12.01308633	102.7648531			-0.21	-1.69	Excellent
161	04/04/21 08:00:00	12.23	8.32					12.02382195	102.85669			-0.21	-1.69	Excellent
162	04/04/21 08:30:00	12.22	8.30					12.01489474	102.7303678			-0.21	-1.68	Excellent
163	04/04/21 09:00:00	12.23	8.30					12.02563184	102.8221727			-0.20	-1.67	Excellent
164	04/04/21 09:30:00	12.22	8.30					12.01670315	102.7458302			-0.20	-1.66	Excellent
165	04/04/21 10:00:00	12.21	8.34					12.00777298	102.7693322			-0.20	-1.66	Excellent
166	04/04/21 10:30:00	12.20	8.36					11.99884133	102.7427907			-0.20	-1.65	Excellent
167	04/04/21 11:00:00	12.20	8.36					11.99974405	102.7505205			-0.20	-1.64	Excellent
168	04/04/21 11:30:00	12.21	8.38					12.01048337	102.8924334			-0.20	-1.63	Excellent
169	04/04/21 12:00:00	12.21	8.42					12.01138684	103.0001093			-0.20	-1.63	Excellent
170	04/04/21 12:30:00	12.25	8.48					12.0516426	103.4957629			-0.20	-1.62	Excellent
171	04/04/21 13:00:00	12.28	8.54					12.08206548	103.9079118			-0.20	-1.61	Excellent
172	04/04/21 13:30:00	12.28	8.60					12.08297412	104.0666791			-0.20	-1.60	Excellent
173	04/04/21 14:00:00	12.29	8.66					12.09372306	104.3103978			-0.20	-1.60	Excellent
174	04/04/21 14:30:00	12.29	8.74					12.09463245	104.5198634			-0.20	-1.59	Excellent
175	04/04/21 15:00:00	12.29	8.78					12.09554183	104.628577			-0.19	-1.58	Excellent
176	04/04/21 15:30:00	12.29	8.84					12.09645121	104.787782			-0.19	-1.57	Excellent
177	04/04/21 16:00:00	12.29	8.88					12.0973606	104.8965897			-0.19	-1.57	Excellent
178	04/04/21 16:30:00	12.30	8.92					12.10811398	105.0908763			-0.19	-1.56	Excellent
179	04/04/21 17:00:00	12.29	8.98					12.09917937	105.1648281			-0.19	-1.55	Excellent
180	04/04/21 17:30:00	12.30	9.04					12.10993423	105.4099952			-0.19	-1.55	Excellent
181	04/04/21 18:00:00	12.30	9.10					12.11084435	105.5696693			-0.19	-1.54	Excellent
182	04/04/21 18:30:00	12.32	9.16					12.13144839	105.9013373			-0.19	-1.53	Excellent
183	04/04/21 19:00:00	12.32	9.22					12.13235999	106.0614236			-0.19	-1.52	Excellent
184	04/04/21 19:30:00	12.33	9.26					12.14312003	106.2570267			-0.19	-1.52	Excellent
185	04/04/21 20:00:00	12.34	9.32					12.15388155	106.5036812			-0.19	-1.51	Excellent
186	04/04/21 20:30:00	12.35	9.38					12.16464455	106.7506719			-0.19	-1.50	Excellent
187	04/04/21 21:00:00	12.35	9.42					12.16555837	106.8605117			-0.18	-1.49	Excellent
188	04/04/21 21:30:00	12.38	9.46					12.19602638	107.2302375			-0.18	-1.49	Excellent
189	04/04/21 22:00:00	12.36	9.48					12.17723815	107.1160269			-0.18	-1.48	Excellent
190	04/04/21 22:30:00	12.39	9.52					12.20771134	107.4863139			-0.18	-1.47	Excellent
191	04/04/21 23:00:00	12.40	9.54					12.21848174	107.632315			-0.18	-1.46	Excellent
192	04/04/21 23:30:00	12.42	9.56				N/A	12.23910797	107.8652733		N/A	-0.18	-1.46	Excellent
193	04/05/21 00:00:00	12.42	9.56	12.00	12.42	12.17604		12.24002698	107.8733726	12.021		-0.18	-1.45	Excellent
194	04/05/21 00:30:00	12.41	9.56					12.23109015	107.7946109			-0.18	-1.44	Excellent
195	04/05/21 01:00:00	12.42	9.56					12.24186498	107.8895713			-0.18	-1.43	Excellent
196	04/05/21 01:30:00	12.41	9.56					12.23292667	107.8107965			-0.18	-1.43	Excellent
197	04/05/21 02:00:00	12.41	9.56					12.23384494	107.8188893			-0.18	-1.42	Excellent
198	04/05/21 02:30:00	12.40	9.56					12.22490441	107.740095			-0.18	-1.41	Excellent
199	04/05/21 03:00:00	12.38	9.56					12.20610286	107.5743939			-0.17	-1.40	Excellent
200	04/05/21 03:30:00	12.38	9.56					12.20701891	107.5824671			-0.17	-1.40	Excellent
201	04/05/21 04:00:00	12.39	9.56					12.21779596	107.6774471			-0.17	-1.39	Excellent
202	04/05/21 04:30:00	12.37	9.56					12.19898924	107.5117003			-0.17	-1.38	Excellent
203	04/05/21 05:00:00	12.36	9.56					12.19004205	107.4328473			-0.17	-1.38	Excellent
204	04/05/21 05:30:00	12.33	9.56					12.16136692	107.1801286			-0.17	-1.37	Excellent
205	04/05/21 06:00:00	12.32	9.56					12.15241529	107.1012364			-0.17	-1.36	Excellent
206	04/05/21 06:30:00	12.29	9.54					12.12373275	106.7976734			-0.17	-1.35	Excellent
207	04/05/21 07:00:00	12.25	9.50					12.08518032	106.3568482			-0.16	-1.35	Excellent
208	04/05/21 07:30:00	12.22	9.48					12.05648817	106.05386			-0.16	-1.34	Excellent
209	04/05/21 08:00:00	12.23	9.48					12.06725931	106.1486074			-0.16	-1.33	Excellent
210	04/05/21 08:30:00	12.20	9.50					12.03856123	105.9465722			-0.16	-1.32	Excellent
211	04/05/21 09:00:00	12.17	9.50					12.00985872	105.6939729			-0.16	-1.32	Excellent
212	04/05/21 09:30:00	12.14	9.50					11.98115176	105.4413344			-0.16	-1.31	Excellent
213	04/05/21 10:00:00	12.10	9.52					11.94257048	105.1518047			-0.16	-1.30	Excellent
214	04/05/21 10:30:00	12.09	9.52					11.93359517	105.072779			-0.16	-1.29	Excellent
215	04/05/21 11:00:00	12.07	9.56					11.91474701	105.0066268			-0.16	-1.29	Excellent
216	04/05/21 11:30:00	12.05	9.58					11.89589589	104.8903192			-0.15	-1.28	Excellent
217	04/05/21 12:00:00	12.04	9.62					11.88691466	104.9107314			-0.15	-1.27	Excellent
218	04/05/21 12:30:00	12.03	9.66					11.87793196	104.9310028			-0.15	-1.26	Excellent
219	04/05/21 13:00:00	12.03	9.70					11.8788221	105.0384469			-0.15	-1.26	Excellent
220	04/05/21 13:30:00	12.00	9.76					11.85008703	104.9334089			-0.15	-1.25	Excellent
221	04/05/21 14:00:00	12.02	9.80					11.87072658	105.2157428			-0.15	-1.24	Excellent
222	04/05/21 14:30:00	12.02	9.88					11.87161599	105.4228468			-0.15	-1.23	Excellent
223	04/05/21 15:00:00	12.02	9.96					11.87250539	105.6300706			-0.15	-1.23	Excellent

224	04/05/21 15:30:00	12.01	10.02					11.86351677	105.6995382			-0.15	-1.22	Excellent
225	04/05/21 16:00:00	12.02	10.08					11.87428421	105.9450976			-0.15	-1.21	Excellent
226	04/05/21 16:30:00	12.05	10.16					11.90481215	106.4175667			-0.15	-1.20	Excellent
227	04/05/21 17:00:00	12.05	10.22					11.90570378	106.5756755			-0.14	-1.20	Excellent
228	04/05/21 17:30:00	12.06	10.30					11.91647639	106.8725516			-0.14	-1.19	Excellent
229	04/05/21 18:00:00	12.07	10.36					11.92725049	107.1197054			-0.14	-1.18	Excellent
230	04/05/21 18:30:00	12.09	10.46					11.94790854	107.55666			-0.14	-1.18	Excellent
231	04/05/21 19:00:00	12.11	10.54					11.96856955	107.9442385			-0.14	-1.17	Excellent
232	04/05/21 19:30:00	12.10	10.60					11.95958166	108.0143101			-0.14	-1.16	Excellent
233	04/05/21 20:00:00	12.10	10.68					11.96047699	108.2239989			-0.14	-1.15	Excellent
234	04/05/21 20:30:00	12.11	10.74					11.97125775	108.4729438			-0.14	-1.15	Excellent
235	04/05/21 21:00:00	12.12	10.78					11.98203998	108.6716915			-0.14	-1.14	Excellent
236	04/05/21 21:30:00	12.13	10.82					11.9928237	108.8706563			-0.14	-1.13	Excellent
237	04/05/21 22:00:00	12.13	10.84					11.99372125	108.9293968			-0.14	-1.12	Excellent
238	04/05/21 22:30:00	12.10	10.86					11.96495362	108.7186			-0.14	-1.12	Excellent
239	04/05/21 23:00:00	12.12	10.88					11.98562721	108.9570183			-0.13	-1.11	Excellent
240	04/05/21 23:30:00	12.11	10.88				N/A	11.97663414	108.8752656		N/A	-0.13	-1.10	Excellent
241	04/06/21 00:00:00	12.08	10.90	11.45	12.08	11.10833		11.94785837	108.6640908	11.506		-0.13	-1.09	Excellent
242	04/06/21 00:30:00	12.08	10.92					11.94875222	108.7226447			-0.13	-1.09	Excellent
243	04/06/21 01:00:00	12.07	10.92					11.93975397	108.640769			-0.13	-1.08	Excellent
244	04/06/21 01:30:00	12.05	10.92					11.92086142	108.4688641			-0.13	-1.07	Excellent
245	04/06/21 02:00:00	12.05	10.94					11.92175304	108.5272931			-0.13	-1.06	Excellent
246	04/06/21 02:30:00	12.03	10.94					11.90285605	108.3552681			-0.13	-1.06	Excellent
247	04/06/21 03:00:00	12.03	10.92					11.90374619	108.3131313			-0.13	-1.05	Excellent
248	04/06/21 03:30:00	12.02	10.92					11.89474055	108.2311883			-0.13	-1.04	Excellent
249	04/06/21 04:00:00	12.00	10.92					11.87583689	108.0591824			-0.12	-1.03	Excellent
250	04/06/21 04:30:00	11.99	10.90					11.86682755	107.9271269			-0.12	-1.03	Excellent
251	04/06/21 05:00:00	11.98	10.88					11.85781673	107.7951392			-0.12	-1.02	Excellent
252	04/06/21 05:30:00	11.94	10.88					11.81910817	107.4432537			-0.12	-1.01	Excellent
253	04/06/21 06:00:00	11.94	10.86					11.81999166	107.4014147			-0.12	-1.01	Excellent
254	04/06/21 06:30:00	11.91	10.86					11.79117445	107.1395695			-0.12	-1.00	Excellent
255	04/06/21 07:00:00	11.90	10.84					11.78215475	107.0079071			-0.12	-0.99	Excellent
256	04/06/21 07:30:00	11.88	10.84					11.76323185	106.8360456			-0.12	-0.98	Excellent
257	04/06/21 08:00:00	11.85	10.82					11.73440355	106.5247224			-0.12	-0.98	Excellent
258	04/06/21 08:30:00	11.84	10.82					11.72537719	106.4427812			-0.11	-0.97	Excellent
259	04/06/21 09:00:00	11.45	10.82					11.34	102.9443334			-0.11	-0.96	Excellent
260	04/06/21 09:30:00	11.77	10.88					11.35	103.0821565			-0.42	-3.57	Good
261	04/06/21 10:00:00	11.78	10.84					11.35982629	103.0756405			-0.42	-3.57	Good
262	04/06/21 10:30:00	11.74	10.84					11.32143553	102.7272943			-0.42	-3.57	Good
263	04/06/21 11:00:00	11.74	10.88					11.32161803	102.8243878			-0.42	-3.56	Good
264	04/06/21 11:30:00	11.74	10.92					11.32180054	102.9215049			-0.42	-3.56	Good
265	04/06/21 12:00:00	11.74	10.94					11.32198304	102.9709022			-0.42	-3.56	Good
266	04/06/21 12:30:00	11.71	10.98					11.29323327	102.8046786			-0.42	-3.56	Good
267	04/06/21 13:00:00	11.73	10.98					11.3127038	102.981923			-0.42	-3.56	Good
268	04/06/21 13:30:00	11.72	11.04					11.30324175	103.0388264			-0.42	-3.56	Good
269	04/06/21 14:00:00	11.71	11.10					11.29377938	103.0955331			-0.42	-3.55	Good
270	04/06/21 14:30:00	11.71	11.12					11.29396142	103.1448605			-0.42	-3.55	Good
271	04/06/21 15:00:00	11.68	11.16					11.26520884	102.9773743			-0.41	-3.55	Good
272	04/06/21 15:30:00	11.69	11.20					11.27503544	103.1624078			-0.41	-3.55	Good
273	04/06/21 16:00:00	11.68	11.24					11.26557199	103.1709676			-0.41	-3.55	Good
274	04/06/21 16:30:00	11.68	11.28					11.26575356	103.267799			-0.41	-3.55	Good
275	04/06/21 17:00:00	11.67	11.30					11.25628964	103.2285995			-0.41	-3.55	Good
276	04/06/21 17:30:00	11.67	11.32					11.25647106	103.2778208			-0.41	-3.54	Good
277	04/06/21 18:00:00	11.66	11.34					11.24700667	103.2385078			-0.41	-3.54	Good
278	04/06/21 18:30:00	11.67	11.36					11.25683389	103.3762828			-0.41	-3.54	Good
279	04/06/21 19:00:00	11.67	11.38					11.2570153	103.4255236			-0.41	-3.54	Good
280	04/06/21 19:30:00	11.68	11.42					11.26684299	103.6110645			-0.41	-3.54	Good
281	04/06/21 20:00:00	11.68	11.44					11.26702456	103.6603662			-0.41	-3.54	Good
282	04/06/21 20:30:00	11.71	11.48					11.29614588	104.0238171			-0.41	-3.53	Good
283	04/06/21 21:00:00	11.72	11.52					11.30597465	104.2099563			-0.41	-3.53	Good
284	04/06/21 21:30:00	11.71	11.58					11.29650995	104.2660772			-0.41	-3.53	Good
285	04/06/21 22:00:00	11.73	11.62					11.31598608	104.5416031			-0.41	-3.53	Good
286	04/06/21 22:30:00	11.73	11.68					11.31616843	104.6869708			-0.41	-3.53	Good
287	04/06/21 23:00:00	11.73	11.74					11.31635078	104.8323875			-0.41	-3.53	Good
288	04/06/21 23:30:00	11.73	11.80				N/A	11.31653313	104.9778532		N/A	-0.41	-3.52	Good
289	04/07/21 00:00:00	11.72	11.86	11.37	11.80	11.57479		11.30706781	105.0337484	11.171		-0.41	-3.52	Good
290	04/07/21 00:30:00	11.75	11.90					11.33619348	105.4003744			-0.41	-3.52	Good
291	04/07/21 01:00:00	11.76	11.96					11.34602412	105.6360456			-0.41	-3.52	Good
292	04/07/21 01:30:00	11.77	12.00					11.35585507	105.8238629			-0.41	-3.52	Good
293	04/07/21 02:00:00	11.78	12.04					11.36568633	106.0118693			-0.41	-3.52	Good
294	04/07/21 02:30:00	11.78	12.06					11.36586946	106.0617805			-0.41	-3.52	Good
295	04/07/21 03:00:00	11.78	12.08					11.36605258	106.1116982			-0.41	-3.51	Good
296	04/07/21 03:30:00	11.80	12.10					11.38553322	106.3418627			-0.41	-3.51	Good
297	04/07/21 04:00:00	11.78	12.10					11.36641883	106.1633327			-0.41	-3.51	Good
298	04/07/21 04:30:00	11.79	12.12					11.37625103	106.303428			-0.41	-3.51	Good
299	04/07/21 05:00:00	11.80	12.12					11.38608353	106.3953061			-0.41	-3.51	Good
300	04/07/21 05:30:00	11.79	12.12					11.37661759	106.3068533			-0.41	-3.51	Good
301	04/07/21 06:00:00	11.79	12.14					11.37680087	106.3568349			-0.41	-3.50	Good
302	04/07/21 06:30:00	11.77	12.14					11.35768478	106.1781267			-0.41	-3.50	Good
303	04/07/21 07:00:00	11.75	12.12					11.33856806	105.9513059			-0.41	-3.50	Good
304	04/07/21 07:30:00	11.73	12.12					11.31945072	105.7726672			-0.41	-3.50	Good
305	04/07/21 08:00:00	11.71	12.10					11.30033275	105.5460829			-0.41	-3.50	Good
306	04/07/21 08:30:00	11.70	12.12					11.29086448	105.505548			-0.41	-3.50	Good
307	04/07/21 09:00:00	11.65	12.12					11.24279403	105.0563619			-0.41	-3.50	Good
308	04/07/21 09:30:00	11.63	12.12					11.22367389	104.877697			-0.41	-3.49	Good
309	04/07/21 10:00:00	11.59	12.10					11.18525157	104.4712148			-0.40	-3.49	Good
310	04/07/21 10:30:00	11.58	12.12					11.17578081	104.4301684			-0.40	-3.49	Good
311	04/07/21 11:00:00	11.56	12.16					11.15665865	104.3461594			-0.40	-3.49	Good
312	04/07/21 11:30:00	11.52	12.18					11.11823338	104.0339564			-0.40	-3.49	Good
313	04/07/21 12:00:00	11.50	12.20					11.09910966	103.9021198			-0.40	-3.49	Good
314	04/07/21 12:30:00	11.48	12.26					11.07998533	103.8641911			-0.40	-3.48	Good
315	04/07/21 13:00:00	11.46	12.26					11.06086037	103.684913			-0.40	-3.48	Good
316	04/07/21 13:30:00	11.44	12.28					11.04173479	103.5525095			-0.40	-3.48	Good
317	04/07/21 14:00:00	11.45	12.34					11.05156465	103.7854912			-0.40	-3.48	Good
318	04/07/21 14:30:00	11.44	12.40					11.04209047	103.8372349			-0.40	-3.48	Good
319	04/07/21 15:00:00	11.43	12.48					11.03261598	103.9356646			-0.40	-3.48	Good
320	04/07/21 15:30:00	11.41	12.54					11.01348869	103.8959201			-0.40	-3.48	Good
321	04/07/21 16:00:00	11.37	12.58					10.97505549	103.626689			-0.39	-3.47	Good
322	04/07/21 16:30:00	11.37	12.58					10.97523224	103.6283579			-0.39	-3.47	Good
323	04/07/21 17:00:00	11.38	12.60					10.98506195	103.7678842			-0.39	-3.47	Good
324	04/07/21 17:30:00	11.39	12.60					10.99489197	103.8607412			-0.40	-3.47	Good
325	04/07/21 18:00:00	11.39	12.58					10.99506903	103.8156572			-0.39	-3.47	Good
326	04/07/21 18:30:00	11.40	12.60					11.00489951	103.9552752			-0.40	-3.47	Good
327	04/07/21 19:00:00	11.41	12.62					11.01473031	104.0949844			-0.40	-3.46	Good
328	04/07/21 19:30:00	11.40	12.64					11.00525395	104.052237			-0.39	-3.46	Good
329	04/07/21 20:00:00	11.41	12.68					11.01508506	104.2389036			-0.39	-3.46	Good
330	04/07/21 20:30:00	11.42	12.72					11.02491647	104.425759			-0.40	-3.46	Good
331	04/07/21 21:00:00	11.44	12.76					11.0444024	104.7043278			-0.40	-3.46	Good
332	04/07/21 21:30:00	11.46	12.80					11.06388895	104.9832526			-0.40	-3.46	Good
333	04/07/21 22:00:00	11.47	12.82					11.07372161	105.1236949			-0.40	-3.45	Good
334	04/07/21 22:30:00	11.47	12.86					11.07389992	105.2196869			-0.40	-3.45	Good
335	04/07/21 23:00:00	11.44	12.86					11.04511376	104.9461726			-0.39	-3.45	Good
336	04/07/21 23:30:00	11.48	12.90				11.722	11.08391151	105.4092159		11.456	-0.40	-3.45	Good
337	04/08/21 00:00:00	11.46	12.94	11.26	11.53	11.41729		11.06477971	105.3215287	11.028		-0.40	-3.45	Good
338	04/08/21 00:30:00	11.48	12.98					11.08426843	105.6014773			-0.40	-3.45	Good
339	04/08/21 01:00:00	11.48	13.00					11.08444689	105.6504065			-0.40	-3.45	Good

340	04/08/21 01:30:00	11.49	13.04					11.09428095	105.8386945			-0.40	-3.44	Good
341	04/08/21 02:00:00	11.48	13.04					11.08480382	105.7482833			-0.40	-3.44	Good
342	04/08/21 02:30:00	11.49	13.06					11.09463819	105.8893887			-0.40	-3.44	Good
343	04/08/21 03:00:00	11.48	13.08					11.08516074	105.8461844			-0.39	-3.44	Good
344	04/08/21 03:30:00	11.49	13.10					11.09499543	105.9873872			-0.40	-3.44	Good
345	04/08/21 04:00:00	11.51	13.14					11.11448679	106.2683563			-0.40	-3.44	Good
346	04/08/21 04:30:00	11.52	13.16					11.12432225	106.4098311			-0.40	-3.43	Good
347	04/08/21 05:00:00	11.53	13.18					11.13415802	106.5513973			-0.40	-3.43	Good
348	04/08/21 05:30:00	11.52	13.20					11.12468042	106.508145			-0.40	-3.43	Good
349	04/08/21 06:00:00	11.53	13.20					11.1345165	106.6023161			-0.40	-3.43	Good
350	04/08/21 06:30:00	11.53	13.20					11.13469574	106.6040321			-0.40	-3.43	Good
351	04/08/21 07:00:00	11.51	13.20					11.11556037	106.4208293			-0.39	-3.43	Good
352	04/08/21 07:30:00	11.52	13.18					11.12539676	106.467554			-0.39	-3.43	Good
353	04/08/21 08:00:00	11.51	13.16					11.11591822	106.3294423			-0.39	-3.42	Good
354	04/08/21 08:30:00	11.50	13.16					11.10643938	106.2387723			-0.39	-3.42	Good
355	04/08/21 09:00:00	11.51	13.16					11.11627608	106.3328654			-0.39	-3.42	Good
356	04/08/21 09:30:00	11.49	13.16					11.09713884	106.1498079			-0.39	-3.42	Good
357	04/08/21 10:00:00	11.47	13.16					11.07800098	105.9667445			-0.39	-3.42	Good
358	04/08/21 10:30:00	11.45	13.18					11.0588625	105.8308361			-0.39	-3.42	Good
359	04/08/21 11:00:00	11.44	13.18					11.04938194	105.7401093			-0.39	-3.41	Good
360	04/08/21 11:30:00	11.42	13.24					11.03024237	105.6980917			-0.39	-3.41	Good
361	04/08/21 12:00:00	11.40	13.24					11.01110218	105.5146794			-0.39	-3.41	Good
362	04/08/21 12:30:00	11.41	13.28					11.02093842	105.7029749			-0.39	-3.41	Good
363	04/08/21 13:00:00	11.42	13.32					11.03077496	105.8914593			-0.39	-3.41	Good
364	04/08/21 13:30:00	11.43	13.36					11.04061182	106.0801326			-0.39	-3.41	Good
365	04/08/21 14:00:00	11.41	13.40					11.02147054	105.9903173			-0.39	-3.41	Good
366	04/08/21 14:30:00	11.44	13.44					11.05062683	106.3650694			-0.39	-3.40	Good
367	04/08/21 15:00:00	11.41	13.48					11.02182529	106.1819837			-0.39	-3.40	Good
368	04/08/21 15:30:00	11.39	13.50					11.00268276	106.0445617			-0.39	-3.40	Good
369	04/08/21 16:00:00	11.35	13.54					10.96421941	105.7675205			-0.39	-3.40	Good
370	04/08/21 16:30:00	11.36	13.56					10.97405611	105.9092955			-0.39	-3.40	Good
371	04/08/21 17:00:00	11.34	13.58					10.95491187	105.7713436			-0.39	-3.40	Good
372	04/08/21 17:30:00	11.33	13.58					10.94542759	105.6797714			-0.38	-3.39	Good
373	04/08/21 18:00:00	11.31	13.60					10.92628226	105.5416093			-0.38	-3.39	Good
374	04/08/21 18:30:00	11.30	13.60					10.9167972	105.4499891			-0.38	-3.39	Good
375	04/08/21 19:00:00	11.29	13.62					10.90731183	105.4049781			-0.38	-3.39	Good
376	04/08/21 19:30:00	11.27	13.64					10.88816495	105.2664832			-0.38	-3.39	Good
377	04/08/21 20:00:00	11.26	13.66					10.8786788	105.2212701			-0.38	-3.39	Good
378	04/08/21 20:30:00	11.26	13.70					10.87885384	105.3159751			-0.38	-3.38	Good
379	04/08/21 21:00:00	11.28	13.72					10.8983522	105.5513307			-0.38	-3.38	Good
380	04/08/21 21:30:00	11.28	13.76					10.89852756	105.6462355			-0.38	-3.38	Good
381	04/08/21 22:00:00	11.28	13.78					10.89870291	105.6945458			-0.38	-3.38	Good
382	04/08/21 22:30:00	11.30	13.80					10.91820252	105.9303494			-0.38	-3.38	Good
383	04/08/21 23:00:00	11.33	13.82					10.94736503	106.2601167			-0.38	-3.38	Good
384	04/08/21 23:30:00	11.37	13.84				11.783	10.98619091	106.6839763		11.504	-0.38	-3.38	Good
385	04/09/21 00:00:00	11.39	13.84	10.93	11.42	11.21729		11.00569284	106.8733544	10.843		-0.38	-3.37	Good
386	04/09/21 00:30:00	11.42	13.86					11.03485815	107.2037814			-0.39	-3.37	Good
387	04/09/21 01:00:00	11.39	13.86					11.00604697	106.9238805			-0.38	-3.37	Good
388	04/09/21 01:30:00	11.39	13.86					11.00622403	106.9256006			-0.38	-3.37	Good
389	04/09/21 02:00:00	11.39	13.86					11.0064011	106.9273208			-0.38	-3.37	Good
390	04/09/21 02:30:00	11.40	13.88					11.01624153	107.070056			-0.38	-3.37	Good
391	04/09/21 03:00:00	11.40	13.88					11.01641875	107.0717784			-0.38	-3.36	Good
392	04/09/21 03:30:00	11.41	13.90					11.02625965	107.2146075			-0.38	-3.36	Good
393	04/09/21 04:00:00	11.40	13.90					11.01677319	107.1223653			-0.38	-3.36	Good
394	04/09/21 04:30:00	11.40	13.92					11.01695041	107.1712355			-0.38	-3.36	Good
395	04/09/21 05:00:00	11.38	13.94					10.99779933	107.0320063			-0.38	-3.36	Good
396	04/09/21 05:30:00	11.37	13.94					10.98831194	106.9396737			-0.38	-3.36	Good
397	04/09/21 06:00:00	11.38	13.96					10.99815315	107.0825251			-0.38	-3.36	Good
398	04/09/21 06:30:00	11.36	13.96					10.97900083	106.8960503			-0.38	-3.35	Good
399	04/09/21 07:00:00	11.33	13.98					10.95018312	106.6623437			-0.38	-3.35	Good
400	04/09/21 07:30:00	11.32	13.98					10.94069433	106.5699163			-0.38	-3.35	Good
401	04/09/21 08:00:00	11.36	14.00					10.97953062	106.995213			-0.38	-3.35	Good
402	04/09/21 08:30:00	11.35	14.00					10.97004198	106.9027465			-0.38	-3.35	Good
403	04/09/21 09:00:00	11.32	13.98					10.94122225	106.5750586			-0.38	-3.35	Good
404	04/09/21 09:30:00	11.31	13.98					10.93173268	106.4826237			-0.38	-3.34	Good
405	04/09/21 10:00:00	11.31	13.98					10.9319085	106.4843363			-0.38	-3.34	Good
406	04/09/21 10:30:00	11.29	13.98					10.91275261	106.2977447			-0.38	-3.34	Good
407	04/09/21 11:00:00	11.28	14.00					10.9032621	106.2519785			-0.38	-3.34	Good
408	04/09/21 11:30:00	11.29	14.02					10.91310363	106.3946083			-0.38	-3.34	Good
409	04/09/21 12:00:00	11.29	14.04					10.91327913	106.4430488			-0.38	-3.34	Good
410	04/09/21 12:30:00	11.27	14.04					10.89412169	106.256196			-0.38	-3.34	Good
411	04/09/21 13:00:00	11.27	14.04					10.89429688	106.2579048			-0.38	-3.33	Good
412	04/09/21 13:30:00	11.27	14.06					10.89447208	106.3062669			-0.38	-3.33	Good
413	04/09/21 14:00:00	11.22	14.04					10.84631255	105.789888			-0.37	-3.33	Good
414	04/09/21 14:30:00	11.21	14.04					10.83681987	105.6973008			-0.37	-3.33	Good
415	04/09/21 15:00:00	11.19	14.04					10.81765963	105.5104206			-0.37	-3.33	Good
416	04/09/21 15:30:00	11.16	14.04					10.78883135	105.229243			-0.37	-3.33	Good
417	04/09/21 16:00:00	11.16	14.08					10.78900483	105.3233427			-0.37	-3.32	Good
418	04/09/21 16:30:00	11.11	14.08					10.74083971	104.8531499			-0.37	-3.32	Good
419	04/09/21 17:00:00	11.10	14.10					10.73134454	104.8064204			-0.37	-3.32	Good
420	04/09/21 17:30:00	11.05	14.12					10.68317693	104.3817582			-0.37	-3.32	Good
421	04/09/21 18:00:00	11.03	14.14					10.66401233	104.2401906			-0.37	-3.32	Good
422	04/09/21 18:30:00	11.00	14.14					10.63517877	103.9583439			-0.36	-3.32	Good
423	04/09/21 19:00:00	10.98	14.14					10.61601277	103.7709972			-0.36	-3.32	Good
424	04/09/21 19:30:00	10.95	14.14					10.58717749	103.4891338			-0.36	-3.31	Good
425	04/09/21 20:00:00	10.93	14.14					10.56801009	103.3017735			-0.36	-3.31	Good
426	04/09/21 20:30:00	10.93	14.14					10.56818001	103.3034344			-0.36	-3.31	Good
427	04/09/21 21:00:00	10.93	14.16					10.56834992	103.3503729			-0.36	-3.31	Good
428	04/09/21 21:30:00	10.94	14.16					10.57818911	103.4465927			-0.36	-3.31	Good
429	04/09/21 22:00:00	10.94	14.16					10.57835918	103.4482558			-0.36	-3.31	Good
430	04/09/21 22:30:00	10.95	14.16					10.58819883	103.5444801			-0.36	-3.30	Good
431	04/09/21 23:00:00	10.95	14.16					10.58836906	103.5461448			-0.36	-3.30	Good
432	04/09/21 23:30:00	10.96	14.16				11.775	10.59820918	103.6423736		11.481	-0.36	-3.30	Good
433	04/10/21 00:00:00	10.97	14.18	10.90	11.04	10.96250		10.60804961	103.7840575	10.605		-0.36	-3.30	Good
434	04/10/21 00:30:00	10.96	14.18					10.59854994	103.6911172			-0.36	-3.30	Good
435	04/10/21 01:00:00	10.97	14.18					10.60839068	103.7873943			-0.36	-3.30	Good
436	04/10/21 01:30:00	10.95	14.18					10.58922017	103.5998393			-0.36	-3.29	Good
437	04/10/21 02:00:00	10.95	14.18					10.5893904	103.6015047			-0.36	-3.29	Good
438	04/10/21 02:30:00	10.97	14.18					10.60890228	103.7923996			-0.36	-3.29	Good
439	04/10/21 03:00:00	10.97	14.18					10.60907282	103.794068			-0.36	-3.29	Good
440	04/10/21 03:30:00	10.97	14.18					10.60924335	103.7957365			-0.36	-3.29	Good
441	04/10/21 04:00:00	10.97	14.18					10.60941389	103.7974049			-0.36	-3.29	Good
442	04/10/21 04:30:00	10.95	14.18					10.59024151	103.6098316			-0.36	-3.29	Good
443	04/10/21 05:00:00	10.96	14.18					10.60008335	103.7061194			-0.36	-3.28	Good
444	04/10/21 05:30:00	10.94	14.20					10.5809102	103.5638783			-0.36	-3.28	Good
445	04/10/21 06:00:00	10.93	14.20					10.57140835	103.4708761			-0.36	-3.28	Good
446	04/10/21 06:30:00	10.92	14.20					10.56190618	103.3778708			-0.36	-3.28	Good
447	04/10/21 07:00:00	10.93	14.22					10.57174817	103.519507			-0.36	-3.28	Good
448	04/10/21 07:30:00	10.91	14.22					10.55257331	103.331745			-0.36	-3.28	Good
449	04/10/21 08:00:00	10.90	14.22					10.54307037	103.2386914			-0.36	-3.27	Good
450	04/10/21 08:30:00	10.92	14.24					10.56258521	103.4750521			-0.36	-3.27	Good
451	04/10/21 09:00:00	10.93	14.26					10.57242782	103.61679			-0.36	-3.27	Good
452	04/10/21 09:30:00	10.94	14.28					10.58227074	103.7586195			-0.36	-3.27	Good
453	04/10/21 10:00:00	10.94	14.30					10.58244081	103.8056543			-0.36	-3.27	Good
454	04/10/21 10:30:00	10.95	14.32					10.5922842	103.947624			-0.36	-3.27	Good
455	04/10/21 11:00:00	10.94	14.32					10.58278095	103.8543636			-0.36	-3.27	Good

456	04/10/21 11:30:00	10.95	14.34					10.59262464	103.9963842			-0.36	-3.26	Good
457	04/10/21 12:00:00	10.97	14.36					10.61214244	104.2335133			-0.36	-3.26	Good
458	04/10/21 12:30:00	10.95	14.40					10.59296509	104.1360137			-0.36	-3.26	Good
459	04/10/21 13:00:00	10.95	14.42					10.59313531	104.1831252			-0.36	-3.26	Good
460	04/10/21 13:30:00	10.96	14.46					10.60297979	104.3709183			-0.36	-3.26	Good
461	04/10/21 14:00:00	10.99	14.52					10.63217339	104.7951533			-0.36	-3.26	Good
462	04/10/21 14:30:00	11.00	14.56					10.6420188	104.9835433			-0.36	-3.25	Good
463	04/10/21 15:00:00	11.00	14.58					10.6421898	105.0309119			-0.36	-3.25	Good
464	04/10/21 15:30:00	11.02	14.56					10.66171055	105.1778024			-0.36	-3.25	Good
465	04/10/21 16:00:00	11.02	14.58					10.66188186	105.2252587			-0.36	-3.25	Good
466	04/10/21 16:30:00	11.02	14.56					10.66205317	105.1811824			-0.36	-3.25	Good
467	04/10/21 17:00:00	11.02	14.56					10.66222448	105.1828724			-0.36	-3.25	Good
468	04/10/21 17:30:00	11.02	14.58					10.66239579	105.2303309			-0.36	-3.25	Good
469	04/10/21 18:00:00	11.02	14.58					10.6625671	105.2320216			-0.36	-3.24	Good
470	04/10/21 18:30:00	11.04	14.58					10.68209003	105.4246991			-0.36	-3.24	Good
471	04/10/21 19:00:00	10.97	14.58					10.61452992	104.7579284			-0.36	-3.24	Good
472	04/10/21 19:30:00	10.97	14.60					10.61470045	104.8051794			-0.36	-3.24	Good
473	04/10/21 20:00:00	10.94	14.60					10.58584217	104.5202446			-0.35	-3.24	Good
474	04/10/21 20:30:00	10.91	14.60					10.55698296	104.2353006			-0.35	-3.24	Good
475	04/10/21 21:00:00	10.93	14.62					10.57650572	104.4734684			-0.35	-3.23	Good
476	04/10/21 21:30:00	10.94	14.64					10.58635238	104.6161868			-0.35	-3.23	Good
477	04/10/21 22:00:00	10.97	14.64					10.61555313	104.9047538			-0.35	-3.23	Good
478	04/10/21 22:30:00	10.96	14.62					10.60604661	104.7652697			-0.35	-3.23	Good
479	04/10/21 23:00:00	10.97	14.62					10.6158942	104.862543			-0.35	-3.23	Good
480	04/10/21 23:30:00	10.97	14.60				11.635	10.61606473	104.8186497		11.323	-0.35	-3.23	Good
481	04/11/21 00:00:00	10.95	14.60	10.78	11.26	10.92604		10.59688023	104.6292298	10.578		-0.35	-3.22	Good
482	04/11/21 00:30:00	10.92	14.58					10.56801744	104.2988831			-0.35	-3.22	Good
483	04/11/21 01:00:00	10.90	14.58					10.54883154	104.1095318			-0.35	-3.22	Good
484	04/11/21 01:30:00	10.87	14.58					10.51996704	103.8246595			-0.35	-3.22	Good
485	04/11/21 02:00:00	10.87	14.58					10.52013602	103.8263272			-0.35	-3.22	Good
486	04/11/21 02:30:00	10.83	14.58					10.48159183	103.4459232			-0.35	-3.22	Good
487	04/11/21 03:00:00	10.82	14.58					10.47208174	103.3520653			-0.35	-3.22	Good
488	04/11/21 03:30:00	10.81	14.58					10.46257134	103.2582043			-0.35	-3.21	Good
489	04/11/21 04:00:00	10.80	14.58					10.45306062	103.1643403			-0.35	-3.21	Good
490	04/11/21 04:30:00	10.80	14.58					10.45322851	103.1659973			-0.35	-3.21	Good
491	04/11/21 05:00:00	10.79	14.58					10.44371734	103.0721286			-0.35	-3.21	Good
492	04/11/21 05:30:00	10.78	14.58					10.43420585	102.9782569			-0.35	-3.21	Good
493	04/11/21 06:00:00	10.79	14.58					10.44405281	103.0754395			-0.35	-3.21	Good
494	04/11/21 06:30:00	10.79	14.58					10.44422054	103.0770949			-0.35	-3.20	Good
495	04/11/21 07:00:00	10.79	14.58					10.44438828	103.0787504			-0.35	-3.20	Good
496	04/11/21 07:30:00	10.78	14.58					10.43487617	102.9848725			-0.35	-3.20	Good
497	04/11/21 08:00:00	10.78	14.56					10.43504375	102.9417339			-0.34	-3.20	Good
498	04/11/21 08:30:00	10.79	14.56					10.44489149	103.0388819			-0.35	-3.20	Good
499	04/11/21 09:00:00	10.78	14.54					10.43537891	102.9002503			-0.34	-3.20	Good
500	04/11/21 09:30:00	10.78	14.52					10.43554649	102.8571162			-0.34	-3.20	Good
501	04/11/21 10:00:00	10.79	14.50					10.4453947	102.9093595			-0.34	-3.19	Good
502	04/11/21 10:30:00	10.81	14.50					10.464924	103.1017646			-0.35	-3.19	Good
503	04/11/21 11:00:00	10.84	14.50					10.49413485	103.3895537			-0.35	-3.19	Good
504	04/11/21 11:30:00	10.90	14.52					10.55238991	104.0087739			-0.35	-3.19	Good
505	04/11/21 12:00:00	10.93	14.56					10.5816031	104.3875423			-0.35	-3.19	Good
506	04/11/21 12:30:00	10.94	14.56					10.59145442	104.4847255			-0.35	-3.19	Good
507	04/11/21 13:00:00	10.95	14.56					10.60130604	104.5819119			-0.35	-3.18	Good
508	04/11/21 13:30:00	10.98	14.62					10.63052141	105.0070289			-0.35	-3.18	Good
509	04/11/21 14:00:00	11.06	14.70					10.70814705	105.9577402			-0.35	-3.18	Good
510	04/11/21 14:30:00	11.01	14.76					10.65990886	105.6177933			-0.35	-3.18	Good
511	04/11/21 15:00:00	11.14	14.84					10.78594836	107.0519735			-0.35	-3.18	Good
512	04/11/21 15:30:00	11.26	14.88					10.90230956	108.3005931			-0.36	-3.18	Good
513	04/11/21 16:00:00	11.04	14.80					10.6894698	106.002538			-0.35	-3.18	Good
514	04/11/21 16:30:00	11.04	14.76					10.68964142	105.9123819			-0.35	-3.17	Good
515	04/11/21 17:00:00	10.99	14.66					10.64139904	105.2058625			-0.35	-3.17	Good
516	04/11/21 17:30:00	11.03	14.64					10.68030171	105.5446106			-0.35	-3.17	Good
517	04/11/21 18:00:00	11.03	14.64					10.68047318	105.5463051			-0.35	-3.17	Good
518	04/11/21 18:30:00	11.02	14.62					10.67096138	105.4064901			-0.35	-3.17	Good
519	04/11/21 19:00:00	11.11	14.64					10.7582835	106.3152403			-0.35	-3.17	Good
520	04/11/21 19:30:00	11.04	14.62					10.69067116	105.601181			-0.35	-3.16	Good
521	04/11/21 20:00:00	11.06	14.64					10.71021025	105.840172			-0.35	-3.16	Good
522	04/11/21 20:30:00	11.03	14.66					10.68133052	105.6006438			-0.35	-3.16	Good
523	04/11/21 21:00:00	11.01	14.70					10.66213389	105.5024373			-0.35	-3.16	Good
524	04/11/21 21:30:00	11.04	14.74					10.69135765	105.883456			-0.35	-3.16	Good
525	04/11/21 22:00:00	11.03	14.78					10.68184492	105.8810279			-0.35	-3.16	Good
526	04/11/21 22:30:00	11.03	14.82					10.68201638	105.9745283			-0.35	-3.15	Good
527	04/11/21 23:00:00	10.99	14.82					10.64344918	105.5919094			-0.35	-3.15	Good
528	04/11/21 23:30:00	10.93	14.80				11.440	10.58551109	104.9716274		11.107	-0.34	-3.15	Good
529	04/12/21 00:00:00	10.87	14.78	10.66	11.00	10.85021		10.52757114	104.3518289	10.512		-0.34	-3.15	Good
530	04/12/21 00:30:00	10.86	14.76					10.51805498	104.2123128			-0.34	-3.15	Good
531	04/12/21 01:00:00	10.83	14.74					10.48916794	103.88104			-0.34	-3.15	Good
532	04/12/21 01:30:00	10.82	14.74					10.47965085	103.7867861			-0.34	-3.15	Good
533	04/12/21 02:00:00	10.78	14.74					10.44107666	103.4047608			-0.34	-3.14	Good
534	04/12/21 02:30:00	10.76	14.72					10.42187273	103.1698034			-0.34	-3.14	Good
535	04/12/21 03:00:00	10.77	14.72					10.43172591	103.2673435			-0.34	-3.14	Good
536	04/12/21 03:30:00	10.77	14.72					10.43189333	103.2690009			-0.34	-3.14	Good
537	04/12/21 04:00:00	10.79	14.72					10.4514332	103.462433			-0.34	-3.14	Good
538	04/12/21 04:30:00	10.80	14.74					10.46128732	103.6049201			-0.34	-3.14	Good
539	04/12/21 05:00:00	10.85	14.76					10.50988787	104.1313935			-0.34	-3.13	Good
540	04/12/21 05:30:00	10.86	14.78					10.51974323	104.2742368			-0.34	-3.13	Good
541	04/12/21 06:00:00	10.87	14.80					10.5295989	104.417172			-0.34	-3.13	Good
542	04/12/21 06:30:00	10.88	14.78					10.53945487	104.4696234			-0.34	-3.13	Good
543	04/12/21 07:00:00	10.88	14.76					10.53962401	104.4260175			-0.34	-3.13	Good
544	04/12/21 07:30:00	10.92	14.72					10.57854238	104.7207317			-0.34	-3.13	Good
545	04/12/21 08:00:00	10.97	14.70					10.62714947	105.1562644			-0.34	-3.13	Good
546	04/12/21 08:30:00	10.98	14.70					10.63700762	105.2538114			-0.34	-3.12	Good
547	04/12/21 09:00:00	10.99	14.68					10.64686609	105.3056348			-0.34	-3.12	Good
548	04/12/21 09:30:00	11.00	14.66					10.65672487	105.3573808			-0.34	-3.12	Good
549	04/12/21 10:00:00	11.00	14.66					10.65689587	105.3590714			-0.34	-3.12	Good
550	04/12/21 10:30:00	10.97	14.64					10.62800214	105.0277771			-0.34	-3.12	Good
551	04/12/21 11:00:00	10.97	14.62					10.62817268	104.9838284			-0.34	-3.12	Good
552	04/12/21 11:30:00	10.94	14.62					10.59927755	104.6984057			-0.34	-3.11	Good
553	04/12/21 12:00:00	10.93	14.62					10.58975891	104.6043817			-0.34	-3.11	Good
554	04/12/21 12:30:00	10.93	14.62					10.58992882	104.6060601			-0.34	-3.11	Good
555	04/12/21 13:00:00	10.95	14.64					10.60947677	104.8447062			-0.34	-3.11	Good
556	04/12/21 13:30:00	10.94	14.64					10.59995782	104.7506382			-0.34	-3.11	Good
557	04/12/21 14:00:00	10.91	14.64					10.5710599	104.4650639			-0.34	-3.11	Good
558	04/12/21 14:30:00	10.85	14.64					10.51309258	103.8922207			-0.34	-3.11	Good
559	04/12/21 15:00:00	10.79	14.64					10.4551234	103.3193591			-0.33	-3.10	Good
560	04/12/21 15:30:00	10.70	14.66					10.36808296	102.5037315			-0.33	-3.10	Good
561	04/12/21 16:00:00	10.66	14.66					10.32948949	102.1221784			-0.33	-3.10	Good
562	04/12/21 16:30:00	10.68	14.66					10.34903542	102.3154186			-0.33	-3.10	Good
563	04/12/21 17:00:00	10.74	14.64					10.40734303	102.8471851			-0.33	-3.10	Good
564	04/12/21 17:30:00	10.83	14.60					10.49472376	103.6205789			-0.34	-3.10	Good
565	04/12/21 18:00:00	10.90	14.52					10.56272614	104.1106521			-0.34	-3.09	Good
566	04/12/21 18:30:00	10.90	14.48					10.56289558	104.0216683			-0.34	-3.09	Good
567	04/12/21 19:00:00	10.87	14.44					10.53399237	103.6466449			-0.34	-3.09	Good
568	04/12/21 19:30:00	10.83	14.44					10.49539719	103.266897			-0.33	-3.09	Good
569	04/12/21 20:00:00	10.81	14.44					10.47618315	103.0778452			-0.33	-3.09	Good
570	04/12/21 20:30:00	10.75	14.42					10.41820309	102.4626727			-0.33	-3.09	Good
571	04/12/21 21:00:00	10.75	14.42					10.41837021	102.4643163			-0.33	-3.08	Good

572	04/12/21 21:30:00	10.77	14.42					10.43792065	102.6565942			-0.33	-3.08	Good
573	04/12/21 22:00:00	10.81	14.40					10.47685534	102.9945763			-0.33	-3.08	Good
574	04/12/21 22:30:00	10.81	14.36					10.47702339	102.9063607			-0.33	-3.08	Good
575	04/12/21 23:00:00	10.80	14.36					10.46749931	102.8128142			-0.33	-3.08	Good
576	04/12/21 23:30:00	10.77	14.32				11.251	10.43859035	102.4393459		10.892	-0.33	-3.08	Good
577	04/13/21 00:00:00	10.75	14.32	10.32	10.81	10.59125		10.41937289	102.2507549	10.233		-0.33	-3.08	Good
578	04/13/21 00:30:00	10.76	14.30					10.4292326	102.3027989			-0.33	-3.07	Good
579	04/13/21 01:00:00	10.76	14.28					10.42939987	102.2597285			-0.33	-3.07	Good
580	04/13/21 01:30:00	10.79	14.28					10.45864586	102.5464839			-0.33	-3.07	Good
581	04/13/21 02:00:00	10.79	14.28					10.4588136	102.5481286			-0.33	-3.07	Good
582	04/13/21 02:30:00	10.81	14.30					10.47836777	102.7847773			-0.33	-3.07	Good
583	04/13/21 03:00:00	10.81	14.32					10.47853582	102.8313516			-0.33	-3.07	Good
584	04/13/21 03:30:00	10.76	14.32					10.43023622	102.3573625			-0.33	-3.06	Good
585	04/13/21 04:00:00	10.76	14.34					10.43040349	102.4037276			-0.33	-3.06	Good
586	04/13/21 04:30:00	10.77	14.36					10.4402646	102.5453122			-0.33	-3.06	Good
587	04/13/21 05:00:00	10.75	14.36					10.42104404	102.3565259			-0.33	-3.06	Good
588	04/13/21 05:30:00	10.74	14.36					10.411517	102.2629504			-0.33	-3.06	Good
589	04/13/21 06:00:00	10.71	14.36					10.38260104	101.978935			-0.33	-3.06	Good
590	04/13/21 06:30:00	10.65	14.38					10.32460077	101.4535287			-0.33	-3.06	Good
591	04/13/21 07:00:00	10.60	14.40					10.27629325	101.0229153			-0.32	-3.05	Good
592	04/13/21 07:30:00	10.58	14.40					10.25706849	100.8339229			-0.32	-3.05	Good
593	04/13/21 08:00:00	10.55	14.42					10.22814818	100.5934891			-0.32	-3.05	Good
594	04/13/21 08:30:00	10.53	14.44					10.20892202	100.4481945			-0.32	-3.05	Good
595	04/13/21 09:00:00	10.50	14.46					10.18	100.2072973			-0.32	-3.05	Good
596	04/13/21 09:30:00	10.48	14.46					10.10	99.8083197			-0.38	-3.63	Good
597	04/13/21 10:00:00	10.44	14.48					10.06166379	99.47282811			-0.38	-3.62	Good
598	04/13/21 10:30:00	10.42	14.48					10.04260157	99.28437289			-0.38	-3.62	Good
599	04/13/21 11:00:00	10.42	14.46					10.04281456	99.24321252			-0.38	-3.62	Good
600	04/13/21 11:30:00	10.42	14.46					10.04302756	99.24531736			-0.38	-3.62	Good
601	04/13/21 12:00:00	10.43	14.46					10.05287898	99.34266924			-0.38	-3.62	Good
602	04/13/21 12:30:00	10.43	14.46					10.05309218	99.34477609			-0.38	-3.61	Good
603	04/13/21 13:00:00	10.43	14.44					10.05330538	99.30357559			-0.38	-3.61	Good
604	04/13/21 13:30:00	10.45	14.46					10.07279666	99.53949601			-0.38	-3.61	Good
605	04/13/21 14:00:00	10.47	14.48					10.09228876	99.77559642			-0.38	-3.61	Good
606	04/13/21 14:30:00	10.48	14.48					10.10214223	99.87301096			-0.38	-3.61	Good
607	04/13/21 15:00:00	10.50	14.44					10.12163576	99.97852282			-0.38	-3.60	Good
608	04/13/21 15:30:00	10.55	14.44					10.17004968	100.4567412			-0.38	-3.60	Good
609	04/13/21 16:00:00	10.60	14.46					10.21846564	100.9789986			-0.38	-3.60	Good
610	04/13/21 16:30:00	10.63	14.48					10.24760312	101.3110838			-0.38	-3.60	Good
611	04/13/21 17:00:00	10.67	14.50					10.28638229	101.7387866			-0.38	-3.60	Good
612	04/13/21 17:30:00	10.69	14.50					10.30588175	101.9316485			-0.38	-3.59	Good
613	04/13/21 18:00:00	10.71	14.50					10.32538202	102.1245185			-0.38	-3.59	Good
614	04/13/21 18:30:00	10.70	14.50					10.31595986	102.0313274			-0.38	-3.59	Good
615	04/13/21 19:00:00	10.70	14.48					10.31617858	101.9890428			-0.38	-3.59	Good
616	04/13/21 19:30:00	10.67	14.48					10.28747282	101.7052485			-0.38	-3.59	Good
617	04/13/21 20:00:00	10.64	14.48					10.25876584	101.4214421			-0.38	-3.58	Good
618	04/13/21 20:30:00	10.58	14.48					10.20113192	100.8516547			-0.38	-3.58	Good
619	04/13/21 21:00:00	10.53	14.48					10.15313766	100.3771681			-0.38	-3.58	Good
620	04/13/21 21:30:00	10.47	14.50					10.09549904	99.85083134			-0.37	-3.58	Good
621	04/13/21 22:00:00	10.44	14.50					10.06678552	99.56683652			-0.37	-3.57	Good
622	04/13/21 22:30:00	10.39	14.46					10.01878532	99.00575531			-0.37	-3.57	Good
623	04/13/21 23:00:00	10.35	14.46					9.980426013	98.62668814			-0.37	-3.57	Good
624	04/13/21 23:30:00	10.32	14.44				11.077	9.951708195	98.30002862		10.710	-0.37	-3.57	Good
625	04/14/21 00:00:00	10.27	14.42	10.12	10.69	10.36458		9.903702484	97.78318343	10.000		-0.37	-3.57	Good
626	04/14/21 00:30:00	10.24	14.38					9.874981804	97.4145539			-0.37	-3.56	Good
627	04/14/21 01:00:00	10.22	14.34					9.855903639	97.141473			-0.36	-3.56	Good
628	04/14/21 01:30:00	10.20	14.30					9.836824655	96.86872823			-0.36	-3.56	Good
629	04/14/21 02:00:00	10.16	14.24					9.798456554	96.36437215			-0.36	-3.56	Good
630	04/14/21 02:30:00	10.15	14.18					9.789019882	96.14519878			-0.36	-3.56	Good
631	04/14/21 03:00:00	10.13	14.14					9.769938241	95.87372287			-0.36	-3.55	Good
632	04/14/21 03:30:00	10.13	14.08					9.77014531	95.74968991			-0.36	-3.55	Good
633	04/14/21 04:00:00	10.12	14.04					9.76070741	95.57325368			-0.36	-3.55	Good
634	04/14/21 04:30:00	10.12	14.00					9.760914275	95.49135044			-0.36	-3.55	Good
635	04/14/21 05:00:00	10.12	13.96					9.761121139	95.40945929			-0.36	-3.55	Good
636	04/14/21 05:30:00	10.12	13.94					9.761328003	95.36952881			-0.36	-3.54	Good
637	04/14/21 06:00:00	10.12	13.90					9.761534867	95.28765495			-0.36	-3.54	Good
638	04/14/21 06:30:00	10.16	13.88					9.800325691	95.62420504			-0.36	-3.54	Good
639	04/14/21 07:00:00	10.18	13.84					9.819825761	95.73009983			-0.36	-3.54	Good
640	04/14/21 07:30:00	10.18	13.84					9.820033852	95.73212844			-0.36	-3.54	Good
641	04/14/21 08:00:00	10.19	13.84					9.829888546	95.82819845			-0.36	-3.53	Good
642	04/14/21 08:30:00	10.18	13.84					9.820450033	95.73618565			-0.36	-3.53	Good
643	04/14/21 09:00:00	10.21	13.84					9.84959916	96.02035044			-0.36	-3.53	Good
644	04/14/21 09:30:00	10.22	13.84					9.85945508	96.11643241			-0.36	-3.53	Good
645	04/14/21 10:00:00	10.24	13.84					9.87895883	96.30656776			-0.36	-3.53	Good
646	04/14/21 10:30:00	10.27	13.86					9.908111022	96.63332583			-0.36	-3.52	Good
647	04/14/21 11:00:00	10.30	13.84					9.937264441	96.87496908			-0.36	-3.52	Good
648	04/14/21 11:30:00	10.35	13.84					9.985715155	97.34729841			-0.36	-3.52	Good
649	04/14/21 12:00:00	10.39	13.84					10.02451967	97.7255903			-0.37	-3.52	Good
650	04/14/21 12:30:00	10.45	13.88					10.08262271	98.37864701			-0.37	-3.52	Good
651	04/14/21 13:00:00	10.48	13.90					10.11178227	98.70661044			-0.37	-3.51	Good
652	04/14/21 13:30:00	10.49	13.92					10.12164534	98.84638219			-0.37	-3.51	Good
653	04/14/21 14:00:00	10.52	13.94					10.15080694	99.17479201			-0.37	-3.51	Good
654	04/14/21 14:30:00	10.52	13.94					10.15102198	99.17689299			-0.37	-3.51	Good
655	04/14/21 15:00:00	10.55	13.94					10.18018541	99.46182379			-0.37	-3.51	Good
656	04/14/21 15:30:00	10.59	13.96					10.21899974	99.88496465			-0.37	-3.50	Good
657	04/14/21 16:00:00	10.61	13.98					10.23851596	100.1197321			-0.37	-3.50	Good
658	04/14/21 16:30:00	10.62	13.98					10.24838292	100.2162185			-0.37	-3.50	Good
659	04/14/21 17:00:00	10.62	13.98					10.2486	100.2183413			-0.37	-3.50	Good
660	04/14/21 17:30:00	10.60	13.98					10.22951611	100.031725			-0.37	-3.50	Good
661	04/14/21 18:00:00	10.63	13.96					10.25868486	100.2728644			-0.37	-3.49	Good
662	04/14/21 18:30:00	10.67	13.94					10.29750574	100.6080597			-0.37	-3.49	Good
663	04/14/21 19:00:00	10.69	13.92					10.31702604	100.7544391			-0.37	-3.49	Good
664	04/14/21 19:30:00	10.67	13.90					10.29794195	100.5238165			-0.37	-3.49	Good
665	04/14/21 20:00:00	10.64	13.88					10.26920553	100.1991818			-0.37	-3.48	Good
666	04/14/21 20:30:00	10.58	13.86					10.21151274	99.59238809			-0.37	-3.48	Good
667	04/14/21 21:00:00	10.55	13.84					10.18277326	99.26834999			-0.37	-3.48	Good
668	04/14/21 21:30:00	10.48	13.82					10.11542406	98.56833593			-0.36	-3.48	Good
669	04/14/21 22:00:00	10.45	13.78					10.0866813	98.20161551			-0.36	-3.48	Good
670	04/14/21 22:30:00	10.42	13.76					10.05793732	97.8785799			-0.36	-3.47	Good
671	04/14/21 23:00:00	10.37	13.72					10.00988664	97.3250191			-0.36	-3.47	Good
672	04/14/21 23:30:00	10.33	13.70				10.904	9.971486851	96.90885481		10.543	-0.36	-3.47	Good
673	04/15/21 00:00:00	10.31	13.66	10.31	10.68	10.50188		9.952391719	96.6378381	10.143		-0.36	-3.47	Good
674	04/15/21 00:30:00	10.31	13.64					9.952602467	96.5971702			-0.36	-3.47	Good
675	04/15/21 01:00:00	10.31	13.62					9.952813215	96.55650454			-0.36	-3.46	Good
676	04/15/21 01:30:00	10.33	13.60					9.972331478	96.70306873			-0.36	-3.46	Good
677	04/15/21 02:00:00	10.34	13.58					9.982196597	96.75590304			-0.36	-3.46	Good
678	04/15/21 02:30:00	10.36	13.56					10.00171629	96.90219566			-0.36	-3.46	Good
679	04/15/21 03:00:00	10.39	13.54					10.03089117	97.1418283			-0.36	-3.46	Good
680	04/15/21 03:30:00	10.39	13.52					10.03110356	97.10085839			-0.36	-3.45	Good
681	04/15/21 04:00:00	10.39	13.52					10.03131594	97.10291426			-0.36	-3.45	Good
682	04/15/21 04:30:00	10.39	13.52					10.03152832	97.10497012			-0.36	-3.45	Good
683	04/15/21 05:00:00	10.39	13.52					10.03174071	97.10702599			-0.36	-3.45	Good
684	04/15/21 05:30:00	10.39	13.54					10.03195309	97.15211218			-0.36	-3.45	Good
685	04/15/21 06:00:00	10.38	13.54					10.02250988	97.06066158			-0.36	-3.44	Good
686	04/15/21 06:30:00	10.39	13.56					10.03237786	97.19926198			-0.36	-3.44	Good
687	04/15/21 07:00:00	10.38	13.56					10.02293423	97.1077669			-0.36	-3.44	Good

688	04/15/21 07:30:00	10.39	13.58					10.03280262	97.2464195			-0.36	-3.44	Good
689	04/15/21 08:00:00	10.37	13.58					10.01370218	97.0612818			-0.36	-3.44	Good
690	04/15/21 08:30:00	10.39	13.60					10.03322739	97.29358475			-0.36	-3.43	Good
691	04/15/21 09:00:00	10.43	13.64					10.07206707	97.75666013			-0.36	-3.43	Good
692	04/15/21 09:30:00	10.45	13.66					10.09159432	97.989497			-0.36	-3.43	Good
693	04/15/21 10:00:00	10.45	13.66					10.09180793	97.99157115			-0.36	-3.43	Good
694	04/15/21 10:30:00	10.49	13.68					10.13065129	98.41222312			-0.36	-3.43	Good
695	04/15/21 11:00:00	10.49	13.70					10.13086572	98.45779368			-0.36	-3.42	Good
696	04/15/21 11:30:00	10.51	13.70					10.15039584	98.64759902			-0.36	-3.42	Good
697	04/15/21 12:00:00	10.56	13.74					10.19890092	99.20657195			-0.36	-3.42	Good
698	04/15/21 12:30:00	10.57	13.78					10.20877504	99.39029214			-0.36	-3.42	Good
699	04/15/21 13:00:00	10.59	13.80					10.22830802	99.62438727			-0.36	-3.42	Good
700	04/15/21 13:30:00	10.59	13.82					10.22852449	99.67042729			-0.36	-3.41	Good
701	04/15/21 14:00:00	10.61	13.82					10.2480587	99.86077564			-0.36	-3.41	Good
702	04/15/21 14:30:00	10.62	13.84					10.25793465	100.0010725			-0.36	-3.41	Good
703	04/15/21 15:00:00	10.62	13.84					10.25815173	100.0031888			-0.36	-3.41	Good
704	04/15/21 15:30:00	10.64	13.88					10.27768778	100.2819452			-0.36	-3.41	Good
705	04/15/21 16:00:00	10.66	13.92					10.29722464	100.5610618			-0.36	-3.40	Good
706	04/15/21 16:30:00	10.67	13.94					10.30710244	100.7018207			-0.36	-3.40	Good
707	04/15/21 17:00:00	10.67	13.94					10.30732054	100.7039517			-0.36	-3.40	Good
708	04/15/21 17:30:00	10.66	13.94					10.29787835	100.6117002			-0.36	-3.40	Good
709	04/15/21 18:00:00	10.68	13.94					10.31741726	100.802598			-0.36	-3.39	Good
710	04/15/21 18:30:00	10.66	13.94					10.29831416	100.615958			-0.36	-3.39	Good
711	04/15/21 19:00:00	10.66	13.92					10.29853206	100.5738298			-0.36	-3.39	Good
712	04/15/21 19:30:00	10.66	13.92					10.29874996	100.5759578			-0.36	-3.39	Good
713	04/15/21 20:00:00	10.65	13.90					10.28930654	100.4395215			-0.36	-3.39	Good
714	04/15/21 20:30:00	10.64	13.88					10.27986272	100.3031666			-0.36	-3.38	Good
715	04/15/21 21:00:00	10.61	13.84					10.25109502	99.93439534			-0.36	-3.38	Good
716	04/15/21 21:30:00	10.58	13.80					10.2223261	99.566123			-0.36	-3.38	Good
717	04/15/21 22:00:00	10.54	13.76					10.18389381	99.10432259			-0.36	-3.38	Good
718	04/15/21 22:30:00	10.51	13.74					10.15512223	98.78072864			-0.35	-3.38	Good
719	04/15/21 23:00:00	10.50	13.68					10.14567452	98.55816336			-0.35	-3.37	Good
720	04/15/21 23:30:00	10.52	13.64				10.773	10.16521466	98.66072455		10.416	-0.35	-3.37	Good
721	04/16/21 00:00:00	10.53	13.62	10.53	11.38	10.96938		10.17509266	98.71293261	10.605		-0.35	-3.37	Good
722	04/16/21 00:30:00	10.55	13.60					10.19463422	98.85876898			-0.36	-3.37	Good
723	04/16/21 01:00:00	10.56	13.56					10.20451324	98.86700541			-0.36	-3.37	Good
724	04/16/21 01:30:00	10.56	13.52					10.2047291	98.78154976			-0.36	-3.36	Good
725	04/16/21 02:00:00	10.56	13.50					10.20494496	98.73987108			-0.36	-3.36	Good
726	04/16/21 02:30:00	10.57	13.46					10.21482479	98.74785669			-0.36	-3.36	Good
727	04/16/21 03:00:00	10.57	13.42					10.21504086	98.66235164			-0.35	-3.36	Good
728	04/16/21 03:30:00	10.58	13.40					10.22492131	98.71394937			-0.36	-3.36	Good
729	04/16/21 04:00:00	10.58	13.36					10.22513757	98.62838206			-0.35	-3.35	Good
730	04/16/21 04:30:00	10.60	13.34					10.24468343	98.77301004			-0.36	-3.35	Good
731	04/16/21 05:00:00	10.62	13.32					10.26423011	98.91748258			-0.36	-3.35	Good
732	04/16/21 05:30:00	10.63	13.30					10.2741124	98.9686965			-0.36	-3.35	Good
733	04/16/21 06:00:00	10.65	13.26					10.2936605	99.06879962			-0.36	-3.35	Good
734	04/16/21 06:30:00	10.68	13.24					10.32287504	99.30574879			-0.36	-3.34	Good
735	04/16/21 07:00:00	10.71	13.20					10.35209081	99.49812819			-0.36	-3.34	Good
736	04/16/21 07:30:00	10.72	13.18					10.36197575	99.5487628			-0.36	-3.34	Good
737	04/16/21 08:00:00	10.74	13.16					10.38152733	99.69214418			-0.36	-3.34	Good
738	04/16/21 08:30:00	10.76	13.16					10.40107973	99.87990274			-0.36	-3.34	Good
739	04/16/21 09:00:00	10.81	13.16					10.44963286	100.3461506			-0.36	-3.33	Good
740	04/16/21 09:30:00	10.82	13.16					10.45952067	100.4411016			-0.36	-3.33	Good
741	04/16/21 10:00:00	10.87	13.16					10.50807706	100.9073809			-0.36	-3.33	Good
742	04/16/21 10:30:00	10.90	13.12					10.537301	101.0977867			-0.36	-3.33	Good
743	04/16/21 11:00:00	10.94	13.12					10.57619362	101.4709333			-0.36	-3.33	Good
744	04/16/21 11:30:00	10.96	13.12					10.59575256	101.6585872			-0.36	-3.32	Good
745	04/16/21 12:00:00	11.02	13.12					10.65398377	102.2172735			-0.37	-3.32	Good
746	04/16/21 12:30:00	11.05	13.14					10.68321323	102.5434451			-0.37	-3.32	Good
747	04/16/21 13:00:00	11.09	13.16					10.72211218	102.9627259			-0.37	-3.32	Good
748	04/16/21 13:30:00	11.15	13.16					10.78034973	103.5219717			-0.37	-3.32	Good
749	04/16/21 14:00:00	11.19	13.16					10.81925236	103.8955475			-0.37	-3.31	Good
750	04/16/21 14:30:00	11.22	13.16					10.84848775	104.1762903			-0.37	-3.31	Good
751	04/16/21 15:00:00	11.22	13.16					10.8487171	104.1784927			-0.37	-3.31	Good
752	04/16/21 15:30:00	11.26	13.16					10.88762362	104.5521058			-0.37	-3.31	Good
753	04/16/21 16:00:00	11.29	13.16					10.91686228	104.8328799			-0.37	-3.31	Good
754	04/16/21 16:30:00	11.29	13.14					10.91709306	104.7883543			-0.37	-3.30	Good
755	04/16/21 17:00:00	11.29	13.12					10.91732384	104.7438312			-0.37	-3.30	Good
756	04/16/21 17:30:00	11.28	13.10					10.90788451	104.6065743			-0.37	-3.30	Good
757	04/16/21 18:00:00	11.32	13.08					10.94679635	104.9328833			-0.37	-3.30	Good
758	04/16/21 18:30:00	11.37	13.08					10.99538034	105.3985956			-0.37	-3.29	Good
759	04/16/21 19:00:00	11.38	13.08					11.00528347	105.4935243			-0.37	-3.29	Good
760	04/16/21 19:30:00	11.38	13.08					11.00551609	105.4957541			-0.37	-3.29	Good
761	04/16/21 20:00:00	11.37	13.06					10.99607758	105.3582175			-0.37	-3.29	Good
762	04/16/21 20:30:00	11.34	13.02					10.96729599	104.988585			-0.37	-3.29	Good
763	04/16/21 21:00:00	11.32	13.00					10.94818471	104.7587919			-0.37	-3.28	Good
764	04/16/21 21:30:00	11.29	13.00					10.91940086	104.4833709			-0.37	-3.28	Good
765	04/16/21 22:00:00	11.27	12.98					10.90028774	104.2538514			-0.37	-3.28	Good
766	04/16/21 22:30:00	11.23	12.94					10.8618295	103.7930998			-0.37	-3.28	Good
767	04/16/21 23:00:00	11.23	12.92					10.86205905	103.7488368			-0.37	-3.28	Good
768	04/16/21 23:30:00	11.21	12.90				10.738	10.84294348	103.5198844		10.382	-0.37	-3.27	Good
769	04/17/21 00:00:00	11.19	12.88	10.85	11.43	11.13021		10.82382709	103.2910922	10.771		-0.37	-3.27	Good
770	04/17/21 00:30:00	11.21	12.84					10.84340177	103.3851704			-0.37	-3.27	Good
771	04/17/21 01:00:00	11.17	12.80					10.80493821	102.9260693			-0.37	-3.27	Good
772	04/17/21 01:30:00	11.12	12.78					10.75679963	102.4215342			-0.36	-3.27	Good
773	04/17/21 02:00:00	11.06	12.76					10.69898542	101.8253294			-0.36	-3.26	Good
774	04/17/21 02:30:00	11.03	12.74					10.67019013	101.5056807			-0.36	-3.26	Good
775	04/17/21 03:00:00	10.99	12.70					10.63171962	101.0488609			-0.36	-3.26	Good
776	04/17/21 03:30:00	10.96	12.70					10.60292167	100.7751517			-0.36	-3.26	Good
777	04/17/21 04:00:00	10.94	12.68					10.5837969	100.5481677			-0.36	-3.26	Good
778	04/17/21 04:30:00	10.91	12.68					10.55499671	100.2745602			-0.36	-3.25	Good
779	04/17/21 05:00:00	10.87	12.68					10.51652047	99.90902831			-0.35	-3.25	Good
780	04/17/21 05:30:00	10.85	12.66					10.49739263	99.68247044			-0.35	-3.25	Good
781	04/17/21 06:00:00	10.87	12.60					10.51696486	99.73358384			-0.35	-3.25	Good
782	04/17/21 06:30:00	10.90	12.56					10.54621333	99.92089422			-0.35	-3.25	Good
783	04/17/21 07:00:00	10.90	12.54					10.54643614	99.87798286			-0.35	-3.24	Good
784	04/17/21 07:30:00	10.89	12.54					10.53698311	99.78845981			-0.35	-3.24	Good
785	04/17/21 08:00:00	10.90	12.54					10.54688176	99.88220299			-0.35	-3.24	Good
786	04/17/21 08:30:00	10.89	12.54					10.53742832	99.79267607			-0.35	-3.24	Good
787	04/17/21 09:00:00	10.91	12.54					10.55700382	99.97806204			-0.35	-3.24	Good
788	04/17/21 09:30:00	10.92	12.54					10.56690348	100.0718149			-0.35	-3.23	Good
789	04/17/21 10:00:00	10.95	12.54					10.59615727	100.3488572			-0.35	-3.23	Good
790	04/17/21 10:30:00	10.98	12.54					10.62541228	100.6259111			-0.35	-3.23	Good
791	04/17/21 11:00:00	11.00	12.56					10.64499125	100.8567731			-0.36	-3.23	Good
792	04/17/21 11:30:00	11.03	12.58					10.67424851	101.1795457			-0.36	-3.23	Good
793	04/17/21 12:00:00	11.07	12.58					10.71318467	101.5486155			-0.36	-3.22	Good
794	04/17/21 12:30:00	11.11	12.60					10.75212247	101.9636104			-0.36	-3.22	Good
795	04/17/21 13:00:00	11.16	12.60					10.80073998	102.4246559			-0.36	-3.22	Good
796	04/17/21 13:30:00	11.20	12.58					10.83968125	102.747657			-0.36	-3.22	Good
797	04/17/21 14:00:00	11.25	12.60					10.88830265	103.2550227			-0.36	-3.22	Good
798	04/17/21 14:30:00	11.32	12.64					10.95628348	103.9932691			-0.36	-3.21	Good
799	04/17/21 15:00:00	11.35	12.68					10.98555158	104.3649167			-0.36	-3.21	Good
800	04/17/21 15:30:00	11.37	12.68					11.00514179	104.5510277			-0.36	-3.21	Good
801	04/17/21 16:00:00	11.38	12.68					11.01505352	104.645191			-0.36	-3.21	Good
802	04/17/21 16:30:00	11.39	12.68					11.02496565	104.7393582			-0.37	-3.20	Good
803	04/17/21 17:00:00	11.39	12.66					11.02519847	104.694476			-0.36	-3.20	Good

804	04/17/21 17:30:00	11.43	12.66					11.06415099	105.0643662			-0.37	-3.20	Good
805	04/17/21 18:00:00	11.41	12.62					11.04502438	104.7883976			-0.36	-3.20	Good
806	04/17/21 18:30:00	11.41	12.58					11.04525761	104.6962834			-0.36	-3.20	Good
807	04/17/21 19:00:00	11.40	12.56					11.03581031	104.5596177			-0.36	-3.19	Good
808	04/17/21 19:30:00	11.40	12.54					11.03604334	104.5147131			-0.36	-3.19	Good
809	04/17/21 20:00:00	11.38	12.56					11.01691448	104.3805877			-0.36	-3.19	Good
810	04/17/21 20:30:00	11.34	12.58					10.9784225	104.0627638			-0.36	-3.19	Good
811	04/17/21 21:00:00	11.32	12.62					10.9592916	103.9750177			-0.36	-3.19	Good
812	04/17/21 21:30:00	11.28	12.64					10.92079676	103.6564414			-0.36	-3.18	Good
813	04/17/21 22:00:00	11.21	12.68					10.853255	103.1080731			-0.36	-3.18	Good
814	04/17/21 22:30:00	11.14	12.68					10.78571039	102.4663858			-0.35	-3.18	Good
815	04/17/21 23:00:00	11.07	12.66					10.71816291	101.7788887			-0.35	-3.18	Good
816	04/17/21 23:30:00	11.03	12.64				10.762	10.67965969	101.3676514		10.406	-0.35	-3.18	Good
817	04/18/21 00:00:00	10.99	12.62	10.65	11.27	10.88167		10.64115484	100.9567318	10.542		-0.35	-3.17	Good
818	04/18/21 00:30:00	10.97	12.60					10.62201392	100.7297761			-0.35	-3.17	Good
819	04/18/21 01:00:00	10.92	12.56					10.57382321	100.1824861			-0.35	-3.17	Good
820	04/18/21 01:30:00	10.92	12.56					10.57404643	100.184601			-0.35	-3.17	Good
821	04/18/21 02:00:00	10.91	12.52					10.56458625	100.0047746			-0.35	-3.17	Good
822	04/18/21 02:30:00	10.89	12.48					10.54544206	99.7335411			-0.34	-3.16	Good
823	04/18/21 03:00:00	10.88	12.46					10.53598086	99.59910191			-0.34	-3.16	Good
824	04/18/21 03:30:00	10.85	12.42					10.50715123	99.23690839			-0.34	-3.16	Good
825	04/18/21 04:00:00	10.83	12.40					10.48800458	99.01133233			-0.34	-3.16	Good
826	04/18/21 04:30:00	10.81	12.36					10.46885712	98.74126525			-0.34	-3.16	Good
827	04/18/21 05:00:00	10.79	12.32					10.44970884	98.47153499			-0.34	-3.15	Good
828	04/18/21 05:30:00	10.77	12.28					10.43055975	98.20214151			-0.34	-3.15	Good
829	04/18/21 06:00:00	10.74	12.22					10.4017248	97.79765058			-0.34	-3.15	Good
830	04/18/21 06:30:00	10.72	12.16					10.38257387	97.48486306			-0.34	-3.15	Good
831	04/18/21 07:00:00	10.69	12.08					10.35373667	97.03768426			-0.34	-3.15	Good
832	04/18/21 07:30:00	10.70	12.04					10.36364083	97.04224168			-0.34	-3.14	Good
833	04/18/21 08:00:00	10.68	12.02					10.34448785	96.81885342			-0.34	-3.14	Good
834	04/18/21 08:30:00	10.67	12.02					10.33502011	96.73024043			-0.33	-3.14	Good
835	04/18/21 09:00:00	10.66	12.02					10.32555196	96.64162361			-0.33	-3.14	Good
836	04/18/21 09:30:00	10.65	12.02					10.3160834	96.55300296			-0.33	-3.14	Good
837	04/18/21 10:00:00	10.66	12.02					10.32598776	96.64570251			-0.33	-3.13	Good
838	04/18/21 10:30:00	10.67	12.00					10.33589254	96.69440186			-0.33	-3.13	Good
839	04/18/21 11:00:00	10.70	12.02					10.36517187	97.01244475			-0.33	-3.13	Good
840	04/18/21 11:30:00	10.72	12.06					10.38476515	97.28426502			-0.34	-3.13	Good
841	04/18/21 12:00:00	10.71	12.08					10.3752968	97.2397509			-0.33	-3.13	Good
842	04/18/21 12:30:00	10.75	12.10					10.41426648	97.64933975			-0.34	-3.12	Good
843	04/18/21 13:00:00	10.78	12.14					10.44354991	98.01289006			-0.34	-3.12	Good
844	04/18/21 13:30:00	10.80	12.16					10.46314646	98.24138146			-0.34	-3.12	Good
845	04/18/21 14:00:00	10.81	12.18					10.47305553	98.37904459			-0.34	-3.12	Good
846	04/18/21 14:30:00	10.82	12.16					10.482965	98.42746325			-0.34	-3.11	Good
847	04/18/21 15:00:00	10.85	12.20					10.51225231	98.79203675			-0.34	-3.11	Good
848	04/18/21 15:30:00	10.86	12.24					10.52216301	98.97486493			-0.34	-3.11	Good
849	04/18/21 16:00:00	10.87	12.28					10.53207412	99.15788399			-0.34	-3.11	Good
850	04/18/21 16:30:00	10.89	12.30					10.55167497	99.38740929			-0.34	-3.11	Good
851	04/18/21 17:00:00	10.90	12.34					10.5615871	99.57084348			-0.34	-3.10	Good
852	04/18/21 17:30:00	10.94	12.38					10.60056885	100.0287706			-0.34	-3.10	Good
853	04/18/21 18:00:00	10.96	12.42					10.62017235	100.3043592			-0.34	-3.10	Good
854	04/18/21 18:30:00	10.99	12.46					10.64946681	100.6719113			-0.34	-3.10	Good
855	04/18/21 19:00:00	11.03	12.52					10.68845285	101.1773005			-0.34	-3.10	Good
856	04/18/21 19:30:00	11.05	12.56					10.70805942	101.4543172			-0.34	-3.09	Good
857	04/18/21 20:00:00	11.07	12.60					10.7276668	101.7316945			-0.34	-3.09	Good
858	04/18/21 20:30:00	11.11	12.64					10.76665693	102.1933992			-0.34	-3.09	Good
859	04/18/21 21:00:00	11.16	12.70					10.81533985	102.7940739			-0.34	-3.09	Good
860	04/18/21 21:30:00	11.19	12.74					10.84464208	103.1652447			-0.35	-3.09	Good
861	04/18/21 22:00:00	11.21	12.80					10.86425397	103.4911014			-0.35	-3.08	Good
862	04/18/21 22:30:00	11.24	12.84					10.89355844	103.8633835			-0.35	-3.08	Good
863	04/18/21 23:00:00	11.27	12.86					10.92286415	104.1894937			-0.35	-3.08	Good
864	04/18/21 23:30:00	11.27	12.86				10.756	10.92309452	104.1916911		10.401	-0.35	-3.08	Good
865	04/19/21 00:00:00	11.28	12.88	11.09	11.70	11.31000		10.93301728	104.3330873	10.968		-0.35	-3.08	Good
866	04/19/21 00:30:00	11.28	12.86					10.93324786	104.2885404			-0.35	-3.07	Good
867	04/19/21 01:00:00	11.26	12.86					10.91409284	104.1058271			-0.35	-3.07	Good
868	04/19/21 01:30:00	11.27	12.84					10.92401601	104.1537776			-0.35	-3.07	Good
869	04/19/21 02:00:00	11.27	12.84					10.92424638	104.1559741			-0.35	-3.07	Good
870	04/19/21 02:30:00	11.28	12.82					10.93417016	104.2038492			-0.35	-3.07	Good
871	04/19/21 03:00:00	11.28	12.80					10.93440074	104.1593081			-0.35	-3.06	Good
872	04/19/21 03:30:00	11.27	12.80					10.92493749	104.0691628			-0.35	-3.06	Good
873	04/19/21 04:00:00	11.27	12.78					10.92516787	104.0246628			-0.34	-3.06	Good
874	04/19/21 04:30:00	11.26	12.74					10.91570401	103.8412579			-0.34	-3.06	Good
875	04/19/21 05:00:00	11.25	12.72					10.90623974	103.7046244			-0.34	-3.06	Good
876	04/19/21 05:30:00	11.24	12.70					10.89677506	103.5680724			-0.34	-3.05	Good
877	04/19/21 06:00:00	11.21	12.66					10.86792029	103.2009738			-0.34	-3.05	Good
878	04/19/21 06:30:00	11.21	12.64					10.86814943	103.1567311			-0.34	-3.05	Good
879	04/19/21 07:00:00	11.20	12.60					10.85868332	102.9741392			-0.34	-3.05	Good
880	04/19/21 07:30:00	11.18	12.56					10.83952135	102.6998632			-0.34	-3.05	Good
881	04/19/21 08:00:00	11.16	12.48					10.82035856	102.3335645			-0.34	-3.04	Good
882	04/19/21 08:30:00	11.15	12.44					10.81089081	102.1517619			-0.34	-3.04	Good
883	04/19/21 09:00:00	11.14	12.40					10.80142266	101.9701355			-0.34	-3.04	Good
884	04/19/21 09:30:00	11.14	12.36					10.80165038	101.8801396			-0.34	-3.04	Good
885	04/19/21 10:00:00	11.09	12.34					10.75339569	101.3791459			-0.34	-3.04	Good
886	04/19/21 10:30:00	11.10	12.34					10.76331907	101.4726999			-0.34	-3.03	Good
887	04/19/21 11:00:00	11.15	12.34					10.81203041	101.9319329			-0.34	-3.03	Good
888	04/19/21 11:30:00	11.10	12.36					10.76377286	101.5228825			-0.34	-3.03	Good
889	04/19/21 12:00:00	11.11	12.38					10.77369706	101.6624378			-0.34	-3.03	Good
890	04/19/21 12:30:00	11.16	12.40					10.82241166	102.1682808			-0.34	-3.02	Good
891	04/19/21 13:00:00	11.15	12.44					10.81294208	102.1711443			-0.34	-3.02	Good
892	04/19/21 13:30:00	11.18	12.48					10.84226373	102.5407327			-0.34	-3.02	Good
893	04/19/21 14:00:00	11.18	12.50					10.84249226	102.5891664			-0.34	-3.02	Good
894	04/19/21 14:30:00	11.19	12.50					10.85241911	102.683092			-0.34	-3.02	Good
895	04/19/21 15:00:00	11.22	12.54					10.88174342	103.0534456			-0.34	-3.01	Good
896	04/19/21 15:30:00	11.25	12.56					10.91106895	103.3777463			-0.34	-3.01	Good
897	04/19/21 16:00:00	11.26	12.58					10.92099785	103.5184444			-0.34	-3.01	Good
898	04/19/21 16:30:00	11.29	12.62					10.95032543	103.8899522			-0.34	-3.01	Good
899	04/19/21 17:00:00	11.38	12.66					11.03785028	104.8146166			-0.34	-3.01	Good
900	04/19/21 17:30:00	11.43	12.70					11.08658063	105.3720737			-0.34	-3.00	Good
901	04/19/21 18:00:00	11.44	12.72					11.09651402	105.5138935			-0.34	-3.00	Good
902	04/19/21 18:30:00	11.50	12.74					11.15494759	106.1171857			-0.35	-3.00	Good
903	04/19/21 19:00:00	11.51	12.76					11.16488282	106.2594093			-0.35	-3.00	Good
904	04/19/21 19:30:00	11.51	12.78					11.1651181	106.3093638			-0.34	-3.00	Good
905	04/19/21 20:00:00	11.54	12.80					11.19445508	106.6365431			-0.35	-2.99	Good
906	04/19/21 20:30:00	11.56	12.82					11.21409251	106.8715401			-0.35	-2.99	Good
907	04/19/21 21:00:00	11.60	12.86					11.25313272	107.3398135			-0.35	-2.99	Good
908	04/19/21 21:30:00	11.64	12.92					11.29217456	107.8570803			-0.35	-2.99	Good
909	04/19/21 22:00:00	11.66	12.96					11.31181527	108.1414432			-0.35	-2.99	Good
910	04/19/21 22:30:00	11.69	13.00					11.34115838	108.5189995			-0.35	-2.98	Good
911	04/19/21 23:00:00	11.69	13.04					11.34139734	108.6183418			-0.35	-2.98	Good
912	04/19/21 23:30:00	11.70	13.08				10.821	11.35133829	108.8107076		10.466	-0.35	-2.98	Good
913	04/20/21 00:00:00	11.70	13.10	11.53	12.01	11.66854		11.35157745	108.861588	11.357		-0.35	-2.98	Good
914	04/20/21 00:30:00	11.70	13.12					11.35181661	108.9124753			-0.35	-2.98	Good
915	04/20/21 01:00:00	11.68	13.12					11.33265055	108.7285908			-0.35	-2.97	Good
916	04/20/21 01:30:00	11.68	13.14					11.3328893	108.7793988			-0.35	-2.97	Good
917	04/20/21 02:00:00	11.67	13.14					11.32342503	108.6885554			-0.35	-2.97	Good
918	04/20/21 02:30:00	11.70	13.14					11.35277326	108.970256			-0.35	-2.97	Good
919	04/20/21 03:00:00	11.68	13.14					11.33360556	108.7862738			-0.35	-2.97	Good

920	04/20/21 03:30:00	11.68	13.14					11.33384431	108.7885655			-0.35	-2.96	Good
921	04/20/21 04:00:00	11.67	13.14					11.32437923	108.6977143			-0.35	-2.96	Good
922	04/20/21 04:30:00	11.65	13.14					11.30520969	108.5137144			-0.34	-2.96	Good
923	04/20/21 05:00:00	11.66	13.14					11.31515208	108.6091469			-0.34	-2.96	Good
924	04/20/21 05:30:00	11.61	13.14					11.26686816	108.145691			-0.34	-2.96	Good
925	04/20/21 06:00:00	11.62	13.12					11.27681014	108.1928424			-0.34	-2.95	Good
926	04/20/21 06:30:00	11.61	13.12					11.2673428	108.1020101			-0.34	-2.95	Good
927	04/20/21 07:00:00	11.60	13.12					11.25787506	108.011174			-0.34	-2.95	Good
928	04/20/21 07:30:00	11.59	13.10					11.24840691	107.8721829			-0.34	-2.95	Good
929	04/20/21 08:00:00	11.60	13.10					11.2583493	107.9675303			-0.34	-2.95	Good
930	04/20/21 08:30:00	11.58	13.10					11.23917506	107.7836495			-0.34	-2.94	Good
931	04/20/21 09:00:00	11.56	13.08					11.22	107.551736			-0.34	-2.94	Good
932	04/20/21 09:30:00	11.53	13.18					11.24	107.5642814			-0.29	-2.52	Excellent
933	04/20/21 10:00:00	11.56	13.08					11.26954206	107.6067415			-0.29	-2.51	Excellent
934	04/20/21 10:30:00	11.58	13.08					11.28933665	107.7957494			-0.29	-2.51	Excellent
935	04/20/21 11:00:00	11.56	13.08					11.27013527	107.6124058			-0.29	-2.51	Excellent
936	04/20/21 11:30:00	11.59	13.10					11.29968041	107.9426856			-0.29	-2.50	Excellent
937	04/20/21 12:00:00	11.57	13.12					11.28047825	107.807345			-0.29	-2.50	Excellent
938	04/20/21 12:30:00	11.62	13.12					11.32952523	108.2760861			-0.29	-2.50	Excellent
939	04/20/21 13:00:00	11.62	13.14					11.32982338	108.3272426			-0.29	-2.50	Excellent
940	04/20/21 13:30:00	11.64	13.16					11.34962259	108.5649441			-0.29	-2.49	Excellent
941	04/20/21 14:00:00	11.65	13.18					11.35967205	108.709516			-0.29	-2.49	Excellent
942	04/20/21 14:30:00	11.68	13.22					11.38922411	109.0894762			-0.29	-2.49	Excellent
943	04/20/21 15:00:00	11.58	13.24					11.29201075	108.206506			-0.29	-2.49	Excellent
944	04/20/21 15:30:00	11.62	13.24					11.33131412	108.5831333			-0.29	-2.48	Excellent
945	04/20/21 16:00:00	11.62	13.26					11.33161226	108.634333			-0.29	-2.48	Excellent
946	04/20/21 16:30:00	11.62	13.30					11.33191041	108.7338931			-0.29	-2.48	Excellent
947	04/20/21 17:00:00	11.63	13.32					11.34196089	108.8787319			-0.29	-2.48	Excellent
948	04/20/21 17:30:00	11.63	13.36					11.34225929	108.9784143			-0.29	-2.47	Excellent
949	04/20/21 18:00:00	11.65	13.38					11.36206339	109.2171959			-0.29	-2.47	Excellent
950	04/20/21 18:30:00	11.64	13.42					11.3526092	109.223252			-0.29	-2.47	Excellent
951	04/20/21 19:00:00	11.72	13.46					11.43093472	110.0744418			-0.29	-2.47	Excellent
952	04/20/21 19:30:00	11.69	13.48					11.4019746	109.8442635			-0.29	-2.46	Excellent
953	04/20/21 20:00:00	11.71	13.50					11.42178228	110.0838698			-0.29	-2.46	Excellent
954	04/20/21 20:30:00	11.73	13.54					11.44159099	110.3725368			-0.29	-2.46	Excellent
955	04/20/21 21:00:00	11.78	13.56					11.49066388	110.895015			-0.29	-2.46	Excellent
956	04/20/21 21:30:00	11.81	13.60					11.52023005	111.2788037			-0.29	-2.45	Excellent
957	04/20/21 22:00:00	11.89	13.64					11.59857225	112.1346817			-0.29	-2.45	Excellent
958	04/20/21 22:30:00	11.94	13.68					11.64765309	112.7087697			-0.29	-2.45	Excellent
959	04/20/21 23:00:00	11.98	13.70					11.68698109	113.1392909			-0.29	-2.45	Excellent
960	04/20/21 23:30:00	12.01	13.72				10.975	11.71655548	113.4756887		10.626	-0.29	-2.44	Excellent
961	04/21/21 00:00:00	12.02	13.74	11.35	12.05	11.58104		11.72661955	113.6233019	11.305		-0.29	-2.44	Excellent
962	04/21/21 00:30:00	12.03	13.74					11.73668414	113.7208212			-0.29	-2.44	Excellent
963	04/21/21 01:00:00	12.05	13.76					11.75650568	113.9631534			-0.29	-2.44	Excellent
964	04/21/21 01:30:00	11.99	13.78					11.69827471	113.4487142			-0.29	-2.43	Excellent
965	04/21/21 02:00:00	11.95	13.78					11.65955455	113.07321			-0.29	-2.43	Excellent
966	04/21/21 02:30:00	11.92	13.78					11.63058955	112.7923102			-0.29	-2.43	Excellent
967	04/21/21 03:00:00	11.88	13.78					11.59186554	112.4167687			-0.29	-2.43	Excellent
968	04/21/21 03:30:00	11.87	13.78					11.58241264	112.3250954			-0.29	-2.42	Excellent
969	04/21/21 04:00:00	11.84	13.78					11.55344328	112.0441533			-0.29	-2.42	Excellent
970	04/21/21 04:30:00	11.81	13.78					11.52447238	111.7631964			-0.29	-2.42	Excellent
971	04/21/21 05:00:00	11.78	13.76					11.49549993	111.4330616			-0.28	-2.42	Excellent
972	04/21/21 05:30:00	11.74	13.76					11.4567672	111.0576011			-0.28	-2.41	Excellent
973	04/21/21 06:00:00	11.72	13.74					11.43755043	110.8224104			-0.28	-2.41	Excellent
974	04/21/21 06:30:00	11.68	13.74					11.3988141	110.4470807			-0.28	-2.41	Excellent
975	04/21/21 07:00:00	11.65	13.72					11.36983525	110.1176781			-0.28	-2.40	Excellent
976	04/21/21 07:30:00	11.64	13.72					11.36037439	110.0260491			-0.28	-2.40	Excellent
977	04/21/21 08:00:00	11.63	13.70					11.35091302	109.8858842			-0.28	-2.40	Excellent
978	04/21/21 08:30:00	11.64	13.70					11.36097171	109.9832603			-0.28	-2.40	Excellent
979	04/21/21 09:00:00	11.62	13.72					11.34174929	109.8456636			-0.28	-2.39	Excellent
980	04/21/21 09:30:00	11.56	13.72					11.28348265	109.281347			-0.28	-2.39	Excellent
981	04/21/21 10:00:00	11.55	13.70					11.27401821	109.1414811			-0.28	-2.39	Excellent
982	04/21/21 10:30:00	11.53	13.70					11.25479193	108.9553554			-0.28	-2.39	Excellent
983	04/21/21 11:00:00	11.51	13.72					11.23556464	108.8172575			-0.27	-2.38	Excellent
984	04/21/21 11:30:00	11.50	13.70					11.22609814	108.6775766			-0.27	-2.38	Excellent
985	04/21/21 12:00:00	11.50	13.70					11.22639321	108.6804331			-0.27	-2.38	Excellent
986	04/21/21 12:30:00	11.47	13.68					11.19740126	108.351898			-0.27	-2.38	Excellent
987	04/21/21 13:00:00	11.42	13.66					11.14888259	107.8347479			-0.27	-2.37	Excellent
988	04/21/21 13:30:00	11.38	13.64					11.1101242	107.4123793			-0.27	-2.37	Excellent
989	04/21/21 14:00:00	11.41	13.64					11.13970552	107.6983706			-0.27	-2.37	Excellent
990	04/21/21 14:30:00	11.41	13.66					11.13999828	107.7488166			-0.27	-2.37	Excellent
991	04/21/21 15:00:00	11.40	13.66					11.13052742	107.6572121			-0.27	-2.36	Excellent
992	04/21/21 15:30:00	11.39	13.66					11.12105604	107.5656027			-0.27	-2.36	Excellent
993	04/21/21 16:00:00	11.43	13.68					11.16040482	107.9939011			-0.27	-2.36	Excellent
994	04/21/21 16:30:00	11.45	13.70					11.18022688	108.2335062			-0.27	-2.36	Excellent
995	04/21/21 17:00:00	11.42	13.70					11.15122672	107.9527616			-0.27	-2.35	Excellent
996	04/21/21 17:30:00	11.37	13.66					11.10269522	107.3880123			-0.27	-2.35	Excellent
997	04/21/21 18:00:00	11.35	13.62					11.08345663	107.1071885			-0.27	-2.35	Excellent
998	04/21/21 18:30:00	11.37	13.60					11.10327869	107.2512931			-0.27	-2.35	Excellent
999	04/21/21 19:00:00	11.39	13.60					11.12310177	107.4427726			-0.27	-2.34	Excellent
1000	04/21/21 19:30:00	11.39	13.60					11.12339401	107.4455956			-0.27	-2.34	Excellent
1001	04/21/21 20:00:00	11.38	13.64					11.11392007	107.4490777			-0.27	-2.34	Excellent
1002	04/21/21 20:30:00	11.42	13.64					11.15327784	107.8295874			-0.27	-2.34	Excellent
1003	04/21/21 21:00:00	11.40	13.66					11.13403745	107.6911621			-0.27	-2.33	Excellent
1004	04/21/21 21:30:00	11.41	13.68					11.14409691	107.8360973			-0.27	-2.33	Excellent
1005	04/21/21 22:00:00	11.40	13.66					11.13462246	107.6968204			-0.27	-2.33	Excellent
1006	04/21/21 22:30:00	11.40	13.66					11.13491496	107.6996496			-0.27	-2.33	Excellent
1007	04/21/21 23:00:00	11.39	13.68					11.12543974	107.6555607			-0.26	-2.32	Excellent
1008	04/21/21 23:30:00	11.43	13.68				11.149	11.16480392	108.0364691		10.813	-0.27	-2.32	Excellent
1009	04/22/21 00:00:00	11.41	13.68	11.09	11.41	11.26146		11.14556071	107.8502618	11.007		-0.26	-2.32	Excellent
1010	04/22/21 00:30:00	11.41	13.66					11.14585347	107.8054495			-0.26	-2.32	Excellent
1011	04/22/21 01:00:00	11.40	13.64					11.13637748	107.6661952			-0.26	-2.31	Excellent
1012	04/22/21 01:30:00	11.39	13.62					11.12690097	107.5270215			-0.26	-2.31	Excellent
1013	04/22/21 02:00:00	11.39	13.60					11.12719322	107.4822937			-0.26	-2.31	Excellent
1014	04/22/21 02:30:00	11.40	13.58					11.13725499	107.5318942			-0.26	-2.30	Excellent
1015	04/22/21 03:00:00	11.39	13.56					11.12777771	107.3928442			-0.26	-2.30	Excellent
1016	04/22/21 03:30:00	11.35	13.54					11.08898982	106.9711317			-0.26	-2.30	Excellent
1017	04/22/21 04:00:00	11.36	13.52					11.09905133	107.0207774			-0.26	-2.30	Excellent
1018	04/22/21 04:30:00	11.35	13.52					11.08957226	106.929377			-0.26	-2.29	Excellent
1019	04/22/21 05:00:00	11.33	13.50					11.07032187	106.6964718			-0.26	-2.29	Excellent
1020	04/22/21 05:30:00	11.31	13.48					11.05107045	106.4637256			-0.26	-2.29	Excellent
1021	04/22/21 06:00:00	11.30	13.46					11.04158933	106.3252316			-0.26	-2.29	Excellent
1022	04/22/21 06:30:00	11.27	13.44					11.01256454	105.9987103			-0.26	-2.28	Excellent
1023	04/22/21 07:00:00	11.25	13.44					10.99331005	105.813381			-0.26	-2.28	Excellent
1024	04/22/21 07:30:00	11.23	13.40					10.97405453	105.5343311			-0.26	-2.28	Excellent
1025	04/22/21 08:00:00	11.20	13.40					10.94502564	105.2551686			-0.25	-2.28	Excellent
1026	04/22/21 08:30:00	11.20	13.38					10.94531301	105.2112063			-0.25	-2.27	Excellent
1027	04/22/21 09:00:00	11.20	13.36					10.94560038	105.167246			-0.25	-2.27	Excellent
1028	04/22/21 09:30:00	11.19	13.34					10.93611464	105.0294276			-0.25	-2.27	Excellent
1029	04/22/21 10:00:00	11.17	13.30					10.91685501	104.7512822			-0.25	-2.27	Excellent
1030	04/22/21 10:30:00	11.14	13.30					10.88782073	104.4726875			-0.25	-2.26	Excellent
1031	04/22/21 11:00:00	11.10	13.26					10.84901103	104.0077131			-0.25	-2.26	Excellent
1032	04/22/21 11:30:00	11.09	13.24					10.83952169	103.870497			-0.25	-2.26	Excellent
1033	04/22/21 12:00:00	11.09	13.24					10.83980624	103.8732237			-0.25	-2.26	Excellent
1034	04/22/21 12:30:00	11.14	13.22					10.88896406	104.2978323			-0.25	-2.25	Excellent
1035	04/22/21 13:00:00	11.18	13.20					10.92834953	104.6284651			-0.25	-2.25	Excellent

1036	04/22/21 13:30:00	11.17	13.18					10.91886122	104.4910552			-0.25	-2.25	Excellent
1037	04/22/21 14:00:00	11.15	13.12					10.89959698	104.1672689			-0.25	-2.25	Excellent
1038	04/22/21 14:30:00	11.19	13.10					10.93898578	104.4970708			-0.25	-2.24	Excellent
1039	04/22/21 15:00:00	11.22	13.06					10.96860071	104.6864624			-0.25	-2.24	Excellent
1040	04/22/21 15:30:00	11.24	13.02					10.98844098	104.7821593			-0.25	-2.24	Excellent
1041	04/22/21 16:00:00	11.24	12.98					10.98872938	104.6912625			-0.25	-2.24	Excellent
1042	04/22/21 16:30:00	11.25	12.92					10.99879448	104.6465894			-0.25	-2.23	Excellent
1043	04/22/21 17:00:00	11.25	12.88					10.99908314	104.5556462			-0.25	-2.23	Excellent
1044	04/22/21 17:30:00	11.25	12.82					10.99937179	104.4178864			-0.25	-2.23	Excellent
1045	04/22/21 18:00:00	11.27	12.76					11.0192154	104.4655472			-0.25	-2.23	Excellent
1046	04/22/21 18:30:00	11.26	12.70					11.00972683	104.2350392			-0.25	-2.22	Excellent
1047	04/22/21 19:00:00	11.27	12.64					11.01979373	104.1897074			-0.25	-2.22	Excellent
1048	04/22/21 19:30:00	11.28	12.60					11.02986115	104.1910696			-0.25	-2.22	Excellent
1049	04/22/21 20:00:00	11.28	12.56					11.03015057	104.0999967			-0.25	-2.21	Excellent
1050	04/22/21 20:30:00	11.28	12.54					11.03043999	104.0558305			-0.25	-2.21	Excellent
1051	04/22/21 21:00:00	11.31	12.54					11.06006646	104.3353123			-0.25	-2.21	Excellent
1052	04/22/21 21:30:00	11.32	12.54					11.07013593	104.4303027			-0.25	-2.21	Excellent
1053	04/22/21 22:00:00	11.30	12.56					11.05086732	104.2955166			-0.25	-2.20	Excellent
1054	04/22/21 22:30:00	11.26	12.58					11.01203812	103.9758797			-0.25	-2.20	Excellent
1055	04/22/21 23:00:00	11.26	12.56					11.01232703	103.9317823			-0.25	-2.20	Excellent
1056	04/22/21 23:30:00	11.26	12.56				11.257	11.01261594	103.9345089		10.936	-0.25	-2.20	Excellent
1057	04/23/21 00:00:00	11.27	12.56	11.20	11.87	11.39438		11.02268541	104.0295422	11.151		-0.25	-2.19	Excellent
1058	04/23/21 00:30:00	11.27	12.56					11.02297458	104.0322713			-0.25	-2.19	Excellent
1059	04/23/21 01:00:00	11.26	12.56					11.01348267	103.942689			-0.25	-2.19	Excellent
1060	04/23/21 01:30:00	11.26	12.54					11.01377159	103.8985888			-0.25	-2.19	Excellent
1061	04/23/21 02:00:00	11.25	12.54					11.00427892	103.8090395			-0.25	-2.18	Excellent
1062	04/23/21 02:30:00	11.23	12.54					10.98500389	103.6272083			-0.24	-2.18	Excellent
1063	04/23/21 03:00:00	11.23	12.54					10.98529204	103.6299265			-0.24	-2.18	Excellent
1064	04/23/21 03:30:00	11.24	12.54					10.99536253	103.7249266			-0.24	-2.18	Excellent
1065	04/23/21 04:00:00	11.26	12.54					11.01521614	103.912216			-0.24	-2.17	Excellent
1066	04/23/21 04:30:00	11.26	12.54					11.01550505	103.9149415			-0.24	-2.17	Excellent
1067	04/23/21 05:00:00	11.26	12.54					11.01579396	103.9176669			-0.24	-2.17	Excellent
1068	04/23/21 05:30:00	11.24	12.54					10.99651612	103.7358091			-0.24	-2.17	Excellent
1069	04/23/21 06:00:00	11.22	12.50					10.97723725	103.4606123			-0.24	-2.16	Excellent
1070	04/23/21 06:30:00	11.20	12.48					10.95795735	103.2323233			-0.24	-2.16	Excellent
1071	04/23/21 07:00:00	11.22	12.44					10.97781302	103.3260725			-0.24	-2.16	Excellent
1072	04/23/21 07:30:00	11.21	12.40					10.9683165	103.1434817			-0.24	-2.16	Excellent
1073	04/23/21 08:00:00	11.21	12.36					10.96860413	103.0529956			-0.24	-2.15	Excellent
1074	04/23/21 08:30:00	11.21	12.34					10.96889176	103.0091082			-0.24	-2.15	Excellent
1075	04/23/21 09:00:00	11.26	12.32					11.01810525	103.4244791			-0.24	-2.15	Excellent
1076	04/23/21 09:30:00	11.37	12.34					11.12603389	104.4848335			-0.24	-2.15	Excellent
1077	04/23/21 10:00:00	11.32	12.32					11.07739719	103.9810393			-0.24	-2.14	Excellent
1078	04/23/21 10:30:00	11.34	12.28					11.09725953	104.0732362			-0.24	-2.14	Excellent
1079	04/23/21 11:00:00	11.29	12.28					11.04861949	103.6170762			-0.24	-2.14	Excellent
1080	04/23/21 11:30:00	11.29	12.28					11.04890917	103.6197929			-0.24	-2.14	Excellent
1081	04/23/21 12:00:00	11.26	12.26					11.01983872	103.3003745			-0.24	-2.13	Excellent
1082	04/23/21 12:30:00	11.30	12.26					11.05927551	103.6700564			-0.24	-2.13	Excellent
1083	04/23/21 13:00:00	11.29	12.20					11.04977822	103.4403132			-0.24	-2.13	Excellent
1084	04/23/21 13:30:00	11.32	12.20					11.07943035	103.7178957			-0.24	-2.13	Excellent
1085	04/23/21 14:00:00	11.37	12.20					11.12865949	104.1787446			-0.24	-2.12	Excellent
1086	04/23/21 14:30:00	11.41	12.20					11.16810321	104.5479892			-0.24	-2.12	Excellent
1087	04/23/21 15:00:00	11.49	12.22					11.24670199	105.3315123			-0.24	-2.12	Excellent
1088	04/23/21 15:30:00	11.54	12.22					11.29593934	105.7926471			-0.24	-2.11	Excellent
1089	04/23/21 16:00:00	11.54	12.22					11.29623544	105.7954202			-0.24	-2.11	Excellent
1090	04/23/21 16:30:00	11.55	12.22					11.30632056	105.8898728			-0.24	-2.11	Excellent
1091	04/23/21 17:00:00	11.59	12.22					11.34577402	106.2593761			-0.24	-2.11	Excellent
1092	04/23/21 17:30:00	11.57	12.24					11.32649233	106.1268723			-0.24	-2.10	Excellent
1093	04/23/21 18:00:00	11.55	12.22					11.30720961	105.8981993			-0.24	-2.10	Excellent
1094	04/23/21 18:30:00	11.54	12.20					11.29771592	105.7613329			-0.24	-2.10	Excellent
1095	04/23/21 19:00:00	11.55	12.18					11.30780232	105.807764			-0.24	-2.10	Excellent
1096	04/23/21 19:30:00	11.54	12.16					11.29830811	105.6709805			-0.24	-2.09	Excellent
1097	04/23/21 20:00:00	11.52	12.18					11.27902257	105.5384702			-0.24	-2.09	Excellent
1098	04/23/21 20:30:00	11.54	12.20					11.2989003	105.7724202			-0.24	-2.09	Excellent
1099	04/23/21 21:00:00	11.55	12.22					11.30898772	105.9148523			-0.24	-2.09	Excellent
1100	04/23/21 21:30:00	11.61	12.22					11.3680336	106.4678492			-0.24	-2.08	Excellent
1101	04/23/21 22:00:00	11.68	12.16					11.43687441	106.9669654			-0.24	-2.08	Excellent
1102	04/23/21 22:30:00	11.74	12.10					11.4959267	107.3729473			-0.24	-2.08	Excellent
1103	04/23/21 23:00:00	11.84	12.02					11.5941515	108.0936804			-0.25	-2.08	Excellent
1104	04/23/21 23:30:00	11.87	11.98				11.318	11.62383314	108.2718365		11.014	-0.25	-2.07	Excellent
1105	04/24/21 00:00:00	11.89	11.94	11.72	12.45	12.07604		11.64372344	108.3583896	11.833		-0.25	-2.07	Excellent
1106	04/24/21 00:30:00	11.91	11.90					11.66361477	108.444635			-0.25	-2.07	Excellent
1107	04/24/21 01:00:00	11.90	11.88					11.65412698	108.307035			-0.25	-2.07	Excellent
1108	04/24/21 01:30:00	11.86	11.86					11.61525775	107.8965901			-0.24	-2.06	Excellent
1109	04/24/21 02:00:00	11.76	11.84					11.51762308	106.9408439			-0.24	-2.06	Excellent
1110	04/24/21 02:30:00	11.84	11.84					11.59627805	107.6711533			-0.24	-2.06	Excellent
1111	04/24/21 03:00:00	11.75	11.82					11.50843215	106.8067532			-0.24	-2.06	Excellent
1112	04/24/21 03:30:00	11.76	11.82					11.5185283	106.9004529			-0.24	-2.05	Excellent
1113	04/24/21 04:00:00	11.79	11.80					11.54821481	107.127049			-0.24	-2.05	Excellent
1114	04/24/21 04:30:00	11.76	11.80					11.51913178	106.8572602			-0.24	-2.05	Excellent
1115	04/24/21 05:00:00	11.72	11.82					11.48025178	106.5452185			-0.24	-2.05	Excellent
1116	04/24/21 05:30:00	11.75	11.80					11.50993957	106.7719886			-0.24	-2.04	Excellent
1117	04/24/21 06:00:00	11.75	11.80					11.51024105	106.7747853			-0.24	-2.04	Excellent
1118	04/24/21 06:30:00	11.77	11.78					11.53013495	106.910496			-0.24	-2.04	Excellent
1119	04/24/21 07:00:00	11.82	11.76					11.57941926	107.3184345			-0.24	-2.04	Excellent
1120	04/24/21 07:30:00	11.83	11.74					11.58951926	107.3629651			-0.24	-2.03	Excellent
1121	04/24/21 08:00:00	11.90	11.74					11.65840163	108.0010775			-0.24	-2.03	Excellent
1122	04/24/21 08:30:00	11.90	11.74					11.65870696	108.003906			-0.24	-2.03	Excellent
1123	04/24/21 09:00:00	12.02	11.76					11.77658217	109.1457467			-0.24	-2.03	Excellent
1124	04/24/21 09:30:00	11.98	11.78					11.73769959	108.8350909			-0.24	-2.02	Excellent
1125	04/24/21 10:00:00	12.02	11.78					11.77719899	109.2013399			-0.24	-2.02	Excellent
1126	04/24/21 10:30:00	11.99	11.78					11.74811262	108.9316433			-0.24	-2.02	Excellent
1127	04/24/21 11:00:00	11.96	11.74					11.71902472	108.5626775			-0.24	-2.01	Excellent
1128	04/24/21 11:30:00	12.00	11.70					11.75852668	108.8290466			-0.24	-2.01	Excellent
1129	04/24/21 12:00:00	12.01	11.62					11.7686336	108.7233418			-0.24	-2.01	Excellent
1130	04/24/21 12:30:00	12.04	11.56					11.79833962	108.848019			-0.24	-2.01	Excellent
1131	04/24/21 13:00:00	12.05	11.52					11.80844808	108.8413779			-0.24	-2.00	Excellent
1132	04/24/21 13:30:00	12.12	11.54					11.87735585	109.5267561			-0.24	-2.00	Excellent
1133	04/24/21 14:00:00	12.15	11.54					11.90706699	109.8007367			-0.24	-2.00	Excellent
1134	04/24/21 14:30:00	12.18	11.54					11.93677968	110.0747315			-0.24	-2.00	Excellent
1135	04/24/21 15:00:00	12.27	11.56					12.02529731	110.9418641			-0.24	-1.99	Excellent
1136	04/24/21 15:30:00	12.30	11.54					12.05501461	111.1650321			-0.24	-1.99	Excellent
1137	04/24/21 16:00:00	12.35	11.50					12.10433561	111.5174531			-0.25	-1.99	Excellent
1138	04/24/21 16:30:00	12.37	11.46					12.12425517	111.5984337			-0.25	-1.99	Excellent
1139	04/24/21 17:00:00	12.40	11.46					12.15397734	111.8720132			-0.25	-1.98	Excellent
1140	04/24/21 17:30:00	12.41	11.44					12.16409735	111.9137337			-0.25	-1.98	Excellent
1141	04/24/21 18:00:00	12.36	11.38					12.11540523	111.3121103			-0.24	-1.98	Excellent
1142	04/24/21 18:30:00	12.34	11.32					12.09611764	110.9815557			-0.24	-1.98	Excellent
1143	04/24/21 19:00:00	12.33	11.30					12.08663164	110.843457			-0.24	-1.97	Excellent
1144	04/24/21 19:30:00	12.32	11.26					12.07714513	110.6544251			-0.24	-1.97	Excellent
1145	04/24/21 20:00:00	12.30	11.24					12.05785497	110.4267556			-0.24	-1.97	Excellent
1146	04/24/21 20:30:00	12.29	11.22					12.04836717	110.2889838			-0.24	-1.97	Excellent
1147	04/24/21 21:00:00	12.31	11.22					12.06828981	110.4713527			-0.24	-1.96	Excellent
1148	04/24/21 21:30:00	12.39	11.20					12.14703689	111.1408988			-0.24	-1.96	Excellent
1149	04/24/21 22:00:00	12.41	11.16					12.16696311	111.2204782			-0.24	-1.96	Excellent
1150	04/24/21 22:30:00	12.44	11.12					12.19669478	111.3892934			-0.24	-1.96	Excellent
1151	04/24/21 23:00:00	12.43	11.08					12.1872093	111.1997992			-0.24	-1.95	Excellent

1152	04/24/21 23:30:00	12.45	11.06				11.453	12.20713809	111.3301268		11.166	-0.24	-1.95	Excellent
1153	04/25/21 00:00:00	12.44	11.06	12.41	12.77	12.56625		12.19765235	111.243616	12.329		-0.24	-1.95	Excellent
1154	04/25/21 00:30:00	12.46	11.06					12.21758242	111.4253799			-0.24	-1.95	Excellent
1155	04/25/21 01:00:00	12.45	11.06					12.20809642	111.3388668			-0.24	-1.94	Excellent
1156	04/25/21 01:30:00	12.48	11.08					12.23783374	111.6617119			-0.24	-1.94	Excellent
1157	04/25/21 02:00:00	12.47	11.08					12.22834774	111.5751588			-0.24	-1.94	Excellent
1158	04/25/21 02:30:00	12.48	11.08					12.23847416	111.6675554			-0.24	-1.94	Excellent
1159	04/25/21 03:00:00	12.51	11.10					12.26821456	111.9906877			-0.24	-1.93	Excellent
1160	04/25/21 03:30:00	12.49	11.10					12.24892157	111.8145713			-0.24	-1.93	Excellent
1161	04/25/21 04:00:00	12.50	11.10					12.25904928	111.9070223			-0.24	-1.93	Excellent
1162	04/25/21 04:30:00	12.48	11.10					12.23975502	111.7308942			-0.24	-1.93	Excellent
1163	04/25/21 05:00:00	12.47	11.08					12.23026748	111.5926751			-0.24	-1.92	Excellent
1164	04/25/21 05:30:00	12.46	11.08					12.22077943	111.5061032			-0.24	-1.92	Excellent
1165	04/25/21 06:00:00	12.46	11.06					12.22109913	111.4574526			-0.24	-1.92	Excellent
1166	04/25/21 06:30:00	12.43	11.06					12.19199326	111.1920047			-0.24	-1.91	Excellent
1167	04/25/21 07:00:00	12.47	11.04					12.23154731	111.5011346			-0.24	-1.91	Excellent
1168	04/25/21 07:30:00	12.46	11.02					12.22205823	111.3630727			-0.24	-1.91	Excellent
1169	04/25/21 08:00:00	12.41	11.02					12.17333147	110.9190917			-0.24	-1.91	Excellent
1170	04/25/21 08:30:00	12.51	11.00					12.27174538	111.7640396			-0.24	-1.90	Excellent
1171	04/25/21 09:00:00	12.54	11.02					12.30149578	112.0868795			-0.24	-1.90	Excellent
1172	04/25/21 09:30:00	12.57	11.04					12.33124771	112.4099901			-0.24	-1.90	Excellent
1173	04/25/21 10:00:00	12.53	11.06					12.29232896	112.1070747			-0.24	-1.90	Excellent
1174	04/25/21 10:30:00	12.59	11.06					12.35151391	112.6468464			-0.24	-1.89	Excellent
1175	04/25/21 11:00:00	12.65	11.10					12.41070194	113.2913872			-0.24	-1.89	Excellent
1176	04/25/21 11:30:00	12.62	11.16					12.38159325	113.1824523			-0.24	-1.89	Excellent
1177	04/25/21 12:00:00	12.67	11.18					12.43097378	113.6863299			-0.24	-1.89	Excellent
1178	04/25/21 12:30:00	12.63	11.18					12.39205246	113.3303786			-0.24	-1.88	Excellent
1179	04/25/21 13:00:00	12.63	11.18					12.39237652	113.3333423			-0.24	-1.88	Excellent
1180	04/25/21 13:30:00	12.56	11.18					12.32401579	112.7081554			-0.24	-1.88	Excellent
1181	04/25/21 14:00:00	12.58	11.20					12.34396279	112.9426981			-0.24	-1.88	Excellent
1182	04/25/21 14:30:00	12.57	11.20					12.33447295	112.8558695			-0.24	-1.87	Excellent
1183	04/25/21 15:00:00	12.55	11.20					12.3151697	112.6792519			-0.23	-1.87	Excellent
1184	04/25/21 15:30:00	12.56	11.20					12.32530485	112.7719848			-0.23	-1.87	Excellent
1185	04/25/21 16:00:00	12.61	11.26					12.37469411	113.3806581			-0.24	-1.87	Excellent
1186	04/25/21 16:30:00	12.64	11.32					12.40445862	113.8105759			-0.24	-1.86	Excellent
1187	04/25/21 17:00:00	12.68	11.36					12.44403858	114.2788873			-0.24	-1.86	Excellent
1188	04/25/21 17:30:00	12.72	11.42					12.48362059	114.8006783			-0.24	-1.86	Excellent
1189	04/25/21 18:00:00	12.74	11.48					12.50357581	115.1427839			-0.24	-1.86	Excellent
1190	04/25/21 18:30:00	12.77	11.52					12.53334674	115.5229475			-0.24	-1.85	Excellent
1191	04/25/21 19:00:00	12.72	11.56					12.48459971	115.1792532			-0.24	-1.85	Excellent
1192	04/25/21 19:30:00	12.69	11.58					12.4554805	114.9633025			-0.23	-1.85	Excellent
1193	04/25/21 20:00:00	12.64	11.58					12.40672885	114.5133279			-0.23	-1.85	Excellent
1194	04/25/21 20:30:00	12.63	11.58					12.39723746	114.425723			-0.23	-1.84	Excellent
1195	04/25/21 21:00:00	12.63	11.60					12.39756153	114.481169			-0.23	-1.84	Excellent
1196	04/25/21 21:30:00	12.62	11.64					12.38806937	114.4983627			-0.23	-1.84	Excellent
1197	04/25/21 22:00:00	12.59	11.66					12.35894375	114.2814731			-0.23	-1.84	Excellent
1198	04/25/21 22:30:00	12.63	11.70					12.39853372	114.7525231			-0.23	-1.83	Excellent
1199	04/25/21 23:00:00	12.58	11.72					12.34977283	114.3535101			-0.23	-1.83	Excellent
1200	04/25/21 23:30:00	12.61	11.74				11.694	12.37954735	114.6816257		11.422	-0.23	-1.83	Excellent
1201	04/26/21 00:00:00	12.59	11.76	12.29	12.59	12.38042		12.36023589	114.5550685	12.162		-0.23	-1.82	Excellent
1202	04/26/21 00:30:00	12.58	11.76					12.35074117	114.4670711			-0.23	-1.82	Excellent
1203	04/26/21 01:00:00	12.52	11.78					12.29215585	113.9761577			-0.23	-1.82	Excellent
1204	04/26/21 01:30:00	12.49	11.76					12.26302228	113.6540895			-0.23	-1.82	Excellent
1205	04/26/21 02:00:00	12.48	11.76					12.25352422	113.5660612			-0.23	-1.81	Excellent
1206	04/26/21 02:30:00	12.44	11.76					12.21456929	113.2050257			-0.23	-1.81	Excellent
1207	04/26/21 03:00:00	12.44	11.76					12.21488848	113.2079839			-0.23	-1.81	Excellent
1208	04/26/21 03:30:00	12.42	11.74					12.19556907	112.9772881			-0.22	-1.81	Excellent
1209	04/26/21 04:00:00	12.40	11.72					12.17624863	112.7467517			-0.22	-1.80	Excellent
1210	04/26/21 04:30:00	12.41	11.72					12.1863866	112.8406249			-0.22	-1.80	Excellent
1211	04/26/21 05:00:00	12.39	11.70					12.16706489	112.6102026			-0.22	-1.80	Excellent
1212	04/26/21 05:30:00	12.39	11.70					12.16738279	112.6131449			-0.22	-1.80	Excellent
1213	04/26/21 06:00:00	12.41	11.70					12.18734186	112.7978727			-0.22	-1.79	Excellent
1214	04/26/21 06:30:00	12.35	11.68					12.12873525	112.2041051			-0.22	-1.79	Excellent
1215	04/26/21 07:00:00	12.37	11.68					12.14869431	112.3887484			-0.22	-1.79	Excellent
1216	04/26/21 07:30:00	12.35	11.66					12.129369	112.1586266			-0.22	-1.79	Excellent
1217	04/26/21 08:00:00	12.34	11.66					12.11986427	112.0707377			-0.22	-1.78	Excellent
1218	04/26/21 08:30:00	12.35	11.66					12.13000276	112.1644869			-0.22	-1.78	Excellent
1219	04/26/21 09:00:00	12.35	11.66					12.13031964	112.167417			-0.22	-1.78	Excellent
1220	04/26/21 09:30:00	12.35	11.68					12.13063652	112.221694			-0.22	-1.78	Excellent
1221	04/26/21 10:00:00	12.38	11.70					12.1604213	112.548714			-0.22	-1.77	Excellent
1222	04/26/21 10:30:00	12.40	11.72					12.18038473	112.7850502			-0.22	-1.77	Excellent
1223	04/26/21 11:00:00	12.35	11.74					12.13158715	112.3845726			-0.22	-1.77	Excellent
1224	04/26/21 11:30:00	12.36	11.76					12.14172743	112.529925			-0.22	-1.77	Excellent
1225	04/26/21 12:00:00	12.30	11.78					12.08310261	112.0377601			-0.22	-1.76	Excellent
1226	04/26/21 12:30:00	12.33	11.80					12.11288995	112.3652596			-0.22	-1.76	Excellent
1227	04/26/21 13:00:00	12.35	11.84					12.13285467	112.6532538			-0.22	-1.76	Excellent
1228	04/26/21 13:30:00	12.34	11.90					12.12334711	112.7190823			-0.22	-1.76	Excellent
1229	04/26/21 14:00:00	12.40	11.94					12.18261186	113.373373			-0.22	-1.75	Excellent
1230	04/26/21 14:30:00	12.45	12.00					12.23205474	113.9890634			-0.22	-1.75	Excellent
1231	04/26/21 15:00:00	12.42	12.04					12.20289858	113.8208509			-0.22	-1.75	Excellent
1232	04/26/21 15:30:00	12.39	12.06					12.17374088	113.6005159			-0.22	-1.75	Excellent
1233	04/26/21 16:00:00	12.40	12.10					12.1838845	113.7985325			-0.22	-1.74	Excellent
1234	04/26/21 16:30:00	12.39	12.10					12.17437669	113.7097288			-0.22	-1.74	Excellent
1235	04/26/21 17:00:00	12.35	12.12					12.13538969	113.3970691			-0.21	-1.74	Excellent
1236	04/26/21 17:30:00	12.35	12.12					12.13570657	113.4000302			-0.21	-1.74	Excellent
1237	04/26/21 18:00:00	12.37	12.14					12.15567693	113.6382133			-0.21	-1.73	Excellent
1238	04/26/21 18:30:00	12.35	12.16					12.13634033	113.5089404			-0.21	-1.73	Excellent
1239	04/26/21 19:00:00	12.34	12.18					12.12682995	113.4714532			-0.21	-1.73	Excellent
1240	04/26/21 19:30:00	12.37	12.20					12.1566291	113.8018788			-0.21	-1.72	Excellent
1241	04/26/21 20:00:00	12.30	12.22					12.08815213	113.2121529			-0.21	-1.72	Excellent
1242	04/26/21 20:30:00	12.31	12.24					12.09829575	113.3585094			-0.21	-1.72	Excellent
1243	04/26/21 21:00:00	12.31	12.28					12.0986116	113.4641989			-0.21	-1.72	Excellent
1244	04/26/21 21:30:00	12.30	12.30					12.08909892	113.4263187			-0.21	-1.71	Excellent
1245	04/26/21 22:00:00	12.30	12.34					12.08941452	113.5319625			-0.21	-1.71	Excellent
1246	04/26/21 22:30:00	12.32	12.36					12.10938821	113.7709698			-0.21	-1.71	Excellent
1247	04/26/21 23:00:00	12.32	12.40					12.10970432	113.8768257			-0.21	-1.71	Excellent
1248	04/26/21 23:30:00	12.29	12.42				11.847	12.08053174	113.6538203		11.592	-0.21	-1.70	Excellent
1249	04/27/21 00:00:00	12.28	12.42	11.92	12.54	12.14750		12.07101726	113.5643079	11.903		-0.21	-1.70	Excellent
1250	04/27/21 00:30:00	12.22	12.44					12.01235189	113.0634254			-0.21	-1.70	Excellent
1251	04/27/21 01:00:00	12.22	12.46					12.01266543	113.117425			-0.21	-1.70	Excellent
1252	04/27/21 01:30:00	12.13	12.48					11.92450368	112.3379276			-0.21	-1.69	Excellent
1253	04/27/21 02:00:00	12.14	12.50					11.93464576	112.4842008			-0.21	-1.69	Excellent
1254	04/27/21 02:30:00	12.11	12.52					11.90546395	112.2597698			-0.20	-1.69	Excellent
1255	04/27/21 03:00:00	12.12	12.54					11.91560602	112.4060583			-0.20	-1.69	Excellent
1256	04/27/21 03:30:00	12.07	12.56					11.86675893	111.9957119			-0.20	-1.68	Excellent
1257	04/27/21 04:00:00	12.03	12.58					11.82774114	111.6777636			-0.20	-1.68	Excellent
1258	04/27/21 04:30:00	12.08	12.60					11.87721044	112.1953616			-0.20	-1.68	Excellent
1259	04/27/21 05:00:00	12.04	12.60					11.83819086	111.826772			-0.20	-1.68	Excellent
1260	04/27/21 05:30:00	11.95	12.62					11.75000601	111.0437259			-0.20	-1.67	Excellent
1261	04/27/21 06:00:00	11.99	12.64					11.78964422	111.4684731			-0.20	-1.67	Excellent
1262	04/27/21 06:30:00	12.00	12.68					11.79978501	111.664744			-0.20	-1.67	Excellent
1263	04/27/21 07:00:00	12.01	12.68					11.80992632	111.7607141			-0.20	-1.67	Excellent
1264	04/27/21 07:30:00	11.94	12.72					11.74139881	111.2121334			-0.20	-1.66	Excellent
1265	04/27/21 08:00:00	12.04	12.76					11.8400444	112.2472584			-0.20	-1.66	Excellent
1266	04/27/21 08:30:00	12.04	12.78					11.84035333	112.3005828			-0.20	-1.66	Excellent
1267	04/27/21 09:00:00	12.08	12.82					11.88	112.777758			-0.20	-1.66	Excellent

1268	04/27/21 09:30:00	12.13	12.92					11.84	113.9790058			-0.29	-2.39	Excellent
1269	04/27/21 10:00:00	12.18	12.88					11.890259	114.3603005			-0.29	-2.38	Excellent
1270	04/27/21 10:30:00	12.19	12.90					11.9014767	114.5195024			-0.29	-2.37	Excellent
1271	04/27/21 11:00:00	12.23	12.92					11.94199029	114.9608261			-0.29	-2.35	Excellent
1272	04/27/21 11:30:00	12.22	12.94					11.93368495	114.9323331			-0.29	-2.34	Excellent
1273	04/27/21 12:00:00	12.22	12.98					11.93514411	115.0493324			-0.28	-2.33	Excellent
1274	04/27/21 12:30:00	12.19	13.00					11.90729901	114.8322789			-0.28	-2.32	Excellent
1275	04/27/21 13:00:00	12.18	13.04					11.8989853	114.8547673			-0.28	-2.31	Excellent
1276	04/27/21 13:30:00	12.20	13.08					11.91998064	115.1602903			-0.28	-2.30	Excellent
1277	04/27/21 14:00:00	12.23	13.16					11.95075242	115.6639031			-0.28	-2.28	Excellent
1278	04/27/21 14:30:00	12.28	13.26					12.00107709	116.4100676			-0.28	-2.27	Excellent
1279	04/27/21 15:00:00	12.23	13.26					11.95367313	115.9502507			-0.28	-2.26	Excellent
1280	04/27/21 15:30:00	12.16	13.30					11.88670671	115.403367			-0.27	-2.25	Excellent
1281	04/27/21 16:00:00	12.20	13.24					11.92726449	115.6425758			-0.27	-2.24	Excellent
1282	04/27/21 16:30:00	12.20	13.30					11.92872127	115.8112698			-0.27	-2.22	Excellent
1283	04/27/21 17:00:00	12.29	13.40					12.01818755	116.9395114			-0.27	-2.21	Excellent
1284	04/27/21 17:30:00	12.31	13.52					12.03921512	117.456403			-0.27	-2.20	Excellent
1285	04/27/21 18:00:00	12.48	13.58					12.20696581	119.2513924			-0.27	-2.19	Excellent
1286	04/27/21 18:30:00	12.54	13.60					12.26715052	119.892411			-0.27	-2.18	Excellent
1287	04/27/21 19:00:00	12.45	13.62					12.18059539	119.0991658			-0.27	-2.16	Excellent
1288	04/27/21 19:30:00	12.36	13.66					12.09401877	118.357299			-0.27	-2.15	Excellent
1289	04/27/21 20:00:00	12.34	13.58					12.07592265	117.9712152			-0.26	-2.14	Excellent
1290	04/27/21 20:30:00	12.15	13.48					11.89143947	115.9118431			-0.26	-2.13	Excellent
1291	04/27/21 21:00:00	11.94	13.34					11.68733415	113.5687227			-0.25	-2.12	Excellent
1292	04/27/21 21:30:00	11.93	13.34					11.67897029	113.4874491			-0.25	-2.10	Excellent
1293	04/27/21 22:00:00	11.92	13.34					11.67060405	113.4061522			-0.25	-2.09	Excellent
1294	04/27/21 22:30:00	11.92	13.38					11.67202739	113.520856			-0.25	-2.08	Excellent
1295	04/27/21 23:00:00	11.95	13.38					11.70283021	113.8204409			-0.25	-2.07	Excellent
1296	04/27/21 23:30:00	11.97	13.42				11.915	11.72384585	114.1261768		11.670	-0.25	-2.06	Excellent
1297	04/28/21 00:00:00	11.94	13.46	11.94	12.65	12.24000		11.6958885	113.9551431	12.024		-0.24	-2.04	Excellent
1298	04/28/21 00:30:00	12.04	13.52					11.79528168	115.0765514			-0.24	-2.03	Excellent
1299	04/28/21 01:00:00	12.03	13.54					11.78692141	115.0459619			-0.24	-2.02	Excellent
1300	04/28/21 01:30:00	11.99	13.54					11.74916135	114.6774057			-0.24	-2.01	Excellent
1301	04/28/21 02:00:00	12.02	13.56					11.77999403	115.0292967			-0.24	-2.00	Excellent
1302	04/28/21 02:30:00	12.03	13.58					11.79123083	115.1900248			-0.24	-1.98	Excellent
1303	04/28/21 03:00:00	12.04	13.62					11.80247001	115.4019396			-0.24	-1.97	Excellent
1304	04/28/21 03:30:00	12.06	13.64					11.8235155	115.6588749			-0.24	-1.96	Excellent
1305	04/28/21 04:00:00	12.05	13.68					11.81515045	115.6793038			-0.23	-1.95	Excellent
1306	04/28/21 04:30:00	12.03	13.70					11.79697672	115.5524261			-0.23	-1.94	Excellent
1307	04/28/21 05:00:00	12.03	13.70					11.79841319	115.5664965			-0.23	-1.93	Excellent
1308	04/28/21 05:30:00	12.02	13.72					11.79004097	115.5355217			-0.23	-1.91	Excellent
1309	04/28/21 06:00:00	12.00	13.72					11.77185649	115.3573244			-0.23	-1.90	Excellent
1310	04/28/21 06:30:00	12.01	13.74					11.78310046	115.5185153			-0.23	-1.89	Excellent
1311	04/28/21 07:00:00	12.01	13.74					11.78453454	115.5325747			-0.23	-1.88	Excellent
1312	04/28/21 07:30:00	12.04	13.76					11.81540901	115.8864115			-0.22	-1.87	Excellent
1313	04/28/21 08:00:00	12.05	13.80					11.82666133	116.0991898			-0.22	-1.85	Excellent
1314	04/28/21 08:30:00	12.10	13.82					11.87717945	116.6465461			-0.22	-1.84	Excellent
1315	04/28/21 09:00:00	12.10	13.84					11.87862428	116.7121804			-0.22	-1.83	Excellent
1316	04/28/21 09:30:00	12.13	13.88					11.90952383	117.118952			-0.22	-1.82	Excellent
1317	04/28/21 10:00:00	12.18	13.92					11.96006941	117.7196489			-0.22	-1.81	Excellent
1318	04/28/21 10:30:00	12.27	13.98					12.04990943	118.760567			-0.22	-1.79	Excellent
1319	04/28/21 11:00:00	12.28	14.02					12.06119638	118.9763623			-0.22	-1.78	Excellent
1320	04/28/21 11:30:00	12.31	14.08					12.09213175	119.4387913			-0.22	-1.77	Excellent
1321	04/28/21 12:00:00	12.39	14.16					12.17219534	120.4407626			-0.22	-1.76	Excellent
1322	04/28/21 12:30:00	12.38	14.22					12.16384939	120.5164884			-0.22	-1.75	Excellent
1323	04/28/21 13:00:00	12.45	14.26					12.23411384	121.3188239			-0.22	-1.73	Excellent
1324	04/28/21 13:30:00	12.43	14.26					12.21594488	121.1386525			-0.21	-1.72	Excellent
1325	04/28/21 14:00:00	12.41	14.24					12.19777114	120.9055029			-0.21	-1.71	Excellent
1326	04/28/21 14:30:00	12.44	14.28					12.22874353	121.3186398			-0.21	-1.70	Excellent
1327	04/28/21 15:00:00	12.46	14.28					12.24989171	121.5284461			-0.21	-1.69	Excellent
1328	04/28/21 15:30:00	12.47	14.28					12.26121209	121.6407531			-0.21	-1.67	Excellent
1329	04/28/21 16:00:00	12.47	14.30					12.2627011	121.7087478			-0.21	-1.66	Excellent
1330	04/28/21 16:30:00	12.53	14.32					12.32319985	122.3626951			-0.21	-1.65	Excellent
1331	04/28/21 17:00:00	12.48	14.30					12.27551528	121.83593			-0.20	-1.64	Excellent
1332	04/28/21 17:30:00	12.65	14.38					12.44424033	123.7266379			-0.21	-1.63	Excellent
1333	04/28/21 18:00:00	12.42	14.34					12.21946446	121.3857036			-0.20	-1.61	Excellent
1334	04/28/21 18:30:00	12.41	14.24					12.21110777	121.0376969			-0.20	-1.60	Excellent
1335	04/28/21 19:00:00	12.38	14.26					12.18306684	120.8126195			-0.20	-1.59	Excellent
1336	04/28/21 19:30:00	12.29	14.22					12.09596602	119.8439163			-0.19	-1.58	Excellent
1337	04/28/21 20:00:00	12.26	14.24					12.06790359	119.618243			-0.19	-1.57	Excellent
1338	04/28/21 20:30:00	12.28	14.28					12.08905654	119.9328363			-0.19	-1.55	Excellent
1339	04/28/21 21:00:00	12.28	14.32					12.09052287	120.0523387			-0.19	-1.54	Excellent
1340	04/28/21 21:30:00	12.30	14.38					12.11168299	120.4201924			-0.19	-1.53	Excellent
1341	04/28/21 22:00:00	12.36	14.42					12.17224024	121.1279956			-0.19	-1.52	Excellent
1342	04/28/21 22:30:00	12.40	14.48					12.21311326	121.6938696			-0.19	-1.51	Excellent
1343	04/28/21 23:00:00	12.40	14.52					12.21459391	121.8147537			-0.19	-1.50	Excellent
1344	04/28/21 23:30:00	12.42	14.54				12.009	12.23577791	122.0791839		11.773	-0.18	-1.48	Excellent
1345	04/29/21 00:00:00	12.41	14.54	12.01	12.75	12.40625		12.22740809	121.9956763	12.259		-0.18	-1.47	Excellent
1346	04/29/21 00:30:00	12.41	14.56					12.22888993	122.0636006			-0.18	-1.46	Excellent
1347	04/29/21 01:00:00	12.36	14.58					12.1810955	121.6394736			-0.18	-1.45	Excellent
1348	04/29/21 01:30:00	12.41	14.58					12.23185363	122.1463403			-0.18	-1.44	Excellent
1349	04/29/21 02:00:00	12.37	14.60					12.1939049	121.8203846			-0.18	-1.42	Excellent
1350	04/29/21 02:30:00	12.34	14.60					12.16580546	121.5396637			-0.17	-1.41	Excellent
1351	04/29/21 03:00:00	12.28	14.60					12.10811876	120.963358			-0.17	-1.40	Excellent
1352	04/29/21 03:30:00	12.17	14.62					12.0011116	119.946492			-0.17	-1.39	Excellent
1353	04/29/21 04:00:00	12.09	14.62					11.92366543	119.1724473			-0.17	-1.38	Excellent
1354	04/29/21 04:30:00	12.01	14.62					11.84620016	118.3982117			-0.16	-1.36	Excellent
1355	04/29/21 05:00:00	12.05	14.62					11.88709347	118.8069247			-0.16	-1.35	Excellent
1356	04/29/21 05:30:00	12.06	14.62					11.89839834	118.9199124			-0.16	-1.34	Excellent
1357	04/29/21 06:00:00	12.18	14.62					12.01824474	120.1177311			-0.16	-1.33	Excellent
1358	04/29/21 06:30:00	12.25	14.64					12.08877786	120.8752326			-0.16	-1.32	Excellent
1359	04/29/21 07:00:00	12.30	14.66					12.13958852	121.4360622			-0.16	-1.30	Excellent
1360	04/29/21 07:30:00	12.29	14.68					12.13118645	121.4047579			-0.16	-1.29	Excellent
1361	04/29/21 08:00:00	12.34	14.70					12.18201383	121.9663908			-0.16	-1.28	Excellent
1362	04/29/21 08:30:00	12.36	14.74					12.20323366	122.2849827			-0.16	-1.27	Excellent
1363	04/29/21 09:00:00	12.34	14.78					12.18496081	122.2078754			-0.16	-1.26	Excellent
1364	04/29/21 09:30:00	12.41	14.80					12.25556318	122.969289			-0.15	-1.24	Excellent
1365	04/29/21 10:00:00	12.37	14.86					12.21753804	122.7472291			-0.15	-1.23	Excellent
1366	04/29/21 10:30:00	12.42	14.92					12.26840482	123.4184605			-0.15	-1.22	Excellent
1367	04/29/21 11:00:00	12.43	14.96					12.279767	123.6396741			-0.15	-1.21	Excellent
1368	04/29/21 11:30:00	12.45	15.02					12.30101189	124.0142611			-0.15	-1.20	Excellent
1369	04/29/21 12:00:00	12.46	15.08					12.31238004	124.289744			-0.15	-1.18	Excellent
1370	04/29/21 12:30:00	12.49	15.08					12.34351602	124.6040522			-0.15	-1.17	Excellent
1371	04/29/21 13:00:00	12.47	15.12					12.32523959	124.5269424			-0.14	-1.16	Excellent
1372	04/29/21 13:30:00	12.51	15.16					12.36626903	125.0492417			-0.14	-1.15	Excellent
1373	04/29/21 14:00:00	12.60	15.20					12.45673953	126.0726606			-0.14	-1.14	Excellent
1374	04/29/21 14:30:00	12.65	15.24					12.50768154	126.6972701			-0.14	-1.13	Excellent
1375	04/29/21 15:00:00	12.67	15.28					12.52896943	127.0221457			-0.14	-1.11	Excellent
1376	04/29/21 15:30:00	12.75	15.32					12.60960139	127.9495762			-0.14	-1.10	Excellent
1377	04/29/21 16:00:00	12.72	15.34					12.5814506	127.7187957			-0.14	-1.09	Excellent
1378	04/29/21 16:30:00	12.72	15.36					12.58296946	127.7890911			-0.14	-1.08	Excellent
1379	04/29/21 17:00:00	12.69	15.38					12.55480793	127.5578495			-0.14	-1.07	Excellent
1380	04/29/21 17:30:00	12.68	15.40					12.54642855	127.5274416			-0.13	-1.05	Excellent
1381	04/29/21 18:00:00	12.62	15.42					12.48856751	126.9937963			-0.13	-1.04	Excellent
1382	04/29/21 18:30:00	12.57	15.48					12.4405892	126.6687547			-0.13	-1.03	Excellent
1383	04/29/21 19:00:00	12.55	15.54					12.42229367	126.645116			-0.13	-1.02	Excellent

1384	04/29/21 19:30:00	12.55	15.58					12.42379223	126.7688606			-0.13	-1.01	Excellent
1385	04/29/21 20:00:00	12.51	15.62					12.38568827	126.4882119			-0.12	-0.99	Excellent
1386	04/29/21 20:30:00	12.50	15.66					12.37728024	126.5104443			-0.12	-0.98	Excellent
1387	04/29/21 21:00:00	12.46	15.74					12.33916076	126.3364076			-0.12	-0.97	Excellent
1388	04/29/21 21:30:00	12.38	15.80					12.26141488	125.7011173			-0.12	-0.96	Excellent
1389	04/29/21 22:00:00	12.30	15.86					12.18364989	125.063635			-0.12	-0.95	Excellent
1390	04/29/21 22:30:00	12.23	15.90					12.1157724	124.4728082			-0.11	-0.93	Excellent
1391	04/29/21 23:00:00	12.16	15.94					12.04787819	123.8806412			-0.11	-0.92	Excellent
1392	04/29/21 23:30:00	12.16	15.96				12.173	12.04933019	123.9482605		11.952	-0.11	-0.91	Excellent
1393	04/30/21 00:00:00	11.99	16.00	10.71	12.10	11.62604		11.88230908	122.3340903	11.554		-0.11	-0.90	Excellent
1394	04/30/21 00:30:00	12.10	16.02					11.99276592	123.5237524			-0.11	-0.89	Excellent
1395	04/30/21 01:00:00	11.95	16.04					11.84552219	122.0589795			-0.10	-0.87	Excellent
1396	04/30/21 01:30:00	12.01	16.04					11.90643169	122.6866051			-0.10	-0.86	Excellent
1397	04/30/21 02:00:00	11.80	16.04					11.69965164	120.5558959			-0.10	-0.85	Excellent
1398	04/30/21 02:30:00	11.93	16.02					11.82997064	121.8469846			-0.10	-0.84	Excellent
1399	04/30/21 03:00:00	11.86	16.02					11.76197374	121.1466263			-0.10	-0.83	Excellent
1400	04/30/21 03:30:00	11.92	16.02					11.82290116	121.77417			-0.10	-0.81	Excellent
1401	04/30/21 04:00:00	11.77	16.00					11.67552847	120.2051844			-0.09	-0.80	Excellent
1402	04/30/21 04:30:00	11.81	16.00					11.71661761	120.6282169			-0.09	-0.79	Excellent
1403	04/30/21 05:00:00	11.74	16.00					11.64857295	119.9276644			-0.09	-0.78	Excellent
1404	04/30/21 05:30:00	11.80	16.00					11.7095147	120.555089			-0.09	-0.77	Excellent
1405	04/30/21 06:00:00	11.75	16.00					11.66130115	120.0587073			-0.09	-0.75	Excellent
1406	04/30/21 06:30:00	11.78	16.00					11.69248131	120.379722			-0.09	-0.74	Excellent
1407	04/30/21 07:00:00	11.78	16.02					11.69388793	120.4453523			-0.09	-0.73	Excellent
1408	04/30/21 07:30:00	11.87	16.04					11.78464739	121.4317116			-0.09	-0.72	Excellent
1409	04/30/21 08:00:00	11.90	16.06					11.81585262	121.8049485			-0.08	-0.71	Excellent
1410	04/30/21 08:30:00	11.96	16.10					11.87685646	122.5377423			-0.08	-0.70	Excellent
1411	04/30/21 09:00:00	12.00	16.14					11.91801128	123.0666589			-0.08	-0.68	Excellent
1412	04/30/21 09:30:00	11.94	16.16					11.85984695	122.5179539			-0.08	-0.67	Excellent
1413	04/30/21 10:00:00	11.98	16.18					11.90100893	122.9952678			-0.08	-0.66	Excellent
1414	04/30/21 10:30:00	11.92	16.20					11.84282789	122.4458155			-0.08	-0.65	Excellent
1415	04/30/21 11:00:00	11.87	16.20					11.79456896	121.946855			-0.08	-0.64	Excellent
1416	04/30/21 11:30:00	11.77	16.22					11.69660986	120.9852376			-0.07	-0.62	Excellent
1417	04/30/21 12:00:00	11.73	16.22					11.65825993	120.5885606			-0.07	-0.61	Excellent
1418	04/30/21 12:30:00	11.68	16.24					11.60996041	120.139799			-0.07	-0.60	Excellent
1419	04/30/21 13:00:00	11.71	16.26					11.64117877	120.5138177			-0.07	-0.59	Excellent
1420	04/30/21 13:30:00	11.68	16.28					11.61274976	120.2703613			-0.07	-0.58	Excellent
1421	04/30/21 14:00:00	11.61	16.30					11.54453913	119.6144775			-0.07	-0.56	Excellent
1422	04/30/21 14:30:00	11.61	16.30					11.54592545	119.6288414			-0.06	-0.55	Excellent
1423	04/30/21 15:00:00	11.60	16.30					11.53736576	119.5401534			-0.06	-0.54	Excellent
1424	04/30/21 15:30:00	11.61	16.34					11.54869809	119.7587325			-0.06	-0.53	Excellent
1425	04/30/21 16:00:00	11.58	16.32					11.52023923	119.413158			-0.06	-0.52	Excellent
1426	04/30/21 16:30:00	11.57	16.32					11.51167238	119.3243582			-0.06	-0.50	Excellent
1427	04/30/21 17:00:00	11.54	16.34					11.48320158	119.0795409			-0.06	-0.49	Excellent
1428	04/30/21 17:30:00	11.51	16.38					11.45472362	118.8845851			-0.06	-0.48	Excellent
1429	04/30/21 18:00:00	11.49	16.40					11.43619166	118.7423524			-0.05	-0.47	Excellent
1430	04/30/21 18:30:00	11.48	16.42					11.42760929	118.7033122			-0.05	-0.46	Excellent
1431	04/30/21 19:00:00	11.40	16.52					11.34933563	118.1389551			-0.05	-0.44	Excellent
1432	04/30/21 19:30:00	11.34	16.54					11.29095636	117.5807639			-0.05	-0.43	Excellent
1433	04/30/21 20:00:00	11.24	16.54					11.19273099	116.5578732			-0.05	-0.42	Excellent
1434	04/30/21 20:30:00	11.14	16.56					11.09448173	115.5833743			-0.05	-0.41	Excellent
1435	04/30/21 21:00:00	11.07	16.54					11.02608959	114.8225177			-0.04	-0.40	Excellent
1436	04/30/21 21:30:00	10.98	16.56					10.93775768	113.9506082			-0.04	-0.38	Excellent
1437	04/30/21 22:00:00	10.92	16.54					10.87929245	113.2938146			-0.04	-0.37	Excellent
1438	04/30/21 22:30:00	10.89	16.56					10.85070463	113.0436811			-0.04	-0.36	Excellent
1439	04/30/21 23:00:00	10.76	16.54					10.72245854	111.6605915			-0.04	-0.35	Excellent
1440	04/30/21 23:30:00	10.71	16.52				12.206	10.67391185	111.1082475		12.009	-0.04	-0.34	Excellent
1441	05/01/21 00:00:00	10.63	16.48	10.02	10.63	10.23063		10.59545071	110.1986344	10.226		-0.03	-0.33	Excellent
1442	05/01/21 00:30:00	10.57	16.48					10.53690786	109.5897559			-0.03	-0.31	Excellent
1443	05/01/21 01:00:00	10.52	16.48					10.48832057	109.0844208			-0.03	-0.30	Excellent
1444	05/01/21 01:30:00	10.42	16.50					10.38986593	108.1059769			-0.03	-0.29	Excellent
1445	05/01/21 02:00:00	10.36	16.50					10.33127651	107.4963572			-0.03	-0.28	Excellent
1446	05/01/21 02:30:00	10.25	16.48					10.22280541	106.3229141			-0.03	-0.27	Excellent
1447	05/01/21 03:00:00	10.27	16.48					10.24397867	106.5431279			-0.03	-0.25	Excellent
1448	05/01/21 03:30:00	10.31	16.48					10.28510841	106.9709003			-0.02	-0.24	Excellent
1449	05/01/21 04:00:00	10.29	16.46					10.2663854	106.7311759			-0.02	-0.23	Excellent
1450	05/01/21 04:30:00	10.20	16.46					10.1778099	105.8103292			-0.02	-0.22	Excellent
1451	05/01/21 05:00:00	10.14	16.44					10.11915122	105.1561577			-0.02	-0.21	Excellent
1452	05/01/21 05:30:00	10.16	16.44					10.14032328	105.3761734			-0.02	-0.19	Excellent
1453	05/01/21 06:00:00	10.10	16.46					10.08164549	104.8105869			-0.02	-0.18	Excellent
1454	05/01/21 06:30:00	10.02	16.48					10.00298734	104.0366828			-0.02	-0.17	Excellent
1455	05/01/21 07:00:00	10.03	16.48					10.01416802	104.1529681			-0.02	-0.16	Excellent
1456	05/01/21 07:30:00	10.03	16.52					10.01536567	104.2532245			-0.01	-0.15	Excellent
1457	05/01/21 08:00:00	10.05	16.54					10.03653654	104.5175976			-0.01	-0.13	Excellent
1458	05/01/21 08:30:00	10.06	16.52					10.04772438	104.5900569			-0.01	-0.12	Excellent
1459	05/01/21 09:00:00	10.03	16.42					10.01895865	104.0710744			-0.01	-0.11	Excellent
1460	05/01/21 09:30:00	10.08	16.40					10.07010723	104.5582531			-0.01	-0.10	Excellent
1461	05/01/21 10:00:00	10.09	16.42					10.08130224	104.7186631			-0.01	-0.09	Excellent
1462	05/01/21 10:30:00	10.15	16.44					10.14246251	105.3984038			-0.01	-0.07	Excellent
1463	05/01/21 11:00:00	10.19	16.48					10.18364956	105.9156713			-0.01	-0.06	Excellent
1464	05/01/21 11:30:00	10.22	16.52					10.21485121	106.3297349			-0.01	-0.05	Excellent
1465	05/01/21 12:00:00	10.21	16.56					10.2060754	106.327872			0.00	-0.04	Excellent
1466	05/01/21 12:30:00	10.22	16.56					10.2172919	106.4447266			0.00	-0.03	Excellent
1467	05/01/21 13:00:00	10.19	16.58					10.18851661	106.1896154			0.00	-0.01	Excellent
1468	05/01/21 13:30:00	10.19	16.60					10.18973338	106.2469787			0.00	0.00	Excellent
1469	05/01/21 14:00:00	10.21	16.60					10.210952	106.4682225			0.00	0.01	Excellent
1470	05/01/21 14:30:00	10.16	16.62					10.16216052	106.0040449			0.00	0.02	Excellent
1471	05/01/21 15:00:00	10.19	16.64					10.19338366	106.3744467			0.00	0.03	Excellent
1472	05/01/21 15:30:00	10.23	16.66					10.23461848	106.8496484			0.00	0.05	Excellent
1473	05/01/21 16:00:00	10.17	16.66					10.17580577	106.2356423			0.01	0.06	Excellent
1474	05/01/21 16:30:00	10.19	16.66					10.19703395	106.457265			0.01	0.07	Excellent
1475	05/01/21 17:00:00	10.23	16.64					10.2382831	106.8430009			0.01	0.08	Excellent
1476	05/01/21 17:30:00	10.26	16.62					10.26953251	107.1240691			0.01	0.09	Excellent
1477	05/01/21 18:00:00	10.24	16.60					10.25073666	106.8830518			0.01	0.10	Excellent
1478	05/01/21 18:30:00	10.18	16.54					10.19188932	106.1353966			0.01	0.12	Excellent
1479	05/01/21 19:00:00	10.24	16.52					10.25318213	106.728734			0.01	0.13	Excellent
1480	05/01/21 19:30:00	10.24	16.46					10.25440486	106.6066241			0.01	0.14	Excellent
1481	05/01/21 20:00:00	10.21	16.42					10.22558181	106.2173548			0.02	0.15	Excellent
1482	05/01/21 20:30:00	10.25	16.38					10.26686678	106.5562329			0.02	0.16	Excellent
1483	05/01/21 21:00:00	10.26	16.34					10.27810836	106.5828563			0.02	0.18	Excellent
1484	05/01/21 21:30:00	10.28	16.32					10.29937117	106.7582376			0.02	0.19	Excellent
1485	05/01/21 22:00:00	10.38	16.30					10.40079905	107.7640373			0.02	0.20	Excellent
1486	05/01/21 22:30:00	10.38	16.26					10.4020385	107.6857762			0.02	0.21	Excellent
1487	05/01/21 23:00:00	10.41	16.22					10.43334523	107.9185137			0.02	0.22	Excellent
1488	05/01/21 23:30:00	10.38	16.18				11.942	10.4045174	107.5292366		11.780	0.02	0.24	Excellent
1489	05/02/21 00:00:00	10.32	16.16	10.01	11.23	10.51271		10.34560797	106.875133	10.569		0.03	0.25	Excellent
1490	05/02/21 00:30:00	10.32	16.14					10.34684026	106.8425788			0.03	0.26	Excellent
1491	05/02/21 01:00:00	10.30	16.14					10.32801814	106.6482196			0.03	0.27	Excellent
1492	05/02/21 01:30:00	10.09	16.12					10.11865171	104.4419979			0.03	0.28	Excellent
1493	05/02/21 02:00:00	10.18	16.12					10.21012285	105.3861383			0.03	0.30	Excellent
1494	05/02/21 02:30:00	10.20	16.12					10.23139999	105.6057552			0.03	0.31	Excellent
1495	05/02/21 03:00:00	10.01	16.10					10.04201035	103.606984			0.03	0.32	Excellent
1496	05/02/21 03:30:00	10.06	16.10					10.09337148	104.136895			0.03	0.33	Excellent
1497	05/02/21 04:00:00	10.16	16.10					10.19491639	105.1845698			0.03	0.34	Excellent
1498	05/02/21 04:30:00	10.06	16.10					10.09577396	104.1616822			0.04	0.36	Excellent
1499	05/02/21 05:00:00	10.12	16.12					10.15719573	104.8398389			0.04	0.37	Excellent

1500	05/02/21 05:30:00	10.16	16.10					10.19855593	105.2221202			0.04	0.38	Excellent
1501	05/02/21 06:00:00	10.10	16.12					10.13953425	104.6575418			0.04	0.39	Excellent
1502	05/02/21 06:30:00	10.08	16.10					10.1206596	104.4184361			0.04	0.40	Excellent
1503	05/02/21 07:00:00	10.13	16.10					10.17207088	104.9488645			0.04	0.42	Excellent
1504	05/02/21 07:30:00	10.10	16.12					10.1431523	104.6948863			0.04	0.43	Excellent
1505	05/02/21 08:00:00	10.17	16.12					10.21466575	105.4330289			0.04	0.44	Excellent
1506	05/02/21 08:30:00	10.19	16.14					10.23597035	105.6977244			0.05	0.45	Excellent
1507	05/02/21 09:00:00	10.20	16.16					10.24723342	105.8588763			0.05	0.46	Excellent
1508	05/02/21 09:30:00	10.27	16.18					10.31878389	106.6431926			0.05	0.48	Excellent
1509	05/02/21 10:00:00	10.31	16.18					10.36020498	107.0712739			0.05	0.49	Excellent
1510	05/02/21 10:30:00	10.35	16.18					10.40163563	107.4994539			0.05	0.50	Excellent
1511	05/02/21 11:00:00	10.32	16.20					10.37271825	107.2460022			0.05	0.51	Excellent
1512	05/02/21 11:30:00	10.45	16.24					10.50463015	108.7018483			0.05	0.52	Excellent
1513	05/02/21 12:00:00	10.50	16.30					10.55614531	109.3736001			0.06	0.53	Excellent
1514	05/02/21 12:30:00	10.57	16.34					10.62778175	110.208931			0.06	0.55	Excellent
1515	05/02/21 13:00:00	10.61	16.36					10.66926733	110.6858679			0.06	0.56	Excellent
1516	05/02/21 13:30:00	10.66	16.42					10.72081951	111.361594			0.06	0.57	Excellent
1517	05/02/21 14:00:00	10.70	16.42					10.76232539	111.7927327			0.06	0.58	Excellent
1518	05/02/21 14:30:00	10.70	16.44					10.76360305	111.8531698			0.06	0.59	Excellent
1519	05/02/21 15:00:00	10.71	16.44					10.77494135	111.9709951			0.06	0.61	Excellent
1520	05/02/21 15:30:00	10.71	16.48					10.7762202	112.0787385			0.07	0.62	Excellent
1521	05/02/21 16:00:00	10.67	16.50					10.73724696	111.7204572			0.07	0.63	Excellent
1522	05/02/21 16:30:00	10.67	16.50					10.73852104	111.7337139			0.07	0.64	Excellent
1523	05/02/21 17:00:00	10.71	16.52					10.78005676	112.2131448			0.07	0.65	Excellent
1524	05/02/21 17:30:00	10.72	16.52					10.79140222	112.3312434			0.07	0.67	Excellent
1525	05/02/21 18:00:00	10.78	16.50					10.85308908	112.925788			0.07	0.68	Excellent
1526	05/02/21 18:30:00	10.86	16.46					10.93492825	113.6814668			0.07	0.69	Excellent
1527	05/02/21 19:00:00	10.89	16.42					10.96643558	113.9129098			0.08	0.70	Excellent
1528	05/02/21 19:30:00	10.95	16.36					11.02816422	114.4091614			0.08	0.71	Excellent
1529	05/02/21 20:00:00	10.96	16.32					11.03954431	114.4305099			0.08	0.73	Excellent
1530	05/02/21 20:30:00	10.97	16.26					11.05092679	114.4033094			0.08	0.74	Excellent
1531	05/02/21 21:00:00	11.02	16.20					11.10261152	114.7925423			0.08	0.75	Excellent
1532	05/02/21 21:30:00	11.09	16.12					11.1744605	115.3397718			0.08	0.76	Excellent
1533	05/02/21 22:00:00	11.04	16.02					11.12539796	114.589988			0.09	0.77	Excellent
1534	05/02/21 22:30:00	11.10	15.90					11.18718751	114.9328825			0.09	0.79	Excellent
1535	05/02/21 23:00:00	11.14	15.84					11.2288319	115.2134683			0.09	0.80	Excellent
1536	05/02/21 23:30:00	11.23	15.78				11.649	11.32089051	116.0096154		11.528	0.09	0.81	Excellent
1537	05/03/21 00:00:00	11.23	15.76	9.71	11.36	10.48979		11.32223146	115.9738859	10.604		0.09	0.82	Excellent
1538	05/03/21 00:30:00	11.29	15.78					11.38407235	116.6570645			0.09	0.83	Excellent
1539	05/03/21 01:00:00	11.32	15.82					11.41567401	117.0806703			0.10	0.85	Excellent
1540	05/03/21 01:30:00	11.36	15.84					11.45736855	117.5583695			0.10	0.86	Excellent
1541	05/03/21 02:00:00	11.31	15.84					11.40829049	117.0548039			0.10	0.87	Excellent
1542	05/03/21 02:30:00	11.36	15.82					11.46008149	117.5361194			0.10	0.88	Excellent
1543	05/03/21 03:00:00	11.25	15.80					11.35045573	116.3621802			0.10	0.89	Excellent
1544	05/03/21 03:30:00	11.19	15.78					11.29125613	115.7059403			0.10	0.90	Excellent
1545	05/03/21 04:00:00	11.12	15.76					11.22195053	114.9467059			0.10	0.92	Excellent
1546	05/03/21 04:30:00	11.02	15.74					11.12234958	113.877898			0.10	0.93	Excellent
1547	05/03/21 05:00:00	10.99	15.72					11.09338324	113.5328594			0.10	0.94	Excellent
1548	05/03/21 05:30:00	10.98	15.70					11.08460026	113.3945523			0.10	0.95	Excellent
1549	05/03/21 06:00:00	10.91	15.66					11.01523615	112.5887427			0.11	0.96	Excellent
1550	05/03/21 06:30:00	10.88	15.62					10.98624592	112.1964781			0.11	0.98	Excellent
1551	05/03/21 07:00:00	10.84	15.60					10.94714969	111.7494118			0.11	0.99	Excellent
1552	05/03/21 07:30:00	10.81	15.60					10.91814395	111.4533187			0.11	1.00	Excellent
1553	05/03/21 08:00:00	10.76	15.64					10.86892857	111.0458412			0.11	1.01	Excellent
1554	05/03/21 08:30:00	10.75	15.68					10.86011097	111.0506104			0.11	1.02	Excellent
1555	05/03/21 09:00:00	10.71	15.76					10.8209801	110.8395564			0.11	1.04	Excellent
1556	05/03/21 09:30:00	10.66	15.82					10.77173487	110.4763449			0.11	1.05	Excellent
1557	05/03/21 10:00:00	10.68	15.90					10.79321978	110.8854088			0.11	1.06	Excellent
1558	05/03/21 10:30:00	10.59	15.96					10.70353021	110.1043734			0.11	1.07	Excellent
1559	05/03/21 11:00:00	10.61	16.02					10.72501153	110.4660657			0.12	1.08	Excellent
1560	05/03/21 11:30:00	10.54	16.08					10.65551129	109.8900678			0.12	1.10	Excellent
1561	05/03/21 12:00:00	10.45	16.14					10.56577276	109.1032993			0.12	1.11	Excellent
1562	05/03/21 12:30:00	10.41	16.22					10.52657264	108.8828222			0.12	1.12	Excellent
1563	05/03/21 13:00:00	10.39	16.28					10.50758932	108.8244894			0.12	1.13	Excellent
1564	05/03/21 13:30:00	10.30	16.32					10.41780064	107.9858195			0.12	1.14	Excellent
1565	05/03/21 14:00:00	10.22	16.38					10.33810603	107.2956002			0.12	1.16	Excellent
1566	05/03/21 14:30:00	10.23	16.46					10.34944313	107.594659			0.12	1.17	Excellent
1567	05/03/21 15:00:00	10.17	16.52					10.28995696	107.1115353			0.12	1.18	Excellent
1568	05/03/21 15:30:00	10.17	16.60					10.29117134	107.3046587			0.12	1.19	Excellent
1569	05/03/21 16:00:00	10.12	16.68					10.24178401	106.969382			0.12	1.20	Excellent
1570	05/03/21 16:30:00	10.06	16.70					10.18226321	106.3923905			0.12	1.22	Excellent
1571	05/03/21 17:00:00	10.01	16.76					10.13285081	106.0094673			0.12	1.23	Excellent
1572	05/03/21 17:30:00	9.98	16.82					10.10367431	105.837251			0.12	1.24	Excellent
1573	05/03/21 18:00:00	9.95	16.88					10.07449065	105.6642254			0.12	1.25	Excellent
1574	05/03/21 18:30:00	9.90	16.92					10.0250472	105.2336839			0.13	1.26	Excellent
1575	05/03/21 19:00:00	9.85	16.94					9.975591816	104.7583533			0.13	1.28	Excellent
1576	05/03/21 19:30:00	9.86	16.96					9.986896678	104.9209308			0.13	1.29	Excellent
1577	05/03/21 20:00:00	9.83	16.96					9.957684359	104.6140302			0.13	1.30	Excellent
1578	05/03/21 20:30:00	9.84	16.94					9.968989221	104.6890164			0.13	1.31	Excellent
1579	05/03/21 21:00:00	9.83	16.92					9.96003191	104.5512134			0.13	1.32	Excellent
1580	05/03/21 21:30:00	9.78	16.90					9.910538312	103.9881583			0.13	1.33	Excellent
1581	05/03/21 22:00:00	9.77	16.88					9.901571449	103.8505979			0.13	1.35	Excellent
1582	05/03/21 22:30:00	9.77	16.88					9.90273806	103.8628336			0.13	1.36	Excellent
1583	05/03/21 23:00:00	9.75	16.86					9.883630558	103.619037			0.13	1.37	Excellent
1584	05/03/21 23:30:00	9.71	16.86				11.379	9.844241777	103.2060888		11.306	0.13	1.38	Excellent
1585	05/04/21 00:00:00	9.75	16.86	9.35	9.75	9.54271		9.885959004	103.6434482	9.542		0.14	1.39	Excellent
1586	05/04/21 00:30:00	9.70	16.86					9.836420031	103.1240864			0.14	1.41	Excellent
1587	05/04/21 01:00:00	9.68	16.86					9.817294618	102.9235774			0.14	1.42	Excellent
1588	05/04/21 01:30:00	9.65	16.84					9.7880214	102.5737117			0.14	1.43	Excellent
1589	05/04/21 02:00:00	9.60	16.84					9.738452576	102.0542545			0.14	1.44	Excellent
1590	05/04/21 02:30:00	9.64	16.82					9.78018055	102.4486134			0.14	1.45	Excellent
1591	05/04/21 03:00:00	9.64	16.80					9.781331638	102.4177399			0.14	1.47	Excellent
1592	05/04/21 03:30:00	9.55	16.80					9.691152493	101.4734979			0.14	1.48	Excellent
1593	05/04/21 04:00:00	9.53	16.78					9.67199484	101.2304553			0.14	1.49	Excellent
1594	05/04/21 04:30:00	9.55	16.78					9.693433177	101.4548364			0.14	1.50	Excellent
1595	05/04/21 05:00:00	9.47	16.76					9.613362432	100.5746013			0.14	1.51	Excellent
1596	05/04/21 05:30:00	9.48	16.76					9.624645801	100.6926475			0.14	1.53	Excellent
1597	05/04/21 06:00:00	9.47	16.74					9.61562401	100.5560687			0.15	1.54	Excellent
1598	05/04/21 06:30:00	9.43	16.74					9.576134926	100.1431088			0.15	1.55	Excellent
1599	05/04/21 07:00:00	9.43	16.74					9.577260939	100.1548841			0.15	1.56	Excellent
1600	05/04/21 07:30:00	9.40	16.74					9.547914883	99.84799568			0.15	1.57	Excellent
1601	05/04/21 08:00:00	9.41	16.74					9.559195864	99.96596734			0.15	1.59	Excellent
1602	05/04/21 08:30:00	9.39	16.76					9.54	99.80708659			0.15	1.60	Excellent
1603	05/04/21 09:00:00	9.59	16.80					9.50	98.16190534			-0.09	-0.94	Excellent
1604	05/04/21 09:30:00	9.62	16.78					9.529879488	98.4294043			-0.09	-0.94	Excellent
1605	05/04/21 10:00:00	9.63	16.80					9.539947006	98.57467105			-0.09	-0.94	Excellent
1606	05/04/21 10:30:00	9.63	16.82					9.540108204	98.6176252			-0.09	-0.93	Excellent
1607	05/04/21 11:00:00	9.67	16.82					9.57989669	99.02892514			-0.09	-0.93	Excellent
1608	05/04/21 11:30:00	9.64	16.84					9.55033759	98.76470425			-0.09	-0.93	Excellent
1609	05/04/21 12:00:00	9.66	16.88					9.570313269	99.05413836			-0.09	-0.93	Excellent
1610	05/04/21 12:30:00	9.67	16.92					9.580382293	99.24131119			-0.09	-0.93	Excellent
1611	05/04/21 13:00:00	9.65	16.92					9.560729179	99.03772841			-0.09	-0.93	Excellent
1612	05/04/21 13:30:00	9.64	16.96					9.550983053	99.01948644			-0.09	-0.92	Excellent
1613	05/04/21 14:00:00	9.64	17.00					9.551144419	99.10389088			-0.09	-0.92	Excellent
1614	05/04/21 14:30:00	9.66	17.04					9.571121772	99.39409684			-0.09	-0.92	Excellent
1615	05/04/21 15:00:00	9.62	17.06					9.531650828	99.02549275			-0.09	-0.92	Excellent

1616	05/04/21 15:30:00	9.62	17.06					9.531811859	99.02716572			-0.09	-0.92	Excellent
1617	05/04/21 16:00:00	9.62	17.08					9.53197289	99.07013693			-0.09	-0.92	Excellent
1618	05/04/21 16:30:00	9.60	17.12					9.512316595	98.94827657			-0.09	-0.91	Excellent
1619	05/04/21 17:00:00	9.59	17.16					9.502568461	98.929241			-0.09	-0.91	Excellent
1620	05/04/21 17:30:00	9.56	17.18					9.473001996	98.66249061			-0.09	-0.91	Excellent
1621	05/04/21 18:00:00	9.52	17.20					9.433525361	98.29222871			-0.09	-0.91	Excellent
1622	05/04/21 18:30:00	9.49	17.22					9.40395672	98.02490683			-0.09	-0.91	Excellent
1623	05/04/21 19:00:00	9.46	17.22					9.374387075	97.71667894			-0.09	-0.90	Excellent
1624	05/04/21 19:30:00	9.44	17.24					9.354726093	97.55229423			-0.09	-0.90	Excellent
1625	05/04/21 20:00:00	9.42	17.26					9.335064441	97.38773541			-0.08	-0.90	Excellent
1626	05/04/21 20:30:00	9.40	17.28					9.31540212	97.22300246			-0.08	-0.90	Excellent
1627	05/04/21 21:00:00	9.40	17.28					9.315559468	97.22464468			-0.08	-0.90	Excellent
1628	05/04/21 21:30:00	9.38	17.26					9.295896142	96.9791135			-0.08	-0.90	Excellent
1629	05/04/21 22:00:00	9.38	17.24					9.296053156	96.94044525			-0.08	-0.89	Excellent
1630	05/04/21 22:30:00	9.37	17.24					9.286299498	96.83873284			-0.08	-0.89	Excellent
1631	05/04/21 23:00:00	9.35	17.24					9.266634665	96.63366542			-0.08	-0.89	Excellent
1632	05/04/21 23:30:00	9.36	17.28				11.007	9.276702183	96.81909891		10.968	-0.08	-0.89	Excellent
1633	05/05/21 00:00:00	9.33	17.34	8.84	9.33	8.99708		9.24712534	96.63072366	8.921		-0.08	-0.89	Excellent
1634	05/05/21 00:30:00	9.31	17.38					9.227458834	96.50526662			-0.08	-0.89	Excellent
1635	05/05/21 01:00:00	9.30	17.38					9.217703167	96.40323709			-0.08	-0.88	Excellent
1636	05/05/21 01:30:00	9.27	17.34					9.188123813	96.01416877			-0.08	-0.88	Excellent
1637	05/05/21 02:00:00	9.24	17.28					9.158543454	95.58589972			-0.08	-0.88	Excellent
1638	05/05/21 02:30:00	9.22	17.22					9.138874103	95.26174025			-0.08	-0.88	Excellent
1639	05/05/21 03:00:00	9.20	17.14					9.119204081	94.89859205			-0.08	-0.88	Excellent
1640	05/05/21 03:30:00	9.17	17.08					9.089621045	94.47257266			-0.08	-0.88	Excellent
1641	05/05/21 04:00:00	9.15	17.02					9.069949517	94.15023793			-0.08	-0.87	Excellent
1642	05/05/21 04:30:00	9.14	16.98					9.06019	93.97044423			-0.08	-0.87	Excellent
1643	05/05/21 05:00:00	9.11	16.94					9.030604452	93.5853729			-0.08	-0.87	Excellent
1644	05/05/21 05:30:00	9.08	16.90					9.0010179	93.20081672			-0.08	-0.87	Excellent
1645	05/05/21 06:00:00	9.06	16.88					8.981343527	92.95821562			-0.08	-0.87	Excellent
1646	05/05/21 06:30:00	9.05	16.84					8.971581833	92.77950838			-0.08	-0.87	Excellent
1647	05/05/21 07:00:00	9.03	16.80					8.951906288	92.49854502			-0.08	-0.86	Excellent
1648	05/05/21 07:30:00	9.01	16.76					8.932230073	92.21792838			-0.08	-0.86	Excellent
1649	05/05/21 08:00:00	8.99	16.72					8.912553189	91.9376584			-0.08	-0.86	Excellent
1650	05/05/21 08:30:00	8.99	16.72					8.912703674	91.93921074			-0.08	-0.86	Excellent
1651	05/05/21 09:00:00	8.98	16.72					8.902939972	91.83849303			-0.08	-0.86	Excellent
1652	05/05/21 09:30:00	8.97	16.74					8.893175936	91.77624759			-0.08	-0.86	Excellent
1653	05/05/21 10:00:00	8.97	16.74					8.893326086	91.77779712			-0.08	-0.85	Excellent
1654	05/05/21 10:30:00	8.95	16.76					8.873646858	91.61310488			-0.08	-0.85	Excellent
1655	05/05/21 11:00:00	8.94	16.76					8.863881817	91.51228886			-0.08	-0.85	Excellent
1656	05/05/21 11:30:00	8.93	16.76					8.854116442	91.41146939			-0.08	-0.85	Excellent
1657	05/05/21 12:00:00	8.93	16.78					8.854265923	91.45132647			-0.08	-0.85	Excellent
1658	05/05/21 12:30:00	8.92	16.84					8.844500045	91.46529355			-0.08	-0.85	Excellent
1659	05/05/21 13:00:00	8.93	16.90					8.854564885	91.6843726			-0.08	-0.84	Excellent
1660	05/05/21 13:30:00	8.94	16.94					8.864630059	91.86535786			-0.08	-0.84	Excellent
1661	05/05/21 14:00:00	8.92	16.96					8.844947985	91.6996923			-0.08	-0.84	Excellent
1662	05/05/21 14:30:00	8.95	16.96					8.874845384	92.00965254			-0.08	-0.84	Excellent
1663	05/05/21 15:00:00	8.92	16.96					8.845246613	91.7027883			-0.07	-0.84	Excellent
1664	05/05/21 15:30:00	8.92	17.02					8.845395926	91.81926861			-0.07	-0.84	Excellent
1665	05/05/21 16:00:00	8.91	17.08					8.835628709	91.83271461			-0.07	-0.83	Excellent
1666	05/05/21 16:30:00	8.91	17.14					8.835777855	91.94912962			-0.07	-0.83	Excellent
1667	05/05/21 17:00:00	8.90	17.18					8.826010136	91.92399015			-0.07	-0.83	Excellent
1668	05/05/21 17:30:00	8.90	17.22					8.826159115	92.00206367			-0.07	-0.83	Excellent
1669	05/05/21 18:00:00	8.90	17.26					8.826308094	92.0801525			-0.07	-0.83	Excellent
1670	05/05/21 18:30:00	8.89	17.30					8.816539705	92.05470802			-0.07	-0.83	Excellent
1671	05/05/21 19:00:00	8.88	17.32					8.806770981	91.99090577			-0.07	-0.82	Excellent
1672	05/05/21 19:30:00	8.87	17.36					8.797001923	91.96517676			-0.07	-0.82	Excellent
1673	05/05/21 20:00:00	8.87	17.38					8.7971504	92.00489106			-0.07	-0.82	Excellent
1674	05/05/21 20:30:00	8.85	17.38					8.777462802	91.79898856			-0.07	-0.82	Excellent
1675	05/05/21 21:00:00	8.85	17.38					8.777610944	91.8005379			-0.07	-0.82	Excellent
1676	05/05/21 21:30:00	8.86	17.38					8.787677458	91.90581841			-0.07	-0.82	Excellent
1677	05/05/21 22:00:00	8.84	17.36					8.767988688	91.66186805			-0.07	-0.81	Excellent
1678	05/05/21 22:30:00	8.86	17.38					8.787974076	91.90892059			-0.07	-0.81	Excellent
1679	05/05/21 23:00:00	8.87	17.38					8.798041259	92.01420811			-0.07	-0.81	Excellent
1680	05/05/21 23:30:00	8.88	17.38				10.544	8.808108777	92.11949912		10.525	-0.07	-0.81	Excellent
1681	05/06/21 00:00:00	8.89	17.38	8.89	9.30	9.04854		8.81817663	92.22479364	8.979		-0.07	-0.81	Excellent
1682	05/06/21 00:30:00	8.90	17.36					8.828244817	92.29179466			-0.07	-0.81	Excellent
1683	05/06/21 01:00:00	8.90	17.36					8.828393796	92.29335211			-0.07	-0.80	Excellent
1684	05/06/21 01:30:00	8.91	17.32					8.838462486	92.32193859			-0.07	-0.80	Excellent
1685	05/06/21 02:00:00	8.91	17.30					8.838611632	92.28516406			-0.07	-0.80	Excellent
1686	05/06/21 02:30:00	8.93	17.26					8.85860087	92.41704576			-0.07	-0.80	Excellent
1687	05/06/21 03:00:00	8.92	17.24					8.848830138	92.27674574			-0.07	-0.80	Excellent
1688	05/06/21 03:30:00	8.93	17.22					8.858899832	92.34334615			-0.07	-0.80	Excellent
1689	05/06/21 04:00:00	8.92	17.18					8.849128765	92.16477353			-0.07	-0.79	Excellent
1690	05/06/21 04:30:00	8.93	17.14					8.859198794	92.19285857			-0.07	-0.79	Excellent
1691	05/06/21 05:00:00	8.91	17.10					8.839506509	91.9113196			-0.07	-0.79	Excellent
1692	05/06/21 05:30:00	8.91	17.06					8.839655655	91.83626979			-0.07	-0.79	Excellent
1693	05/06/21 06:00:00	8.93	17.02					8.859647236	91.96720376			-0.07	-0.79	Excellent
1694	05/06/21 06:30:00	8.92	16.98					8.849875332	91.78910336			-0.07	-0.79	Excellent
1695	05/06/21 07:00:00	8.92	16.94					8.850024646	91.71399999			-0.07	-0.78	Excellent
1696	05/06/21 07:30:00	8.92	16.92					8.85017396	91.67722551			-0.07	-0.78	Excellent
1697	05/06/21 08:00:00	8.92	16.90					8.850323273	91.64045294			-0.07	-0.78	Excellent
1698	05/06/21 08:30:00	8.93	16.88					8.860394641	91.70637701			-0.07	-0.78	Excellent
1699	05/06/21 09:00:00	8.94	16.84					8.870466344	91.73382373			-0.07	-0.78	Excellent
1700	05/06/21 09:30:00	8.94	16.84					8.870615992	91.73537131			-0.07	-0.78	Excellent
1701	05/06/21 10:00:00	8.94	16.84					8.870765641	91.7369189			-0.07	-0.77	Excellent
1702	05/06/21 10:30:00	8.97	16.86					8.900683461	92.08484131			-0.07	-0.77	Excellent
1703	05/06/21 11:00:00	8.97	16.92					8.900833611	92.20199896			-0.07	-0.77	Excellent
1704	05/06/21 11:30:00	8.96	16.96					8.891060703	92.1777643			-0.07	-0.77	Excellent
1705	05/06/21 12:00:00	8.99	17.02					8.920980365	92.60386977			-0.07	-0.77	Excellent
1706	05/06/21 12:30:00	9.00	17.06					8.931054244	92.78582096			-0.07	-0.77	Excellent
1707	05/06/21 13:00:00	9.01	17.08					8.941128458	92.92922156			-0.07	-0.76	Excellent
1708	05/06/21 13:30:00	9.04	17.12					8.971050463	93.31796029			-0.07	-0.76	Excellent
1709	05/06/21 14:00:00	9.06	17.14					8.991049577	93.56495789			-0.07	-0.76	Excellent
1710	05/06/21 14:30:00	9.08	17.18					9.01104936	93.85119661			-0.07	-0.76	Excellent
1711	05/06/21 15:00:00	9.10	17.20					9.031049813	94.09865132			-0.07	-0.76	Excellent
1712	05/06/21 15:30:00	9.13	17.24					9.060975333	94.4890233			-0.07	-0.76	Excellent
1713	05/06/21 16:00:00	9.16	17.28					9.090901858	94.87993781			-0.07	-0.75	Excellent
1714	05/06/21 16:30:00	9.19	17.32					9.120829387	95.27139499			-0.07	-0.75	Excellent
1715	05/06/21 17:00:00	9.21	17.34					9.140833021	95.51998887			-0.07	-0.75	Excellent
1716	05/06/21 17:30:00	9.21	17.38					9.140987189	95.60090396			-0.07	-0.75	Excellent
1717	05/06/21 18:00:00	9.22	17.44					9.151066591	95.82543119			-0.07	-0.75	Excellent
1718	05/06/21 18:30:00	9.23	17.48					9.161146329	96.01049305			-0.07	-0.75	Excellent
1719	05/06/21 19:00:00	9.22	17.52					9.151375262	95.98753064			-0.07	-0.74	Excellent
1720	05/06/21 19:30:00	9.21	17.56					9.14160386	95.96440818			-0.07	-0.74	Excellent
1721	05/06/21 20:00:00	9.21	17.58					9.141758028	96.00571636			-0.07	-0.74	Excellent
1722	05/06/21 20:30:00	9.22	17.60					9.151838268	96.15131474			-0.07	-0.74	Excellent
1723	05/06/21 21:00:00	9.25	17.62					9.181771321	96.50566836			-0.07	-0.74	Excellent
1724	05/06/21 21:30:00	9.25	17.62					9.181926159	96.50729579			-0.07	-0.74	Excellent
1725	05/06/21 22:00:00	9.26	17.58					9.19200757	96.53343141			-0.07	-0.73	Excellent
1726	05/06/21 22:30:00	9.27	17.52					9.202089316	96.51946346			-0.07	-0.73	Excellent
1727	05/06/21 23:00:00	9.29	17.46					9.222098306	96.60925886			-0.07	-0.73	Excellent
1728	05/06/21 23:30:00	9.30	17.40				10.064	9.23218089	96.59470477		10.056	-0.07	-0.73	Excellent
1729	05/07/21 00:00:00	9.29	17.36	9.16	9.52	9.29833		9.22240932	96.41244946	9.234		-0.07	-0.73	Excellent
1730	05/07/21 00:30:00	9.29	17.30					9.222564827	96.29407237			-0.07	-0.73	Excellent
1731	05/07/21 01:00:00	9.29	17.26					9.222720334	96.21570943			-0.07	-0.72	Excellent

1732	05/07/21 01:30:00	9.29	17.22					9.222875842	96.13735707			-0.07	-0.72	Excellent
1733	05/07/21 02:00:00	9.28	17.18					9.213103435	95.95561487			-0.07	-0.72	Excellent
1734	05/07/21 02:30:00	9.27	17.12					9.203330694	95.73416757			-0.07	-0.72	Excellent
1735	05/07/21 03:00:00	9.26	17.06					9.193557619	95.51300081			-0.07	-0.72	Excellent
1736	05/07/21 03:30:00	9.25	17.00					9.183784208	95.29211455			-0.07	-0.72	Excellent
1737	05/07/21 04:00:00	9.25	16.94					9.183939046	95.17439999			-0.07	-0.71	Excellent
1738	05/07/21 04:30:00	9.24	16.90					9.174165133	94.99366546			-0.07	-0.71	Excellent
1739	05/07/21 05:00:00	9.23	16.86					9.164390886	94.81311004			-0.07	-0.71	Excellent
1740	05/07/21 05:30:00	9.21	16.82					9.144687218	94.53009519			-0.07	-0.71	Excellent
1741	05/07/21 06:00:00	9.19	16.80					9.124982882	94.28691641			-0.07	-0.71	Excellent
1742	05/07/21 06:30:00	9.19	16.78					9.125136715	94.2490167			-0.06	-0.71	Excellent
1743	05/07/21 07:00:00	9.18	16.78					9.115360961	94.14804778			-0.06	-0.70	Excellent
1744	05/07/21 07:30:00	9.17	16.76					9.105584872	94.00767409			-0.06	-0.70	Excellent
1745	05/07/21 08:00:00	9.18	16.78					9.115668292	94.15122206			-0.06	-0.70	Excellent
1746	05/07/21 08:30:00	9.18	16.78					9.115821958	94.15280919			-0.06	-0.70	Excellent
1747	05/07/21 09:00:00	9.17	16.78					9.106045367	94.05183163			-0.06	-0.70	Excellent
1748	05/07/21 09:30:00	9.16	16.76					9.096268441	93.91148961			-0.06	-0.70	Excellent
1749	05/07/21 10:00:00	9.17	16.76					9.106352364	94.01559781			-0.06	-0.69	Excellent
1750	05/07/21 10:30:00	9.20	16.74					9.136298139	94.28523241			-0.06	-0.69	Excellent
1751	05/07/21 11:00:00	9.22	16.78					9.156313992	94.57103135			-0.06	-0.69	Excellent
1752	05/07/21 11:30:00	9.24	16.82					9.176330514	94.857197			-0.06	-0.69	Excellent
1753	05/07/21 12:00:00	9.25	16.86					9.186416445	95.04098245			-0.06	-0.69	Excellent
1754	05/07/21 12:30:00	9.27	16.92					9.20643414	95.36765522			-0.06	-0.69	Excellent
1755	05/07/21 13:00:00	9.26	16.96					9.196657716	95.34603076			-0.06	-0.68	Excellent
1756	05/07/21 13:30:00	9.27	17.00					9.206744484	95.5303533			-0.06	-0.68	Excellent
1757	05/07/21 14:00:00	9.28	17.04					9.216831587	95.71486741			-0.06	-0.68	Excellent
1758	05/07/21 14:30:00	9.29	17.06					9.226919025	95.85959656			-0.06	-0.68	Excellent
1759	05/07/21 15:00:00	9.29	17.08					9.227074532	95.90118938			-0.06	-0.68	Excellent
1760	05/07/21 15:30:00	9.30	17.08					9.237162472	96.00603793			-0.06	-0.68	Excellent
1761	05/07/21 16:00:00	9.30	17.10					9.237318146	96.04768089			-0.06	-0.67	Excellent
1762	05/07/21 16:30:00	9.30	17.10					9.23747382	96.04929956			-0.06	-0.67	Excellent
1763	05/07/21 17:00:00	9.33	17.10					9.2674283	96.3607599			-0.06	-0.67	Excellent
1764	05/07/21 17:30:00	9.34	17.08					9.277517579	96.42546695			-0.06	-0.67	Excellent
1765	05/07/21 18:00:00	9.34	17.04					9.277673923	96.34670233			-0.06	-0.67	Excellent
1766	05/07/21 18:30:00	9.39	16.98					9.327497452	96.74290265			-0.06	-0.67	Excellent
1767	05/07/21 19:00:00	9.42	16.90					9.357455447	96.89154046			-0.06	-0.66	Excellent
1768	05/07/21 19:30:00	9.48	16.82					9.417215761	97.34726635			-0.06	-0.66	Excellent
1769	05/07/21 20:00:00	9.49	16.78					9.427308388	97.36999822			-0.06	-0.66	Excellent
1770	05/07/21 20:30:00	9.49	16.74					9.427467243	97.29005409			-0.06	-0.66	Excellent
1771	05/07/21 21:00:00	9.52	16.72					9.45742892	97.55833721			-0.06	-0.66	Excellent
1772	05/07/21 21:30:00	9.51	16.70					9.447653836	97.41663091			-0.06	-0.66	Excellent
1773	05/07/21 22:00:00	9.49	16.70					9.427943808	97.21339691			-0.06	-0.65	Excellent
1774	05/07/21 22:30:00	9.46	16.68					9.398298334	96.86706232			-0.06	-0.65	Excellent
1775	05/07/21 23:00:00	9.43	16.68					9.368651855	96.56149985			-0.06	-0.65	Excellent
1776	05/07/21 23:30:00	9.42	16.64				9.731	9.358874595	96.37976972		9.725	-0.06	-0.65	Excellent
1777	05/08/21 00:00:00	9.42	16.60	9.33	9.70	9.50521		9.359032278	96.30044874	9.447		-0.06	-0.65	Excellent
1778	05/08/21 00:30:00	9.43	16.54					9.369125407	96.28278022			-0.06	-0.65	Excellent
1779	05/08/21 01:00:00	9.42	16.46					9.359347644	96.02048511			-0.06	-0.64	Excellent
1780	05/08/21 01:30:00	9.40	16.42					9.339633766	95.73751875			-0.06	-0.64	Excellent
1781	05/08/21 02:00:00	9.39	16.36					9.329855167	95.51636076			-0.06	-0.64	Excellent
1782	05/08/21 02:30:00	9.37	16.30					9.310140117	95.19388933			-0.06	-0.64	Excellent
1783	05/08/21 03:00:00	9.36	16.26					9.30036068	95.01357565			-0.06	-0.64	Excellent
1784	05/08/21 03:30:00	9.35	16.22					9.290580909	94.83344117			-0.06	-0.64	Excellent
1785	05/08/21 04:00:00	9.34	16.18					9.280800803	94.65348588			-0.06	-0.63	Excellent
1786	05/08/21 04:30:00	9.34	16.12					9.280957147	94.53491656			-0.06	-0.63	Excellent
1787	05/08/21 05:00:00	9.34	16.06					9.281113491	94.41637412			-0.06	-0.63	Excellent
1788	05/08/21 05:30:00	9.35	16.00					9.291206954	94.39881991			-0.06	-0.63	Excellent
1789	05/08/21 06:00:00	9.33	15.96					9.271488892	94.118515			-0.06	-0.63	Excellent
1790	05/08/21 06:30:00	9.36	15.92					9.301457432	94.34252367			-0.06	-0.63	Excellent
1791	05/08/21 07:00:00	9.39	15.88					9.331426976	94.56603952			-0.06	-0.62	Excellent
1792	05/08/21 07:30:00	9.41	15.84					9.351459736	94.68843736			-0.06	-0.62	Excellent
1793	05/08/21 08:00:00	9.47	15.80					9.411244992	95.21267604			-0.06	-0.62	Excellent
1794	05/08/21 08:30:00	9.47	15.80					9.411403512	95.21427977			-0.06	-0.62	Excellent
1795	05/08/21 09:00:00	9.44	15.80					9.381747158	94.91424924			-0.06	-0.62	Excellent
1796	05/08/21 09:30:00	9.47	15.78					9.411720552	95.17693125			-0.06	-0.62	Excellent
1797	05/08/21 10:00:00	9.46	15.80					9.401940446	95.11854283			-0.06	-0.61	Excellent
1798	05/08/21 10:30:00	9.47	15.82					9.412037592	95.26125557			-0.06	-0.61	Excellent
1799	05/08/21 11:00:00	9.47	15.82					9.412196112	95.26285999			-0.06	-0.61	Excellent
1800	05/08/21 11:30:00	9.48	15.80					9.422293761	95.32445539			-0.06	-0.61	Excellent
1801	05/08/21 12:00:00	9.48	15.82					9.422452448	95.36666657			-0.06	-0.61	Excellent
1802	05/08/21 12:30:00	9.47	15.84					9.412671673	95.30824035			-0.06	-0.61	Excellent
1803	05/08/21 13:00:00	9.50	15.84					9.442649085	95.61177737			-0.06	-0.60	Excellent
1804	05/08/21 13:30:00	9.53	15.84					9.472627501	95.91532457			-0.06	-0.60	Excellent
1805	05/08/21 14:00:00	9.54	15.86					9.482726991	96.05845978			-0.06	-0.60	Excellent
1806	05/08/21 14:30:00	9.54	15.80					9.482886683	95.93746825			-0.06	-0.60	Excellent
1807	05/08/21 15:00:00	9.56	15.80					9.502926975	96.140214			-0.06	-0.60	Excellent
1808	05/08/21 15:30:00	9.56	15.84					9.503087001	96.223743			-0.06	-0.60	Excellent
1809	05/08/21 16:00:00	9.56	15.82					9.503247028	96.18440587			-0.06	-0.59	Excellent
1810	05/08/21 16:30:00	9.57	15.80					9.513347857	96.24564108			-0.06	-0.59	Excellent
1811	05/08/21 17:00:00	9.58	15.80					9.523449021	96.3478336			-0.06	-0.59	Excellent
1812	05/08/21 17:30:00	9.61	15.78					9.553432794	96.61000996			-0.06	-0.59	Excellent
1813	05/08/21 18:00:00	9.61	15.76					9.553593657	96.57047295			-0.06	-0.59	Excellent
1814	05/08/21 18:30:00	9.62	15.72					9.563695993	96.59018642			-0.06	-0.59	Excellent
1815	05/08/21 19:00:00	9.65	15.70					9.593681942	96.85170893			-0.06	-0.58	Excellent
1816	05/08/21 19:30:00	9.67	15.66					9.613727088	96.97125866			-0.06	-0.58	Excellent
1817	05/08/21 20:00:00	9.68	15.64					9.62383093	97.03172882			-0.06	-0.58	Excellent
1818	05/08/21 20:30:00	9.68	15.64					9.623992966	97.03336253			-0.06	-0.58	Excellent
1819	05/08/21 21:00:00	9.66	15.62					9.604270383	96.79315379			-0.06	-0.58	Excellent
1820	05/08/21 21:30:00	9.69	15.62					9.634259513	97.09538835			-0.06	-0.58	Excellent
1821	05/08/21 22:00:00	9.68	15.58					9.624479072	96.91394268			-0.06	-0.57	Excellent
1822	05/08/21 22:30:00	9.69	15.54					9.634583918	96.93274413			-0.06	-0.57	Excellent
1823	05/08/21 23:00:00	9.69	15.50					9.634746121	96.85143958			-0.06	-0.57	Excellent
1824	05/08/21 23:30:00	9.70	15.46				9.628	9.644851469	96.87001275		9.614	-0.06	-0.57	Excellent
1825	05/09/21 00:00:00	9.69	15.40	9.49	9.91	9.64354		9.635070526	96.64741606	9.593		-0.05	-0.57	Excellent
1826	05/09/21 00:30:00	9.69	15.36					9.635232729	96.56615335			-0.05	-0.57	Excellent
1827	05/09/21 01:00:00	9.66	15.32					9.605563988	96.18618758			-0.05	-0.56	Excellent
1828	05/09/21 01:30:00	9.65	15.26					9.595781873	95.96445704			-0.05	-0.56	Excellent
1829	05/09/21 02:00:00	9.62	15.22					9.566111457	95.58548803			-0.05	-0.56	Excellent
1830	05/09/21 02:30:00	9.60	15.18					9.546384188	95.30631109			-0.05	-0.56	Excellent
1831	05/09/21 03:00:00	9.57	15.14					9.516711931	94.92828752			-0.05	-0.56	Excellent
1832	05/09/21 03:30:00	9.57	15.08					9.516872125	94.8072246			-0.05	-0.56	Excellent
1833	05/09/21 04:00:00	9.56	15.04					9.507087667	94.62808001			-0.05	-0.55	Excellent
1834	05/09/21 04:30:00	9.55	15.00					9.497302874	94.44911473			-0.05	-0.55	Excellent
1835	05/09/21 05:00:00	9.54	14.96					9.487517746	94.27032873			-0.05	-0.55	Excellent
1836	05/09/21 05:30:00	9.50	14.94					9.44789682	93.83608368			-0.05	-0.55	Excellent
1837	05/09/21 06:00:00	9.52	14.90					9.467946486	93.95393141			-0.05	-0.55	Excellent
1838	05/09/21 06:30:00	9.53	14.86					9.478051332	93.97284869			-0.05	-0.55	Excellent
1839	05/09/21 07:00:00	9.50	14.84					9.448373886	93.63805757			-0.05	-0.54	Excellent
1840	05/09/21 07:30:00	9.49	14.82					9.438587085	93.50056555			-0.05	-0.54	Excellent
1841	05/09/21 08:00:00	9.53	14.82					9.478529906	93.89624727			-0.05	-0.54	Excellent
1842	05/09/21 08:30:00	9.51	14.80					9.458797112	93.66018715			-0.05	-0.54	Excellent
1843	05/09/21 09:00:00	9.52	14.78					9.468902628	93.71962834			-0.05	-0.54	Excellent
1844	05/09/21 09:30:00	9.53	14.76					9.479008479	93.77898979			-0.05	-0.54	Excellent
1845	05/09/21 10:00:00	9.52	14.76					9.469221342	93.68216238			-0.05	-0.53	Excellent
1846	05/09/21 10:30:00	9.51	14.76					9.459433871	93.58533167			-0.05	-0.53	Excellent
1847	05/09/21 11:00:00	9.54	14.78					9.489434048	93.92284059			-0.05	-0.53	Excellent

1848	05/09/21 11:30:00	9.52	14.76					9.469699413	93.6868921			-0.05	-0.53	Excellent
1849	05/09/21 12:00:00	9.56	14.74					9.509648093	94.04132748			-0.05	-0.53	Excellent
1850	05/09/21 12:30:00	9.58	14.74					9.529703116	94.23965248			-0.05	-0.53	Excellent
1851	05/09/21 13:00:00	9.61	14.74					9.559706473	94.536357			-0.05	-0.52	Excellent
1852	05/09/21 13:30:00	9.61	14.74					9.559867337	94.53794779			-0.05	-0.52	Excellent
1853	05/09/21 14:00:00	9.64	14.76					9.589872201	94.87580154			-0.05	-0.52	Excellent
1854	05/09/21 14:30:00	9.61	14.78					9.560189064	94.62314707			-0.05	-0.52	Excellent
1855	05/09/21 15:00:00	9.63	14.80					9.580246598	94.86276941			-0.05	-0.52	Excellent
1856	05/09/21 15:30:00	9.62	14.82					9.570459294	94.80691851			-0.05	-0.51	Excellent
1857	05/09/21 16:00:00	9.63	14.82					9.580568994	94.90706726			-0.05	-0.51	Excellent
1858	05/09/21 16:30:00	9.66	14.80					9.610576704	95.16309549			-0.05	-0.51	Excellent
1859	05/09/21 17:00:00	9.69	14.78					9.640585419	95.41887987			-0.05	-0.51	Excellent
1860	05/09/21 17:30:00	9.71	14.74					9.660645965	95.53455207			-0.05	-0.51	Excellent
1861	05/09/21 18:00:00	9.71	14.72					9.660808503	95.49472454			-0.05	-0.51	Excellent
1862	05/09/21 18:30:00	9.78	14.68					9.730617587	96.10131296			-0.05	-0.50	Excellent
1863	05/09/21 19:00:00	9.79	14.64					9.740730971	96.1176656			-0.05	-0.50	Excellent
1864	05/09/21 19:30:00	9.80	14.60					9.750844689	96.1338632			-0.05	-0.50	Excellent
1865	05/09/21 20:00:00	9.81	14.56					9.760958742	96.14990583			-0.05	-0.50	Excellent
1866	05/09/21 20:30:00	9.82	14.54					9.77107313	96.20766346			-0.05	-0.50	Excellent
1867	05/09/21 21:00:00	9.82	14.50					9.771237508	96.12554453			-0.05	-0.50	Excellent
1868	05/09/21 21:30:00	9.83	14.46					9.781352398	96.1412419			-0.05	-0.49	Excellent
1869	05/09/21 22:00:00	9.86	14.40					9.81136898	96.31020548			-0.05	-0.49	Excellent
1870	05/09/21 22:30:00	9.89	14.34					9.841386566	96.47844212			-0.05	-0.49	Excellent
1871	05/09/21 23:00:00	9.90	14.30					9.85150313	96.49326985			-0.05	-0.49	Excellent
1872	05/09/21 23:30:00	9.91	14.26				9.504	9.861620028	96.5079431		9.474	-0.05	-0.49	Excellent
1873	05/10/21 00:00:00	9.89	14.24	9.85	10.65	10.25271		9.841883218	96.27267492	10.207		-0.05	-0.49	Excellent
1874	05/10/21 00:30:00	9.86	14.22					9.812194222	95.94027048			-0.05	-0.48	Excellent
1875	05/10/21 01:00:00	9.88	14.22					9.832262636	96.13649255			-0.05	-0.48	Excellent
1876	05/10/21 01:30:00	9.87	14.22					9.822476169	96.04080383			-0.05	-0.48	Excellent
1877	05/10/21 02:00:00	9.86	14.20					9.812689367	95.903125			-0.05	-0.48	Excellent
1878	05/10/21 02:30:00	9.86	14.18					9.812854415	95.86275441			-0.05	-0.48	Excellent
1879	05/10/21 03:00:00	9.86	14.16					9.813019464	95.82238626			-0.05	-0.48	Excellent
1880	05/10/21 03:30:00	9.85	14.12					9.803231992	95.64294764			-0.05	-0.47	Excellent
1881	05/10/21 04:00:00	9.88	14.10					9.833254935	95.89380403			-0.05	-0.47	Excellent
1882	05/10/21 04:30:00	9.88	14.06					9.833420318	95.81131617			-0.05	-0.47	Excellent
1883	05/10/21 05:00:00	9.88	14.00					9.833585701	95.68680362			-0.05	-0.47	Excellent
1884	05/10/21 05:30:00	9.93	13.94					9.883517031	96.0459369			-0.05	-0.47	Excellent
1885	05/10/21 06:00:00	9.97	13.86					9.923496678	96.26485024			-0.05	-0.47	Excellent
1886	05/10/21 06:30:00	9.99	13.82					9.943570616	96.37463346			-0.05	-0.46	Excellent
1887	05/10/21 07:00:00	10.03	13.76					9.983552607	96.63424066			-0.05	-0.46	Excellent
1888	05/10/21 07:30:00	10.01	13.72					9.963812783	96.35809098			-0.05	-0.46	Excellent
1889	05/10/21 08:00:00	10.07	13.68					10.0237045	96.85171561			-0.05	-0.46	Excellent
1890	05/10/21 08:30:00	10.08	13.66					10.03382726	96.90669898			-0.05	-0.46	Excellent
1891	05/10/21 09:00:00	10.10	13.64					10.05390471	97.05769993			-0.05	-0.46	Excellent
1892	05/10/21 09:30:00	10.14	13.62					10.09389189	97.40065177			-0.05	-0.45	Excellent
1893	05/10/21 10:00:00	10.14	13.58					10.09406163	97.316153			-0.05	-0.45	Excellent
1894	05/10/21 10:30:00	10.19	13.56					10.14400568	97.75438488			-0.05	-0.45	Excellent
1895	05/10/21 11:00:00	10.24	13.56					10.1939514	98.2356951			-0.05	-0.45	Excellent
1896	05/10/21 11:30:00	10.27	13.56					10.22398841	98.52515164			-0.05	-0.45	Excellent
1897	05/10/21 12:00:00	10.25	13.56					10.20424959	98.33493525			-0.05	-0.45	Excellent
1898	05/10/21 12:30:00	10.31	13.58					10.26415436	98.95600534			-0.05	-0.44	Excellent
1899	05/10/21 13:00:00	10.31	13.62					10.26432694	99.04525875			-0.05	-0.44	Excellent
1900	05/10/21 13:30:00	10.31	13.66					10.26449952	99.13453161			-0.05	-0.44	Excellent
1901	05/10/21 14:00:00	10.34	13.66					10.29454021	99.42466454			-0.05	-0.44	Excellent
1902	05/10/21 14:30:00	10.35	13.70					10.30466949	99.61046012			-0.05	-0.44	Excellent
1903	05/10/21 15:00:00	10.38	13.72					10.33471185	99.94498359			-0.05	-0.44	Excellent
1904	05/10/21 15:30:00	10.48	13.74					10.43445098	100.9540891			-0.05	-0.43	Excellent
1905	05/10/21 16:00:00	10.51	13.74					10.46449652	101.2447819			-0.05	-0.43	Excellent
1906	05/10/21 16:30:00	10.54	13.74					10.49454306	101.5354845			-0.05	-0.43	Excellent
1907	05/10/21 17:00:00	10.55	13.76					10.50467653	101.6783785			-0.05	-0.43	Excellent
1908	05/10/21 17:30:00	10.56	13.74					10.51481034	101.7315719			-0.05	-0.43	Excellent
1909	05/10/21 18:00:00	10.59	13.76					10.54485923	102.0673206			-0.05	-0.43	Excellent
1910	05/10/21 18:30:00	10.63	13.78					10.58486666	102.4997648			-0.05	-0.42	Excellent
1911	05/10/21 19:00:00	10.62	13.82					10.57508689	102.4953874			-0.04	-0.42	Excellent
1912	05/10/21 19:30:00	10.65	13.84					10.60513829	102.8319481			-0.04	-0.42	Excellent
1913	05/10/21 20:00:00	10.65	13.88					10.60531656	102.9242864			-0.04	-0.42	Excellent
1914	05/10/21 20:30:00	10.63	13.88					10.58557841	102.7327283			-0.04	-0.42	Excellent
1915	05/10/21 21:00:00	10.64	13.88					10.59571473	102.8311009			-0.04	-0.42	Excellent
1916	05/10/21 21:30:00	10.62	13.88					10.57597574	102.6395346			-0.04	-0.41	Excellent
1917	05/10/21 22:00:00	10.64	13.86					10.59607094	102.7892904			-0.04	-0.41	Excellent
1918	05/10/21 22:30:00	10.64	13.86					10.59624904	102.7910182			-0.04	-0.41	Excellent
1919	05/10/21 23:00:00	10.61	13.84					10.56655	102.4577796			-0.04	-0.41	Excellent
1920	05/10/21 23:30:00	10.59	13.82				9.470	10.54680918	102.2213154		9.418	-0.04	-0.41	Excellent
1921	05/11/21 00:00:00	10.61	13.80	10.52	10.95	10.71875		10.56690521	102.3709591	10.648		-0.04	-0.41	Excellent
1922	05/11/21 00:30:00	10.61	13.78					10.56708281	102.3275529			-0.04	-0.40	Excellent
1923	05/11/21 01:00:00	10.59	13.78					10.54734098	102.1363806			-0.04	-0.40	Excellent
1924	05/11/21 01:30:00	10.59	13.76					10.54751825	102.0930581			-0.04	-0.40	Excellent
1925	05/11/21 02:00:00	10.58	13.74					10.53773546	101.9533742			-0.04	-0.40	Excellent
1926	05/11/21 02:30:00	10.60	13.72					10.557833	102.1027447			-0.04	-0.40	Excellent
1927	05/11/21 03:00:00	10.56	13.68					10.51816889	101.6293629			-0.04	-0.40	Excellent
1928	05/11/21 03:30:00	10.58	13.64					10.53826677	101.7336013			-0.04	-0.39	Excellent
1929	05/11/21 04:00:00	10.55	13.62					10.5085617	101.4019934			-0.04	-0.39	Excellent
1930	05/11/21 04:30:00	10.55	13.58					10.5087383	101.3140222			-0.04	-0.39	Excellent
1931	05/11/21 05:00:00	10.57	13.56					10.52883701	101.4628755			-0.04	-0.39	Excellent
1932	05/11/21 05:30:00	10.53	13.52					10.48916905	100.9911258			-0.04	-0.39	Excellent
1933	05/11/21 06:00:00	10.54	13.48					10.4993067	100.99918			-0.04	-0.39	Excellent
1934	05/11/21 06:30:00	10.55	13.46					10.50944469	101.0518904			-0.04	-0.38	Excellent
1935	05/11/21 07:00:00	10.52	13.42					10.47973611	100.6768722			-0.04	-0.38	Excellent
1936	05/11/21 07:30:00	10.55	13.40					10.50979789	100.9208683			-0.04	-0.38	Excellent
1937	05/11/21 08:00:00	10.56	13.38					10.51993655	100.9733845			-0.04	-0.38	Excellent
1938	05/11/21 08:30:00	10.59	13.38					10.55	101.2619422			-0.04	-0.38	Excellent
1939	05/11/21 09:00:00	10.65	13.40					10.56	100.5014696			-0.09	-0.85	Excellent
1940	05/11/21 09:30:00	10.69	13.40					10.59983688	100.8806045			-0.09	-0.84	Excellent
1941	05/11/21 10:00:00	10.71	13.44					10.61984342	101.160715			-0.09	-0.84	Excellent
1942	05/11/21 10:30:00	10.74	13.48					10.6497666	101.5357263			-0.09	-0.84	Excellent
1943	05/11/21 11:00:00	10.77	13.54					10.67969077	101.9563979			-0.09	-0.84	Excellent
1944	05/11/21 11:30:00	10.77	13.62					10.67986698	102.1386387			-0.09	-0.84	Excellent
1945	05/11/21 12:00:00	10.78	13.68					10.68995967	102.3707529			-0.09	-0.84	Excellent
1946	05/11/21 12:30:00	10.81	13.74					10.71988596	102.7933462			-0.09	-0.83	Excellent
1947	05/11/21 13:00:00	10.81	13.78					10.72006283	102.8857372			-0.09	-0.83	Excellent
1948	05/11/21 13:30:00	10.80	13.84					10.71032273	102.9282072			-0.09	-0.83	Excellent
1949	05/11/21 14:00:00	10.82	13.84					10.73033369	103.1205163			-0.09	-0.83	Excellent
1950	05/11/21 14:30:00	10.83	13.88					10.74042802	103.3084341			-0.09	-0.83	Excellent
1951	05/11/21 15:00:00	10.84	13.88					10.75052267	103.4055311			-0.09	-0.83	Excellent
1952	05/11/21 15:30:00	10.87	13.90					10.78045289	103.7390499			-0.09	-0.82	Excellent
1953	05/11/21 16:00:00	10.88	13.90					10.79054852	103.836199			-0.09	-0.82	Excellent
1954	05/11/21 16:30:00	10.89	13.90					10.80064448	103.9333512			-0.09	-0.82	Excellent
1955	05/11/21 17:00:00	10.91	13.88					10.82065888	104.0801468			-0.09	-0.82	Excellent
1956	05/11/21 17:30:00	10.95	13.88					10.86051048	104.4634655			-0.09	-0.82	Excellent
1957	05/11/21 18:00:00	10.95	13.90					10.86068964	104.5111588			-0.09	-0.82	Excellent
1958	05/11/21 18:30:00	10.94	13.90					10.85095019	104.4174373			-0.09	-0.81	Excellent
1959	05/11/21 19:00:00	10.92	13.90					10.83129166	104.2282655			-0.09	-0.81	Excellent
1960	05/11/21 19:30:00	10.89	13.88					10.80171354	103.8979182			-0.09	-0.81	Excellent
1961	05/11/21 20:00:00	10.86	13.86					10.77213444	103.5678161			-0.09	-0.81	Excellent
1962	05/11/21 20:30:00	10.82	13.84					10.7326351	103.1426333			-0.09	-0.81	Excellent
1963	05/11/21 21:00:00	10.80	13.84					10.71297329	102.9536796			-0.09	-0.81	Excellent

1964	05/11/21 21:30:00	10.76	13.80					10.67347166	102.4837355			-0.09	-0.80	Excellent
1965	05/11/21 22:00:00	10.74	13.78					10.65380822	102.249859			-0.09	-0.80	Excellent
1966	05/11/21 22:30:00	10.71	13.76					10.62422421	101.9209825			-0.09	-0.80	Excellent
1967	05/11/21 23:00:00	10.69	13.74					10.60455929	101.6874749			-0.09	-0.80	Excellent
1968	05/11/21 23:30:00	10.67	13.74				9.638	10.58489372	101.4989011		9.576	-0.09	-0.80	Excellent
1969	05/12/21 00:00:00	10.66	13.72	10.50	10.66	10.59542		10.57514789	101.3607197	10.515		-0.08	-0.80	Excellent
1970	05/12/21 00:30:00	10.65	13.70					10.56540174	101.2226219			-0.08	-0.79	Excellent
1971	05/12/21 01:00:00	10.66	13.70					10.57549672	101.3193376			-0.08	-0.79	Excellent
1972	05/12/21 01:30:00	10.66	13.68					10.57567113	101.2762864			-0.08	-0.79	Excellent
1973	05/12/21 02:00:00	10.65	13.68					10.56592449	101.1829491			-0.08	-0.79	Excellent
1974	05/12/21 02:30:00	10.64	13.68					10.55617752	101.0896088			-0.08	-0.79	Excellent
1975	05/12/21 03:00:00	10.65	13.68					10.56627299	101.1862865			-0.08	-0.79	Excellent
1976	05/12/21 03:30:00	10.64	13.68					10.55652569	101.092943			-0.08	-0.78	Excellent
1977	05/12/21 04:00:00	10.63	13.68					10.54677807	100.9995964			-0.08	-0.78	Excellent
1978	05/12/21 04:30:00	10.64	13.66					10.55687387	101.0516387			-0.08	-0.78	Excellent
1979	05/12/21 05:00:00	10.64	13.66					10.55704795	101.0533051			-0.08	-0.78	Excellent
1980	05/12/21 05:30:00	10.62	13.66					10.53737764	100.8650185			-0.08	-0.78	Excellent
1981	05/12/21 06:00:00	10.63	13.66					10.54747376	100.9616598			-0.08	-0.78	Excellent
1982	05/12/21 06:30:00	10.62	13.64					10.53772515	100.8237915			-0.08	-0.77	Excellent
1983	05/12/21 07:00:00	10.61	13.64					10.52797622	100.7305148			-0.08	-0.77	Excellent
1984	05/12/21 07:30:00	10.60	13.64					10.51822696	100.637235			-0.08	-0.77	Excellent
1985	05/12/21 08:00:00	10.59	13.62					10.50847737	100.4995264			-0.08	-0.77	Excellent
1986	05/12/21 08:30:00	10.58	13.60					10.49872746	100.3619013			-0.08	-0.77	Excellent
1987	05/12/21 09:00:00	10.57	13.56					10.48897722	100.1800288			-0.08	-0.77	Excellent
1988	05/12/21 09:30:00	10.56	13.52					10.47922665	99.99833473			-0.08	-0.76	Excellent
1989	05/12/21 10:00:00	10.54	13.46					10.45955208	99.67802018			-0.08	-0.76	Excellent
1990	05/12/21 10:30:00	10.54	13.44					10.45972453	99.63548139			-0.08	-0.76	Excellent
1991	05/12/21 11:00:00	10.52	13.44					10.44004898	99.44805933			-0.08	-0.76	Excellent
1992	05/12/21 11:30:00	10.51	13.42					10.43029693	99.31111121			-0.08	-0.76	Excellent
1993	05/12/21 12:00:00	10.51	13.42					10.43046889	99.3127485			-0.08	-0.76	Excellent
1994	05/12/21 12:30:00	10.50	13.40					10.42071636	99.17588151			-0.08	-0.76	Excellent
1995	05/12/21 13:00:00	10.50	13.38					10.42088816	99.13351079			-0.08	-0.75	Excellent
1996	05/12/21 13:30:00	10.51	13.36					10.43098477	99.18551529			-0.08	-0.75	Excellent
1997	05/12/21 14:00:00	10.51	13.32					10.43115673	99.09907303			-0.08	-0.75	Excellent
1998	05/12/21 14:30:00	10.52	13.30					10.44125383	99.15092345			-0.08	-0.75	Excellent
1999	05/12/21 15:00:00	10.54	13.28					10.46127658	99.2969055			-0.08	-0.75	Excellent
2000	05/12/21 15:30:00	10.55	13.28					10.4713745	99.39275351			-0.08	-0.75	Excellent
2001	05/12/21 16:00:00	10.54	13.28					10.46162148	99.30017924			-0.08	-0.74	Excellent
2002	05/12/21 16:30:00	10.58	13.26					10.50149713	99.63435213			-0.08	-0.74	Excellent
2003	05/12/21 17:00:00	10.62	13.26					10.54137409	100.0126901			-0.08	-0.74	Excellent
2004	05/12/21 17:30:00	10.62	13.22					10.54154785	99.92537136			-0.08	-0.74	Excellent
2005	05/12/21 18:00:00	10.62	13.22					10.54172161	99.92701845			-0.08	-0.74	Excellent
2006	05/12/21 18:30:00	10.61	13.22					10.53196891	99.83457076			-0.08	-0.74	Excellent
2007	05/12/21 19:00:00	10.62	13.22					10.54206913	99.93031264			-0.08	-0.73	Excellent
2008	05/12/21 19:30:00	10.62	13.24					10.54224289	99.97644421			-0.08	-0.73	Excellent
2009	05/12/21 20:00:00	10.61	13.22					10.5324897	99.83950739			-0.08	-0.73	Excellent
2010	05/12/21 20:30:00	10.63	13.22					10.55251751	100.0293549			-0.08	-0.73	Excellent
2011	05/12/21 21:00:00	10.61	13.22					10.53283689	99.84279847			-0.08	-0.73	Excellent
2012	05/12/21 21:30:00	10.62	13.24					10.54293792	99.98303552			-0.08	-0.73	Excellent
2013	05/12/21 22:00:00	10.62	13.26					10.54311168	100.0291757			-0.08	-0.72	Excellent
2014	05/12/21 22:30:00	10.63	13.26					10.5532132	100.1250153			-0.08	-0.72	Excellent
2015	05/12/21 23:00:00	10.63	13.28					10.55338713	100.1712053			-0.08	-0.72	Excellent
2016	05/12/21 23:30:00	10.65	13.30				9.866	10.57341723	100.4059569		9.803	-0.08	-0.72	Excellent
2017	05/13/21 00:00:00	10.65	13.28	10.65	10.80	10.75583		10.57359148	100.3629821	10.683		-0.08	-0.72	Excellent
2018	05/13/21 00:30:00	10.66	13.28					10.58369415	100.4588752			-0.08	-0.72	Excellent
2019	05/13/21 01:00:00	10.67	13.26					10.59379714	100.5100608			-0.08	-0.71	Excellent
2020	05/13/21 01:30:00	10.68	13.24					10.60390047	100.5611685			-0.08	-0.71	Excellent
2021	05/13/21 02:00:00	10.70	13.20					10.62393303	100.6614915			-0.08	-0.71	Excellent
2022	05/13/21 02:30:00	10.69	13.16					10.61417902	100.4795178			-0.08	-0.71	Excellent
2023	05/13/21 03:00:00	10.70	13.14					10.62428316	100.5303554			-0.08	-0.71	Excellent
2024	05/13/21 03:30:00	10.70	13.08					10.62445823	100.3975946			-0.08	-0.71	Excellent
2025	05/13/21 04:00:00	10.70	13.02					10.6246333	100.2648679			-0.08	-0.70	Excellent
2026	05/13/21 04:30:00	10.73	12.98					10.65459755	100.4578227			-0.08	-0.70	Excellent
2027	05/13/21 05:00:00	10.74	12.90					10.664703	100.3733474			-0.08	-0.70	Excellent
2028	05/13/21 05:30:00	10.74	12.86					10.66487872	100.2851481			-0.08	-0.70	Excellent
2029	05/13/21 06:00:00	10.76	12.78					10.68491488	100.2935625			-0.08	-0.70	Excellent
2030	05/13/21 06:30:00	10.77	12.72					10.69502131	100.2533504			-0.07	-0.70	Excellent
2031	05/13/21 07:00:00	10.77	12.68					10.69519752	100.1649722			-0.07	-0.69	Excellent
2032	05/13/21 07:30:00	10.78	12.62					10.70530445	100.1244879			-0.07	-0.69	Excellent
2033	05/13/21 08:00:00	10.78	12.58					10.70548082	100.0360649			-0.07	-0.69	Excellent
2034	05/13/21 08:30:00	10.77	12.54					10.69572616	99.85494067			-0.07	-0.69	Excellent
2035	05/13/21 09:00:00	10.77	12.52					10.69590238	99.81160518			-0.07	-0.69	Excellent
2036	05/13/21 09:30:00	10.77	12.50					10.69607859	99.76827261			-0.07	-0.69	Excellent
2037	05/13/21 10:00:00	10.78	12.48					10.70618633	99.81753811			-0.07	-0.68	Excellent
2038	05/13/21 10:30:00	10.79	12.48					10.7162944	99.91177917			-0.07	-0.68	Excellent
2039	05/13/21 11:00:00	10.78	12.52					10.70653908	99.91086438			-0.07	-0.68	Excellent
2040	05/13/21 11:30:00	10.78	12.54					10.70671546	99.95753638			-0.07	-0.68	Excellent
2041	05/13/21 12:00:00	10.77	12.54					10.69695966	99.86645651			-0.07	-0.68	Excellent
2042	05/13/21 12:30:00	10.77	12.56					10.69713587	99.91309184			-0.07	-0.68	Excellent
2043	05/13/21 13:00:00	10.75	12.56					10.67744706	99.72919502			-0.07	-0.67	Excellent
2044	05/13/21 13:30:00	10.75	12.58					10.67762295	99.77575037			-0.07	-0.67	Excellent
2045	05/13/21 14:00:00	10.75	12.58					10.67779884	99.77739391			-0.07	-0.67	Excellent
2046	05/13/21 14:30:00	10.76	12.58					10.68790772	99.87185517			-0.07	-0.67	Excellent
2047	05/13/21 15:00:00	10.76	12.58					10.68808377	99.87350024			-0.07	-0.67	Excellent
2048	05/13/21 15:30:00	10.76	12.56					10.68825982	99.83018803			-0.07	-0.67	Excellent
2049	05/13/21 16:00:00	10.78	12.56					10.70830285	100.0173934			-0.07	-0.67	Excellent
2050	05/13/21 16:30:00	10.77	12.58					10.69854557	99.97125929			-0.07	-0.66	Excellent
2051	05/13/21 17:00:00	10.77	12.60					10.69872179	100.0179116			-0.07	-0.66	Excellent
2052	05/13/21 17:30:00	10.78	12.60					10.70883198	100.1124276			-0.07	-0.66	Excellent
2053	05/13/21 18:00:00	10.79	12.60					10.7189425	100.2069467			-0.07	-0.66	Excellent
2054	05/13/21 18:30:00	10.78	12.60					10.70918473	100.1157253			-0.07	-0.66	Excellent
2055	05/13/21 19:00:00	10.80	12.60					10.72923006	100.3031207			-0.07	-0.66	Excellent
2056	05/13/21 19:30:00	10.78	12.60					10.70953749	100.1190231			-0.07	-0.65	Excellent
2057	05/13/21 20:00:00	10.78	12.58					10.70971386	100.07562			-0.07	-0.65	Excellent
2058	05/13/21 20:30:00	10.78	12.58					10.70989024	100.0772682			-0.07	-0.65	Excellent
2059	05/13/21 21:00:00	10.79	12.58					10.72000175	100.1717539			-0.07	-0.65	Excellent
2060	05/13/21 21:30:00	10.78	12.58					10.710243	100.0805644			-0.07	-0.65	Excellent
2061	05/13/21 22:00:00	10.79	12.60					10.72035483	100.2201499			-0.07	-0.65	Excellent
2062	05/13/21 22:30:00	10.79	12.62					10.72053137	100.2669022			-0.07	-0.64	Excellent
2063	05/13/21 23:00:00	10.80	12.62					10.73064369	100.3614806			-0.07	-0.64	Excellent
2064	05/13/21 23:30:00	10.79	12.64				10.110	10.72088445	100.3153122		10.047	-0.07	-0.64	Excellent
2065	05/14/21 00:00:00	10.79	12.66	10.63	10.80	10.71958		10.72106099	100.362077	10.655		-0.07	-0.64	Excellent
2066	05/14/21 00:30:00	10.79	12.68					10.72123753	100.4088476			-0.07	-0.64	Excellent
2067	05/14/21 01:00:00	10.80	12.72					10.7313505	100.5938942			-0.07	-0.64	Excellent
2068	05/14/21 01:30:00	10.78	12.76					10.71165401	100.4994487			-0.07	-0.63	Excellent
2069	05/14/21 02:00:00	10.79	12.80					10.72176715	100.6846215			-0.07	-0.63	Excellent
2070	05/14/21 02:30:00	10.80	12.84					10.73188062	100.8699853			-0.07	-0.63	Excellent
2071	05/14/21 03:00:00	10.78	12.88					10.71218314	100.7750898			-0.07	-0.63	Excellent
2072	05/14/21 03:30:00	10.78	12.90					10.71235952	100.8218779			-0.07	-0.63	Excellent
2073	05/14/21 04:00:00	10.79	12.94					10.72247331	101.0074221			-0.07	-0.63	Excellent
2074	05/14/21 04:30:00	10.79	12.96					10.72264985	101.0542703			-0.07	-0.62	Excellent
2075	05/14/21 05:00:00	10.78	12.98					10.71288865	101.0074255			-0.07	-0.62	Excellent
2076	05/14/21 05:30:00	10.78	13.00					10.71306502	101.054242			-0.07	-0.62	Excellent
2077	05/14/21 06:00:00	10.77	13.00					10.70330333	100.9621618			-0.07	-0.62	Excellent
2078	05/14/21 06:30:00	10.80	12.98					10.73329425	101.1998215			-0.07	-0.62	Excellent
2079	05/14/21 07:00:00	10.78	12.96					10.71359415	100.9689261			-0.07	-0.62	Excellent

2080	05/14/21 07:30:00	10.79	12.94					10.72370909	101.0190634			-0.07	-0.61	Excellent
2081	05/14/21 08:00:00	10.80	12.92					10.73382436	101.0691229			-0.07	-0.61	Excellent
2082	05/14/21 08:30:00	10.78	12.92					10.71412328	100.8836186			-0.07	-0.61	Excellent
2083	05/14/21 09:00:00	10.77	12.90					10.70436061	100.7465943			-0.07	-0.61	Excellent
2084	05/14/21 09:30:00	10.77	12.90					10.70453682	100.7482528			-0.07	-0.61	Excellent
2085	05/14/21 10:00:00	10.76	12.92					10.69477365	100.7014235			-0.07	-0.61	Excellent
2086	05/14/21 10:30:00	10.75	12.94					10.68501016	100.6545132			-0.06	-0.60	Excellent
2087	05/14/21 11:00:00	10.76	12.96					10.69512575	100.7948729			-0.06	-0.60	Excellent
2088	05/14/21 11:30:00	10.74	13.02					10.67542206	100.7441624			-0.06	-0.60	Excellent
2089	05/14/21 12:00:00	10.72	13.04					10.65571771	100.6031325			-0.06	-0.60	Excellent
2090	05/14/21 12:30:00	10.71	13.06					10.64595291	100.5558243			-0.06	-0.60	Excellent
2091	05/14/21 13:00:00	10.70	13.10					10.63618778	100.5532858			-0.06	-0.60	Excellent
2092	05/14/21 13:30:00	10.69	13.10					10.62642232	100.4609643			-0.06	-0.59	Excellent
2093	05/14/21 14:00:00	10.68	13.10					10.61665653	100.3686397			-0.06	-0.59	Excellent
2094	05/14/21 14:30:00	10.68	13.12					10.61683127	100.4150653			-0.06	-0.59	Excellent
2095	05/14/21 15:00:00	10.66	13.14					10.59712398	100.2733665			-0.06	-0.59	Excellent
2096	05/14/21 15:30:00	10.67	13.16					10.60723957	100.4138252			-0.06	-0.59	Excellent
2097	05/14/21 16:00:00	10.66	13.20					10.59747281	100.4107815			-0.06	-0.59	Excellent
2098	05/14/21 16:30:00	10.66	13.24					10.59764722	100.5018664			-0.06	-0.58	Excellent
2099	05/14/21 17:00:00	10.65	13.28					10.58787996	100.4986063			-0.06	-0.58	Excellent
2100	05/14/21 17:30:00	10.64	13.26					10.57811238	100.3612495			-0.06	-0.58	Excellent
2101	05/14/21 18:00:00	10.64	13.28					10.57828646	100.4075462			-0.06	-0.58	Excellent
2102	05/14/21 18:30:00	10.63	13.28					10.56851839	100.314829			-0.06	-0.58	Excellent
2103	05/14/21 19:00:00	10.63	13.30					10.56869231	100.3610887			-0.06	-0.58	Excellent
2104	05/14/21 19:30:00	10.64	13.28					10.57880872	100.4125034			-0.06	-0.58	Excellent
2105	05/14/21 20:00:00	10.63	13.28					10.56904015	100.3197816			-0.06	-0.57	Excellent
2106	05/14/21 20:30:00	10.65	13.26					10.58909971	100.4654933			-0.06	-0.57	Excellent
2107	05/14/21 21:00:00	10.64	13.24					10.57933098	100.3281659			-0.06	-0.57	Excellent
2108	05/14/21 21:30:00	10.65	13.22					10.58944821	100.3794281			-0.06	-0.57	Excellent
2109	05/14/21 22:00:00	10.66	13.22					10.59956577	100.4753344			-0.06	-0.57	Excellent
2110	05/14/21 22:30:00	10.64	13.22					10.57985324	100.2884755			-0.06	-0.57	Excellent
2111	05/14/21 23:00:00	10.64	13.22					10.58002732	100.2901257			-0.06	-0.56	Excellent
2112	05/14/21 23:30:00	10.65	13.22				10.313	10.59014521	100.3860351		10.250	-0.06	-0.56	Excellent
2113	05/15/21 00:00:00	10.63	13.24	10.32	10.63	10.50125		10.57043153	100.2437688	10.446		-0.06	-0.56	Excellent
2114	05/15/21 00:30:00	10.63	13.24					10.57060546	100.2454182			-0.06	-0.56	Excellent
2115	05/15/21 01:00:00	10.62	13.26					10.56083509	100.1973289			-0.06	-0.56	Excellent
2116	05/15/21 01:30:00	10.61	13.28					10.5510644	100.1491583			-0.06	-0.56	Excellent
2117	05/15/21 02:00:00	10.61	13.30					10.55123799	100.1953412			-0.06	-0.55	Excellent
2118	05/15/21 02:30:00	10.61	13.34					10.55141159	100.286074			-0.06	-0.55	Excellent
2119	05/15/21 03:00:00	10.61	13.36					10.55158518	100.3322732			-0.06	-0.55	Excellent
2120	05/15/21 03:30:00	10.61	13.40					10.55175878	100.4230364			-0.06	-0.55	Excellent
2121	05/15/21 04:00:00	10.60	13.44					10.5419871	100.4190844			-0.06	-0.55	Excellent
2122	05/15/21 04:30:00	10.60	13.50					10.54216053	100.5543402			-0.06	-0.55	Excellent
2123	05/15/21 05:00:00	10.60	13.54					10.54233397	100.6450861			-0.06	-0.54	Excellent
2124	05/15/21 05:30:00	10.59	13.60					10.53256164	100.6853369			-0.06	-0.54	Excellent
2125	05/15/21 06:00:00	10.59	13.66					10.5327349	100.8205777			-0.06	-0.54	Excellent
2126	05/15/21 06:30:00	10.59	13.72					10.53290817	100.9558603			-0.06	-0.54	Excellent
2127	05/15/21 07:00:00	10.58	13.78					10.52313519	100.9957254			-0.06	-0.54	Excellent
2128	05/15/21 07:30:00	10.57	13.84					10.51336188	101.0353765			-0.06	-0.54	Excellent
2129	05/15/21 08:00:00	10.56	13.90					10.50358824	101.0748134			-0.06	-0.53	Excellent
2130	05/15/21 08:30:00	10.56	13.94					10.50376101	101.1654069			-0.06	-0.53	Excellent
2131	05/15/21 09:00:00	10.56	14.00					10.50393379	101.3005002			-0.06	-0.53	Excellent
2132	05/15/21 09:30:00	10.55	14.04					10.4941595	101.2951269			-0.06	-0.53	Excellent
2133	05/15/21 10:00:00	10.54	14.10					10.48438488	101.3340192			-0.06	-0.53	Excellent
2134	05/15/21 10:30:00	10.54	14.14					10.48455733	101.4245358			-0.06	-0.53	Excellent
2135	05/15/21 11:00:00	10.53	14.20					10.47478222	101.4631551			-0.06	-0.52	Excellent
2136	05/15/21 11:30:00	10.53	14.26					10.4749545	101.5980435			-0.06	-0.52	Excellent
2137	05/15/21 12:00:00	10.50	14.30					10.44528312	101.3988382			-0.05	-0.52	Excellent
2138	05/15/21 12:30:00	10.50	14.34					10.44545492	101.489105			-0.05	-0.52	Excellent
2139	05/15/21 13:00:00	10.51	14.34					10.45557493	101.5874321			-0.05	-0.52	Excellent
2140	05/15/21 13:30:00	10.49	14.34					10.43585013	101.3957839			-0.05	-0.52	Excellent
2141	05/15/21 14:00:00	10.49	14.34					10.43602176	101.3974515			-0.05	-0.51	Excellent
2142	05/15/21 14:30:00	10.49	14.38					10.43619339	101.4876557			-0.05	-0.51	Excellent
2143	05/15/21 15:00:00	10.48	14.40					10.42641615	101.4368089			-0.05	-0.51	Excellent
2144	05/15/21 15:30:00	10.48	14.44					10.42658762	101.5269562			-0.05	-0.51	Excellent
2145	05/15/21 16:00:00	10.48	14.50					10.42675909	101.6613766			-0.05	-0.51	Excellent
2146	05/15/21 16:30:00	10.46	14.52					10.40703184	101.5132094			-0.05	-0.51	Excellent
2147	05/15/21 17:00:00	10.44	14.52					10.38730393	101.3207777			-0.05	-0.50	Excellent
2148	05/15/21 17:30:00	10.43	14.54					10.37752505	101.2694449			-0.05	-0.50	Excellent
2149	05/15/21 18:00:00	10.40	14.58					10.34784615	101.0676885			-0.05	-0.50	Excellent
2150	05/15/21 18:30:00	10.40	14.60					10.34801631	101.1132902			-0.05	-0.50	Excellent
2151	05/15/21 19:00:00	10.40	14.66					10.34818647	101.246798			-0.05	-0.50	Excellent
2152	05/15/21 19:30:00	10.38	14.68					10.32845594	101.0976267			-0.05	-0.50	Excellent
2153	05/15/21 20:00:00	10.37	14.72					10.31867527	101.0895644			-0.05	-0.49	Excellent
2154	05/15/21 20:30:00	10.35	14.74					10.29894359	100.9400168			-0.05	-0.49	Excellent
2155	05/15/21 21:00:00	10.35	14.72					10.29911294	100.897917			-0.05	-0.49	Excellent
2156	05/15/21 21:30:00	10.34	14.72					10.28933128	100.8020885			-0.05	-0.49	Excellent
2157	05/15/21 22:00:00	10.33	14.72					10.2795493	100.7062568			-0.05	-0.49	Excellent
2158	05/15/21 22:30:00	10.32	14.74					10.26976699	100.6540567			-0.05	-0.49	Excellent
2159	05/15/21 23:00:00	10.32	14.74					10.26993584	100.6557116			-0.05	-0.49	Excellent
2160	05/15/21 23:30:00	10.33	14.72				10.455	10.28005634	100.7112241		10.392	-0.05	-0.48	Excellent
2161	05/16/21 00:00:00	10.35	14.70	10.13	10.36	10.28125		10.30012898	100.8641111	10.236		-0.05	-0.48	Excellent
2162	05/16/21 00:30:00	10.35	14.68					10.30029832	100.8220126			-0.05	-0.48	Excellent
2163	05/16/21 01:00:00	10.35	14.66					10.30046767	100.7799166			-0.05	-0.48	Excellent
2164	05/16/21 01:30:00	10.34	14.64					10.2906847	100.6404919			-0.05	-0.48	Excellent
2165	05/16/21 02:00:00	10.34	14.62					10.29085388	100.5984415			-0.05	-0.48	Excellent
2166	05/16/21 02:30:00	10.35	14.60					10.30097569	100.6536435			-0.05	-0.47	Excellent
2167	05/16/21 03:00:00	10.36	14.58					10.31109783	100.7087667			-0.05	-0.47	Excellent
2168	05/16/21 03:30:00	10.34	14.56					10.29136141	100.4723053			-0.05	-0.47	Excellent
2169	05/16/21 04:00:00	10.33	14.56					10.28157746	100.3767868			-0.05	-0.47	Excellent
2170	05/16/21 04:30:00	10.31	14.56					10.2618399	100.1840933			-0.05	-0.47	Excellent
2171	05/16/21 05:00:00	10.30	14.56					10.25205514	100.0885668			-0.05	-0.47	Excellent
2172	05/16/21 05:30:00	10.31	14.56					10.26217728	100.187387			-0.05	-0.46	Excellent
2173	05/16/21 06:00:00	10.29	14.56					10.24243841	99.99468074			-0.05	-0.46	Excellent
2174	05/16/21 06:30:00	10.28	14.54					10.23265282	99.85570413			-0.05	-0.46	Excellent
2175	05/16/21 07:00:00	10.29	14.50					10.24277513	99.86752452			-0.05	-0.46	Excellent
2176	05/16/21 07:30:00	10.28	14.50					10.23298922	99.77211145			-0.05	-0.46	Excellent
2177	05/16/21 08:00:00	10.29	14.50					10.24311184	99.87080755			-0.05	-0.46	Excellent
2178	05/16/21 08:30:00	10.30	14.52					10.2532348	100.0130285			-0.05	-0.45	Excellent
2179	05/16/21 09:00:00	10.30	14.54					10.25340332	100.0581986			-0.05	-0.45	Excellent
2180	05/16/21 09:30:00	10.29	14.60					10.24361692	100.0931754			-0.05	-0.45	Excellent
2181	05/16/21 10:00:00	10.29	14.66					10.24378528	100.2253354			-0.05	-0.45	Excellent
2182	05/16/21 10:30:00	10.29	14.74					10.24395364	100.4010599			-0.05	-0.45	Excellent
2183	05/16/21 11:00:00	10.30	14.84					10.25407742	100.7181821			-0.05	-0.45	Excellent
2184	05/16/21 11:30:00	10.30	14.94					10.25424594	100.9378367			-0.05	-0.44	Excellent
2185	05/16/21 12:00:00	10.29	15.04					10.24445872	101.0593837			-0.05	-0.44	Excellent
2186	05/16/21 12:30:00	10.27	15.10					10.22471527	100.9951455			-0.05	-0.44	Excellent
2187	05/16/21 13:00:00	10.29	15.18					10.24479544	101.3679194			-0.05	-0.44	Excellent
2188	05/16/21 13:30:00	10.28	15.24					10.23500757	101.4018109			-0.04	-0.44	Excellent
2189	05/16/21 14:00:00	10.28	15.30					10.23517576	101.5342522			-0.04	-0.44	Excellent
2190	05/16/21 14:30:00	10.26	15.36					10.21543084	101.4689368			-0.04	-0.43	Excellent
2191	05/16/21 15:00:00	10.27	15.38					10.22555543	101.613073			-0.04	-0.43	Excellent
2192	05/16/21 15:30:00	10.27	15.40					10.22572346	101.658317			-0.04	-0.43	Excellent
2193	05/16/21 16:00:00	10.27	15.44					10.2258915	101.7471485			-0.04	-0.43	Excellent
2194	05/16/21 16:30:00	10.28	15.48					10.23601674	101.9351568			-0.04	-0.43	Excellent
2195	05/16/21 17:00:00	10.28	15.52					10.23618494	102.0241109			-0.04	-0.43	Excellent

2196	05/16/21 17:30:00	10.28	15.56					10.23635314	102.113083			-0.04	-0.42	Excellent
2197	05/16/21 18:00:00	10.28	15.60					10.23652133	102.2020731			-0.04	-0.42	Excellent
2198	05/16/21 18:30:00	10.27	15.64					10.22673166	102.1915761			-0.04	-0.42	Excellent
2199	05/16/21 19:00:00	10.26	15.66					10.21694166	102.1373344			-0.04	-0.42	Excellent
2200	05/16/21 19:30:00	10.27	15.66					10.22706772	102.2385632			-0.04	-0.42	Excellent
2201	05/16/21 20:00:00	10.25	15.68					10.20731904	102.0846868			-0.04	-0.42	Excellent
2202	05/16/21 20:30:00	10.24	15.68					10.19752822	101.9867676			-0.04	-0.41	Excellent
2203	05/16/21 21:00:00	10.23	15.70					10.18773707	101.9323138			-0.04	-0.41	Excellent
2204	05/16/21 21:30:00	10.21	15.72					10.16798675	101.7780922			-0.04	-0.41	Excellent
2205	05/16/21 22:00:00	10.19	15.74					10.14823577	101.6236992			-0.04	-0.41	Excellent
2206	05/16/21 22:30:00	10.17	15.74					10.12848414	101.4259077			-0.04	-0.41	Excellent
2207	05/16/21 23:00:00	10.15	15.74					10.10873185	101.2281098			-0.04	-0.41	Excellent
2208	05/16/21 23:30:00	10.13	15.72				10.546	10.08897891	100.9872505		10.484	-0.04	-0.40	Excellent
2209	05/17/21 00:00:00	10.11	15.70	9.90	10.30	10.07333		10.06922531	100.7465571	10.037		-0.04	-0.40	Excellent
2210	05/17/21 00:30:00	10.09	15.66					10.04947106	100.4631543			-0.04	-0.40	Excellent
2211	05/17/21 01:00:00	10.09	15.66					10.04963615	100.4648046			-0.04	-0.40	Excellent
2212	05/17/21 01:30:00	10.07	15.64					10.02988092	100.2245266			-0.04	-0.40	Excellent
2213	05/17/21 02:00:00	10.07	15.62					10.03004568	100.1833882			-0.04	-0.40	Excellent
2214	05/17/21 02:30:00	10.05	15.62					10.01028946	99.98605666			-0.04	-0.40	Excellent
2215	05/17/21 03:00:00	10.05	15.62					10.01045389	99.98769907			-0.04	-0.39	Excellent
2216	05/17/21 03:30:00	10.03	15.62					9.990696699	99.79035771			-0.04	-0.39	Excellent
2217	05/17/21 04:00:00	10.02	15.64					9.980899827	99.73507847			-0.04	-0.39	Excellent
2218	05/17/21 04:30:00	10.00	15.64					9.961141486	99.53764139			-0.04	-0.39	Excellent
2219	05/17/21 05:00:00	9.98	15.64					9.94138249	99.34019777			-0.04	-0.39	Excellent
2220	05/17/21 05:30:00	9.94	15.62					9.901699903	98.9014285			-0.04	-0.39	Excellent
2221	05/17/21 06:00:00	9.93	15.58					9.891900904	98.71917282			-0.04	-0.38	Excellent
2222	05/17/21 06:30:00	9.91	15.54					9.872139782	98.43776387			-0.04	-0.38	Excellent
2223	05/17/21 07:00:00	9.93	15.50					9.892225843	98.55369375			-0.04	-0.38	Excellent
2224	05/17/21 07:30:00	9.93	15.46					9.892388312	98.47097197			-0.04	-0.38	Excellent
2225	05/17/21 08:00:00	9.90	15.42					9.862663922	98.09101655			-0.04	-0.38	Excellent
2226	05/17/21 08:30:00	9.92	15.36					9.882750801	98.16445648			-0.04	-0.38	Excellent
2227	05/17/21 09:00:00	9.91	15.34					9.872950493	98.02504734			-0.04	-0.37	Excellent
2228	05/17/21 09:30:00	9.95	15.34					9.912963746	98.42232483			-0.04	-0.37	Excellent
2229	05/17/21 10:00:00	9.92	15.34					9.883237719	98.12718558			-0.04	-0.37	Excellent
2230	05/17/21 10:30:00	9.96	15.34					9.923252444	98.52447769			-0.04	-0.37	Excellent
2231	05/17/21 11:00:00	9.98	15.34					9.943341941	98.72393923			-0.04	-0.37	Excellent
2232	05/17/21 11:30:00	9.99	15.34					9.953468661	98.82448386			-0.04	-0.37	Excellent
2233	05/17/21 12:00:00	10.01	15.36					9.973559304	99.066449			-0.04	-0.36	Excellent
2234	05/17/21 12:30:00	10.03	15.38					9.993650601	99.30859553			-0.04	-0.36	Excellent
2235	05/17/21 13:00:00	10.02	15.38					9.983850783	99.21121309			-0.04	-0.36	Excellent
2236	05/17/21 13:30:00	10.04	15.40					10.0039429	99.45350093			-0.04	-0.36	Excellent
2237	05/17/21 14:00:00	10.06	15.44					10.02403567	99.73869236			-0.04	-0.36	Excellent
2238	05/17/21 14:30:00	10.07	15.48					10.03416468	99.9250173			-0.04	-0.36	Excellent
2239	05/17/21 15:00:00	10.13	15.54					10.0941169	100.6511575			-0.04	-0.35	Excellent
2240	05/17/21 15:30:00	10.10	15.56					10.06438842	100.3976433			-0.04	-0.35	Excellent
2241	05/17/21 16:00:00	10.12	15.56					10.08448348	100.5981022			-0.04	-0.35	Excellent
2242	05/17/21 16:30:00	10.17	15.58					10.1344744	101.1400073			-0.04	-0.35	Excellent
2243	05/17/21 17:00:00	10.17	15.60					10.1346408	101.1848914			-0.04	-0.35	Excellent
2244	05/17/21 17:30:00	10.19	15.60					10.15473798	101.385543			-0.04	-0.35	Excellent
2245	05/17/21 18:00:00	10.20	15.64					10.16487027	101.5734204			-0.04	-0.34	Excellent
2246	05/17/21 18:30:00	10.19	15.66					10.15507143	101.5188264			-0.03	-0.34	Excellent
2247	05/17/21 19:00:00	10.22	15.68					10.18513581	101.8628296			-0.03	-0.34	Excellent
2248	05/17/21 19:30:00	10.20	15.66					10.16537093	101.621789			-0.03	-0.34	Excellent
2249	05/17/21 20:00:00	10.19	15.68					10.1555716	101.5671542			-0.03	-0.34	Excellent
2250	05/17/21 20:30:00	10.19	15.70					10.15573833	101.6121538			-0.03	-0.34	Excellent
2251	05/17/21 21:00:00	10.20	15.70					10.16587159	101.7135411			-0.03	-0.33	Excellent
2252	05/17/21 21:30:00	10.20	15.72					10.16603848	101.7585907			-0.03	-0.33	Excellent
2253	05/17/21 22:00:00	10.24	15.76					10.20607284	102.2464335			-0.03	-0.33	Excellent
2254	05/17/21 22:30:00	10.26	15.78					10.22617444	102.491463			-0.03	-0.33	Excellent
2255	05/17/21 23:00:00	10.29	15.80					10.2562439	102.8366128			-0.03	-0.33	Excellent
2256	05/17/21 23:30:00	10.30	15.82				10.521	10.26637961	102.9820677		10.460	-0.03	-0.33	Excellent
2257	05/18/21 00:00:00	10.31	15.82	10.31	11.25	10.60229		10.27651566	103.0837424	10.571		-0.03	-0.32	Excellent
2258	05/18/21 00:30:00	10.34	15.80					10.3065874	103.3413937			-0.03	-0.32	Excellent
2259	05/18/21 01:00:00	10.34	15.78					10.30675658	103.2990946			-0.03	-0.32	Excellent
2260	05/18/21 01:30:00	10.33	15.74					10.29695775	103.1129903			-0.03	-0.32	Excellent
2261	05/18/21 02:00:00	10.34	15.72					10.30709494	103.1705179			-0.03	-0.32	Excellent
2262	05/18/21 02:30:00	10.36	15.70					10.3272008	103.3277032			-0.03	-0.32	Excellent
2263	05/18/21 03:00:00	10.36	15.70					10.3273703	103.3293992			-0.03	-0.31	Excellent
2264	05/18/21 03:30:00	10.36	15.70					10.32753981	103.3310951			-0.03	-0.31	Excellent
2265	05/18/21 04:00:00	10.35	15.68					10.31774048	103.1890257			-0.03	-0.31	Excellent
2266	05/18/21 04:30:00	10.35	15.66					10.31790982	103.146699			-0.03	-0.31	Excellent
2267	05/18/21 05:00:00	10.35	15.62					10.31807916	103.0603612			-0.03	-0.31	Excellent
2268	05/18/21 05:30:00	10.36	15.60					10.32821783	103.1175766			-0.03	-0.31	Excellent
2269	05/18/21 06:00:00	10.35	15.60					10.31841784	103.019733			-0.03	-0.31	Excellent
2270	05/18/21 06:30:00	10.34	15.58					10.30861754	102.8779206			-0.03	-0.30	Excellent
2271	05/18/21 07:00:00	10.37	15.58					10.33869615	103.1780992			-0.03	-0.30	Excellent
2272	05/18/21 07:30:00	10.37	15.58					10.33886582	103.1797924			-0.03	-0.30	Excellent
2273	05/18/21 08:00:00	10.38	15.58					10.34900563	103.2809857			-0.03	-0.30	Excellent
2274	05/18/21 08:30:00	10.39	15.60					10.35914577	103.4263631			-0.03	-0.30	Excellent
2275	05/18/21 09:00:00	10.38	15.62					10.3493453	103.3726576			-0.03	-0.30	Excellent
2276	05/18/21 09:30:00	10.38	15.66					10.34951513	103.4626528			-0.03	-0.29	Excellent
2277	05/18/21 10:00:00	10.33	15.70					10.29983099	103.0538575			-0.03	-0.29	Excellent
2278	05/18/21 10:30:00	10.33	15.74					10.30	103.1434552			-0.03	-0.29	Excellent
2279	05/18/21 11:00:00	10.36	15.90					10.31	103.8998305			-0.05	-0.48	Excellent
2280	05/18/21 11:30:00	10.43	15.80					10.38131711	104.3962227			-0.05	-0.47	Excellent
2281	05/18/21 12:00:00	10.48	15.78					10.43274661	104.8687352			-0.05	-0.45	Excellent
2282	05/18/21 12:30:00	10.51	15.80					10.46427898	105.2305009			-0.05	-0.44	Excellent
2283	05/18/21 13:00:00	10.52	15.76					10.47590471	105.2577033			-0.04	-0.42	Excellent
2284	05/18/21 13:30:00	10.51	15.74					10.46761426	105.1295916			-0.04	-0.40	Excellent
2285	05/18/21 14:00:00	10.52	15.76					10.47924316	105.2912467			-0.04	-0.39	Excellent
2286	05/18/21 14:30:00	10.52	15.74					10.48091239	105.2631489			-0.04	-0.37	Excellent
2287	05/18/21 15:00:00	10.54	15.76					10.50251047	105.5250274			-0.04	-0.36	Excellent
2288	05/18/21 15:30:00	10.57	15.78					10.53408093	105.8873357			-0.04	-0.34	Excellent
2289	05/18/21 16:00:00	10.63	15.78					10.59556372	106.5053535			-0.03	-0.32	Excellent
2290	05/18/21 16:30:00	10.70	15.80					10.66703474	107.2694459			-0.03	-0.31	Excellent
2291	05/18/21 17:00:00	10.77	15.84					10.73852797	108.0803661			-0.03	-0.29	Excellent
2292	05/18/21 17:30:00	10.83	15.88					10.80007105	108.7922961			-0.03	-0.28	Excellent
2293	05/18/21 18:00:00	10.86	15.90					10.83171132	109.1574171			-0.03	-0.26	Excellent
2294	05/18/21 18:30:00	10.90	15.94					10.87333665	109.6700667			-0.03	-0.24	Excellent
2295	05/18/21 19:00:00	10.96	15.98					10.93492892	110.3850063			-0.03	-0.23	Excellent
2296	05/18/21 19:30:00	11.02	16.02					10.99654023	111.1012101			-0.02	-0.21	Excellent
2297	05/18/21 20:00:00	11.08	16.06					11.05817059	111.8186788			-0.02	-0.20	Excellent
2298	05/18/21 20:30:00	11.11	16.12					11.08987433	112.2818999			-0.02	-0.18	Excellent
2299	05/18/21 21:00:00	11.18	16.18					11.16152147	113.1509029			-0.02	-0.17	Excellent
2300	05/18/21 21:30:00	11.19	16.24					11.17328048	113.4138943			-0.02	-0.15	Excellent
2301	05/18/21 22:00:00	11.22	16.28					11.20501595	113.8321721			-0.01	-0.13	Excellent
2302	05/18/21 22:30:00	11.24	16.32					11.22677271	114.1495512			-0.01	-0.12	Excellent
2303	05/18/21 23:00:00	11.24	16.36					11.22855618	114.2640677			-0.01	-0.10	Excellent
2304	05/18/21 23:30:00	11.25	16.42				10.504	11.24033106	114.5286478		10.449	-0.01	-0.09	Excellent
2305	05/19/21 00:00:00	11.29	16.44	11.24	11.89	11.41000		11.28208808	115.0025531	11.445		-0.01	-0.07	Excellent
2306	05/19/21 00:30:00	11.28	16.46					11.27388491	114.9673436			-0.01	-0.05	Excellent
2307	05/19/21 01:00:00	11.31	16.48					11.30566322	115.3399573			0.00	-0.04	Excellent
2308	05/19/21 01:30:00	11.28	16.50					11.27746454	115.1007074			0.00	-0.02	Excellent
2309	05/19/21 02:00:00	11.26	16.50					11.25925568	114.9148631			0.00	-0.01	Excellent
2310	05/19/21 02:30:00	11.27	16.50					11.27104325	115.03517			0.00	0.01	Excellent
2311	05/19/21 03:00:00	11.28	16.50					11.28283399	115.1555094			0.00	0.03	Excellent

2312	05/19/21 03:30:00	11.26	16.50					11.26461561	114.9695679			0.00	0.04	Excellent
2313	05/19/21 04:00:00	11.24	16.50					11.24639089	114.7835617			0.01	0.06	Excellent
2314	05/19/21 04:30:00	11.27	16.48					11.27819617	115.0597395			0.01	0.07	Excellent
2315	05/19/21 05:00:00	11.25	16.48					11.25996669	114.8737629			0.01	0.09	Excellent
2316	05/19/21 05:30:00	11.29	16.46					11.30179353	115.2519464			0.01	0.10	Excellent
2317	05/19/21 06:00:00	11.27	16.44					11.28356086	115.0175657			0.01	0.12	Excellent
2318	05/19/21 06:30:00	11.29	16.44					11.30537633	115.239939			0.02	0.14	Excellent
2319	05/19/21 07:00:00	11.30	16.44					11.31718294	115.3602882			0.02	0.15	Excellent
2320	05/19/21 07:30:00	11.33	16.42					11.34902631	115.6361526			0.02	0.17	Excellent
2321	05/19/21 08:00:00	11.36	16.44					11.3808792	116.009568			0.02	0.18	Excellent
2322	05/19/21 08:30:00	11.37	16.44					11.39270168	116.130079			0.02	0.20	Excellent
2323	05/19/21 09:00:00	11.41	16.46					11.43459199	116.6061811			0.02	0.22	Excellent
2324	05/19/21 09:30:00	11.40	16.48					11.42637929	116.5714982			0.03	0.23	Excellent
2325	05/19/21 10:00:00	11.40	16.50					11.42818815	116.6390314			0.03	0.25	Excellent
2326	05/19/21 10:30:00	11.40	16.52					11.42999701	116.7065842			0.03	0.26	Excellent
2327	05/19/21 11:00:00	11.39	16.54					11.42177797	116.6717233			0.03	0.28	Excellent
2328	05/19/21 11:30:00	11.40	16.58					11.43361473	116.890868			0.03	0.29	Excellent
2329	05/19/21 12:00:00	11.39	16.62					11.42539251	116.9049887			0.04	0.31	Excellent
2330	05/19/21 12:30:00	11.39	16.66					11.42719978	117.0216926			0.04	0.33	Excellent
2331	05/19/21 13:00:00	11.35	16.68					11.38887006	116.6781197			0.04	0.34	Excellent
2332	05/19/21 13:30:00	11.40	16.72					11.44085016	117.3090058			0.04	0.36	Excellent
2333	05/19/21 14:00:00	11.40	16.74					11.44265901	117.3767438			0.04	0.37	Excellent
2334	05/19/21 14:30:00	11.38	16.78					11.42438986	117.2875792			0.04	0.39	Excellent
2335	05/19/21 15:00:00	11.38	16.78					11.42619554	117.3061171			0.05	0.41	Excellent
2336	05/19/21 15:30:00	11.45	16.80					11.49829649	118.0957781			0.05	0.42	Excellent
2337	05/19/21 16:00:00	11.44	16.80					11.49006951	118.0112812			0.05	0.44	Excellent
2338	05/19/21 16:30:00	11.40	16.82					11.4517033	117.6664788			0.05	0.45	Excellent
2339	05/19/21 17:00:00	11.41	16.84					11.4635591	117.8375987			0.05	0.47	Excellent
2340	05/19/21 17:30:00	11.40	16.82					11.45532102	117.7036509			0.06	0.49	Excellent
2341	05/19/21 18:00:00	11.44	16.84					11.49733033	118.184744			0.06	0.50	Excellent
2342	05/19/21 18:30:00	11.45	16.86					11.50919724	118.3562295			0.06	0.52	Excellent
2343	05/19/21 19:00:00	11.44	16.88					11.50096074	118.3209989			0.06	0.53	Excellent
2344	05/19/21 19:30:00	11.50	16.92					11.56310519	119.059824			0.06	0.55	Excellent
2345	05/19/21 20:00:00	11.53	16.96					11.5950993	119.4890319			0.07	0.56	Excellent
2346	05/19/21 20:30:00	11.58	16.98					11.64721902	120.0762529			0.07	0.58	Excellent
2347	05/19/21 21:00:00	11.61	17.04					11.67923534	120.5571225			0.07	0.60	Excellent
2348	05/19/21 21:30:00	11.63	17.08					11.70119996	120.8845918			0.07	0.61	Excellent
2349	05/19/21 22:00:00	11.67	17.14					11.74329655	121.4711792			0.07	0.63	Excellent
2350	05/19/21 22:30:00	11.72	17.18					11.79547022	122.1124535			0.08	0.64	Excellent
2351	05/19/21 23:00:00	11.83	17.24					11.90805564	123.4318737			0.08	0.66	Excellent
2352	05/19/21 23:30:00	11.89	17.32				10.621	11.97033813	124.2837646		10.582	0.08	0.68	Excellent
2353	05/20/21 00:00:00	11.91	17.34	11.80	12.59	12.06375		11.99236305	124.5641239	12.192		0.08	0.69	Excellent
2354	05/20/21 00:30:00	11.89	17.34					11.97411135	124.3745443			0.08	0.71	Excellent
2355	05/20/21 01:00:00	11.90	17.38					11.98607028	124.6020844			0.09	0.72	Excellent
2356	05/20/21 01:30:00	11.90	17.42					11.98795848	124.7250697			0.09	0.74	Excellent
2357	05/20/21 02:00:00	11.92	17.46					12.00999767	125.0579333			0.09	0.76	Excellent
2358	05/20/21 02:30:00	11.94	17.48					12.03204322	125.3393727			0.09	0.77	Excellent
2359	05/20/21 03:00:00	11.92	17.52					12.01378041	125.2527482			0.09	0.79	Excellent
2360	05/20/21 03:30:00	11.86	17.54					11.95519021	124.6934654			0.10	0.80	Excellent
2361	05/20/21 04:00:00	11.85	17.54					11.9469902	124.6079389			0.10	0.82	Excellent
2362	05/20/21 04:30:00	11.84	17.58					11.93878703	124.6253792			0.10	0.83	Excellent
2363	05/20/21 05:00:00	11.81	17.60					11.91041064	124.3805505			0.10	0.85	Excellent
2364	05/20/21 05:30:00	11.81	17.66					11.91228455	124.5543209			0.10	0.87	Excellent
2365	05/20/21 06:00:00	11.82	17.72					11.92424666	124.8337899			0.10	0.88	Excellent
2366	05/20/21 06:30:00	11.80	17.76					11.90594259	124.7449584			0.11	0.90	Excellent
2367	05/20/21 07:00:00	11.83	17.82					11.93808903	125.2364097			0.11	0.91	Excellent
2368	05/20/21 07:30:00	11.88	17.88					11.99043089	125.9408533			0.11	0.93	Excellent
2369	05/20/21 08:00:00	12.00	17.96					12.11345041	127.4423025			0.11	0.95	Excellent
2370	05/20/21 08:30:00	12.06	18.06					12.17593125	128.362742			0.12	0.96	Excellent
2371	05/20/21 09:00:00	12.10	18.14					12.21823569	129.0200143			0.12	0.98	Excellent
2372	05/20/21 09:30:00	12.18	18.22					12.30095004	130.1062307			0.12	0.99	Excellent
2373	05/20/21 10:00:00	12.23	18.30					12.3533871	130.8746133			0.12	1.01	Excellent
2374	05/20/21 10:30:00	12.31	18.36					12.43614746	131.9128348			0.13	1.02	Excellent
2375	05/20/21 11:00:00	12.31	18.40					12.43810071	132.0412181			0.13	1.04	Excellent
2376	05/20/21 11:30:00	12.26	18.42					12.38952571	131.579181			0.13	1.06	Excellent
2377	05/20/21 12:00:00	12.30	18.42					12.43189997	132.0292039			0.13	1.07	Excellent
2378	05/20/21 12:30:00	12.30	18.44					12.43385164	132.1037557			0.13	1.09	Excellent
2379	05/20/21 13:00:00	12.32	18.50					12.45602412	132.5011159			0.14	1.10	Excellent
2380	05/20/21 13:30:00	12.39	18.62					12.52876292	133.6004593			0.14	1.12	Excellent
2381	05/20/21 14:00:00	12.46	18.74					12.60152394	134.7039778			0.14	1.14	Excellent
2382	05/20/21 14:30:00	12.51	18.82					12.65407684	135.4851614			0.14	1.15	Excellent
2383	05/20/21 15:00:00	12.52	18.90					12.66617858	135.8344321			0.15	1.17	Excellent
2384	05/20/21 15:30:00	12.56	18.96					12.70863852	136.4551532			0.15	1.18	Excellent
2385	05/20/21 16:00:00	12.59	19.02					12.74099123	136.9683641			0.15	1.20	Excellent
2386	05/20/21 16:30:00	12.50	18.98					12.65189526	135.9007766			0.15	1.22	Excellent
2387	05/20/21 17:00:00	12.34	18.96					12.49190901	134.1280858			0.15	1.23	Excellent
2388	05/20/21 17:30:00	12.30	18.94					12.45336826	133.6602448			0.15	1.25	Excellent
2389	05/20/21 18:00:00	12.07	18.88					12.22241556	131.0224289			0.15	1.26	Excellent
2390	05/20/21 18:30:00	11.95	18.84					12.10279638	129.6351658			0.15	1.28	Excellent
2391	05/20/21 19:00:00	11.85	18.84					12.00339801	128.5704925			0.15	1.29	Excellent
2392	05/20/21 19:30:00	11.84	18.88					11.99514723	128.586147			0.16	1.31	Excellent
2393	05/20/21 20:00:00	11.81	18.90					11.96662803	128.3323231			0.16	1.33	Excellent
2394	05/20/21 20:30:00	11.82	18.94					11.97863616	128.5650121			0.16	1.34	Excellent
2395	05/20/21 21:00:00	11.81	18.98					11.97037586	128.580212			0.16	1.36	Excellent
2396	05/20/21 21:30:00	11.85	19.00					12.01279931	129.0880235			0.16	1.37	Excellent
2397	05/20/21 22:00:00	11.90	19.02					12.06537442	129.7053398			0.17	1.39	Excellent
2398	05/20/21 22:30:00	11.93	19.04					12.09768428	130.1051728			0.17	1.41	Excellent
2399	05/20/21 23:00:00	11.90	19.02					12.0691508	129.7459367			0.17	1.42	Excellent
2400	05/20/21 23:30:00	11.91	19.02				10.807	12.08118273	129.8752825		10.797	0.17	1.44	Excellent
2401	05/21/21 00:00:00	11.88	19.02	11.14	12.14	11.73875		12.05263656	129.5684051	11.953		0.17	1.45	Excellent
2402	05/21/21 00:30:00	11.61	19.02					11.78055518	126.6434724			0.17	1.47	Excellent
2403	05/21/21 01:00:00	11.59	19.00					11.76210038	126.3940445			0.17	1.48	Excellent
2404	05/21/21 01:30:00	11.52	19.00					11.69288884	125.6503061			0.17	1.50	Excellent
2405	05/21/21 02:00:00	11.60	19.00					11.77593005	126.5426564			0.18	1.52	Excellent
2406	05/21/21 02:30:00	11.60	18.98					11.77777064	126.5113364			0.18	1.53	Excellent
2407	05/21/21 03:00:00	11.38	18.96					11.55620481	124.0812457			0.18	1.55	Excellent
2408	05/21/21 03:30:00	11.67	18.96					11.85254679	127.2631279			0.18	1.56	Excellent
2409	05/21/21 04:00:00	11.69	18.96					11.87471451	127.501147			0.18	1.58	Excellent
2410	05/21/21 04:30:00	11.66	19.00					11.84609059	127.2965928			0.19	1.60	Excellent
2411	05/21/21 05:00:00	11.63	19.02					11.81745715	127.0401765			0.19	1.61	Excellent
2412	05/21/21 05:30:00	11.62	19.04					11.80913974	127.0020056			0.19	1.63	Excellent
2413	05/21/21 06:00:00	11.61	19.04					11.80081914	126.9125213			0.19	1.64	Excellent
2414	05/21/21 06:30:00	11.57	19.08					11.76199755	126.5971016			0.19	1.66	Excellent
2415	05/21/21 07:00:00	11.60	19.14					11.79433597	127.0987529			0.19	1.68	Excellent
2416	05/21/21 07:30:00	11.65	19.18					11.84702215	127.7693805			0.20	1.69	Excellent
2417	05/21/21 08:00:00	11.76	19.26					11.96074843	129.2036715			0.20	1.71	Excellent
2418	05/21/21 08:30:00	11.88	19.32					12.0846819	130.6999174			0.20	1.72	Excellent
2419	05/21/21 09:00:00	11.89	19.40					12.0967408	131.0405777			0.21	1.74	Excellent
2420	05/21/21 09:30:00	12.01	19.48					12.22073298	132.5962113			0.21	1.75	Excellent
2421	05/21/21 10:00:00	12.02	19.56					12.23281568	132.9400485			0.21	1.77	Excellent
2422	05/21/21 10:30:00	11.95	19.62					12.16347245	132.3451548			0.21	1.79	Excellent
2423	05/21/21 11:00:00	11.97	19.68					12.18572902	132.7463398			0.22	1.80	Excellent
2424	05/21/21 11:30:00	11.95	19.74					12.1672647	132.7040151			0.22	1.82	Excellent
2425	05/21/21 12:00:00	11.89	19.82					12.10806044	132.2690806			0.22	1.83	Excellent
2426	05/21/21 12:30:00	11.95	19.88					12.17105696	133.116213			0.22	1.85	Excellent
2427	05/21/21 13:00:00	11.93	19.88					12.15257994	132.9141279			0.22	1.87	Excellent

2428	05/21/21 13:30:00	11.87	19.96					12.09334394	132.4769023			0.22	1.88	Excellent
2429	05/21/21 14:00:00	11.83	19.96					12.0544684	132.0510389			0.22	1.90	Excellent
2430	05/21/21 14:30:00	11.83	20.02					12.05634548	132.2291455			0.23	1.91	Excellent
2431	05/21/21 15:00:00	11.81	20.06					12.03783673	132.1310376			0.23	1.93	Excellent
2432	05/21/21 15:30:00	11.89	20.18					12.12126669	133.3637373			0.23	1.95	Excellent
2433	05/21/21 16:00:00	11.97	20.34					12.20472203	134.7076906			0.23	1.96	Excellent
2434	05/21/21 16:30:00	11.99	20.52					12.22701669	135.4339165			0.24	1.98	Excellent
2435	05/21/21 17:00:00	12.14	20.68					12.38190814	137.5820861			0.24	1.99	Excellent
2436	05/21/21 17:30:00	12.13	20.70					12.37363357	137.5441879			0.24	2.01	Excellent
2437	05/21/21 18:00:00	12.13	20.74					12.37555825	137.6737023			0.25	2.02	Excellent
2438	05/21/21 18:30:00	12.10	20.78					12.34687086	137.4624513			0.25	2.04	Excellent
2439	05/21/21 19:00:00	12.14	20.74					12.38961324	137.8300591			0.25	2.06	Excellent
2440	05/21/21 19:30:00	11.99	20.70					12.23843153	136.0412944			0.25	2.07	Excellent
2441	05/21/21 20:00:00	11.72	20.56					11.96469679	132.6327572			0.24	2.09	Excellent
2442	05/21/21 20:30:00	11.46	20.42					11.70108674	129.3530774			0.24	2.10	Excellent
2443	05/21/21 21:00:00	11.32	20.34					11.5599377	127.5909854			0.24	2.12	Excellent
2444	05/21/21 21:30:00	11.32	20.30					11.56173386	127.509959			0.24	2.14	Excellent
2445	05/21/21 22:00:00	11.24	20.26					11.48180896	126.5283595			0.24	2.15	Excellent
2446	05/21/21 22:30:00	11.21	20.28					11.45294228	126.2601929			0.24	2.17	Excellent
2447	05/21/21 23:00:00	11.15	20.28					11.39341115	125.6039064			0.24	2.18	Excellent
2448	05/21/21 23:30:00	11.14	20.32				10.953	11.38496045	125.6100451		10.983	0.24	2.20	Excellent
2449	05/22/21 00:00:00	11.15	20.38	10.40	11.27	10.88271		11.39694953	125.8914587	11.164		0.25	2.21	Excellent
2450	05/22/21 00:30:00	11.14	20.40					11.38849565	125.8477603			0.25	2.23	Excellent
2451	05/22/21 01:00:00	11.27	20.40					11.52318374	127.3361215			0.25	2.25	Excellent
2452	05/22/21 01:30:00	11.01	20.40					11.25908975	124.4177696			0.25	2.26	Excellent
2453	05/22/21 02:00:00	11.11	20.44					11.36311498	125.6664507			0.25	2.28	Excellent
2454	05/22/21 02:30:00	11.08	20.42					11.33418959	125.2971057			0.25	2.29	Excellent
2455	05/22/21 03:00:00	10.97	20.42					11.22340667	124.0724237			0.25	2.31	Excellent
2456	05/22/21 03:30:00	11.07	20.46					11.32747317	125.3217115			0.26	2.33	Excellent
2457	05/22/21 04:00:00	11.02	20.48					11.2780588	124.824232			0.26	2.34	Excellent
2458	05/22/21 04:30:00	10.98	20.50					11.23886432	124.4394823			0.26	2.36	Excellent
2459	05/22/21 05:00:00	11.01	20.52					11.27131858	124.8480195			0.26	2.37	Excellent
2460	05/22/21 05:30:00	10.99	20.54					11.25258769	124.6896625			0.26	2.39	Excellent
2461	05/22/21 06:00:00	10.93	20.54					11.19288837	124.0281358			0.26	2.41	Excellent
2462	05/22/21 06:30:00	10.86	20.56					11.1229279	123.3014611			0.26	2.42	Excellent
2463	05/22/21 07:00:00	10.87	20.56					11.13489477	123.4341179			0.26	2.44	Excellent
2464	05/22/21 07:30:00	10.84	20.56					11.10588369	123.1125202			0.27	2.45	Excellent
2465	05/22/21 08:00:00	10.84	20.60					11.10760369	123.2285759			0.27	2.47	Excellent
2466	05/22/21 08:30:00	10.88	20.62					11.15031751	123.7511328			0.27	2.48	Excellent
2467	05/22/21 09:00:00	10.77	20.64					11.03929341	122.5671442			0.27	2.50	Excellent
2468	05/22/21 09:30:00	10.79	20.68					11.06150556	122.9103781			0.27	2.52	Excellent
2469	05/22/21 10:00:00	10.77	20.72					11.0427112	122.7980114			0.27	2.53	Excellent
2470	05/22/21 10:30:00	10.81	20.78					11.0854393	123.4184497			0.28	2.55	Excellent
2471	05/22/21 11:00:00	10.88	20.86					11.15894925	124.4319222			0.28	2.56	Excellent
2472	05/22/21 11:30:00	10.99	20.94					11.27351331	125.906533			0.28	2.58	Excellent
2473	05/22/21 12:00:00	10.91	21.00					11.19318063	125.1561783			0.28	2.60	Excellent
2474	05/22/21 12:30:00	10.90	21.08					11.18465059	125.2564762			0.28	2.61	Excellent
2475	05/22/21 13:00:00	11.01	21.10					11.29927019	126.5895268			0.29	2.63	Excellent
2476	05/22/21 13:30:00	11.02	21.14					11.31128149	126.8230703			0.29	2.64	Excellent
2477	05/22/21 14:00:00	11.00	21.18					11.29249823	126.7112989			0.29	2.66	Excellent
2478	05/22/21 14:30:00	10.96	21.18					11.25317365	126.270044			0.29	2.67	Excellent
2479	05/22/21 15:00:00	10.88	21.14					11.17276004	125.2699558			0.29	2.69	Excellent
2480	05/22/21 15:30:00	10.86	21.12					11.15394505	125.0101985			0.29	2.71	Excellent
2481	05/22/21 16:00:00	10.88	21.12					11.17621274	125.2597683			0.30	2.72	Excellent
2482	05/22/21 16:30:00	10.88	21.16					11.17793909	125.3769345			0.30	2.74	Excellent
2483	05/22/21 17:00:00	10.91	21.20					11.21049172	125.840178			0.30	2.75	Excellent
2484	05/22/21 17:30:00	10.87	21.24					11.17111477	125.495952			0.30	2.77	Excellent
2485	05/22/21 18:00:00	10.88	21.26					11.18311813	125.6797501			0.30	2.79	Excellent
2486	05/22/21 18:30:00	10.81	21.26					11.11288316	124.8904253			0.30	2.80	Excellent
2487	05/22/21 19:00:00	10.79	21.28					11.09403486	124.727168			0.30	2.82	Excellent
2488	05/22/21 19:30:00	10.86	21.36					11.16773045	125.7513024			0.31	2.83	Good
2489	05/22/21 20:00:00	10.74	21.38					11.04603425	124.4293496			0.31	2.85	Good
2490	05/22/21 20:30:00	10.68	21.40					10.98601918	123.8014192			0.31	2.87	Good
2491	05/22/21 21:00:00	10.66	21.46					10.96713755	123.7327658			0.31	2.88	Good
2492	05/22/21 21:30:00	10.63	21.48					10.93795986	123.4515001			0.31	2.90	Good
2493	05/22/21 22:00:00	10.66	21.52					10.97052043	123.9151341			0.31	2.91	Good
2494	05/22/21 22:30:00	10.62	21.54					10.93104034	123.5170973			0.31	2.93	Good
2495	05/22/21 23:00:00	10.53	21.56					10.84007522	122.5367289			0.31	2.94	Good
2496	05/22/21 23:30:00	10.40	21.58				11.007	10.70789732	121.089515		11.085	0.31	2.96	Good
2497	05/23/21 00:00:00	10.05	21.58	8.67	10.37	9.92938		10.34913004	117.0324201	10.262		0.30	2.98	Excellent
2498	05/23/21 00:30:00	9.59	21.60					9.876960178	111.7362129			0.29	2.99	Excellent
2499	05/23/21 01:00:00	8.99	21.60					9.260432924	104.7615548			0.27	3.01	Excellent
2500	05/23/21 01:30:00	9.91	21.64					10.20968037	115.5897278			0.30	3.02	Excellent
2501	05/23/21 02:00:00	9.07	21.64					9.345717751	105.8083047			0.28	3.04	Excellent
2502	05/23/21 02:30:00	10.21	21.62					10.5219925	119.0794675			0.31	3.06	Good
2503	05/23/21 03:00:00	10.30	21.62					10.616377	120.1476355			0.32	3.07	Good
2504	05/23/21 03:30:00	10.37	21.64					10.69017256	121.0296593			0.32	3.09	Good
2505	05/23/21 04:00:00	10.35	21.68					10.67119731	120.9084039			0.32	3.10	Good
2506	05/23/21 04:30:00	10.27	21.70					10.59034419	120.0387478			0.32	3.12	Good
2507	05/23/21 05:00:00	10.16	21.70					10.47852515	118.7713086			0.32	3.14	Good
2508	05/23/21 05:30:00	10.15	21.68					10.46982216	118.6267528			0.32	3.15	Good
2509	05/23/21 06:00:00	10.04	21.66					10.35794917	117.3137771			0.32	3.17	Good
2510	05/23/21 06:30:00	10.11	21.68					10.43177012	118.1956098			0.32	3.18	Good
2511	05/23/21 07:00:00	10.07	21.70					10.39209486	117.7916442			0.32	3.20	Good
2512	05/23/21 07:30:00	10.09	21.72					10.41433557	118.0894067			0.32	3.21	Good
2513	05/23/21 08:00:00	10.02	21.74					10.34367537	117.3335458			0.32	3.23	Good
2514	05/23/21 08:30:00	10.07	21.78					10.39688834	118.0283723			0.33	3.25	Good
2515	05/23/21 09:00:00	10.00	21.82					10.32620274	117.3165288			0.33	3.26	Good
2516	05/23/21 09:30:00	10.06	21.84					10.3897562	118.0841467			0.33	3.28	Good
2517	05/23/21 10:00:00	10.05	21.86					10.38102306	118.0304397			0.33	3.29	Good
2518	05/23/21 10:30:00	9.94	21.86					10.26897712	116.7564967			0.33	3.31	Good
2519	05/23/21 11:00:00	9.93	21.88					10.26022177	116.7019724			0.33	3.33	Good
2520	05/23/21 11:30:00	9.93	21.92					10.26179738	116.8099632			0.33	3.34	Good
2521	05/23/21 12:00:00	9.96	21.98					10.29438015	117.3164127			0.33	3.36	Good
2522	05/23/21 12:30:00	10.05	22.04					10.38899631	118.5315119			0.34	3.37	Good
2523	05/23/21 13:00:00	10.14	22.10					10.48364103	119.7494626			0.34	3.39	Good
2524	05/23/21 13:30:00	10.04	22.14					10.38184513	118.6779005			0.34	3.40	Good
2525	05/23/21 14:00:00	10.04	22.12					10.3834382	118.6505013			0.34	3.42	Good
2526	05/23/21 14:30:00	10.06	22.16					10.40571857	118.9965163			0.35	3.44	Good
2527	05/23/21 15:00:00	10.01	22.18					10.35558859	118.4687405			0.35	3.45	Good
2528	05/23/21 15:30:00	9.92	22.22					10.26405543	117.51179			0.34	3.47	Good
2529	05/23/21 16:00:00	10.06	22.30					10.41050729	119.3715072			0.35	3.48	Good
2530	05/23/21 16:30:00	10.10	22.34					10.45350354	119.9564259			0.35	3.50	Good
2531	05/23/21 17:00:00	10.02	22.38					10.3722934	119.1157253			0.35	3.52	Good
2532	05/23/21 17:30:00	10.06	22.46					10.415296	119.7927783			0.36	3.53	Good
2533	05/23/21 18:00:00	10.12	22.50					10.47902082	120.6179043			0.36	3.55	Good
2534	05/23/21 18:30:00	10.00	22.54					10.35635037	119.2970389			0.36	3.56	Good
2535	05/23/21 19:00:00	10.02	22.54					10.37865296	119.5539472			0.36	3.58	Good
2536	05/23/21 19:30:00	9.89	22.54					10.24556905	118.0209248			0.36	3.60	Good
2537	05/23/21 20:00:00	9.85	22.54					10.20569387	117.561594			0.36	3.61	Good
2538	05/23/21 20:30:00	9.89	22.58					10.24870757	118.147268			0.36	3.63	Good
2539	05/23/21 21:00:00	9.77	22.60					10.12590543	116.7761628			0.36	3.64	Good
2540	05/23/21 21:30:00	9.76	22.58					10.11708978	116.629976			0.36	3.66	Good
2541	05/23/21 22:00:00	9.59	22.58					9.942391641	114.616053			0.35	3.67	Good
2542	05/23/21 22:30:00	9.36	22.60					9.705425288	111.9270105			0.35	3.69	Good
2543	05/23/21 23:00:00	9.50	22.60					9.852099287	113.6185162			0.35	3.71	Good

2544	05/23/21 23:30:00	8.67	22.66				10.957	8.992712612	103.8264493		11.089	0.32	3.72	Good
2545	05/24/21 00:00:00	9.69	22.70	7.94	9.69	8.86125		10.05221633	116.1475803	9.225		0.36	3.74	Good
2546	05/24/21 00:30:00	9.31	22.72					9.659489003	111.6523695			0.35	3.75	Good
2547	05/24/21 01:00:00	8.56	22.74					8.882692909	102.7126281			0.32	3.77	Good
2548	05/24/21 01:30:00	8.27	22.74					8.583072771	99.2480513			0.31	3.79	Good
2549	05/24/21 02:00:00	7.94	22.74					8.241839999	95.302298			0.30	3.80	Excellent
2550	05/24/21 02:30:00	9.35	22.74					9.70692489	112.2434127			0.36	3.82	Good
2551	05/24/21 03:00:00	9.07	22.74					9.417675382	108.8987539			0.35	3.83	Good
2552	05/24/21 03:30:00	8.98	22.74					9.325650334	107.834647			0.35	3.85	Good
2553	05/24/21 04:00:00	9.44	22.76					9.804854114	113.4189655			0.36	3.86	Good
2554	05/24/21 04:30:00	9.31	22.76					9.671306874	111.8741399			0.36	3.88	Good
2555	05/24/21 05:00:00	9.35	22.76					9.714342793	112.3719637			0.36	3.90	Good
2556	05/24/21 05:30:00	9.35	22.76					9.715826374	112.3891252			0.37	3.91	Good
2557	05/24/21 06:00:00	9.23	22.74					9.592595816	110.9213992			0.36	3.93	Good
2558	05/24/21 06:30:00	9.23	22.72					9.594060356	110.8960911			0.36	3.94	Good
2559	05/24/21 07:00:00	9.15	22.72					9.51235675	109.9516932			0.36	3.96	Good
2560	05/24/21 07:30:00	9.15	22.74					9.513808596	110.0103644			0.36	3.98	Good
2561	05/24/21 08:00:00	9.16	22.78					9.525659634	110.2312944			0.37	3.99	Good
2562	05/24/21 08:30:00	9.09	22.78					9.454307618	109.4056062			0.36	4.01	Good
2563	05/24/21 09:00:00	9.03	22.76					9.393335753	108.6586716			0.36	4.02	Good
2564	05/24/21 09:30:00	9.06	22.78					9.425980415	109.0778027			0.37	4.04	Good
2565	05/24/21 10:00:00	9.05	22.76					9.417012442	108.9325549			0.37	4.06	Good
2566	05/24/21 10:30:00	8.17	22.76					8.502621392	98.35521377			0.33	4.07	Good
2567	05/24/21 11:00:00	8.33	22.74					8.670457133	100.2584968			0.34	4.09	Good
2568	05/24/21 11:30:00	8.89	22.76					9.254755599	107.0556271			0.36	4.10	Good
2569	05/24/21 12:00:00	9.01	22.80					9.381108817	108.5998621			0.37	4.12	Good
2570	05/24/21 12:30:00	8.99	22.82					9.361711505	108.4165434			0.37	4.13	Good
2571	05/24/21 13:00:00	8.97	22.84					9.342307846	108.2329835			0.37	4.15	Good
2572	05/24/21 13:30:00	8.89	22.84					9.260397966	107.2840369			0.37	4.17	Good
2573	05/24/21 14:00:00	8.93	22.84					9.303481487	107.7831704			0.37	4.18	Good
2574	05/24/21 14:30:00	8.90	22.84					9.273638969	107.4374373			0.37	4.20	Good
2575	05/24/21 15:00:00	8.86	22.82					9.233365524	106.9301883			0.37	4.21	Good
2576	05/24/21 15:30:00	8.77	22.82					9.140964423	105.8601053			0.37	4.23	Good
2577	05/24/21 16:00:00	8.84	22.82					9.215328029	106.7212988			0.38	4.25	Good
2578	05/24/21 16:30:00	8.85	22.80					9.227156853	106.8176461			0.38	4.26	Good
2579	05/24/21 17:00:00	8.81	22.80					9.186850087	106.3510372			0.38	4.28	Good
2580	05/24/21 17:30:00	8.82	22.78					9.198677324	106.4474427			0.38	4.29	Good
2581	05/24/21 18:00:00	8.83	22.78					9.210507735	106.5843447			0.38	4.31	Good
2582	05/24/21 18:30:00	8.76	22.76					9.138881217	105.7152347			0.38	4.33	Good
2583	05/24/21 19:00:00	8.74	22.74					9.119402982	105.4497613			0.38	4.34	Good
2584	05/24/21 19:30:00	8.69	22.72					9.068611342	104.8225164			0.38	4.36	Good
2585	05/24/21 20:00:00	8.53	22.72					8.902993832	102.9081721			0.37	4.37	Good
2586	05/24/21 20:30:00	8.59	22.70					8.96698046	103.6083038			0.38	4.39	Good
2587	05/24/21 21:00:00	8.51	22.68					8.884819879	102.6198715			0.37	4.40	Good
2588	05/24/21 21:30:00	8.48	22.68					8.854844076	102.2736503			0.37	4.42	Good
2589	05/24/21 22:00:00	8.48	22.68					8.856189612	102.2891913			0.38	4.44	Good
2590	05/24/21 22:30:00	8.36	22.68					8.73219267	100.8570238			0.37	4.45	Good
2591	05/24/21 23:00:00	8.32	22.68					8.691731993	100.3897021			0.37	4.47	Good
2592	05/24/21 23:30:00	8.25	22.68				10.784	8.619913482	99.56019663		10.973	0.37	4.48	Good
2593	05/25/21 00:00:00	8.23	22.68	7.63	8.33	7.97313		8.60032259	99.33392138	8.200		0.37	4.50	Good
2594	05/25/21 00:30:00	8.23	22.66					8.601628459	99.31113996			0.37	4.52	Good
2595	05/25/21 01:00:00	8.24	22.66					8.613387467	99.44690501			0.37	4.53	Good
2596	05/25/21 01:30:00	8.23	22.66					8.604240195	99.34129408			0.37	4.55	Good
2597	05/25/21 02:00:00	8.26	22.64					8.636915004	99.68052849			0.38	4.56	Good
2598	05/25/21 02:30:00	8.11	22.64					8.481357129	97.88520097			0.37	4.58	Good
2599	05/25/21 03:00:00	7.94	22.64					8.304832677	95.8478936			0.36	4.59	Good
2600	05/25/21 03:30:00	7.79	22.62					8.149176425	94.01556384			0.36	4.61	Good
2601	05/25/21 04:00:00	7.80	22.60					8.160875139	94.1146143			0.36	4.63	Good
2602	05/25/21 04:30:00	7.88	22.60					8.245826755	95.09431176			0.37	4.64	Good
2603	05/25/21 05:00:00	7.88	22.58					8.247077089	95.07243916			0.37	4.66	Good
2604	05/25/21 05:30:00	7.74	22.58					8.101783534	93.39749269			0.36	4.67	Good
2605	05/25/21 06:00:00	8.01	22.58					8.38567485	96.67019642			0.38	4.69	Good
2606	05/25/21 06:30:00	7.99	22.58					8.366004623	96.44343772			0.38	4.71	Good
2607	05/25/21 07:00:00	7.91	22.58					8.283494964	95.49226502			0.37	4.72	Good
2608	05/25/21 07:30:00	7.86	22.58					8.23238122	94.90302495			0.37	4.74	Good
2609	05/25/21 08:00:00	7.78	22.60					8.149825546	93.98718579			0.37	4.75	Good
2610	05/25/21 08:30:00	8.08	22.60					8.465368239	97.62615567			0.39	4.77	Good
2611	05/25/21 09:00:00	8.15	22.60					8.54	98.48684025			0.39	4.79	Good
2612	05/25/21 09:30:00	8.33	22.36					8.46	97.18312638			0.13	1.56	Excellent
2613	05/25/21 10:00:00	8.17	22.58					8.298095456	95.72505359			0.13	1.57	Excellent
2614	05/25/21 10:30:00	8.26	22.60					8.390105525	96.82341052			0.13	1.58	Excellent
2615	05/25/21 11:00:00	8.24	22.60					8.370388031	96.59586689			0.13	1.58	Excellent
2616	05/25/21 11:30:00	8.19	22.62					8.320190746	96.05322418			0.13	1.59	Excellent
2617	05/25/21 12:00:00	8.20	22.62					8.330944339	96.17737005			0.13	1.60	Excellent
2618	05/25/21 12:30:00	8.17	22.62					8.30105773	95.83234127			0.13	1.60	Excellent
2619	05/25/21 13:00:00	8.19	22.64					8.321972461	96.11044761			0.13	1.61	Excellent
2620	05/25/21 13:30:00	8.13	22.64					8.261595184	95.41315052			0.13	1.62	Excellent
2621	05/25/21 14:00:00	8.10	22.62					8.231696972	95.03159948			0.13	1.63	Excellent
2622	05/25/21 14:30:00	8.04	22.64					8.171304466	94.37038316			0.13	1.63	Excellent
2623	05/25/21 15:00:00	7.95	22.62					8.080411141	93.28506599			0.13	1.64	Excellent
2624	05/25/21 15:30:00	7.97	22.62					8.101317171	93.52641762			0.13	1.65	Excellent
2625	05/25/21 16:00:00	7.93	22.62					8.061233165	93.06366404			0.13	1.65	Excellent
2626	05/25/21 16:30:00	7.93	22.64					8.061808216	93.10581112			0.13	1.66	Excellent
2627	05/25/21 17:00:00	7.92	22.66					8.052216327	93.03050334			0.13	1.67	Excellent
2628	05/25/21 17:30:00	8.01	22.68					8.144299637	94.13025638			0.13	1.68	Excellent
2629	05/25/21 18:00:00	7.91	22.66					8.043196588	92.92629467			0.13	1.68	Excellent
2630	05/25/21 18:30:00	7.80	22.60					7.931909921	91.53574626			0.13	1.69	Excellent
2631	05/25/21 19:00:00	7.78	22.58					7.912135864	91.27270632			0.13	1.70	Excellent
2632	05/25/21 19:30:00	7.73	22.58					7.861847209	90.69258716			0.13	1.71	Excellent
2633	05/25/21 20:00:00	7.78	22.58					7.913264211	91.28572269			0.13	1.71	Excellent
2634	05/25/21 20:30:00	7.65	22.58					7.781592177	89.76678229			0.13	1.72	Excellent
2635	05/25/21 21:00:00	7.81	22.60					7.944910781	91.68577866			0.13	1.73	Excellent
2636	05/25/21 21:30:00	7.72	22.60					7.853915934	90.63568085			0.13	1.73	Excellent
2637	05/25/21 22:00:00	7.63	22.60					7.762908034	89.5854324			0.13	1.74	Excellent
2638	05/25/21 22:30:00	7.69	22.62					7.82451083	90.33080079			0.13	1.75	Excellent
2639	05/25/21 23:00:00	7.67	22.64					7.804717193	90.13666728			0.13	1.76	Excellent
2640	05/25/21 23:30:00	7.70	22.66				10.408	7.835802491	90.530187		10.634	0.14	1.76	Excellent
2641	05/26/21 00:00:00	7.73	22.68	6.58	8.27	7.41583		7.866892139	90.92403361	7.560		0.14	1.77	Excellent
2642	05/26/21 00:30:00	7.73	22.70					7.867452687	90.96517291			0.14	1.78	Excellent
2643	05/26/21 01:00:00	7.71	22.72					7.84765615	90.77085725			0.14	1.79	Excellent
2644	05/26/21 01:30:00	7.73	22.74					7.868573782	91.04747463			0.14	1.79	Excellent
2645	05/26/21 02:00:00	7.76	22.76					7.899674308	91.44215051			0.14	1.80	Excellent
2646	05/26/21 02:30:00	7.66	22.80					7.798429853	90.33893981			0.14	1.81	Excellent
2647	05/26/21 03:00:00	7.72	22.82					7.860073982	91.08768533			0.14	1.81	Excellent
2648	05/26/21 03:30:00	7.70	22.84					7.840269469	90.8927378			0.14	1.82	Excellent
2649	05/26/21 04:00:00	7.56	22.88					7.698267335	89.31437464			0.14	1.83	Excellent
2650	05/26/21 04:30:00	7.58	22.90					7.719182792	89.59106782			0.14	1.84	Excellent
2651	05/26/21 05:00:00	7.54	22.90					7.678995088	89.12463771			0.14	1.84	Excellent
2652	05/26/21 05:30:00	7.54	22.90					7.679541857	89.13098367			0.14	1.85	Excellent
2653	05/26/21 06:00:00	7.53	22.92					7.669902833	89.05293035			0.14	1.86	Excellent
2654	05/26/21 06:30:00	7.52	22.94					7.660262359	88.97477788			0.14	1.87	Excellent
2655	05/26/21 07:00:00	7.47	22.96					7.609871457	88.42304274			0.14	1.87	Excellent
2656	05/26/21 07:30:00	7.25	22.98					7.386277823	85.85756954			0.14	1.88	Excellent
2657	05/26/21 08:00:00	7.18	22.96					7.315482701	85.00238713			0.14	1.89	Excellent
2658	05/26/21 08:30:00	6.96	22.98					7.091836131	82.4350002			0.13	1.89	Excellent
2659	05/26/21 09:00:00	6.81	22.96					6.939488669	80.63351748			0.13	1.90	Excellent

2660	05/26/21 09:30:00	6.88	22.98					7.011318592	81.49907003			0.13	1.91	Excellent
2661	05/26/21 10:00:00	6.69	22.98					6.818177192	79.2540081			0.13	1.92	Excellent
2662	05/26/21 10:30:00	6.77	22.98					6.900200887	80.2074457			0.13	1.92	Excellent
2663	05/26/21 11:00:00	6.66	22.98					6.788568318	78.90983665			0.13	1.93	Excellent
2664	05/26/21 11:30:00	6.58	22.98					6.707501109	77.96751715			0.13	1.94	Excellent
2665	05/26/21 12:00:00	6.98	23.00					7.115758097	82.74445399			0.14	1.94	Excellent
2666	05/26/21 12:30:00	8.27	23.40					8.431447766	98.78816606			0.16	1.95	Excellent
2667	05/26/21 13:00:00	7.86	23.62					8.01401368	94.2868949			0.15	1.96	Excellent
2668	05/26/21 13:30:00	7.71	23.42					7.861633585	92.14659845			0.15	1.97	Excellent
2669	05/26/21 14:00:00	7.80	23.56					7.953969251	93.47495082			0.15	1.97	Excellent
2670	05/26/21 14:30:00	7.86	23.64					8.015723605	94.34246013			0.16	1.98	Excellent
2671	05/26/21 15:00:00	7.65	23.64					7.802117797	91.82838923			0.15	1.99	Excellent
2672	05/26/21 15:30:00	7.87	23.68					8.027063126	94.54692662			0.16	2.00	Excellent
2673	05/26/21 16:00:00	7.97	23.68					8.129636797	95.7550927			0.16	2.00	Excellent
2674	05/26/21 16:30:00	7.99	23.74					8.150616793	96.11037337			0.16	2.01	Excellent
2675	05/26/21 17:00:00	7.82	23.70					7.977766489	94.00157346			0.16	2.02	Excellent
2676	05/26/21 17:30:00	7.89	23.64					8.049750871	94.74294999			0.16	2.02	Excellent
2677	05/26/21 18:00:00	7.62	23.50					7.774836682	91.26668203			0.15	2.03	Excellent
2678	05/26/21 18:30:00	7.77	23.58					7.928448097	93.21007957			0.16	2.04	Excellent
2679	05/26/21 19:00:00	7.54	23.56					7.69430464	90.42337544			0.15	2.05	Excellent
2680	05/26/21 19:30:00	7.62	23.64					7.776494395	91.52681013			0.16	2.05	Excellent
2681	05/26/21 20:00:00	7.44	23.54					7.593337196	89.20323851			0.15	2.06	Excellent
2682	05/26/21 20:30:00	7.00	23.30					7.144776478	83.55491174			0.14	2.07	Excellent
2683	05/26/21 21:00:00	7.23	23.36					7.380057709	86.40420935			0.15	2.08	Excellent
2684	05/26/21 21:30:00	6.97	23.22					7.115166879	83.08296889			0.15	2.08	Excellent
2685	05/26/21 22:00:00	6.92	23.22					7.064627319	82.49282439			0.14	2.09	Excellent
2686	05/26/21 22:30:00	6.68	23.12					6.820095749	79.48693702			0.14	2.10	Excellent
2687	05/26/21 23:00:00	6.66	23.10					6.800159256	79.22457199			0.14	2.10	Excellent
2688	05/26/21 23:30:00	6.58	23.12				9.838	6.718952816	78.30813511		10.079	0.14	2.11	Excellent
2689	05/27/21 00:00:00	6.56	23.04	5.74	7.37	6.46375		6.699006171	77.95742471	6.612		0.14	2.12	Excellent
2690	05/27/21 00:30:00	6.50	23.00					6.638206127	77.19131735			0.14	2.13	Excellent
2691	05/27/21 01:00:00	6.50	22.98					6.63867748	77.16751617			0.14	2.13	Excellent
2692	05/27/21 01:30:00	6.44	23.00					6.577864382	76.48964303			0.14	2.14	Excellent
2693	05/27/21 02:00:00	6.62	23.10					6.76219779	78.78230574			0.14	2.15	Excellent
2694	05/27/21 02:30:00	6.59	23.16					6.732031268	78.51998577			0.14	2.16	Excellent
2695	05/27/21 03:00:00	6.69	23.20					6.834671654	79.77748569			0.14	2.16	Excellent
2696	05/27/21 03:30:00	6.60	23.16					6.743204003	78.65030053			0.14	2.17	Excellent
2697	05/27/21 04:00:00	6.53	23.08					6.672158702	77.70387268			0.14	2.18	Excellent
2698	05/27/21 04:30:00	6.48	23.06					6.6215401	77.0851531			0.14	2.18	Excellent
2699	05/27/21 05:00:00	6.48	23.04					6.622010003	77.06140777			0.14	2.19	Excellent
2700	05/27/21 05:30:00	6.38	23.00					6.520281142	75.82004554			0.14	2.20	Excellent
2701	05/27/21 06:00:00	6.44	22.96					6.582067403	76.48045444			0.14	2.21	Excellent
2702	05/27/21 06:30:00	6.36	22.92					6.500763791	75.47840927			0.14	2.21	Excellent
2703	05/27/21 07:00:00	6.28	22.90					6.419448577	74.50597665			0.14	2.22	Excellent
2704	05/27/21 07:30:00	6.14	22.90					6.276785098	72.85018306			0.14	2.23	Excellent
2705	05/27/21 08:00:00	5.96	22.90					6.093207306	70.71952612			0.13	2.24	Excellent
2706	05/27/21 08:30:00	6.09	22.90					6.226554457	72.2671917			0.14	2.24	Excellent
2707	05/27/21 09:00:00	5.99	22.94					6.124746553	71.13959531			0.13	2.25	Excellent
2708	05/27/21 09:30:00	5.87	22.94					6.002472791	69.71937231			0.13	2.26	Excellent
2709	05/27/21 10:00:00	5.79	22.96					5.921087237	68.80018313			0.13	2.26	Excellent
2710	05/27/21 10:30:00	5.81	22.96					5.94196136	69.04273039			0.13	2.27	Excellent
2711	05/27/21 11:00:00	5.74	22.96					5.870787705	68.21572678			0.13	2.28	Excellent
2712	05/27/21 11:30:00	6.14	23.06					6.280347078	73.11312908			0.14	2.29	Excellent
2713	05/27/21 12:00:00	6.44	23.16					6.58767143	76.83622465			0.15	2.29	Excellent
2714	05/27/21 12:30:00	6.41	23.20					6.557448346	76.54160552			0.15	2.30	Excellent
2715	05/27/21 13:00:00	6.47	23.26					6.619297696	77.35121478			0.15	2.31	Excellent
2716	05/27/21 13:30:00	6.60	23.36					6.752776099	79.0601243			0.15	2.31	Excellent
2717	05/27/21 14:00:00	6.47	23.36					6.620236051	77.50837246			0.15	2.32	Excellent
2718	05/27/21 14:30:00	6.36	23.36					6.508143007	76.19600998			0.15	2.33	Excellent
2719	05/27/21 15:00:00	6.43	23.42					6.580239789	77.127318			0.15	2.34	Excellent
2720	05/27/21 15:30:00	7.37	23.74					7.542737746	88.94239042			0.17	2.34	Excellent
2721	05/27/21 16:00:00	6.88	23.58					7.041752056	82.78571814			0.16	2.35	Excellent
2722	05/27/21 16:30:00	6.61	23.34					6.765883558	79.18369721			0.16	2.36	Excellent
2723	05/27/21 17:00:00	6.36	23.12					6.510449012	75.87806237			0.15	2.37	Excellent
2724	05/27/21 17:30:00	6.24	23.00					6.38806285	74.2825663			0.15	2.37	Excellent
2725	05/27/21 18:00:00	6.36	22.96					6.511371414	75.65900109			0.15	2.38	Excellent
2726	05/27/21 18:30:00	6.75	23.08					6.911143105	80.48708191			0.16	2.39	Excellent
2727	05/27/21 19:00:00	6.68	23.10					6.839956398	79.68822459			0.16	2.39	Excellent
2728	05/27/21 19:30:00	6.56	23.00					6.717558634	78.11405527			0.16	2.40	Excellent
2729	05/27/21 20:00:00	6.73	22.96					6.89212974	80.08322953			0.16	2.41	Excellent
2730	05/27/21 20:30:00	6.50	22.90					6.657060255	77.2637665			0.16	2.42	Excellent
2731	05/27/21 21:00:00	6.76	22.90					6.923832873	80.36000665			0.16	2.42	Excellent
2732	05/27/21 21:30:00	6.76	22.90					6.92432308	80.36569614			0.16	2.43	Excellent
2733	05/27/21 22:00:00	6.71	22.88					6.873594254	79.74661643			0.16	2.44	Excellent
2734	05/27/21 22:30:00	6.92	22.96					7.089216003	82.37327703			0.17	2.45	Excellent
2735	05/27/21 23:00:00	7.06	23.10					7.233151411	84.26910357			0.17	2.45	Excellent
2736	05/27/21 23:30:00	6.85	23.08				9.038	7.018497748	81.73733267		9.282	0.17	2.46	Excellent
2737	05/28/21 00:00:00	6.83	23.00	6.55	7.53	7.12208		6.998501067	81.38094939	7.310		0.17	2.47	Excellent
2738	05/28/21 00:30:00	6.78	22.98					6.947759189	80.76026003			0.17	2.47	Excellent
2739	05/28/21 01:00:00	6.55	22.96					6.712543222	77.99652065			0.16	2.48	Excellent
2740	05/28/21 01:30:00	6.59	22.96					6.754013732	78.47838801			0.16	2.49	Excellent
2741	05/28/21 02:00:00	6.67	22.92					6.836488475	79.3764074			0.17	2.50	Excellent
2742	05/28/21 02:30:00	6.76	22.96					6.929225153	80.51426037			0.17	2.50	Excellent
2743	05/28/21 03:00:00	6.55	22.96					6.714443138	78.01859676			0.16	2.51	Excellent
2744	05/28/21 03:30:00	6.63	22.94					6.796932384	78.94710662			0.17	2.52	Excellent
2745	05/28/21 04:00:00	6.75	22.88					6.920443267	80.29015306			0.17	2.53	Excellent
2746	05/28/21 04:30:00	6.87	22.84					7.043971553	81.66120591			0.17	2.53	Excellent
2747	05/28/21 05:00:00	6.85	22.78					7.02396182	81.33635371			0.17	2.54	Excellent
2748	05/28/21 05:30:00	6.75	22.70					6.921911713	80.03262567			0.17	2.55	Excellent
2749	05/28/21 06:00:00	6.77	22.70					6.942912014	80.27543565			0.17	2.55	Excellent
2750	05/28/21 06:30:00	6.80	22.70					6.974171349	80.63686278			0.17	2.56	Excellent
2751	05/28/21 07:00:00	6.83	22.68					7.005435036	80.9674773			0.18	2.57	Excellent
2752	05/28/21 07:30:00	6.87	22.68					7.046960658	81.44742249			0.18	2.58	Excellent
2753	05/28/21 08:00:00	6.87	22.68					7.047458842	81.4531804			0.18	2.58	Excellent
2754	05/28/21 08:30:00	6.99	22.70					7.171065446	82.91339449			0.18	2.59	Excellent
2755	05/28/21 09:00:00	7.08	22.70					7.263910173	83.98688511			0.18	2.60	Excellent
2756	05/28/21 09:30:00	7.14	22.74					7.325986497	84.76918285			0.19	2.60	Excellent
2757	05/28/21 10:00:00	7.15	22.76					7.336765471	84.92623699			0.19	2.61	Excellent
2758	05/28/21 10:30:00	7.15	22.78					7.337283959	84.96457394			0.19	2.62	Excellent
2759	05/28/21 11:00:00	7.27	22.80					7.460954377	86.42954045			0.19	2.63	Excellent
2760	05/28/21 11:30:00	7.40	22.80					7.594905585	87.98126436			0.19	2.63	Excellent
2761	05/28/21 12:00:00	7.30	22.78					7.492801091	86.76543744			0.19	2.64	Excellent
2762	05/28/21 12:30:00	7.33	22.82					7.524124966	87.19448809			0.19	2.65	Excellent
2763	05/28/21 13:00:00	7.35	22.80					7.54518763	87.40531928			0.20	2.66	Excellent
2764	05/28/21 13:30:00	7.38	22.80					7.576519481	87.76827519			0.20	2.66	Excellent
2765	05/28/21 14:00:00	7.36	22.80					7.556520625	87.5366035			0.20	2.67	Excellent
2766	05/28/21 14:30:00	7.37	22.82					7.567322079	87.69508453			0.20	2.68	Excellent
2767	05/28/21 15:00:00	7.44	22.82					7.639735755	88.53426164			0.20	2.68	Excellent
2768	05/28/21 15:30:00	7.47	22.84					7.671082835	88.93134649			0.20	2.69	Excellent
2769	05/28/21 16:00:00	7.42	22.86					7.620274967	88.37592077			0.20	2.70	Excellent
2770	05/28/21 16:30:00	7.51	22.88					7.713248772	89.48818748			0.20	2.71	Excellent
2771	05/28/21 17:00:00	7.39	22.88					7.590537014	88.06450038			0.20	2.71	Excellent
2772	05/28/21 17:30:00	7.34	22.86					7.539712468	87.44159949			0.20	2.72	Excellent
2773	05/28/21 18:00:00	7.36	22.86					7.56079036	87.68604974			0.20	2.73	Excellent
2774	05/28/21 18:30:00	7.33	22.86					7.530503463	87.33479832			0.20	2.74	Excellent
2775	05/28/21 19:00:00	7.31	22.84					7.510486477	87.0695428			0.20	2.74	Excellent

2776	05/28/21 19:30:00	7.27	22.84					7.469916615	86.59921383			0.20	2.75	Excellent
2777	05/28/21 20:00:00	7.30	22.82					7.501270946	86.92964074			0.20	2.76	Excellent
2778	05/28/21 20:30:00	7.26	22.78					7.460694557	86.39364891			0.20	2.76	Excellent
2779	05/28/21 21:00:00	7.31	22.78					7.512606842	86.99478486			0.20	2.77	Excellent
2780	05/28/21 21:30:00	7.36	22.74					7.564526378	87.5293341			0.20	2.78	Excellent
2781	05/28/21 22:00:00	7.29	22.72					7.493109795	86.66995427			0.20	2.79	Excellent
2782	05/28/21 22:30:00	7.45	22.70					7.658107867	88.54468327			0.21	2.79	Excellent
2783	05/28/21 23:00:00	7.53	22.66					7.740888627	89.43360884			0.21	2.80	Excellent
2784	05/28/21 23:30:00	7.53	22.64				8.378	7.741434671	89.40581753		8.619	0.21	2.81	Excellent
2785	05/29/21 00:00:00	7.53	22.62	6.85	7.75	7.49875		7.741980716	89.37802413	7.723		0.21	2.82	Excellent
2786	05/29/21 00:30:00	7.59	22.62					7.804220201	90.09655371			0.21	2.82	Excellent
2787	05/29/21 01:00:00	7.53	22.60					7.743072805	89.35653009			0.21	2.83	Excellent
2788	05/29/21 01:30:00	7.52	22.58					7.733335159	89.21009965			0.21	2.84	Excellent
2789	05/29/21 02:00:00	7.45	22.54					7.66188957	88.31844361			0.21	2.84	Excellent
2790	05/29/21 02:30:00	7.30	22.56					7.508152703	86.57938114			0.21	2.85	Excellent
2791	05/29/21 03:00:00	7.36	22.56					7.570397264	87.29714699			0.21	2.86	Excellent
2792	05/29/21 03:30:00	6.85	22.52					7.046314839	81.19170309			0.20	2.87	Excellent
2793	05/29/21 04:00:00	7.02	22.52					7.221695948	83.21254537			0.20	2.87	Excellent
2794	05/29/21 04:30:00	7.47	22.46					7.685166869	88.45143285			0.22	2.88	Excellent
2795	05/29/21 05:00:00	7.50	22.42					7.716574862	88.7449949			0.22	2.89	Excellent
2796	05/29/21 05:30:00	7.59	22.40					7.809724156	89.78189673			0.22	2.89	Excellent
2797	05/29/21 06:00:00	7.60	22.38					7.820564768	89.87210929			0.22	2.90	Excellent
2798	05/29/21 06:30:00	7.58	22.38					7.800534005	89.64192042			0.22	2.91	Excellent
2799	05/29/21 07:00:00	7.55	22.36					7.770208674	89.25924013			0.22	2.92	Excellent
2800	05/29/21 07:30:00	7.59	22.34					7.811925738	89.7040899			0.22	2.92	Excellent
2801	05/29/21 08:00:00	7.63	22.32					7.853648603	90.14864192			0.22	2.93	Excellent
2802	05/29/21 08:30:00	7.61	22.30					7.833614214	89.88421639			0.22	2.94	Excellent
2803	05/29/21 09:00:00	7.62	22.28					7.844460628	89.97416558			0.22	2.95	Excellent
2804	05/29/21 09:30:00	7.63	22.26					7.855308492	90.06403872			0.23	2.95	Excellent
2805	05/29/21 10:00:00	7.67	22.24					7.89704586	90.50784301			0.23	2.96	Excellent
2806	05/29/21 10:30:00	7.71	22.22					7.93878903	90.95134942			0.23	2.97	Excellent
2807	05/29/21 11:00:00	7.69	22.18					7.91875319	90.65216977			0.23	2.97	Excellent
2808	05/29/21 11:30:00	7.63	22.16					7.857521676	89.91665925			0.23	2.98	Excellent
2809	05/29/21 12:00:00	7.72	22.14					7.950765241	90.94872882			0.23	2.99	Excellent
2810	05/29/21 12:30:00	7.70	22.12					7.930725776	90.68463583			0.23	3.00	Excellent
2811	05/29/21 13:00:00	7.70	22.12					7.931284148	90.69102059			0.23	3.00	Excellent
2812	05/29/21 13:30:00	7.70	22.10					7.93184252	90.66254146			0.23	3.01	Excellent
2813	05/29/21 14:00:00	7.72	22.08					7.953004531	90.86947332			0.23	3.02	Excellent
2814	05/29/21 14:30:00	7.74	22.06					7.974169443	91.07625507			0.23	3.03	Excellent
2815	05/29/21 15:00:00	7.71	22.04					7.943820907	90.69472376			0.23	3.03	Excellent
2816	05/29/21 15:30:00	7.75	22.02					7.985595983	91.13658139			0.24	3.04	Excellent
2817	05/29/21 16:00:00	7.72	22.00					7.955243821	90.75523074			0.24	3.05	Excellent
2818	05/29/21 16:30:00	7.71	21.96					7.945498199	90.57423853			0.24	3.05	Excellent
2819	05/29/21 17:00:00	7.68	21.94					7.915138785	90.19338972			0.24	3.06	Excellent
2820	05/29/21 17:30:00	7.66	21.90					7.895081916	89.89548821			0.24	3.07	Excellent
2821	05/29/21 18:00:00	7.61	21.84					7.844099285	89.21164989			0.23	3.08	Excellent
2822	05/29/21 18:30:00	7.55	21.80					7.782801056	88.44616036			0.23	3.08	Excellent
2823	05/29/21 19:00:00	7.50	21.76					7.731803196	87.79872418			0.23	3.09	Excellent
2824	05/29/21 19:30:00	7.44	21.70					7.670488289	87.00146721			0.23	3.10	Excellent
2825	05/29/21 20:00:00	7.40	21.66					7.629785722	86.47284524			0.23	3.11	Excellent
2826	05/29/21 20:30:00	7.34	21.62					7.568454861	85.7113366			0.23	3.11	Excellent
2827	05/29/21 21:00:00	7.24	21.56					7.465867412	84.45130758			0.23	3.12	Excellent
2828	05/29/21 21:30:00	7.14	21.48					7.36326546	83.16155188			0.22	3.13	Excellent
2829	05/29/21 22:00:00	7.11	21.44					7.332842958	82.75365973			0.22	3.13	Excellent
2830	05/29/21 22:30:00	7.03	21.38					7.250845369	81.73294048			0.22	3.14	Excellent
2831	05/29/21 23:00:00	6.94	21.32					7.158521306	80.59813374			0.22	3.15	Excellent
2832	05/29/21 23:30:00	6.91	21.26				7.895	7.128077774	80.16167898		8.127	0.22	3.16	Excellent
2833	05/30/21 00:00:00	6.85	21.22	6.60	7.38	6.98979		7.066680924	79.40930633	7.223		0.22	3.16	Excellent
2834	05/30/21 00:30:00	6.92	21.24					7.139396991	80.25769927			0.22	3.17	Excellent
2835	05/30/21 01:00:00	6.80	21.18					7.016085527	78.77930197			0.22	3.18	Excellent
2836	05/30/21 01:30:00	6.79	21.16					7.006260137	78.63829705			0.22	3.18	Excellent
2837	05/30/21 02:00:00	6.73	21.14					6.944837181	77.91847521			0.21	3.19	Excellent
2838	05/30/21 02:30:00	6.84	21.10					7.058844644	79.13578456			0.22	3.20	Excellent
2839	05/30/21 03:00:00	6.70	21.06					6.914851224	77.46095183			0.21	3.21	Excellent
2840	05/30/21 03:30:00	6.66	21.00					6.874051486	76.91365009			0.21	3.21	Excellent
2841	05/30/21 04:00:00	6.63	20.96					6.843568071	76.51267797			0.21	3.22	Excellent
2842	05/30/21 04:30:00	6.62	20.90					6.833726002	76.31294768			0.21	3.23	Excellent
2843	05/30/21 05:00:00	6.60	20.88					6.813558909	76.05793462			0.21	3.24	Excellent
2844	05/30/21 05:30:00	6.66	20.86					6.875983309	76.72468581			0.22	3.24	Excellent
2845	05/30/21 06:00:00	6.70	20.86					6.917766363	77.19091609			0.22	3.25	Excellent
2846	05/30/21 06:30:00	6.66	20.84					6.876949221	76.70538626			0.22	3.26	Excellent
2847	05/30/21 07:00:00	6.69	20.84					6.908411601	77.05631716			0.22	3.26	Excellent
2848	05/30/21 07:30:00	6.69	20.80					6.908896732	77.00130089			0.22	3.27	Excellent
2849	05/30/21 08:00:00	6.73	20.78					6.950693563	77.43674363			0.22	3.28	Excellent
2850	05/30/21 08:30:00	6.73	20.78					6.951181595	77.44218073			0.22	3.29	Excellent
2851	05/30/21 09:00:00	6.80	20.78					7.023975255	78.25316511			0.22	3.29	Excellent
2852	05/30/21 09:30:00	6.85	20.76					7.076118865	78.80315116			0.23	3.30	Excellent
2853	05/30/21 10:00:00	6.89	20.74					7.117938902	79.2377604			0.23	3.31	Excellent
2854	05/30/21 10:30:00	6.95	20.74					7.180427841	79.93339486			0.23	3.32	Excellent
2855	05/30/21 11:00:00	6.98	20.74					7.211928655	80.28406574			0.23	3.32	Excellent
2856	05/30/21 11:30:00	7.03	20.74					7.264099821	80.86484151			0.23	3.33	Excellent
2857	05/30/21 12:00:00	7.04	20.74					7.274943334	80.98555281			0.23	3.34	Excellent
2858	05/30/21 12:30:00	7.12	20.74					7.358129458	81.91159084			0.24	3.34	Excellent
2859	05/30/21 13:00:00	7.15	20.74					7.389651301	82.26249583			0.24	3.35	Excellent
2860	05/30/21 13:30:00	7.19	20.74					7.431513397	82.72850976			0.24	3.36	Excellent
2861	05/30/21 14:00:00	7.23	20.72					7.473381294	83.16191754			0.24	3.37	Excellent
2862	05/30/21 14:30:00	7.28	20.72					7.525592344	83.74290905			0.25	3.37	Excellent
2863	05/30/21 15:00:00	7.28	20.72					7.52612026	83.74878356			0.25	3.38	Excellent
2864	05/30/21 15:30:00	7.34	20.74					7.58868099	84.4781185			0.25	3.39	Excellent
2865	05/30/21 16:00:00	7.36	20.76					7.609892312	84.74751563			0.25	3.40	Excellent
2866	05/30/21 16:30:00	7.34	20.76					7.589745523	84.52315105			0.25	3.40	Excellent
2867	05/30/21 17:00:00	7.38	20.74					7.631641701	84.95636235			0.25	3.41	Excellent
2868	05/30/21 17:30:00	7.37	20.72					7.621835165	84.81387509			0.25	3.42	Excellent
2869	05/30/21 18:00:00	7.34	20.68					7.591342323	84.40819336			0.25	3.42	Excellent
2870	05/30/21 18:30:00	7.35	20.66					7.602217743	84.49589111			0.25	3.43	Excellent
2871	05/30/21 19:00:00	7.31	20.62					7.56137522	83.97585386			0.25	3.44	Excellent
2872	05/30/21 19:30:00	7.31	20.60					7.561905311	83.94869885			0.25	3.45	Excellent
2873	05/30/21 20:00:00	7.05	20.58					7.293456852	80.93664429			0.24	3.45	Excellent
2874	05/30/21 20:30:00	7.09	20.56					7.335352305	81.36951759			0.25	3.46	Excellent
2875	05/30/21 21:00:00	7.14	20.52					7.387600338	81.88455076			0.25	3.47	Excellent
2876	05/30/21 21:30:00	7.15	20.50					7.398465606	81.97266668			0.25	3.48	Excellent
2877	05/30/21 22:00:00	7.05	20.48					7.2955018	80.79999711			0.25	3.48	Excellent
2878	05/30/21 22:30:00	7.00	20.48					7.244268263	80.23256944			0.24	3.49	Excellent
2879	05/30/21 23:00:00	7.04	20.48					7.286174594	80.69669535			0.25	3.50	Excellent
2880	05/30/21 23:30:00	7.10	20.44				7.475	7.348787535	81.32596957		7.693	0.25	3.50	Excellent
2881	05/31/21 00:00:00	7.11	20.42	6.89	7.62	7.22771		7.359653528	81.41408334	7.494		0.25	3.51	Excellent
2882	05/31/21 00:30:00	7.01	20.38					7.256650563	80.2112779			0.25	3.52	Excellent
2883	05/31/21 01:00:00	7.10	20.36					7.350332123	81.21469824			0.25	3.53	Excellent
2884	05/31/21 01:30:00	7.04	20.36					7.288727153	80.53401755			0.25	3.53	Excellent
2885	05/31/21 02:00:00	7.07	20.34					7.320299757	80.85091327			0.25	3.54	Excellent
2886	05/31/21 02:30:00	7.03	20.32					7.27939342	80.36734013			0.25	3.55	Excellent
2887	05/31/21 03:00:00	7.03	20.32					7.279903207	80.37296837			0.25	3.55	Excellent
2888	05/31/21 03:30:00	6.99	20.30					7.238988168	79.88965655			0.25	3.56	Excellent
2889	05/31/21 04:00:00	7.01	20.28					7.260208917	80.09216529			0.25	3.57	Excellent
2890	05/31/21 04:30:00	7.01	20.28					7.260717254	80.09777308			0.25	3.58	Excellent
2891	05/31/21 05:00:00	6.95	20.26					7.199075299	79.38634521			0.25	3.58	Excellent

2892	05/31/21 05:30:00	7.03	20.26					7.28245214	80.30576644			0.25	3.59	Excellent
2893	05/31/21 06:00:00	6.89	20.26					7.137924278	78.7120147			0.25	3.60	Excellent
2894	05/31/21 06:30:00	6.96	20.28					7.210947813	79.54873347			0.25	3.61	Excellent
2895	05/31/21 07:00:00	6.97	20.26					7.221813806	79.63708948			0.25	3.61	Excellent
2896	05/31/21 07:30:00	7.03	20.28					7.284491286	80.36004016			0.25	3.62	Excellent
2897	05/31/21 08:00:00	7.00	20.32					7.253912875	80.08602498			0.25	3.63	Excellent
2898	05/31/21 08:30:00	7.02	20.34					7.275147402	80.3522166			0.26	3.63	Excellent
2899	05/31/21 09:00:00	7.05	20.36					7.306749012	80.73314323			0.26	3.64	Excellent
2900	05/31/21 09:30:00	7.05	20.36					7.307260249	80.73879195			0.26	3.65	Excellent
2901	05/31/21 10:00:00	7.03	20.40					7.28704022	80.57900309			0.26	3.66	Excellent
2902	05/31/21 10:30:00	7.09	20.42					7.349748157	81.30450797			0.26	3.66	Excellent
2903	05/31/21 11:00:00	7.13	20.44					7.391730629	81.8012029			0.26	3.67	Excellent
2904	05/31/21 11:30:00	7.09	20.44					7.350776432	81.34797986			0.26	3.68	Excellent
2905	05/31/21 12:00:00	7.18	20.44					7.444607375	82.38636781			0.26	3.69	Excellent
2906	05/31/21 12:30:00	7.16	20.44					7.424389521	82.16262524			0.26	3.69	Excellent
2907	05/31/21 13:00:00	7.25	20.44					7.518238593	83.20121382			0.27	3.70	Excellent
2908	05/31/21 13:30:00	7.30	20.42					7.57061788	83.74781675			0.27	3.71	Excellent
2909	05/31/21 14:00:00	7.34	20.40					7.612632985	84.17935929			0.27	3.71	Excellent
2910	05/31/21 14:30:00	7.40	20.38					7.67539821	84.83989871			0.28	3.72	Excellent
2911	05/31/21 15:00:00	7.40	20.36					7.675934827	84.81232143			0.28	3.73	Excellent
2912	05/31/21 15:30:00	7.34	20.34					7.614229784	84.09729825			0.27	3.74	Excellent
2913	05/31/21 16:00:00	7.36	20.34					7.635510721	84.33234097			0.28	3.74	Excellent
2914	05/31/21 16:30:00	7.45	20.32					7.729419982	85.33580874			0.28	3.75	Excellent
2915	05/31/21 17:00:00	7.48	20.28					7.761087581	85.61768903			0.28	3.76	Excellent
2916	05/31/21 17:30:00	7.51	20.24					7.792759532	85.89907517			0.28	3.77	Excellent
2917	05/31/21 18:00:00	7.56	20.22					7.845190306	86.44278734			0.29	3.77	Excellent
2918	05/31/21 18:30:00	7.50	20.16					7.78347076	85.66086365			0.28	3.78	Excellent
2919	05/31/21 19:00:00	7.49	20.14					7.773635943	85.5187208			0.28	3.79	Excellent
2920	05/31/21 19:30:00	7.56	20.12					7.846834966	86.28976972			0.29	3.79	Excellent
2921	05/31/21 20:00:00	7.62	20.12					7.909664005	86.98068566			0.29	3.80	Excellent
2922	05/31/21 20:30:00	7.54	20.02					7.827169683	85.90287197			0.29	3.81	Excellent
2923	05/31/21 21:00:00	7.43	19.92					7.713518998	84.48746092			0.28	3.82	Excellent
2924	05/31/21 21:30:00	7.41	19.88					7.693293167	84.19887909			0.28	3.82	Excellent
2925	05/31/21 22:00:00	7.54	19.90					7.828809992	85.71614811			0.29	3.83	Excellent
2926	05/31/21 22:30:00	7.48	19.86					7.767054188	84.97231319			0.29	3.84	Excellent
2927	05/31/21 23:00:00	7.44	19.80					7.726058657	84.42285033			0.29	3.84	Excellent
2928	05/31/21 23:30:00	7.50	19.82				7.242	7.788909451	85.1435497		7.446	0.29	3.85	Excellent
2929	06/01/21 00:00:00	7.50	19.80	7.40	9.90	8.59771		7.78945332	85.11556551	8.804		0.29	3.86	Excellent
2930	06/01/21 00:30:00	7.46	19.78					7.748450537	84.63377885			0.29	3.87	Excellent
2931	06/01/21 01:00:00	7.40	19.74					7.686667177	83.8919893			0.29	3.87	Excellent
2932	06/01/21 01:30:00	7.47	19.70					7.759920587	84.62389663			0.29	3.88	Excellent
2933	06/01/21 02:00:00	7.59	19.68					7.885128342	85.95498895			0.30	3.89	Excellent
2934	06/01/21 02:30:00	7.47	19.64					7.761003975	84.53435075			0.29	3.90	Excellent
2935	06/01/21 03:00:00	7.50	19.58					7.792716534	84.77801952			0.29	3.90	Excellent
2936	06/01/21 03:30:00	7.49	19.54					7.78286939	84.60315651			0.29	3.91	Excellent
2937	06/01/21 04:00:00	7.54	19.50					7.835371229	85.10569348			0.30	3.92	Excellent
2938	06/01/21 04:30:00	7.57	19.48					7.867095391	85.41604846			0.30	3.92	Excellent
2939	06/01/21 05:00:00	7.48	19.46					7.774105632	84.37260614			0.29	3.93	Excellent
2940	06/01/21 05:30:00	7.66	19.40					7.961738512	86.30510803			0.30	3.94	Excellent
2941	06/01/21 06:00:00	7.65	19.36					7.951899344	86.12929524			0.30	3.95	Excellent
2942	06/01/21 06:30:00	7.76	19.32					8.066803103	87.30370614			0.31	3.95	Good
2943	06/01/21 07:00:00	7.87	19.24					8.181722816	88.40518128			0.31	3.96	Good
2944	06/01/21 07:30:00	7.93	19.22					8.244674407	89.04955606			0.31	3.97	Good
2945	06/01/21 08:00:00	8.03	19.18					8.349224861	90.1062306			0.32	3.98	Good
2946	06/01/21 08:30:00	8.08	19.14					8.401798491	90.60060865			0.32	3.98	Good
2947	06/01/21 09:00:00	8.15	19.12					8.475177354	91.3550709			0.33	3.99	Good
2948	06/01/21 09:30:00	8.20	19.10					8.527766937	91.88489846			0.33	4.00	Good
2949	06/01/21 10:00:00	8.26	19.08					8.590764213	92.5263676			0.33	4.00	Good
2950	06/01/21 10:30:00	8.31	19.08					8.643369024	93.09294492			0.33	4.01	Good
2951	06/01/21 11:00:00	8.46	19.14					8.80	94.89460584			0.34	4.02	Good
2952	06/01/21 11:30:00	8.55	19.34					8.638959538	94.07096017			0.09	1.04	Excellent
2953	06/01/21 12:00:00	8.65	19.34					8.74	95.17120531			0.09	1.04	Excellent
2954	06/01/21 12:30:00	8.69	19.40					8.781825215	95.74190835			0.09	1.06	Excellent
2955	06/01/21 13:00:00	8.94	19.36					9.035916474	98.43301445			0.10	1.07	Excellent
2956	06/01/21 13:30:00	9.03	19.36					9.128346235	99.4399007			0.10	1.09	Excellent
2957	06/01/21 14:00:00	8.99	19.34					9.089368267	98.97553015			0.10	1.11	Excellent
2958	06/01/21 14:30:00	9.05	19.28					9.151498861	99.53199477			0.10	1.12	Excellent
2959	06/01/21 15:00:00	9.19	19.32					9.294559112	101.1692275			0.10	1.14	Excellent
2960	06/01/21 15:30:00	9.21	19.20					9.316280007	101.1612092			0.11	1.15	Excellent
2961	06/01/21 16:00:00	9.27	19.04					9.378475458	101.5086419			0.11	1.17	Excellent
2962	06/01/21 16:30:00	9.34	18.94					9.450809007	102.0851271			0.11	1.19	Excellent
2963	06/01/21 17:00:00	9.57	18.96					9.685089425	104.658063			0.12	1.20	Excellent
2964	06/01/21 17:30:00	9.65	19.00					9.767616199	105.6351891			0.12	1.22	Excellent
2965	06/01/21 18:00:00	9.69	19.00					9.809674902	106.0900472			0.12	1.24	Excellent
2966	06/01/21 18:30:00	9.65	18.94					9.770745576	105.5409968			0.12	1.25	Excellent
2967	06/01/21 19:00:00	9.57	18.80					9.691296294	104.3866046			0.12	1.27	Excellent
2968	06/01/21 19:30:00	9.50	18.62					9.621949436	103.2617951			0.12	1.28	Excellent
2969	06/01/21 20:00:00	9.36	18.46					9.481669953	101.4255758			0.12	1.30	Excellent
2970	06/01/21 20:30:00	9.41	18.38					9.533845674	101.8174941			0.12	1.32	Excellent
2971	06/01/21 21:00:00	9.56	18.36					9.68736993	103.414857			0.13	1.33	Excellent
2972	06/01/21 21:30:00	9.62	18.34					9.749729147	104.0380753			0.13	1.35	Excellent
2973	06/01/21 22:00:00	9.76	18.32					9.893199622	105.5259279			0.13	1.36	Excellent
2974	06/01/21 22:30:00	9.84	18.26					9.975886918	106.2775473			0.14	1.38	Excellent
2975	06/01/21 23:00:00	9.87	18.20					10.00790157	106.4878615			0.14	1.40	Excellent
2976	06/01/21 23:30:00	9.90	18.18				7.331	10.03992595	106.7848967		7.532	0.14	1.41	Excellent
2977	06/02/21 00:00:00	9.90	18.16	9.90	10.59	10.29167		10.04153117	106.7582501	10.478		0.14	1.43	Excellent
2978	06/02/21 00:30:00	9.93	18.16					10.07357014	107.0988779			0.14	1.45	Excellent
2979	06/02/21 01:00:00	9.91	18.14					10.05488782	106.8564792			0.14	1.46	Excellent
2980	06/02/21 01:30:00	9.94	18.14					10.08693814	107.1970882			0.15	1.48	Excellent
2981	06/02/21 02:00:00	9.98	18.14					10.12914764	107.6456619			0.15	1.49	Excellent
2982	06/02/21 02:30:00	10.01	18.14					10.16121904	107.9864948			0.15	1.51	Excellent
2983	06/02/21 03:00:00	10.03	18.14					10.18314748	108.2195353			0.15	1.53	Excellent
2984	06/02/21 03:30:00	10.05	18.14					10.20508241	108.4526447			0.16	1.54	Excellent
2985	06/02/21 04:00:00	10.05	18.12					10.20671195	108.4255306			0.16	1.56	Excellent
2986	06/02/21 04:30:00	10.12	18.12					10.27944437	109.1981645			0.16	1.58	Excellent
2987	06/02/21 05:00:00	10.11	18.08					10.27092609	109.0182635			0.16	1.59	Excellent
2988	06/02/21 05:30:00	10.14	18.06					10.30304776	109.3143711			0.16	1.61	Excellent
2989	06/02/21 06:00:00	10.14	18.04					10.3046919	109.2869716			0.16	1.62	Excellent
2990	06/02/21 06:30:00	10.16	18.02					10.32666412	109.4750636			0.17	1.64	Excellent
2991	06/02/21 07:00:00	10.19	18.00					10.35880848	109.7707608			0.17	1.66	Excellent
2992	06/02/21 07:30:00	10.20	17.98					10.37062801	109.850891			0.17	1.67	Excellent
2993	06/02/21 08:00:00	10.19	17.96					10.36211297	109.7156167			0.17	1.69	Excellent
2994	06/02/21 08:30:00	10.17	17.94					10.34342417	109.4727431			0.17	1.71	Excellent
2995	06/02/21 09:00:00	10.14	17.92					10.31455673	109.1223513			0.17	1.72	Excellent
2996	06/02/21 09:30:00	10.15	17.90					10.32637464	109.202466			0.18	1.74	Excellent
2997	06/02/21 10:00:00	10.17	17.88					10.34837118	109.3900774			0.18	1.75	Excellent
2998	06/02/21 10:30:00	10.26	17.88					10.44161328	110.3757166			0.18	1.77	Excellent
2999	06/02/21 11:00:00	10.27	17.88					10.45345551	110.5008979			0.18	1.79	Excellent
3000	06/02/21 11:30:00	10.32	17.88					10.506022	111.0565653			0.19	1.80	Excellent
3001	06/02/21 12:00:00	10.30	17.88					10.48733157	110.8589934			0.19	1.82	Excellent
3002	06/02/21 12:30:00	10.36	17.86					10.55010264	111.476653			0.19	1.83	Excellent
3003	06/02/21 13:00:00	10.46	17.90					10.65363363	112.6632632			0.19	1.85	Excellent
3004	06/02/21 13:30:00	10.38	17.92					10.57383574	111.8653809			0.19	1.87	Excellent
3005	06/02/21 14:00:00	10.52	17.92					10.71815584	113.3922085			0.20	1.88	Excellent
3006	06/02/21 14:30:00	10.58	17.98					10.78100149	114.1977727			0.20	1.90	Excellent
3007	06/02/21 15:00:00	10.55	18.04					10.75214216	114.0324298			0.20	1.92	Excellent

3008	06/02/21 15:30:00	10.59	18.06					10.79462568	114.5299668			0.20	1.93	Excellent
3009	06/02/21 16:00:00	10.55	18.10					10.7555634	114.2091425			0.21	1.95	Excellent
3010	06/02/21 16:30:00	10.56	18.12					10.76747049	114.3824482			0.21	1.96	Excellent
3011	06/02/21 17:00:00	10.43	18.12					10.63660756	112.9922961			0.21	1.98	Excellent
3012	06/02/21 17:30:00	10.50	18.16					10.7096967	113.8619658			0.21	2.00	Excellent
3013	06/02/21 18:00:00	10.49	18.20					10.70119788	113.8647967			0.21	2.01	Excellent
3014	06/02/21 18:30:00	10.47	18.24					10.68249286	113.7588081			0.21	2.03	Excellent
3015	06/02/21 19:00:00	10.43	18.22					10.6433722	113.2958574			0.21	2.05	Excellent
3016	06/02/21 19:30:00	10.45	18.28					10.66547576	113.6704983			0.22	2.06	Excellent
3017	06/02/21 20:00:00	10.48	18.34					10.69779362	114.1547464			0.22	2.08	Excellent
3018	06/02/21 20:30:00	10.47	18.38					10.68928345	114.1570875			0.22	2.09	Excellent
3019	06/02/21 21:00:00	10.51	18.42					10.73182534	114.704955			0.22	2.11	Excellent
3020	06/02/21 21:30:00	10.50	18.46					10.72331679	114.707492			0.22	2.13	Excellent
3021	06/02/21 22:00:00	10.52	18.50					10.74544791	115.0379159			0.23	2.14	Excellent
3022	06/02/21 22:30:00	10.46	18.52					10.68585811	114.4465527			0.23	2.16	Excellent
3023	06/02/21 23:00:00	10.46	18.54					10.68755413	114.5113178			0.23	2.18	Excellent
3024	06/02/21 23:30:00	10.45	18.54				7.742	10.67903099	114.419997		7.949	0.23	2.19	Excellent
3025	06/03/21 00:00:00	10.43	18.56	9.22	10.44	10.01250		10.66028381	114.2656166	10.271		0.23	2.21	Excellent
3026	06/03/21 00:30:00	10.44	18.56					10.67219738	114.393316			0.23	2.22	Excellent
3027	06/03/21 01:00:00	10.41	18.58					10.64321807	114.1291068			0.23	2.24	Excellent
3028	06/03/21 01:30:00	10.39	18.60					10.62445468	113.9742403			0.23	2.26	Excellent
3029	06/03/21 02:00:00	10.40	18.60					10.63636663	114.1020262			0.24	2.27	Excellent
3030	06/03/21 02:30:00	10.38	18.62					10.61759513	113.9469647			0.24	2.29	Excellent
3031	06/03/21 03:00:00	10.37	18.62					10.60904767	113.8552342			0.24	2.31	Excellent
3032	06/03/21 03:30:00	10.37	18.64					10.6107291	113.9195634			0.24	2.32	Excellent
3033	06/03/21 04:00:00	10.34	18.64					10.58170925	113.6079987			0.24	2.34	Excellent
3034	06/03/21 04:30:00	10.30	18.64					10.54244428	113.1864398			0.24	2.35	Excellent
3035	06/03/21 05:00:00	10.33	18.66					10.57482538	113.5802231			0.24	2.37	Excellent
3036	06/03/21 05:30:00	10.29	18.68					10.53554582	113.2042998			0.25	2.39	Excellent
3037	06/03/21 06:00:00	10.28	18.68					10.52697404	113.1121961			0.25	2.40	Excellent
3038	06/03/21 06:30:00	10.26	18.70					10.50815714	112.9558568			0.25	2.42	Excellent
3039	06/03/21 07:00:00	10.26	18.72					10.50982073	113.0195982			0.25	2.43	Excellent
3040	06/03/21 07:30:00	10.25	18.76					10.50123922	113.0189691			0.25	2.45	Excellent
3041	06/03/21 08:00:00	10.26	18.78					10.51314793	113.1930204			0.25	2.47	Excellent
3042	06/03/21 08:30:00	10.24	18.82					10.49431481	113.0818637			0.25	2.48	Excellent
3043	06/03/21 09:00:00	10.21	18.84					10.46522524	112.8140944			0.26	2.50	Excellent
3044	06/03/21 09:30:00	10.20	18.86					10.45662913	112.7670817			0.26	2.52	Excellent
3045	06/03/21 10:00:00	10.18	18.90					10.43777656	112.6549221			0.26	2.53	Excellent
3046	06/03/21 10:30:00	10.19	18.94					10.44968203	112.874688			0.26	2.55	Excellent
3047	06/03/21 11:00:00	10.16	18.98					10.42056489	112.6512028			0.26	2.56	Excellent
3048	06/03/21 11:30:00	10.12	19.02					10.38117994	112.316134			0.26	2.58	Excellent
3049	06/03/21 12:00:00	10.16	19.06					10.42385965	112.8689832			0.26	2.60	Excellent
3050	06/03/21 12:30:00	10.12	19.08					10.38446173	112.4877623			0.26	2.61	Excellent
3051	06/03/21 13:00:00	10.13	19.10					10.39636558	112.6621417			0.27	2.63	Excellent
3052	06/03/21 13:30:00	10.12	19.12					10.38774353	112.6141065			0.27	2.65	Excellent
3053	06/03/21 14:00:00	10.09	19.16					10.35858585	112.388561			0.27	2.66	Excellent
3054	06/03/21 14:30:00	10.13	19.22					10.40129313	112.9883454			0.27	2.68	Excellent
3055	06/03/21 15:00:00	10.08	19.24					10.35158848	112.4936711			0.27	2.69	Excellent
3056	06/03/21 15:30:00	10.02	19.26					10.29159657	111.8867261			0.27	2.71	Excellent
3057	06/03/21 16:00:00	9.94	19.22					10.21103984	110.9216404			0.27	2.73	Excellent
3058	06/03/21 16:30:00	9.86	19.24					10.13045717	110.0905739			0.27	2.74	Excellent
3059	06/03/21 17:00:00	9.81	19.24					10.08067632	109.5495912			0.27	2.76	Excellent
3060	06/03/21 17:30:00	9.75	19.28					10.02060171	108.9843852			0.27	2.78	Excellent
3061	06/03/21 18:00:00	9.70	19.34					9.970786802	108.5734322			0.27	2.79	Excellent
3062	06/03/21 18:30:00	9.69	19.40					9.962078815	108.6093623			0.27	2.81	Excellent
3063	06/03/21 19:00:00	9.64	19.48					9.912237966	108.2394968			0.27	2.82	Excellent
3064	06/03/21 19:30:00	9.62	19.54					9.893232981	108.1618882			0.27	2.84	Excellent
3065	06/03/21 20:00:00	9.56	19.62					9.833078921	107.6764528			0.27	2.86	Excellent
3066	06/03/21 20:30:00	9.48	19.68					9.752330866	106.9203698			0.27	2.87	Excellent
3067	06/03/21 21:00:00	9.35	19.74					9.620112417	105.5972193			0.27	2.89	Excellent
3068	06/03/21 21:30:00	9.30	19.78					9.570175903	105.1329503			0.27	2.91	Excellent
3069	06/03/21 22:00:00	9.27	19.84					9.540807442	104.9357673			0.27	2.92	Excellent
3070	06/03/21 22:30:00	9.27	19.88					9.542310516	105.035958			0.27	2.94	Excellent
3071	06/03/21 23:00:00	9.23	19.90					9.502632086	104.6408624			0.27	2.95	Excellent
3072	06/03/21 23:30:00	9.22	19.90				8.249	9.493831677	104.5439543		8.472	0.27	2.97	Excellent
3073	06/04/21 00:00:00	9.22	19.94	8.41	9.69	8.99646		9.495326643	104.6436834	9.299		0.28	2.99	Excellent
3074	06/04/21 00:30:00	9.22	19.96					9.49682161	104.7018037			0.28	3.00	Excellent
3075	06/04/21 01:00:00	9.18	19.98					9.45710913	104.3054505			0.28	3.02	Excellent
3076	06/04/21 01:30:00	9.18	20.00					9.458597611	104.3633513			0.28	3.03	Excellent
3077	06/04/21 02:00:00	9.20	20.02					9.480696301	104.6487659			0.28	3.05	Excellent
3078	06/04/21 02:30:00	9.23	20.02					9.513108203	105.0065314			0.28	3.07	Excellent
3079	06/04/21 03:00:00	9.19	20.04					9.473371401	104.6094684			0.28	3.08	Excellent
3080	06/04/21 03:30:00	9.19	20.04					9.474861503	104.6259228			0.28	3.10	Excellent
3081	06/04/21 04:00:00	9.20	20.06					9.486663196	104.7978597			0.29	3.12	Excellent
3082	06/04/21 04:30:00	9.13	20.06					9.415962437	104.0168381			0.29	3.13	Excellent
3083	06/04/21 05:00:00	9.12	20.06					9.407127977	103.9192451			0.29	3.15	Excellent
3084	06/04/21 05:30:00	9.10	20.08					9.38797382	103.748839			0.29	3.16	Excellent
3085	06/04/21 06:00:00	9.08	20.08					9.368813177	103.53709			0.29	3.18	Excellent
3086	06/04/21 06:30:00	9.06	20.10					9.349646049	103.3662917			0.29	3.20	Excellent
3087	06/04/21 07:00:00	9.07	20.10					9.361436392	103.4966415			0.29	3.21	Excellent
3088	06/04/21 07:30:00	9.04	20.12					9.331938215	103.2114683			0.29	3.23	Excellent
3089	06/04/21 08:00:00	9.08	20.12					9.374702244	103.6844395			0.29	3.25	Excellent
3090	06/04/21 08:30:00	9.05	20.14					9.34519596	103.3991087			0.30	3.26	Excellent
3091	06/04/21 09:00:00	9.12	20.14					9.418957996	104.2152424			0.30	3.28	Excellent
3092	06/04/21 09:30:00	9.07	20.16					9.368789617	103.7012749			0.30	3.29	Excellent
3093	06/04/21 10:00:00	9.09	20.16					9.390922358	103.9462578			0.30	3.31	Excellent
3094	06/04/21 10:30:00	9.11	20.18					9.413061584	104.2326263			0.30	3.33	Excellent
3095	06/04/21 11:00:00	9.17	20.22					9.476544458	105.0187791			0.31	3.34	Good
3096	06/04/21 11:30:00	9.19	20.28					9.498703142	105.3894498			0.31	3.36	Good
3097	06/04/21 12:00:00	9.19	20.36					9.500193244	105.572867			0.31	3.38	Good
3098	06/04/21 12:30:00	9.30	20.42					9.615414051	106.9799986			0.32	3.39	Good
3099	06/04/21 13:00:00	9.45	20.66					9.772033634	109.2379592			0.32	3.41	Good
3100	06/04/21 13:30:00	9.46	20.72					9.783908291	109.4997924			0.32	3.42	Good
3101	06/04/21 14:00:00	9.69	20.80					10.02335461	112.3560161			0.33	3.44	Good
3102	06/04/21 14:30:00	9.43	20.80					9.755939132	109.358443			0.33	3.46	Good
3103	06/04/21 15:00:00	9.44	20.94					9.767815411	109.7925004			0.33	3.47	Good
3104	06/04/21 15:30:00	9.01	20.60					9.324344058	104.1104048			0.31	3.49	Good
3105	06/04/21 16:00:00	8.73	20.34					9.035990835	100.3746343			0.31	3.51	Good
3106	06/04/21 16:30:00	8.66	20.34					8.964941467	99.5853955			0.30	3.52	Good
3107	06/04/21 17:00:00	8.52	20.30					8.821393163	97.91333557			0.30	3.54	Good
3108	06/04/21 17:30:00	8.52	20.36					8.822774629	98.04491221			0.30	3.55	Good
3109	06/04/21 18:00:00	8.56	20.64					8.865584058	99.06610861			0.31	3.57	Good
3110	06/04/21 18:30:00	8.64	20.68					8.949840907	100.0863289			0.31	3.59	Good
3111	06/04/21 19:00:00	8.41	20.52					8.712956457	97.1307918			0.30	3.60	Good
3112	06/04/21 19:30:00	8.51	20.54					8.817938638	98.33987533			0.31	3.62	Good
3113	06/04/21 20:00:00	8.47	20.44					8.777864577	97.70008457			0.31	3.63	Good
3114	06/04/21 20:30:00	8.51	20.46					8.820698327	98.2155932			0.31	3.65	Good
3115	06/04/21 21:00:00	8.61	20.50					8.925745365	99.46370416			0.32	3.67	Good
3116	06/04/21 21:30:00	8.62	20.54					8.937509765	99.67336269			0.32	3.68	Good
3117	06/04/21 22:00:00	8.67	20.58					8.990757257	100.3462351			0.32	3.70	Good
3118	06/04/21 22:30:00	8.67	20.62					8.992163044	100.4409931			0.32	3.72	Good
3119	06/04/21 23:00:00	8.76	20.64					9.086927678	101.539454			0.33	3.73	Good
3120	06/04/21 23:30:00	8.71	20.64				8.516	9.036473925	100.9756719		8.756	0.33	3.75	Good
3121	06/05/21 00:00:00	8.67	20.66	8.21	9.92	8.99063		8.996380407	100.5672179	9.364		0.33	3.76	Good
3122	06/05/21 00:30:00	8.54	20.66					8.862871292	99.0747688			0.32	3.78	Good
3123	06/05/21 01:00:00	8.49	20.66					8.812357546	98.51009427			0.32	3.80	Good

3124	06/05/21 01:30:00	8.28	20.64					8.59572659	96.05065818			0.32	3.81	Good
3125	06/05/21 02:00:00	8.60	20.66					8.929323021	99.81760816			0.33	3.83	Good
3126	06/05/21 02:30:00	8.38	20.64					8.702257244	97.24105662			0.32	3.85	Good
3127	06/05/21 03:00:00	8.23	20.64					8.547823361	95.51537631			0.32	3.86	Good
3128	06/05/21 03:30:00	8.21	20.64					8.528382209	95.29813633			0.32	3.88	Good
3129	06/05/21 04:00:00	8.46	20.62					8.789448898	98.17670921			0.33	3.89	Good
3130	06/05/21 04:30:00	8.50	20.62					8.832384799	98.65629621			0.33	3.91	Good
3131	06/05/21 05:00:00	8.59	20.60					8.927296984	99.67719948			0.34	3.93	Good
3132	06/05/21 05:30:00	8.50	20.60					8.835141245	98.64824011			0.34	3.94	Good
3133	06/05/21 06:00:00	8.60	20.60					8.940478521	99.82437715			0.34	3.96	Good
3134	06/05/21 06:30:00	8.60	20.62					8.941872959	99.87926108			0.34	3.98	Good
3135	06/05/21 07:00:00	8.62	20.62					8.964065692	100.1271503			0.34	3.99	Good
3136	06/05/21 07:30:00	8.64	20.64					8.986264912	100.4146247			0.35	4.01	Good
3137	06/05/21 08:00:00	8.54	20.64					8.883641925	99.26789144			0.34	4.02	Good
3138	06/05/21 08:30:00	8.58	20.68					8.926642684	99.82690247			0.35	4.04	Good
3139	06/05/21 09:00:00	8.63	20.70					8.980062048	100.4637876			0.35	4.06	Good
3140	06/05/21 09:30:00	8.64	20.74					8.991868605	100.6749756			0.35	4.07	Good
3141	06/05/21 10:00:00	8.67	20.78					9.024496159	101.1196837			0.35	4.09	Good
3142	06/05/21 10:30:00	8.82	20.84					9.182059419	103.0063911			0.36	4.10	Good
3143	06/05/21 11:00:00	8.86	20.90					9.225138007	103.6114615			0.37	4.12	Good
3144	06/05/21 11:30:00	8.91	20.90					9.278643307	104.2124024			0.37	4.14	Good
3145	06/05/21 12:00:00	8.93	20.94					9.300918735	104.544474			0.37	4.15	Good
3146	06/05/21 12:30:00	9.02	21.00					9.396119535	105.738665			0.38	4.17	Good
3147	06/05/21 13:00:00	9.01	21.06					9.387163468	105.7619018			0.38	4.19	Good
3148	06/05/21 13:30:00	9.26	21.12					9.649130055	108.8409029			0.39	4.20	Good
3149	06/05/21 14:00:00	9.22	21.14					9.608944115	108.4299455			0.39	4.22	Good
3150	06/05/21 14:30:00	9.10	21.08					9.485357445	106.9099993			0.39	4.23	Good
3151	06/05/21 15:00:00	9.16	21.08					9.549383501	107.6316406			0.39	4.25	Good
3152	06/05/21 15:30:00	9.13	21.08					9.519588601	107.2958206			0.39	4.27	Good
3153	06/05/21 16:00:00	9.05	21.04					9.437642303	106.2890625			0.39	4.28	Good
3154	06/05/21 16:30:00	9.08	21.08					9.470399572	106.7414083			0.39	4.30	Good
3155	06/05/21 17:00:00	9.37	21.16					9.774387569	110.3399215			0.40	4.32	Good
3156	06/05/21 17:30:00	9.29	21.20					9.69244127	109.500278			0.40	4.33	Good
3157	06/05/21 18:00:00	9.53	21.28					9.944383262	112.5219173			0.41	4.35	Good
3158	06/05/21 18:30:00	9.63	21.36					10.05029291	113.8975482			0.42	4.36	Good
3159	06/05/21 19:00:00	9.62	21.44					10.04141629	113.9741017			0.42	4.38	Good
3160	06/05/21 19:30:00	9.73	21.34					10.15781264	115.0712514			0.43	4.40	Good
3161	06/05/21 20:00:00	9.51	21.36					9.929681576	112.5306891			0.42	4.41	Good
3162	06/05/21 20:30:00	9.84	21.52					10.27584016	116.81625			0.44	4.43	Good
3163	06/05/21 21:00:00	9.86	21.56					10.29832475	117.1627478			0.44	4.45	Good
3164	06/05/21 21:30:00	9.76	21.56					10.19546179	115.9924888			0.44	4.46	Good
3165	06/05/21 22:00:00	9.63	21.56					10.06122303	114.4652713			0.43	4.48	Good
3166	06/05/21 22:30:00	9.64	21.60					10.07323388	114.6908367			0.43	4.49	Good
3167	06/05/21 23:00:00	9.92	21.68					10.36742591	118.2234956			0.45	4.51	Good
3168	06/05/21 23:30:00	9.70	21.66				8.729	10.13907595	115.5747724		8.991	0.44	4.53	Good
3169	06/06/21 00:00:00	9.55	21.56	8.99	10.41	9.56292		9.983834592	113.5848328	10.034		0.43	4.54	Good
3170	06/06/21 00:30:00	9.46	21.52					9.89127998	112.4445513			0.43	4.56	Good
3171	06/06/21 01:00:00	9.48	21.52					9.913728901	112.6997517			0.43	4.58	Good
3172	06/06/21 01:30:00	9.36	21.52					9.789756329	111.2904255			0.43	4.59	Good
3173	06/06/21 02:00:00	9.23	21.52					9.655284079	109.7617384			0.43	4.61	Good
3174	06/06/21 02:30:00	9.26	21.50					9.68816782	110.0928142			0.43	4.62	Good
3175	06/06/21 03:00:00	9.22	21.50					9.64781325	109.6342395			0.43	4.64	Good
3176	06/06/21 03:30:00	9.21	21.52					9.638842589	109.5748308			0.43	4.66	Good
3177	06/06/21 04:00:00	9.27	21.56					9.703139426	110.3913991			0.43	4.67	Good
3178	06/06/21 04:30:00	9.24	21.58					9.67323589	110.0938829			0.43	4.69	Good
3179	06/06/21 05:00:00	9.42	21.58					9.863202946	112.2559526			0.44	4.70	Good
3180	06/06/21 05:30:00	9.20	21.56					9.634343857	109.6087206			0.43	4.72	Good
3181	06/06/21 06:00:00	8.99	21.56					9.41588716	107.1233662			0.43	4.74	Good
3182	06/06/21 06:30:00	9.16	21.54					9.595425882	109.1236099			0.44	4.75	Good
3183	06/06/21 07:00:00	9.23	21.54					9.670249961	109.9745439			0.44	4.77	Good
3184	06/06/21 07:30:00	9.24	21.56					9.682225147	110.15346			0.44	4.79	Good
3185	06/06/21 08:00:00	9.34	21.56					9.788525558	111.3628264			0.45	4.80	Good
3186	06/06/21 08:30:00	9.33	21.58					9.77955814	111.303967			0.45	4.82	Good
3187	06/06/21 09:00:00	9.24	21.58					9.686719776	110.2473469			0.45	4.83	Good
3188	06/06/21 09:30:00	9.16	21.56					9.604337311	109.2673399			0.44	4.85	Good
3189	06/06/21 10:00:00	9.15	21.60					9.595335843	109.2496321			0.45	4.87	Good
3190	06/06/21 10:30:00	9.17	21.66					9.617796114	109.6327321			0.45	4.88	Good
3191	06/06/21 11:00:00	9.21	21.72					9.661242769	110.2559581			0.45	4.90	Good
3192	06/06/21 11:30:00	9.29	21.78					9.746668675	111.3599974			0.46	4.92	Good
3193	06/06/21 12:00:00	9.36	21.86					9.821627333	112.3899959			0.46	4.93	Good
3194	06/06/21 12:30:00	9.46	21.94					9.92809313	113.7837962			0.47	4.95	Good
3195	06/06/21 13:00:00	9.35	22.02					9.814166232	112.6516455			0.46	4.96	Good
3196	06/06/21 13:30:00	9.52	22.16					9.994149228	115.026979			0.47	4.98	Good
3197	06/06/21 14:00:00	9.40	22.32					9.86969671	113.9440118			0.47	5.00	Good
3198	06/06/21 14:30:00	9.71	22.40					10.19676113	117.9004977			0.49	5.01	Good
3199	06/06/21 15:00:00	9.97	22.62					10.47141147	121.5864371			0.50	5.03	Good
3200	06/06/21 15:30:00	10.20	22.56					10.7146325	124.2680971			0.51	5.05	Fair
3201	06/06/21 16:00:00	10.41	22.90					10.93691579	127.6705415			0.53	5.06	Fair
3202	06/06/21 16:30:00	10.19	22.74					10.70743245	124.6117461			0.52	5.08	Fair
3203	06/06/21 17:00:00	9.97	22.58					10.47787777	121.5686495			0.51	5.09	Fair
3204	06/06/21 17:30:00	10.20	22.58					10.72124797	124.3923308			0.52	5.11	Fair
3205	06/06/21 18:00:00	9.96	22.52					10.47059827	121.3450102			0.51	5.13	Fair
3206	06/06/21 18:30:00	9.93	22.44					10.44067041	120.8131824			0.51	5.14	Fair
3207	06/06/21 19:00:00	10.00	22.52					10.51589174	121.8699216			0.52	5.16	Fair
3208	06/06/21 19:30:00	10.07	22.54					10.59113577	122.7888572			0.52	5.18	Fair
3209	06/06/21 20:00:00	10.18	22.72					10.70847904	124.5764446			0.53	5.19	Fair
3210	06/06/21 20:30:00	9.85	22.62					10.36294472	120.3269998			0.51	5.21	Fair
3211	06/06/21 21:00:00	10.00	22.68					10.5223775	122.3181419			0.52	5.22	Fair
3212	06/06/21 21:30:00	9.82	22.62					10.33456695	119.9974979			0.51	5.24	Fair
3213	06/06/21 22:00:00	9.83	22.68					10.34668483	120.2757897			0.52	5.26	Fair
3214	06/06/21 22:30:00	9.83	22.70					10.3482787	120.3401949			0.52	5.27	Fair
3215	06/06/21 23:00:00	9.68	22.66					10.19193963	118.4317625			0.51	5.29	Fair
3216	06/06/21 23:30:00	9.72	22.64				9.097	10.23563112	118.8940934		9.392	0.52	5.30	Fair
3217	06/07/21 00:00:00	9.69	22.64	8.87	10.20	9.53167		10.20561084	118.5453866	10.075		0.52	5.32	Fair
3218	06/07/21 00:30:00	9.67	22.62					10.18611456	118.2737763			0.52	5.34	Fair
3219	06/07/21 01:00:00	9.54	22.66					10.05072295	116.790805			0.51	5.35	Fair
3220	06/07/21 01:30:00	9.60	22.64					10.11549163	117.4985883			0.52	5.37	Fair
3221	06/07/21 02:00:00	9.50	22.64					10.01166229	116.2925371			0.51	5.39	Fair
3222	06/07/21 02:30:00	9.60	22.66					10.11860479	117.5796015			0.52	5.40	Fair
3223	06/07/21 03:00:00	9.56	22.68					10.07799403	117.152374			0.52	5.42	Fair
3224	06/07/21 03:30:00	9.36	22.68					9.868675006	114.7191298			0.51	5.43	Fair
3225	06/07/21 04:00:00	9.16	22.68					9.65929112	112.2851316			0.50	5.45	Good
3226	06/07/21 04:30:00	9.39	22.68					9.903350437	115.1222168			0.51	5.47	Fair
3227	06/07/21 05:00:00	9.21	22.68					9.715003199	112.9327607			0.51	5.48	Fair
3228	06/07/21 05:30:00	9.21	22.68					9.716496544	112.9501202			0.51	5.50	Fair
3229	06/07/21 06:00:00	9.08	22.70					9.580819565	111.415408			0.50	5.52	Good
3230	06/07/21 06:30:00	9.33	22.72					9.846121453	114.5442596			0.52	5.53	Fair
3231	06/07/21 07:00:00	9.28	22.70					9.794860224	113.9044881			0.51	5.55	Fair
3232	06/07/21 07:30:00	9.34	22.72					9.859703486	114.7022654			0.52	5.56	Fair
3233	06/07/21 08:00:00	9.21	22.74					9.723963271	113.166256			0.51	5.58	Fair
3234	06/07/21 08:30:00	9.14	22.80					9.651538922	112.4517968			0.51	5.60	Fair
3235	06/07/21 09:00:00	9.63	22.90					10.17052423	118.7241778			0.54	5.61	Fair
3236	06/07/21 09:30:00	9.49	22.96					10.02420488	117.1495901			0.53	5.63	Fair
3237	06/07/21 10:00:00	9.64	23.02					10.18421165	119.1551503			0.54	5.65	Fair
3238	06/07/21 10:30:00	9.84	23.14					10.39709785	121.9229141			0.56	5.66	Fair
3239	06/07/21 11:00:00	9.75	23.18					10.30358334	120.917836			0.55	5.68	Fair

3240	06/07/21 11:30:00	9.79	23.26					10.34744184	121.616426			0.56	5.69	Fair
3241	06/07/21 12:00:00	9.67	23.34					10.22217698	120.3258736			0.55	5.71	Fair
3242	06/07/21 12:30:00	9.44	23.24					9.980574147	117.2601782			0.54	5.73	Fair
3243	06/07/21 13:00:00	9.56	23.18					10.10899595	118.6342531			0.55	5.74	Fair
3244	06/07/21 13:30:00	9.47	23.16					10.01536308	117.4909358			0.55	5.76	Fair
3245	06/07/21 14:00:00	9.52	23.22					10.06978611	118.2635752			0.55	5.78	Fair
3246	06/07/21 14:30:00	9.48	23.26					10.02901321	117.8738438			0.55	5.79	Fair
3247	06/07/21 15:00:00	9.53	23.44					10.08345408	118.9171089			0.55	5.81	Fair
3248	06/07/21 15:30:00	9.79	23.62					10.36014095	122.5949386			0.57	5.82	Fair
3249	06/07/21 16:00:00	9.98	23.80					10.56282419	125.416564			0.58	5.84	Fair
3250	06/07/21 16:30:00	9.87	23.90					10.44800064	124.285913			0.58	5.86	Fair
3251	06/07/21 17:00:00	10.19	24.02					10.78839252	128.6235623			0.60	5.87	Fair
3252	06/07/21 17:30:00	10.20	24.22					10.80063362	129.2511404			0.60	5.89	Fair
3253	06/07/21 18:00:00	10.09	24.26					10.68579223	127.9721843			0.60	5.90	Fair
3254	06/07/21 18:30:00	10.11	24.30					10.70861247	128.3410475			0.60	5.92	Fair
3255	06/07/21 19:00:00	10.16	24.30					10.76322034	128.9955144			0.60	5.94	Fair
3256	06/07/21 19:30:00	10.03	24.32					10.62712828	127.4118996			0.60	5.95	Fair
3257	06/07/21 20:00:00	9.89	24.30					10.48039709	125.6059219			0.59	5.97	Fair
3258	06/07/21 20:30:00	9.51	24.26					10.07925446	120.7083369			0.57	5.99	Fair
3259	06/07/21 21:00:00	9.19	24.12					9.741589835	116.360318			0.55	6.00	Fair
3260	06/07/21 21:30:00	9.00	24.08					9.541645205	113.886949			0.54	6.02	Fair
3261	06/07/21 22:00:00	9.10	24.14					9.649138995	115.2990513			0.55	6.03	Fair
3262	06/07/21 22:30:00	8.87	24.18					9.406697874	112.4859938			0.54	6.05	Fair
3263	06/07/21 23:00:00	8.94	24.24					9.482382937	113.5179439			0.54	6.07	Fair
3264	06/07/21 23:30:00	8.92	24.28				9.426	9.462615876	113.3657463		9.761	0.54	6.08	Fair
3265	06/08/21 00:00:00	8.85	24.28	7.90	9.10	8.61771		9.389792653	112.4932963	8.772		0.54	6.10	Fair
3266	06/08/21 00:30:00	8.82	24.30					9.359392956	112.1708625			0.54	6.12	Fair
3267	06/08/21 01:00:00	8.69	24.32					9.22285175	110.5755977			0.53	6.13	Fair
3268	06/08/21 01:30:00	8.65	24.38					9.181801583	110.2063864			0.53	6.15	Fair
3269	06/08/21 02:00:00	8.51	24.36					9.034574234	108.3989309			0.52	6.16	Fair
3270	06/08/21 02:30:00	8.38	24.36					8.897919528	106.7593159			0.52	6.18	Fair
3271	06/08/21 03:00:00	8.39	24.36					8.909897957	106.9030359			0.52	6.20	Fair
3272	06/08/21 03:30:00	8.28	24.38					8.794424207	105.5568129			0.51	6.21	Fair
3273	06/08/21 04:00:00	8.37	24.36					8.891372918	106.6807681			0.52	6.23	Fair
3274	06/08/21 04:30:00	8.45	24.40					8.977726288	107.7970121			0.53	6.25	Fair
3275	06/08/21 05:00:00	8.27	24.40					8.787825711	105.5168451			0.52	6.26	Fair
3276	06/08/21 05:30:00	8.23	24.42					8.746655557	105.0615598			0.52	6.28	Fair
3277	06/08/21 06:00:00	7.90	24.42					8.39722005	100.864271			0.50	6.29	Fair
3278	06/08/21 06:30:00	8.35	24.46					8.876896613	106.7052425			0.53	6.31	Fair
3279	06/08/21 07:00:00	8.23	24.48					8.75065889	105.2268739			0.52	6.33	Fair
3280	06/08/21 07:30:00	8.18	24.48					8.69882205	104.6035347			0.52	6.34	Fair
3281	06/08/21 08:00:00	8.32	24.48					8.849050683	106.4100375			0.53	6.36	Fair
3282	06/08/21 08:30:00	8.35	24.50					8.882312219	106.8496786			0.53	6.37	Fair
3283	06/08/21 09:00:00	8.35	24.52					8.88366612	106.9056452			0.53	6.39	Fair
3284	06/08/21 09:30:00	8.42	24.54					8.95950522	107.8583114			0.54	6.41	Fair
3285	06/08/21 10:00:00	8.29	24.56					8.82251974	106.2486356			0.53	6.42	Fair
3286	06/08/21 10:30:00	8.23	24.58					8.76	105.5348546			0.53	6.44	Fair
3287	06/08/21 11:00:00	8.91	24.84					8.730403135	106.7523509			-0.18	-2.02	Excellent
3288	06/08/21 11:30:00	8.93	24.70					8.75	106.7150412			-0.18	-2.02	Excellent
3289	06/08/21 12:00:00	8.99	24.74					8.810397173	107.5312981			-0.18	-2.00	Excellent
3290	06/08/21 12:30:00	8.99	24.80					8.812003752	107.6704333			-0.18	-1.98	Excellent
3291	06/08/21 13:00:00	8.96	24.82					8.78419895	107.3704207			-0.18	-1.96	Excellent
3292	06/08/21 13:30:00	8.99	24.88					8.81521691	107.8691692			-0.17	-1.94	Excellent
3293	06/08/21 14:00:00	9.01	24.88					8.836438224	108.128848			-0.17	-1.93	Excellent
3294	06/08/21 14:30:00	9.00	24.94					8.828239222	108.1483391			-0.17	-1.91	Excellent
3295	06/08/21 15:00:00	9.06	25.04					8.888713239	109.0903002			-0.17	-1.89	Excellent
3296	06/08/21 15:30:00	9.10	25.12					8.929583243	109.7536076			-0.17	-1.87	Excellent
3297	06/08/21 16:00:00	9.03	25.14					8.862507869	108.969317			-0.17	-1.85	Excellent
3298	06/08/21 16:30:00	8.97	25.20					8.805223778	108.3846217			-0.16	-1.84	Excellent
3299	06/08/21 17:00:00	9.04	25.24					8.875553413	109.3307352			-0.16	-1.82	Excellent
3300	06/08/21 17:30:00	8.97	25.32					8.808429788	108.6635539			-0.16	-1.80	Excellent
3301	06/08/21 18:00:00	8.93	25.36					8.770746136	108.2781861			-0.16	-1.78	Excellent
3302	06/08/21 18:30:00	8.84	25.38					8.683930931	107.245786			-0.16	-1.77	Excellent
3303	06/08/21 19:00:00	8.72	25.42					8.567607844	105.8868948			-0.15	-1.75	Excellent
3304	06/08/21 19:30:00	8.70	25.48					8.549512121	105.7795629			-0.15	-1.73	Excellent
3305	06/08/21 20:00:00	8.65	25.54					8.501922812	105.3064564			-0.15	-1.71	Excellent
3306	06/08/21 20:30:00	8.56	25.58					8.414993235	104.306089			-0.15	-1.69	Excellent
3307	06/08/21 21:00:00	8.55	25.64					8.406690583	104.3176267			-0.14	-1.68	Excellent
3308	06/08/21 21:30:00	8.43	25.66					8.290208446	102.9098422			-0.14	-1.66	Excellent
3309	06/08/21 22:00:00	8.48	25.70					8.340894753	103.6147601			-0.14	-1.64	Excellent
3310	06/08/21 22:30:00	8.48	25.74					8.342410191	103.7093404			-0.14	-1.62	Excellent
3311	06/08/21 23:00:00	8.43	25.78					8.294727955	103.1919101			-0.14	-1.60	Excellent
3312	06/08/21 23:30:00	8.42	25.78				9.429	8.286393136	103.0882194		9.756	-0.13	-1.59	Excellent
3313	06/09/21 00:00:00	8.29	25.80	7.20	8.33	7.72500		8.159937433	101.5520873	7.636		-0.13	-1.57	Excellent
3314	06/09/21 00:30:00	8.33	25.82					8.200798502	102.0978611			-0.13	-1.55	Excellent
3315	06/09/21 01:00:00	8.24	25.82					8.113666985	101.0130958			-0.13	-1.53	Excellent
3316	06/09/21 01:30:00	8.12	25.84					7.99695789	99.59642408			-0.12	-1.52	Excellent
3317	06/09/21 02:00:00	8.22	25.84					8.096911567	100.8412761			-0.12	-1.50	Excellent
3318	06/09/21 02:30:00	8.05	25.86					7.930895786	98.80969758			-0.12	-1.48	Excellent
3319	06/09/21 03:00:00	8.19	25.86					8.070288022	100.546362			-0.12	-1.46	Excellent
3320	06/09/21 03:30:00	8.10	25.86					7.983051067	99.45949146			-0.12	-1.44	Excellent
3321	06/09/21 04:00:00	8.05	25.86					7.935211568	98.86346719			-0.11	-1.43	Excellent
3322	06/09/21 04:30:00	8.07	25.88					7.956368548	99.16320746			-0.11	-1.41	Excellent
3323	06/09/21 05:00:00	8.00	25.90					7.888783858	98.35671929			-0.11	-1.39	Excellent
3324	06/09/21 05:30:00	7.93	25.92					7.821174148	97.5493081			-0.11	-1.37	Excellent
3325	06/09/21 06:00:00	7.86	25.96					7.75353942	96.77621371			-0.11	-1.35	Excellent
3326	06/09/21 06:30:00	7.84	25.98					7.735211377	96.58261139			-0.10	-1.34	Excellent
3327	06/09/21 07:00:00	7.75	26.04					7.64779929	95.59548277			-0.10	-1.32	Excellent
3328	06/09/21 07:30:00	7.74	26.06					7.639314357	95.52416018			-0.10	-1.30	Excellent
3329	06/09/21 08:00:00	7.70	26.12					7.601210742	95.15141138			-0.10	-1.28	Excellent
3330	06/09/21 08:30:00	7.74	26.18					7.642080746	95.76731498			-0.10	-1.27	Excellent
3331	06/09/21 09:00:00	7.76	26.24					7.663214494	96.1367671			-0.10	-1.25	Excellent
3332	06/09/21 09:30:00	7.77	26.28					7.674478326	96.34793493			-0.10	-1.23	Excellent
3333	06/09/21 10:00:00	7.74	26.32					7.646230331	96.06291642			-0.09	-1.21	Excellent
3334	06/09/21 10:30:00	7.71	26.36					7.617971613	95.7772615			-0.09	-1.19	Excellent
3335	06/09/21 11:00:00	7.90	26.38					7.807115516	98.19083294			-0.09	-1.18	Excellent
3336	06/09/21 11:30:00	7.86	26.48					7.768990457	97.88827112			-0.09	-1.16	Excellent
3337	06/09/21 12:00:00	7.96	26.54					7.869255085	99.25916682			-0.09	-1.14	Excellent
3338	06/09/21 12:30:00	7.92	26.60					7.831126452	98.8853128			-0.09	-1.12	Excellent
3339	06/09/21 13:00:00	7.95	26.60					7.862210533	99.27781816			-0.09	-1.10	Excellent
3340	06/09/21 13:30:00	7.80	26.60					7.715260855	97.42225307			-0.08	-1.09	Excellent
3341	06/09/21 14:00:00	7.69	26.56					7.607830154	95.99634622			-0.08	-1.07	Excellent
3342	06/09/21 14:30:00	7.57	26.54					7.490465203	94.48128534			-0.08	-1.05	Excellent
3343	06/09/21 15:00:00	7.58	26.60					7.501714739	94.72576047			-0.08	-1.03	Excellent
3344	06/09/21 15:30:00	7.49	26.66					7.413982765	93.71935739			-0.08	-1.01	Excellent
3345	06/09/21 16:00:00	7.53	26.70					7.454922465	94.30486582			-0.08	-1.00	Excellent
3346	06/09/21 16:30:00	7.63	26.76					7.555288956	95.67789172			-0.07	-0.98	Excellent
3347	06/09/21 17:00:00	7.71	26.82					7.63588345	96.80303679			-0.07	-0.96	Excellent
3348	06/09/21 17:30:00	7.49	26.80					7.419336837	94.02393653			-0.07	-0.94	Excellent
3349	06/09/21 18:00:00	7.37	26.76					7.301786031	92.46760743			-0.07	-0.93	Excellent
3350	06/09/21 18:30:00	7.44	26.78					7.372467719	93.39633415			-0.07	-0.91	Excellent
3351	06/09/21 19:00:00	7.31	26.78					7.24495407	91.78095815			-0.07	-0.89	Excellent
3352	06/09/21 19:30:00	7.32	26.80					7.256173225	91.95619308			-0.06	-0.87	Excellent
3353	06/09/21 20:00:00	7.24	26.80					7.178164627	90.96760399			-0.06	-0.85	Excellent
3354	06/09/21 20:30:00	7.20	26.84					7.139792952	90.54648928			-0.06	-0.84	Excellent
3355	06/09/21 21:00:00	7.26	26.84					7.200588642	91.31749711			-0.06	-0.82	Excellent

3356	06/09/21 21:30:00	7.26	26.88					7.201886057	91.39969267			-0.06	-0.80	Excellent
3357	06/09/21 22:00:00	7.21	26.90					7.153574771	90.81922543			-0.06	-0.78	Excellent
3358	06/09/21 22:30:00	7.26	26.92					7.204480888	91.49840178			-0.06	-0.76	Excellent
3359	06/09/21 23:00:00	7.34	26.96					7.285180819	92.58983496			-0.05	-0.75	Excellent
3360	06/09/21 23:30:00	7.31	26.96				9.062	7.256711226	92.22800524		9.350	-0.05	-0.73	Excellent
3361	06/10/21 00:00:00	7.17	26.92	6.44	8.07	6.87583		7.119013136	90.41294361	6.856		-0.05	-0.71	Excellent
3362	06/10/21 00:30:00	7.10	26.90					7.050779738	89.51417647			-0.05	-0.69	Excellent
3363	06/10/21 01:00:00	6.96	26.88					6.912994081	87.73334228			-0.05	-0.68	Excellent
3364	06/10/21 01:30:00	7.04	26.86					6.993711883	88.72581588			-0.05	-0.66	Excellent
3365	06/10/21 02:00:00	6.87	26.84					6.826057355	86.56771048			-0.04	-0.64	Excellent
3366	06/10/21 02:30:00	6.93	26.82					6.886912019	87.30803736			-0.04	-0.62	Excellent
3367	06/10/21 03:00:00	6.92	26.82					6.87821085	87.19772929			-0.04	-0.60	Excellent
3368	06/10/21 03:30:00	6.89	26.80					6.84962331	86.8040583			-0.04	-0.59	Excellent
3369	06/10/21 04:00:00	6.82	26.80					6.781252307	85.93760474			-0.04	-0.57	Excellent
3370	06/10/21 04:30:00	6.65	26.78					6.613406563	83.78035045			-0.04	-0.55	Excellent
3371	06/10/21 05:00:00	6.72	26.76					6.684222282	84.6469671			-0.04	-0.53	Excellent
3372	06/10/21 05:30:00	6.66	26.76					6.625731917	83.90626283			-0.03	-0.51	Excellent
3373	06/10/21 06:00:00	6.62	26.76					6.587120774	83.41730301			-0.03	-0.50	Excellent
3374	06/10/21 06:30:00	6.55	26.76					6.518638973	82.55007021			-0.03	-0.48	Excellent
3375	06/10/21 07:00:00	6.53	26.76					6.49990169	82.31278694			-0.03	-0.46	Excellent
3376	06/10/21 07:30:00	6.52	26.76					6.491112955	82.20148905			-0.03	-0.44	Excellent
3377	06/10/21 08:00:00	6.55	26.78					6.522150572	82.62429588			-0.03	-0.43	Excellent
3378	06/10/21 08:30:00	6.49	26.78					6.463565492	81.88212488			-0.03	-0.41	Excellent
3379	06/10/21 09:00:00	6.51	26.80					6.484647414	82.17878367			-0.03	-0.39	Excellent
3380	06/10/21 09:30:00	6.48	26.80					6.45592227	81.81475502			-0.02	-0.37	Excellent
3381	06/10/21 10:00:00	6.45	26.84					6.427186404	81.50924946			-0.02	-0.35	Excellent
3382	06/10/21 10:30:00	6.65	26.88					6.627667409	84.11223942			-0.02	-0.34	Excellent
3383	06/10/21 11:00:00	6.65	26.92					6.628855813	84.18784393			-0.02	-0.32	Excellent
3384	06/10/21 11:30:00	6.44	26.94					6.420674399	81.57321178			-0.02	-0.30	Excellent
3385	06/10/21 12:00:00	6.69	27.00					6.671119734	84.84645561			-0.02	-0.28	Excellent
3386	06/10/21 12:30:00	6.67	27.02					6.652368155	84.63834853			-0.02	-0.26	Excellent
3387	06/10/21 13:00:00	6.68	27.04					6.663535486	84.81086919			-0.02	-0.25	Excellent
3388	06/10/21 13:30:00	6.74	27.06					6.724592089	85.61869379			-0.02	-0.23	Excellent
3389	06/10/21 14:00:00	6.65	27.04					6.635986236	84.46023313			-0.01	-0.21	Excellent
3390	06/10/21 14:30:00	6.87	27.16					6.856750342	87.45801998			-0.01	-0.19	Excellent
3391	06/10/21 15:00:00	7.31	27.36					7.297208098	93.40976466			-0.01	-0.17	Excellent
3392	06/10/21 15:30:00	7.81	27.54					7.797728843	100.1380275			-0.01	-0.16	Excellent
3393	06/10/21 16:00:00	8.07	27.60					8.058762496	103.6009305			-0.01	-0.14	Excellent
3394	06/10/21 16:30:00	7.76	27.52					7.750580941	99.49706753			-0.01	-0.12	Excellent
3395	06/10/21 17:00:00	7.76	27.48					7.75196771	99.44388944			-0.01	-0.10	Excellent
3396	06/10/21 17:30:00	7.48	27.48					7.473594266	95.87285573			-0.01	-0.09	Excellent
3397	06/10/21 18:00:00	7.51	27.42					7.504910667	96.17153666			-0.01	-0.07	Excellent
3398	06/10/21 18:30:00	7.72	27.42					7.716147976	98.87843319			0.00	-0.05	Excellent
3399	06/10/21 19:00:00	7.09	27.30					7.08772936	90.63101138			0.00	-0.03	Excellent
3400	06/10/21 19:30:00	6.57	27.14					6.569070003	83.7586262			0.00	-0.01	Excellent
3401	06/10/21 20:00:00	6.77	27.10					6.770251541	86.26190419			0.00	0.00	Excellent
3402	06/10/21 20:30:00	6.74	27.10					6.741454914	85.89499731			0.00	0.02	Excellent
3403	06/10/21 21:00:00	6.65	27.12					6.65262389	84.7935733			0.00	0.04	Excellent
3404	06/10/21 21:30:00	6.74	27.14					6.743863889	85.98732764			0.00	0.06	Excellent
3405	06/10/21 22:00:00	6.73	27.16					6.735060856	85.90586758			0.01	0.08	Excellent
3406	06/10/21 22:30:00	6.60	27.16					6.606142567	84.26151161			0.01	0.09	Excellent
3407	06/10/21 23:00:00	6.61	27.14					6.617333129	84.37400299			0.01	0.11	Excellent
3408	06/10/21 23:30:00	6.65	27.12				8.614	6.658565909	84.86930959		8.862	0.01	0.13	Excellent
3409	06/11/21 00:00:00	6.55	27.10	4.77	6.69	5.84146		6.559607632	83.57802389	5.873		0.01	0.15	Excellent
3410	06/11/21 00:30:00	6.69	27.10					6.701008538	85.37965731			0.01	0.16	Excellent
3411	06/11/21 01:00:00	6.46	27.10					6.471784517	82.45904197			0.01	0.18	Excellent
3412	06/11/21 01:30:00	6.64	27.12					6.653299495	84.80218449			0.01	0.20	Excellent
3413	06/11/21 02:00:00	6.53	27.08					6.544246131	83.35239628			0.01	0.22	Excellent
3414	06/11/21 02:30:00	6.40	27.08					6.415106245	81.70757443			0.02	0.24	Excellent
3415	06/11/21 03:00:00	6.44	27.08					6.456351534	82.23290518			0.02	0.25	Excellent
3416	06/11/21 03:30:00	6.41	27.06					6.427420876	81.83505745			0.02	0.27	Excellent
3417	06/11/21 04:00:00	6.43	27.06					6.44862432	82.10502344			0.02	0.29	Excellent
3418	06/11/21 04:30:00	6.45	27.08					6.469834912	82.40463953			0.02	0.31	Excellent
3419	06/11/21 05:00:00	6.32	27.06					6.340564569	80.72918761			0.02	0.33	Excellent
3420	06/11/21 05:30:00	6.31	27.06					6.331659673	80.6158089			0.02	0.34	Excellent
3421	06/11/21 06:00:00	6.27	27.06					6.292642864	80.11904001			0.02	0.36	Excellent
3422	06/11/21 06:30:00	6.18	27.04					6.203422259	78.95472828			0.02	0.38	Excellent
3423	06/11/21 07:00:00	6.13	27.02					6.154328234	78.30176651			0.02	0.40	Excellent
3424	06/11/21 07:30:00	6.05	27.00					6.075091916	77.26589196			0.03	0.41	Excellent
3425	06/11/21 08:00:00	6.05	27.00					6.076173096	77.27964291			0.03	0.43	Excellent
3426	06/11/21 08:30:00	5.99	26.96					6.016983985	76.47189109			0.03	0.45	Excellent
3427	06/11/21 09:00:00	6.03	26.94					6.058241784	76.96858761			0.03	0.47	Excellent
3428	06/11/21 09:30:00	5.85	26.90					5.878444183	74.63062379			0.03	0.49	Excellent
3429	06/11/21 10:00:00	5.80	26.86					5.829237573	73.95269755			0.03	0.50	Excellent
3430	06/11/21 10:30:00	5.88	26.84					5.910691649	74.95908938			0.03	0.52	Excellent
3431	06/11/21 11:00:00	5.83	26.82					5.86147253	74.30814583			0.03	0.54	Excellent
3432	06/11/21 11:30:00	5.81	26.80					5.842402852	74.03973252			0.03	0.56	Excellent
3433	06/11/21 12:00:00	5.71	26.78					5.742865563	72.75211116			0.03	0.58	Excellent
3434	06/11/21 12:30:00	5.64	26.74					5.673470567	71.82123193			0.03	0.59	Excellent
3435	06/11/21 13:00:00	5.75	26.72					5.785150929	73.20862026			0.04	0.61	Excellent
3436	06/11/21 13:30:00	5.55	26.70					5.584920114	70.64931183			0.03	0.63	Excellent
3437	06/11/21 14:00:00	5.65	26.70					5.686559001	71.93504508			0.04	0.65	Excellent
3438	06/11/21 14:30:00	5.71	26.68					5.747967657	72.68565141			0.04	0.66	Excellent
3439	06/11/21 15:00:00	5.68	26.68					5.718783235	72.31660119			0.04	0.68	Excellent
3440	06/11/21 15:30:00	5.64	26.66					5.679518023	71.79417545			0.04	0.70	Excellent
3441	06/11/21 16:00:00	5.61	26.64					5.650310369	71.39920086			0.04	0.72	Excellent
3442	06/11/21 16:30:00	5.51	26.62					5.550576502	70.11362389			0.04	0.74	Excellent
3443	06/11/21 17:00:00	5.49	26.56					5.531410322	69.79587736			0.04	0.75	Excellent
3444	06/11/21 17:30:00	5.51	26.50					5.552545857	69.98665607			0.04	0.77	Excellent
3445	06/11/21 18:00:00	5.48	26.44					5.523293526	69.54245662			0.04	0.79	Excellent
3446	06/11/21 18:30:00	5.49	26.38					5.534353632	69.60609098			0.04	0.81	Excellent
3447	06/11/21 19:00:00	5.51	26.30					5.555499889	69.77086921			0.05	0.83	Excellent
3448	06/11/21 19:30:00	5.52	26.22					5.566568931	69.80853945			0.05	0.84	Excellent
3449	06/11/21 20:00:00	5.36	26.16					5.406176978	67.72332121			0.05	0.86	Excellent
3450	06/11/21 20:30:00	5.33	26.08					5.376871035	67.25837667			0.05	0.88	Excellent
3451	06/11/21 21:00:00	5.28	26.04					5.327374919	66.59078749			0.05	0.90	Excellent
3452	06/11/21 21:30:00	5.32	25.98					5.368684543	67.03392417			0.05	0.92	Excellent
3453	06/11/21 22:00:00	5.05	25.96					5.097116183	63.61992612			0.05	0.93	Excellent
3454	06/11/21 22:30:00	5.21	25.92					5.259540038	65.59942049			0.05	0.95	Excellent
3455	06/11/21 23:00:00	5.12	25.90					5.169599242	64.45414536			0.05	0.97	Excellent
3456	06/11/21 23:30:00	4.77	26.00				8.164	4.817061103	60.16819731		8.373	0.05	0.99	Excellent
3457	06/12/21 00:00:00	4.54	26.02	4.54	5.90	5.26104		4.58560324	57.29798693	5.336		0.05	1.00	Excellent
3458	06/12/21 00:30:00	5.08	25.98					5.131935248	64.07784914			0.05	1.02	Excellent
3459	06/12/21 01:00:00	4.91	25.92					4.96107471	61.87682262			0.05	1.04	Excellent
3460	06/12/21 01:30:00	5.02	25.84					5.073116061	63.18205317			0.05	1.06	Excellent
3461	06/12/21 02:00:00	5.24	25.84					5.296380283	65.9626503			0.06	1.08	Excellent
3462	06/12/21 02:30:00	5.30	25.80					5.357973008	66.68106796			0.06	1.09	Excellent
3463	06/12/21 03:00:00	5.31	25.78					5.369031327	66.79430611			0.06	1.11	Excellent
3464	06/12/21 03:30:00	5.08	25.76					5.137382248	63.88910742			0.06	1.13	Excellent
3465	06/12/21 04:00:00	4.96	25.74					5.01691315	62.36815758			0.06	1.15	Excellent
3466	06/12/21 04:30:00	4.96	25.72					5.017799538	62.35639325			0.06	1.17	Excellent
3467	06/12/21 05:00:00	5.10	25.66					5.160342384	64.05749917			0.06	1.18	Excellent
3468	06/12/21 05:30:00	5.24	25.62					5.302935269	65.77942759			0.06	1.20	Excellent
3469	06/12/21 06:00:00	5.27	25.58					5.334237373	66.11929715			0.06	1.22	Excellent
3470	06/12/21 06:30:00	5.22	25.54					5.284560762	65.45558923			0.06	1.24	Excellent
3471	06/12/21 07:00:00	5.27	25.52					5.336120948	66.07001642			0.07	1.25	Excellent

3472	06/12/21 07:30:00	5.23	25.48					5.296553721	65.53205956			0.07	1.27	Excellent
3473	06/12/21 08:00:00	5.30	25.46					5.368391646	66.39653326			0.07	1.29	Excellent
3474	06/12/21 08:30:00	5.05	25.44					5.116068097	63.25258243			0.07	1.31	Excellent
3475	06/12/21 09:00:00	5.23	25.42					5.299357639	65.49465559			0.07	1.33	Excellent
3476	06/12/21 09:30:00	5.25	25.42					5.320561083	65.75670853			0.07	1.34	Excellent
3477	06/12/21 10:00:00	5.16	25.40					5.230273594	64.61713286			0.07	1.36	Excellent
3478	06/12/21 10:30:00	5.12	25.40					5.190643819	64.12752894			0.07	1.38	Excellent
3479	06/12/21 11:00:00	5.24	25.42					5.31323596	65.66617749			0.07	1.40	Excellent
3480	06/12/21 11:30:00	5.29	25.46					5.364880138	66.35310276			0.07	1.42	Excellent
3481	06/12/21 12:00:00	5.48	25.56					5.558548911	68.87447782			0.08	1.43	Excellent
3482	06/12/21 12:30:00	5.47	25.70					5.549383103	68.93720827			0.08	1.45	Excellent
3483	06/12/21 13:00:00	5.59	25.74					5.672123571	70.5134584			0.08	1.47	Excellent
3484	06/12/21 13:30:00	5.56	25.60					5.642676449	69.96808665			0.08	1.49	Excellent
3485	06/12/21 14:00:00	5.58	25.60					5.663971034	70.23213534			0.08	1.50	Excellent
3486	06/12/21 14:30:00	5.46	25.54					5.543140947	68.65841329			0.08	1.52	Excellent
3487	06/12/21 15:00:00	5.29	25.38					5.371497671	66.33752554			0.08	1.54	Excellent
3488	06/12/21 15:30:00	5.43	25.44					5.51462489	68.18014515			0.08	1.56	Excellent
3489	06/12/21 16:00:00	5.39	25.70					5.474964735	68.01274614			0.08	1.58	Excellent
3490	06/12/21 16:30:00	5.90	25.82					5.994058443	74.62450715			0.09	1.59	Excellent
3491	06/12/21 17:00:00	5.52	25.40					5.608986907	69.29592604			0.09	1.61	Excellent
3492	06/12/21 17:30:00	5.52	25.32					5.609973371	69.20639188			0.09	1.63	Excellent
3493	06/12/21 18:00:00	5.33	25.18					5.417828972	66.66420636			0.09	1.65	Excellent
3494	06/12/21 18:30:00	5.27	25.08					5.357782066	65.80404064			0.09	1.67	Excellent
3495	06/12/21 19:00:00	5.31	25.06					5.399397279	66.29071228			0.09	1.68	Excellent
3496	06/12/21 19:30:00	5.24	25.04					5.32915521	65.40419588			0.09	1.70	Excellent
3497	06/12/21 20:00:00	5.23	25.06					5.319919706	65.31493209			0.09	1.72	Excellent
3498	06/12/21 20:30:00	5.27	25.08					5.361549216	65.85030862			0.09	1.74	Excellent
3499	06/12/21 21:00:00	5.38	25.10					5.474421556	67.26138805			0.09	1.76	Excellent
3500	06/12/21 21:30:00	5.41	25.10					5.505914877	67.64833021			0.10	1.77	Excellent
3501	06/12/21 22:00:00	5.30	25.10					5.394911816	66.28449297			0.09	1.79	Excellent
3502	06/12/21 22:30:00	5.17	25.10					5.263507708	64.66999861			0.09	1.81	Excellent
3503	06/12/21 23:00:00	4.98	25.12					5.070961217	62.32724106			0.09	1.83	Excellent
3504	06/12/21 23:30:00	5.08	25.14				7.631	5.17369558	63.61337919		7.798	0.09	1.84	Excellent
3505	06/13/21 00:00:00	5.23	25.14	4.64	5.67	5.25750		5.327396822	65.50321889	5.378		0.10	1.86	Excellent
3506	06/13/21 00:30:00	5.20	25.16					5.297767418	65.16290226			0.10	1.88	Excellent
3507	06/13/21 01:00:00	4.89	25.14					4.982812855	61.26637306			0.09	1.90	Excellent
3508	06/13/21 01:30:00	4.64	25.14					4.728897024	58.14434089			0.09	1.92	Excellent
3509	06/13/21 02:00:00	4.76	25.12					4.852046731	59.63656068			0.09	1.93	Excellent
3510	06/13/21 02:30:00	5.13	25.12					5.230118393	64.2834437			0.10	1.95	Excellent
3511	06/13/21 03:00:00	4.74	25.12					4.833354126	59.40680965			0.09	1.97	Excellent
3512	06/13/21 03:30:00	4.92	25.12					5.01777846	61.6735712			0.10	1.99	Excellent
3513	06/13/21 04:00:00	5.11	25.12					5.212467652	64.06649824			0.10	2.01	Excellent
3514	06/13/21 04:30:00	5.07	25.10					5.172571603	63.55271369			0.10	2.02	Excellent
3515	06/13/21 05:00:00	4.96	25.10					5.061232572	62.18474857			0.10	2.04	Excellent
3516	06/13/21 05:30:00	5.07	25.10					5.174383695	63.57497794			0.10	2.06	Excellent
3517	06/13/21 06:00:00	5.22	25.08					5.328404823	65.44323065			0.11	2.08	Excellent
3518	06/13/21 06:30:00	5.16	25.10					5.26808092	64.72618731			0.11	2.09	Excellent
3519	06/13/21 07:00:00	5.20	25.14					5.309848035	65.28744709			0.11	2.11	Excellent
3520	06/13/21 07:30:00	5.25	25.14					5.36184248	65.92674684			0.11	2.13	Excellent
3521	06/13/21 08:00:00	5.10	25.16					5.209558388	64.07792514			0.11	2.15	Excellent
3522	06/13/21 08:30:00	5.14	25.18					5.251336225	64.61558008			0.11	2.17	Excellent
3523	06/13/21 09:00:00	5.26	25.24					5.374875515	66.20872687			0.11	2.18	Excellent
3524	06/13/21 09:30:00	5.14	25.28					5.253173336	64.75718142			0.11	2.20	Excellent
3525	06/13/21 10:00:00	5.10	25.30					5.213204017	64.28809409			0.11	2.22	Excellent
3526	06/13/21 10:30:00	5.25	25.36					5.367471761	66.26347376			0.12	2.24	Excellent
3527	06/13/21 11:00:00	5.35	25.40					5.470665403	67.58704049			0.12	2.26	Excellent
3528	06/13/21 11:30:00	5.31	25.44					5.430712167	67.14268898			0.12	2.27	Excellent
3529	06/13/21 12:00:00	4.98	25.50					5.094100244	63.05029196			0.11	2.29	Excellent
3530	06/13/21 12:30:00	5.27	25.48					5.391686423	66.70909698			0.12	2.31	Excellent
3531	06/13/21 13:00:00	5.26	25.44					5.38239552	66.5453254			0.12	2.33	Excellent
3532	06/13/21 13:30:00	5.19	25.40					5.311694173	65.62303901			0.12	2.34	Excellent
3533	06/13/21 14:00:00	5.17	25.38					5.292149134	65.35757806			0.12	2.36	Excellent
3534	06/13/21 14:30:00	5.17	25.32					5.293073051	65.29701009			0.12	2.38	Excellent
3535	06/13/21 15:00:00	5.18	25.28					5.304236807	65.3866536			0.12	2.40	Excellent
3536	06/13/21 15:30:00	5.27	25.28					5.39733715	66.5343248			0.13	2.42	Excellent
3537	06/13/21 16:00:00	5.36	25.26					5.490469659	67.6575138			0.13	2.43	Excellent
3538	06/13/21 16:30:00	5.48	25.26					5.614369938	69.1843021			0.13	2.45	Excellent
3539	06/13/21 17:00:00	5.55	25.28					5.687078168	70.10603479			0.14	2.47	Excellent
3540	06/13/21 17:30:00	5.54	25.24					5.677821219	69.940469			0.14	2.49	Excellent
3541	06/13/21 18:00:00	5.59	25.14					5.730064067	70.45422998			0.14	2.51	Excellent
3542	06/13/21 18:30:00	5.56	25.08					5.700305994	70.01090427			0.14	2.52	Excellent
3543	06/13/21 19:00:00	5.51	24.96					5.650028927	69.23996171			0.14	2.54	Excellent
3544	06/13/21 19:30:00	5.60	24.86					5.743316912	70.25327003			0.14	2.56	Excellent
3545	06/13/21 20:00:00	5.54	24.80					5.682771413	69.4355651			0.14	2.58	Excellent
3546	06/13/21 20:30:00	5.53	24.76					5.673501954	69.27099907			0.14	2.59	Excellent
3547	06/13/21 21:00:00	5.65	24.72					5.797625617	70.73407568			0.15	2.61	Excellent
3548	06/13/21 21:30:00	5.49	24.68					5.634426172	68.69202168			0.14	2.63	Excellent
3549	06/13/21 22:00:00	5.55	24.64					5.696996426	69.40335415			0.15	2.65	Excellent
3550	06/13/21 22:30:00	5.67	24.58					5.821187998	70.83740686			0.15	2.67	Excellent
3551	06/13/21 23:00:00	5.55	24.52					5.698980077	69.27304389			0.15	2.68	Excellent
3552	06/13/21 23:30:00	5.50	24.48				7.016	5.648620805	68.60989037		7.132	0.15	2.70	Excellent
3553	06/14/21 00:00:00	5.57	24.40	4.69	6.82	5.93750		5.721507742	69.39186872	6.125		0.15	2.72	Excellent
3554	06/14/21 00:30:00	5.52	24.34					5.671134173	68.70413424			0.15	2.74	Excellent
3555	06/14/21 01:00:00	5.54	24.32					5.6926718	68.93936638			0.15	2.76	Excellent
3556	06/14/21 01:30:00	5.54	24.28					5.693661838	68.89997376			0.15	2.77	Excellent
3557	06/14/21 02:00:00	5.55	24.26					5.704931032	69.01060555			0.15	2.79	Excellent
3558	06/14/21 02:30:00	5.45	24.22					5.603113437	67.72840073			0.15	2.81	Excellent
3559	06/14/21 03:00:00	5.50	24.22					5.655501038	68.36164303			0.16	2.83	Excellent
3560	06/14/21 03:30:00	5.38	24.18					5.533069733	66.83182625			0.15	2.85	Excellent
3561	06/14/21 04:00:00	5.28	24.16					5.431168146	65.57650299			0.15	2.86	Excellent
3562	06/14/21 04:30:00	4.69	24.14					4.825114388	58.23718724			0.14	2.88	Excellent
3563	06/14/21 05:00:00	5.50	24.14					5.659432599	68.30707201			0.16	2.90	Excellent
3564	06/14/21 05:30:00	5.43	24.10					5.588373838	67.39902803			0.16	2.92	Excellent
3565	06/14/21 06:00:00	5.67	24.10					5.836387057	70.39021123			0.17	2.93	Excellent
3566	06/14/21 06:30:00	5.56	24.08					5.724152703	69.01079426			0.16	2.95	Excellent
3567	06/14/21 07:00:00	5.52	24.08					5.683958212	68.52620662			0.16	2.97	Excellent
3568	06/14/21 07:30:00	5.55	24.08					5.715841115	68.91058917			0.17	2.99	Excellent
3569	06/14/21 08:00:00	5.73	24.06					5.902243739	71.13126634			0.17	3.01	Excellent
3570	06/14/21 08:30:00	5.63	24.08					5.800243863	69.92815473			0.17	3.02	Excellent
3571	06/14/21 09:00:00	5.73	24.10					5.904291726	71.20918089			0.17	3.04	Excellent
3572	06/14/21 09:30:00	5.60	24.10					5.771338224	69.60568459			0.17	3.06	Excellent
3573	06/14/21 10:00:00	5.73	24.10					5.906339712	71.23388079			0.18	3.08	Excellent
3574	06/14/21 10:30:00	5.82	24.08					6.000149522	72.33823165			0.18	3.10	Excellent
3575	06/14/21 11:00:00	5.81	24.08					5.990878277	72.22645685			0.18	3.11	Excellent
3576	06/14/21 11:30:00	5.84	24.16					6.022855894	72.72060392			0.18	3.13	Excellent
3577	06/14/21 12:00:00	6.08	24.24					6.271457061	75.83538557			0.19	3.15	Excellent
3578	06/14/21 12:30:00	5.85	24.12					6.03525988	72.81594318			0.19	3.17	Excellent
3579	06/14/21 13:00:00	5.99	24.14					6.180763907	74.59933091			0.19	3.18	Excellent
3580	06/14/21 13:30:00	6.17	24.26					6.367599002	77.02667405			0.20	3.20	Excellent
3581	06/14/21 14:00:00	5.96	24.20					6.151938686	74.33465279			0.19	3.22	Excellent
3582	06/14/21 14:30:00	5.90	24.18					6.091060791	73.57158613			0.19	3.24	Excellent
3583	06/14/21 15:00:00	5.97	24.16					6.164394497	74.42955609			0.19	3.26	Excellent
3584	06/14/21 15:30:00	6.02	24.20					6.21709841	75.12198596			0.20	3.27	Excellent
3585	06/14/21 16:00:00	6.40	24.32					6.610683565	80.05666799			0.21	3.29	Excellent
3586	06/14/21 16:30:00	6.67	24.44					6.890763755	83.63511373			0.22	3.31	Excellent
3587	06/14/21 17:00:00	6.82	24.52					7.046947242	85.65804388			0.23	3.33	Excellent

3588	06/14/21 17:30:00	6.78	24.48					7.006827809	85.10709151			0.23	3.35	Excellent
3589	06/14/21 18:00:00	6.58	24.22					6.801312617	82.21179736			0.22	3.36	Excellent
3590	06/14/21 18:30:00	6.54	24.14					6.761135998	81.60418829			0.22	3.38	Excellent
3591	06/14/21 19:00:00	6.54	24.08					6.762304744	81.5268295			0.22	3.40	Excellent
3592	06/14/21 19:30:00	6.52	24.08					6.742790085	81.29155937			0.22	3.42	Excellent
3593	06/14/21 20:00:00	6.50	23.98					6.723268277	80.90469269			0.22	3.43	Excellent
3594	06/14/21 20:30:00	6.33	23.94					6.548560171	78.74332454			0.22	3.45	Excellent
3595	06/14/21 21:00:00	6.28	23.94					6.497956069	78.13483426			0.22	3.47	Excellent
3596	06/14/21 21:30:00	6.22	23.96					6.436985246	77.43069104			0.22	3.49	Excellent
3597	06/14/21 22:00:00	6.24	24.00					6.458798081	77.75128616			0.22	3.51	Excellent
3598	06/14/21 22:30:00	6.28	24.04					6.501322915	78.32180295			0.22	3.52	Excellent
3599	06/14/21 23:00:00	6.57	24.04					6.802717348	81.95271864			0.23	3.54	Excellent
3600	06/14/21 23:30:00	6.65	24.08				6.502	6.886739449	83.0270232		6.568	0.24	3.56	Excellent
3601	06/15/21 00:00:00	6.57	24.12	5.99	7.67	6.89708		6.805065563	82.10371669	7.060		0.24	3.58	Excellent
3602	06/15/21 00:30:00	6.55	24.16					6.785520524	81.92909793			0.24	3.60	Excellent
3603	06/15/21 01:00:00	6.23	24.12					6.455127524	77.88168336			0.23	3.61	Excellent
3604	06/15/21 01:30:00	6.35	24.12					6.580598641	79.39550346			0.23	3.63	Excellent
3605	06/15/21 02:00:00	6.48	24.10					6.716477581	81.00461313			0.24	3.65	Excellent
3606	06/15/21 02:30:00	6.31	24.10					6.541401337	78.89309213			0.23	3.67	Excellent
3607	06/15/21 03:00:00	6.20	24.10					6.428475385	77.53113969			0.23	3.69	Excellent
3608	06/15/21 03:30:00	5.99	24.08					6.21180716	74.88999127			0.22	3.70	Excellent
3609	06/15/21 04:00:00	6.23	24.06					6.461807605	77.87488591			0.23	3.72	Excellent
3610	06/15/21 04:30:00	6.29	24.06					6.525164171	78.6384316			0.24	3.74	Excellent
3611	06/15/21 05:00:00	6.22	24.04					6.453658641	77.74758876			0.23	3.76	Excellent
3612	06/15/21 05:30:00	6.08	24.02					6.309485984	75.98229551			0.23	3.77	Excellent
3613	06/15/21 06:00:00	6.05	24.04					6.279434832	75.64870472			0.23	3.79	Excellent
3614	06/15/21 06:30:00	6.23	24.04					6.467374339	77.91282253			0.24	3.81	Excellent
3615	06/15/21 07:00:00	6.26	24.04					6.499636101	78.3014818			0.24	3.83	Excellent
3616	06/15/21 07:30:00	6.39	24.06					6.63575451	79.97121811			0.25	3.85	Excellent
3617	06/15/21 08:00:00	6.50	24.06					6.751146623	81.36187352			0.25	3.86	Excellent
3618	06/15/21 08:30:00	6.44	24.08					6.689979222	80.65486784			0.25	3.88	Excellent
3619	06/15/21 09:00:00	6.54	24.10					6.795029633	81.95199641			0.26	3.90	Excellent
3620	06/15/21 09:30:00	6.76	24.12					7.024816673	84.75503323			0.26	3.92	Excellent
3621	06/15/21 10:00:00	6.61	24.14					6.870121819	82.91960326			0.26	3.94	Excellent
3622	06/15/21 10:30:00	6.83	24.16					7.10	85.72615665			0.27	3.95	Excellent
3623	06/15/21 11:00:00	7.09	24.12					7.171028571	85.28934934			0.08	1.14	Excellent
3624	06/15/21 11:30:00	7.00	24.20					7.08	84.33240696			0.08	1.14	Excellent
3625	06/15/21 12:00:00	6.93	24.18					7.010340605	83.47154564			0.08	1.16	Excellent
3626	06/15/21 12:30:00	6.90	24.20					6.981128478	83.15471298			0.08	1.18	Excellent
3627	06/15/21 13:00:00	6.91	24.20					6.992383369	83.288774			0.08	1.19	Excellent
3628	06/15/21 13:30:00	7.05	24.20					7.135212853	84.99006696			0.09	1.21	Excellent
3629	06/15/21 14:00:00	7.07	24.18					7.15661824	85.21326133			0.09	1.23	Excellent
3630	06/15/21 14:30:00	7.21	24.22					7.299520143	86.97959966			0.09	1.24	Excellent
3631	06/15/21 15:00:00	7.22	24.22					7.31083264	87.11439709			0.09	1.26	Excellent
3632	06/15/21 15:30:00	7.31	24.26					7.403168052	88.28039553			0.09	1.27	Excellent
3633	06/15/21 16:00:00	7.39	24.30					7.485403992	89.32752241			0.10	1.29	Excellent
3634	06/15/21 16:30:00	7.37	24.32					7.466358819	89.13341011			0.10	1.31	Excellent
3635	06/15/21 17:00:00	7.38	24.32					7.477704235	89.26885171			0.10	1.32	Excellent
3636	06/15/21 17:30:00	7.38	24.32					7.478918905	89.28335245			0.10	1.34	Excellent
3637	06/15/21 18:00:00	7.43	24.32					7.530811988	89.9028522			0.10	1.36	Excellent
3638	06/15/21 18:30:00	7.43	24.34					7.532034888	89.9509101			0.10	1.37	Excellent
3639	06/15/21 19:00:00	7.48	24.34					7.583952659	90.57093521			0.10	1.39	Excellent
3640	06/15/21 19:30:00	7.58	24.34					7.686589989	91.79667585			0.11	1.41	Excellent
3641	06/15/21 20:00:00	7.67	24.34					7.779117971	92.90168616			0.11	1.42	Excellent
3642	06/15/21 20:30:00	7.56	24.34					7.668797342	91.58418815			0.11	1.44	Excellent
3643	06/15/21 21:00:00	7.55	24.32					7.659896081	91.44385843			0.11	1.46	Excellent
3644	06/15/21 21:30:00	7.65	24.30					7.762610768	92.63558628			0.11	1.47	Excellent
3645	06/15/21 22:00:00	7.57	24.30					7.682679082	91.68171666			0.11	1.49	Excellent
3646	06/15/21 22:30:00	7.60	24.28					7.714376511	92.02571661			0.11	1.50	Excellent
3647	06/15/21 23:00:00	7.56	24.26					7.675018826	91.52212848			0.12	1.52	Excellent
3648	06/15/21 23:30:00	7.66	24.24				6.256	7.777800995	92.71323353		6.323	0.12	1.54	Excellent
3649	06/16/21 00:00:00	7.62	24.22	7.26	8.23	7.53854		7.738440018	92.20967977	7.685		0.12	1.55	Excellent
3650	06/16/21 00:30:00	7.61	24.22					7.729537111	92.10359454			0.12	1.57	Excellent
3651	06/16/21 01:00:00	7.61	24.20					7.730789638	92.08419461			0.12	1.59	Excellent
3652	06/16/21 01:30:00	7.56	24.20					7.68124031	91.49399488			0.12	1.60	Excellent
3653	06/16/21 02:00:00	7.59	24.18					7.712970657	91.83770354			0.12	1.62	Excellent
3654	06/16/21 02:30:00	7.58	24.16					7.704056229	91.69735976			0.12	1.64	Excellent
3655	06/16/21 03:00:00	7.61	24.16					7.735799743	92.07518623			0.13	1.65	Excellent
3656	06/16/21 03:30:00	7.59	24.16					7.71671836	91.8480705			0.13	1.67	Excellent
3657	06/16/21 04:00:00	7.51	24.16					7.636618793	90.89468716			0.13	1.69	Excellent
3658	06/16/21 04:30:00	7.34	24.14					7.464960675	88.81839391			0.12	1.70	Excellent
3659	06/16/21 05:00:00	7.48	24.14					7.608575251	90.52712575			0.13	1.72	Excellent
3660	06/16/21 05:30:00	7.40	24.12					7.528418077	89.53999736			0.13	1.74	Excellent
3661	06/16/21 06:00:00	7.39	24.10					7.519460856	89.40009105			0.13	1.75	Excellent
3662	06/16/21 06:30:00	7.36	24.10					7.490146683	89.05157009			0.13	1.77	Excellent
3663	06/16/21 07:00:00	7.33	24.08					7.460822635	88.669822			0.13	1.78	Excellent
3664	06/16/21 07:30:00	7.33	24.08					7.462029077	88.68416023			0.13	1.80	Excellent
3665	06/16/21 08:00:00	7.33	24.08					7.463235518	88.69849845			0.13	1.82	Excellent
3666	06/16/21 08:30:00	7.29	24.10					7.423708306	88.26167343			0.13	1.83	Excellent
3667	06/16/21 09:00:00	7.26	24.10					7.394352986	87.91266327			0.13	1.85	Excellent
3668	06/16/21 09:30:00	7.28	24.10					7.415921316	88.16909264			0.14	1.87	Excellent
3669	06/16/21 10:00:00	7.32	24.10					7.457872931	88.66786222			0.14	1.88	Excellent
3670	06/16/21 10:30:00	7.26	24.12					7.397937745	87.98811641			0.14	1.90	Excellent
3671	06/16/21 11:00:00	7.26	24.14					7.399132665	88.03516968			0.14	1.92	Excellent
3672	06/16/21 11:30:00	7.39	24.14					7.532840338	89.62602879			0.14	1.93	Excellent
3673	06/16/21 12:00:00	7.32	24.16					7.462692113	88.82452868			0.14	1.95	Excellent
3674	06/16/21 12:30:00	7.36	24.16					7.50468323	89.32432702			0.14	1.97	Excellent
3675	06/16/21 13:00:00	7.36	24.16					7.505894609	89.33874544			0.15	1.98	Excellent
3676	06/16/21 13:30:00	7.41	24.16					7.558105349	89.96018262			0.15	2.00	Excellent
3677	06/16/21 14:00:00	7.48	24.16					7.630735585	90.8246624			0.15	2.02	Excellent
3678	06/16/21 14:30:00	7.49	24.18					7.642169878	90.99468453			0.15	2.03	Excellent
3679	06/16/21 15:00:00	7.47	24.16					7.622993034	90.73250686			0.15	2.05	Excellent
3680	06/16/21 15:30:00	7.53	24.18					7.685461253	91.51015134			0.16	2.06	Excellent
3681	06/16/21 16:00:00	7.62	24.20					7.778573527	92.65336558			0.16	2.08	Excellent
3682	06/16/21 16:30:00	7.63	24.22					7.790037447	92.82450425			0.16	2.10	Excellent
3683	06/16/21 17:00:00	7.84	24.24					8.005732529	95.43023151			0.17	2.11	Excellent
3684	06/16/21 17:30:00	7.71	24.24					7.874253399	93.86296908			0.16	2.13	Excellent
3685	06/16/21 18:00:00	7.66	24.22					7.824448957	93.23454482			0.16	2.15	Excellent
3686	06/16/21 18:30:00	7.67	24.18					7.835926044	93.30172317			0.17	2.16	Excellent
3687	06/16/21 19:00:00	7.59	24.16					7.755444629	92.30900906			0.17	2.18	Excellent
3688	06/16/21 19:30:00	7.51	24.16					7.674936879	91.35076734			0.16	2.20	Excellent
3689	06/16/21 20:00:00	7.52	24.18					7.686394216	91.52126005			0.17	2.21	Excellent
3690	06/16/21 20:30:00	7.57	24.16					7.738746503	92.11025998			0.17	2.23	Excellent
3691	06/16/21 21:00:00	7.61	24.18					7.780890688	92.64642174			0.17	2.25	Excellent
3692	06/16/21 21:30:00	8.02	24.20					8.201417685	97.69001325			0.18	2.26	Excellent
3693	06/16/21 22:00:00	8.23	24.34					8.417522595	100.5257981			0.19	2.28	Excellent
3694	06/16/21 22:30:00	8.17	24.34					8.357500176	99.80898366			0.19	2.29	Excellent
3695	06/16/21 23:00:00	8.00	24.28					8.18491542	97.63883132			0.18	2.31	Excellent
3696	06/16/21 23:30:00	7.78	24.20				6.230	7.961110753	94.82763161		6.331	0.18	2.33	Excellent
3697	06/17/21 00:00:00	7.73	24.18	7.33	7.77	7.55208		7.911219079	94.1982311	7.758		0.18	2.34	Excellent
3698	06/17/21 00:30:00	7.75	24.18					7.93296352	94.45714036			0.18	2.36	Excellent
3699	06/17/21 01:00:00	7.64	24.16					7.821624082	93.09670854			0.18	2.38	Excellent
3700	06/17/21 01:30:00	7.58	24.16					7.761445303	92.38043196			0.18	2.39	Excellent
3701	06/17/21 02:00:00	7.52	24.14					7.701246774	91.62973515			0.18	2.41	Excellent
3702	06/17/21 02:30:00	7.48	24.12					7.661513825	91.12298502			0.18	2.43	Excellent
3703	06/17/21 03:00:00	7.44	24.12					7.621767709	90.65026059			0.18	2.44	Excellent

3704	06/17/21 03:30:00	7.41	24.12					7.592254383	90.29924088			0.18	2.46	Excellent
3705	06/17/21 04:00:00	7.48	24.12					7.665207214	91.16691271			0.19	2.48	Excellent
3706	06/17/21 04:30:00	7.51	24.14					7.697186091	91.58142099			0.19	2.49	Excellent
3707	06/17/21 05:00:00	7.41	24.12					7.595913208	90.34275748			0.19	2.51	Excellent
3708	06/17/21 05:30:00	7.33	24.10					7.515112489	89.34839261			0.19	2.53	Excellent
3709	06/17/21 06:00:00	7.43	24.10					7.618860799	90.58187311			0.19	2.54	Excellent
3710	06/17/21 06:30:00	7.34	24.10					7.527781204	89.49901302			0.19	2.56	Excellent
3711	06/17/21 07:00:00	7.35	24.08					7.53924677	89.60187124			0.19	2.57	Excellent
3712	06/17/21 07:30:00	7.40	24.08					7.591752125	90.22588293			0.19	2.59	Excellent
3713	06/17/21 08:00:00	7.37	24.08					7.562187777	89.87451879			0.19	2.61	Excellent
3714	06/17/21 08:30:00	7.43	24.10					7.624975299	90.6545694			0.19	2.62	Excellent
3715	06/17/21 09:00:00	7.56	24.10					7.759631008	92.25551298			0.20	2.64	Excellent
3716	06/17/21 09:30:00	7.58	24.12					7.781406721	92.54894322			0.20	2.66	Excellent
3717	06/17/21 10:00:00	7.61	24.14					7.813456371	92.96480932			0.20	2.67	Excellent
3718	06/17/21 10:30:00	7.72	24.16					7.927667896	94.35889271			0.21	2.69	Excellent
3719	06/17/21 11:00:00	7.77	24.20					7.980291756	95.05610339			0.21	2.71	Excellent
3720	06/17/21 11:30:00	7.54	24.20					7.745307908	92.25712691			0.21	2.72	Excellent
3721	06/17/21 12:00:00	7.49	24.20					7.695179226	91.66002628			0.21	2.74	Excellent
3722	06/17/21 12:30:00	7.50	24.20					7.706687585	91.79710645			0.21	2.76	Excellent
3723	06/17/21 13:00:00	7.41	24.18					7.615426942	90.6762586			0.21	2.77	Excellent
3724	06/17/21 13:30:00	7.37	24.20					7.575531049	90.23485415			0.21	2.79	Excellent
3725	06/17/21 14:00:00	7.45	24.20					7.658988243	91.22894257			0.21	2.81	Excellent
3726	06/17/21 14:30:00	7.58	24.26					7.793882606	92.93954079			0.21	2.82	Excellent
3727	06/17/21 15:00:00	7.68	24.28					7.897968324	94.21580522			0.22	2.84	Excellent
3728	06/17/21 15:30:00	7.62	24.30					7.837519619	93.52951559			0.22	2.85	Excellent
3729	06/17/21 16:00:00	7.59	24.32					7.807912477	93.21087853			0.22	2.87	Excellent
3730	06/17/21 16:30:00	7.62	24.32					7.840027963	93.59427328			0.22	2.89	Excellent
3731	06/17/21 17:00:00	7.63	24.34					7.851572532	93.76697075			0.22	2.90	Excellent
3732	06/17/21 17:30:00	7.68	24.34					7.904288562	94.39652902			0.22	2.92	Excellent
3733	06/17/21 18:00:00	7.63	24.34					7.854084168	93.79696582			0.22	2.94	Excellent
3734	06/17/21 18:30:00	7.62	24.34					7.845044652	93.6890119			0.23	2.95	Excellent
3735	06/17/21 19:00:00	7.69	24.36					7.918377685	94.59996565			0.23	2.97	Excellent
3736	06/17/21 19:30:00	7.64	24.38					7.868150248	94.03486195			0.23	2.99	Excellent
3737	06/17/21 20:00:00	7.69	24.36					7.920909071	94.63020784			0.23	3.00	Excellent
3738	06/17/21 20:30:00	7.72	24.38					7.953080518	95.04989166			0.23	3.02	Excellent
3739	06/17/21 21:00:00	7.64	24.34					7.87192264	94.01000079			0.23	3.04	Excellent
3740	06/17/21 21:30:00	7.61	24.34					7.842264475	93.6558098			0.23	3.05	Excellent
3741	06/17/21 22:00:00	7.61	24.32					7.843517002	93.63592543			0.23	3.07	Excellent
3742	06/17/21 22:30:00	7.57	24.32					7.803535522	93.15862643			0.23	3.09	Excellent
3743	06/17/21 23:00:00	7.59	24.30					7.82540176	93.38490639			0.24	3.10	Excellent
3744	06/17/21 23:30:00	7.49	24.30				6.326	7.723533063	92.16925011		6.459	0.23	3.12	Excellent
3745	06/18/21 00:00:00	7.37	24.30	7.23	8.99	7.94479		7.60100457	90.70704891	8.225		0.23	3.13	Excellent
3746	06/18/21 00:30:00	7.38	24.28					7.612532679	90.81080941			0.23	3.15	Excellent
3747	06/18/21 01:00:00	7.49	24.26					7.727231389	92.14474649			0.24	3.17	Excellent
3748	06/18/21 01:30:00	7.39	24.24					7.625280397	90.89515182			0.24	3.18	Excellent
3749	06/18/21 02:00:00	7.54	24.24					7.781297053	92.75490738			0.24	3.20	Excellent
3750	06/18/21 02:30:00	7.55	24.24					7.792859727	92.89273719			0.24	3.22	Excellent
3751	06/18/21 03:00:00	7.54	24.22					7.783779063	92.74993062			0.24	3.23	Excellent
3752	06/18/21 03:30:00	7.58	24.22					7.82631991	93.25683871			0.25	3.25	Excellent
3753	06/18/21 04:00:00	7.23	24.20					7.466136281	88.93181402			0.24	3.27	Excellent
3754	06/18/21 04:30:00	7.57	24.18					7.818486835	93.09407594			0.25	3.28	Excellent
3755	06/18/21 05:00:00	7.31	24.18					7.55115543	89.91098302			0.24	3.30	Excellent
3756	06/18/21 05:30:00	7.24	24.14					7.480037772	88.9977818			0.24	3.32	Excellent
3757	06/18/21 06:00:00	7.45	24.14					7.698226385	91.59379845			0.25	3.33	Excellent
3758	06/18/21 06:30:00	7.36	24.10					7.606439056	90.43418899			0.25	3.35	Excellent
3759	06/18/21 07:00:00	7.39	24.10					7.63865988	90.8172676			0.25	3.36	Excellent
3760	06/18/21 07:30:00	7.36	24.12					7.608861814	90.49676303			0.25	3.38	Excellent
3761	06/18/21 08:00:00	7.27	24.14					7.517015233	89.43774107			0.25	3.40	Excellent
3762	06/18/21 08:30:00	7.31	24.16					7.559577475	89.97770457			0.25	3.41	Excellent
3763	06/18/21 09:00:00	7.29	24.18					7.540094495	89.77928138			0.25	3.43	Excellent
3764	06/18/21 09:30:00	7.30	24.20					7.551639063	89.95026818			0.25	3.45	Excellent
3765	06/18/21 10:00:00	7.44	24.24					7.697689564	91.75828627			0.26	3.46	Excellent
3766	06/18/21 10:30:00	7.59	24.32					7.854134152	93.762673			0.26	3.48	Excellent
3767	06/18/21 11:00:00	7.76	24.42					8.031327415	96.05642068			0.27	3.50	Excellent
3768	06/18/21 11:30:00	7.82	24.48					8.094712398	96.92244802			0.27	3.51	Excellent
3769	06/18/21 12:00:00	8.18	24.58					8.468705347	101.5887271			0.29	3.53	Excellent
3770	06/18/21 12:30:00	8.40	24.66					8.69785259	104.4922649			0.30	3.55	Excellent
3771	06/18/21 13:00:00	8.45	24.82					8.751016304	105.4424747			0.30	3.56	Excellent
3772	06/18/21 13:30:00	8.46	24.86					8.762764963	105.6620546			0.30	3.58	Excellent
3773	06/18/21 14:00:00	8.68	24.94					8.992066921	108.5871545			0.31	3.60	Good
3774	06/18/21 14:30:00	8.57	24.90					8.879522688	107.1489989			0.31	3.61	Good
3775	06/18/21 15:00:00	8.52	24.92					8.829119141	106.5800966			0.31	3.63	Good
3776	06/18/21 15:30:00	8.49	24.86					8.799428058	106.1041409			0.31	3.64	Good
3777	06/18/21 16:00:00	8.37	24.78					8.676432131	104.4665608			0.31	3.66	Good
3778	06/18/21 16:30:00	8.45	24.76					8.760751774	105.4428031			0.31	3.68	Good
3779	06/18/21 17:00:00	8.99	24.92					9.322090127	112.5309615			0.33	3.69	Good
3780	06/18/21 17:30:00	8.93	24.96					9.261343515	111.8801552			0.33	3.71	Good
3781	06/18/21 18:00:00	8.90	25.02					9.231695225	111.6453621			0.33	3.73	Good
3782	06/18/21 18:30:00	8.93	24.98					9.264283083	111.9569306			0.33	3.74	Good
3783	06/18/21 19:00:00	8.73	24.90					9.058233207	109.3054947			0.33	3.76	Good
3784	06/18/21 19:30:00	8.69	24.92					9.018159558	108.8620848			0.33	3.78	Good
3785	06/18/21 20:00:00	8.61	24.96					8.936555642	107.9566081			0.33	3.79	Good
3786	06/18/21 20:30:00	8.75	24.90					9.083305648	109.6080433			0.33	3.81	Good
3787	06/18/21 21:00:00	8.35	25.00					8.669443141	104.807032			0.32	3.83	Good
3788	06/18/21 21:30:00	8.14	25.02					8.452749	102.2250193			0.31	3.84	Good
3789	06/18/21 22:00:00	7.55	24.72					7.841323112	94.30694316			0.29	3.86	Excellent
3790	06/18/21 22:30:00	7.96	24.94					8.26845344	99.84888227			0.31	3.88	Good
3791	06/18/21 23:00:00	7.70	24.76					7.999645667	96.28226943			0.30	3.89	Excellent
3792	06/18/21 23:30:00	8.02	24.82				6.627	8.333418482	100.410768		6.795	0.31	3.91	Good
3793	06/19/21 00:00:00	8.03	24.90	5.32	8.15	7.16042		8.345130932	100.7005057	7.470		0.32	3.92	Good
3794	06/19/21 00:30:00	8.15	24.86					8.47118164	102.1461218			0.32	3.94	Good
3795	06/19/21 01:00:00	6.65	24.62					6.913162975	82.99027152			0.26	3.96	Excellent
3796	06/19/21 01:30:00	5.76	24.58					5.988890703	71.84141597			0.23	3.97	Excellent
3797	06/19/21 02:00:00	5.57	24.56					5.792257252	69.45688816			0.22	3.99	Excellent
3798	06/19/21 02:30:00	6.06	24.56					6.302806919	75.57905945			0.24	4.01	Excellent
3799	06/19/21 03:00:00	5.32	24.56					5.534032845	66.36043319			0.21	4.02	Excellent
3800	06/19/21 03:30:00	5.87	24.56					6.107126442	73.2325896			0.24	4.04	Excellent
3801	06/19/21 04:00:00	6.72	24.58					6.992569361	83.88132445			0.27	4.06	Excellent
3802	06/19/21 04:30:00	6.00	24.56					6.244353038	74.87811948			0.24	4.07	Excellent
3803	06/19/21 05:00:00	5.41	24.56					5.631215419	67.52578183			0.22	4.09	Excellent
3804	06/19/21 05:30:00	6.24	24.56					6.496181237	77.89787539			0.26	4.11	Excellent
3805	06/19/21 06:00:00	7.16	24.58					7.455130009	89.43010026			0.30	4.12	Excellent
3806	06/19/21 06:30:00	7.72	24.66					8.039483434	96.58290061			0.32	4.14	Good
3807	06/19/21 07:00:00	7.47	24.60					7.780366951	93.36617062			0.31	4.15	Good
3808	06/19/21 07:30:00	7.35	24.56					7.65659087	91.81273423			0.31	4.17	Good
3809	06/19/21 08:00:00	7.53	24.52					7.845338577	94.00630863			0.32	4.19	Good
3810	06/19/21 08:30:00	7.45	24.48					7.763214558	92.95324188			0.31	4.20	Good
3811	06/19/21 09:00:00	7.32	24.44					7.628953865	91.27784914			0.31	4.22	Good
3812	06/19/21 09:30:00	7.26	24.44					7.567616376	90.54396686			0.31	4.24	Good
3813	06/19/21 10:00:00	6.96	24.42					7.256050498	86.78394033			0.30	4.25	Excellent
3814	06/19/21 10:30:00	7.14	24.42					7.444882146	89.04240785			0.30	4.27	Excellent
3815	06/19/21 11:00:00	7.17	24.42					7.47734327	89.43064995			0.31	4.29	Good
3816	06/19/21 11:30:00	7.34	24.44					7.655838436	91.59951393			0.32	4.30	Good
3817	06/19/21 12:00:00	7.43	24.50					7.750934015	92.8406544			0.32	4.32	Good
3818	06/19/21 12:30:00	7.35	24.50					7.6686882	91.85551439			0.32	4.34	Good
3819	06/19/21 13:00:00	7.47	24.56					7.795120756	93.47389229			0.33	4.35	Good

3820	06/19/21 13:30:00	7.31	24.56					7.629360141	91.48620148			0.32	4.37	Good
3821	06/19/21 14:00:00	7.42	24.52					7.745387088	92.80864579			0.33	4.39	Good
3822	06/19/21 14:30:00	7.34	24.50					7.663086959	91.78842274			0.32	4.40	Good
3823	06/19/21 15:00:00	7.35	24.48					7.674736865	91.89384975			0.32	4.42	Good
3824	06/19/21 15:30:00	7.63	24.52					7.968363611	95.48044887			0.34	4.43	Good
3825	06/19/21 16:00:00	7.82	24.56					8.168076531	97.94612936			0.35	4.45	Good
3826	06/19/21 16:30:00	7.97	24.66					8.32606497	100.0257681			0.36	4.47	Good
3827	06/19/21 17:00:00	7.83	24.68					8.181099114	98.32060432			0.35	4.48	Good
3828	06/19/21 17:30:00	7.78	24.64					8.130137608	97.6358169			0.35	4.50	Good
3829	06/19/21 18:00:00	7.71	24.62					8.058256255	96.73674366			0.35	4.52	Good
3830	06/19/21 18:30:00	7.57	24.58					7.913178479	94.92474899			0.34	4.53	Good
3831	06/19/21 19:00:00	7.53	24.58					7.872604477	94.43803219			0.34	4.55	Good
3832	06/19/21 19:30:00	7.58	24.62					7.926126996	95.15057491			0.35	4.57	Good
3833	06/19/21 20:00:00	7.70	24.70					8.052873918	96.81541783			0.35	4.58	Good
3834	06/19/21 20:30:00	7.66	24.72					8.012301563	96.36328682			0.35	4.60	Good
3835	06/19/21 21:00:00	7.49	24.72					7.835715635	94.23950251			0.35	4.62	Good
3836	06/19/21 21:30:00	7.62	24.74					7.972970212	95.92572875			0.35	4.63	Good
3837	06/19/21 22:00:00	7.54	24.82					7.890505493	95.0740345			0.35	4.65	Good
3838	06/19/21 22:30:00	6.79	24.78					7.106758451	85.56727031			0.32	4.67	Good
3839	06/19/21 23:00:00	6.74	24.76					7.055535248	84.91912942			0.32	4.68	Good
3840	06/19/21 23:30:00	7.42	24.76				6.898	7.768590919	93.50133682		7.100	0.35	4.70	Good
3841	06/20/21 00:00:00	7.23	24.80	5.48	8.04	7.05771		7.570854719	91.1888094	7.418		0.34	4.71	Good
3842	06/20/21 00:30:00	7.21	24.82					7.551098519	90.98446249			0.34	4.73	Good
3843	06/20/21 01:00:00	7.12	24.78					7.458012579	89.79646385			0.34	4.75	Good
3844	06/20/21 01:30:00	6.34	24.84					6.642026609	80.06046841			0.30	4.76	Excellent
3845	06/20/21 02:00:00	7.01	24.80					7.34509802	88.46963364			0.34	4.78	Good
3846	06/20/21 02:30:00	7.17	24.78					7.513926583	90.4696834			0.34	4.80	Good
3847	06/20/21 03:00:00	6.90	24.76					7.232111041	87.04436331			0.33	4.81	Good
3848	06/20/21 03:30:00	6.57	24.72					6.887308822	82.83309238			0.32	4.83	Good
3849	06/20/21 04:00:00	5.98	24.72					6.269798059	75.40634161			0.29	4.85	Excellent
3850	06/20/21 04:30:00	5.48	24.72					5.746469403	69.11231123			0.27	4.86	Excellent
3851	06/20/21 05:00:00	6.41	24.70					6.722746419	80.82400273			0.31	4.88	Good
3852	06/20/21 05:30:00	5.90	24.70					6.188834397	74.4050626			0.29	4.90	Excellent
3853	06/20/21 06:00:00	6.06	24.68					6.357664607	76.40653382			0.30	4.91	Excellent
3854	06/20/21 06:30:00	7.11	24.66					7.460410389	89.62616579			0.35	4.93	Good
3855	06/20/21 07:00:00	6.95	24.62					7.29366882	87.55812035			0.34	4.94	Good
3856	06/20/21 07:30:00	6.91	24.60					7.252828184	87.03558558			0.34	4.96	Good
3857	06/20/21 08:00:00	6.99	24.62					7.337947732	88.08967427			0.35	4.98	Good
3858	06/20/21 08:30:00	7.02	24.64					7.370596488	88.51439469			0.35	4.99	Good
3859	06/20/21 09:00:00	6.93	24.66					7.277242267	87.42566265			0.35	5.01	Good
3860	06/20/21 09:30:00	7.06	24.72					7.414918193	89.17860654			0.35	5.03	Good
3861	06/20/21 10:00:00	6.96	24.74					7.311036566	87.96176228			0.35	5.04	Good
3862	06/20/21 10:30:00	6.89	24.76					7.238640048	87.12294524			0.35	5.06	Good
3863	06/20/21 11:00:00	6.97	24.78					7.323835307	88.18093364			0.35	5.08	Good
3864	06/20/21 11:30:00	6.83	24.74					7.177852288	86.35937338			0.35	5.09	Good
3865	06/20/21 12:00:00	7.07	24.80					7.431239149	89.50717925			0.36	5.11	Good
3866	06/20/21 12:30:00	7.12	24.90					7.484965759	90.32091208			0.36	5.13	Good
3867	06/20/21 13:00:00	7.32	24.96					7.696422402	92.97538001			0.38	5.14	Good
3868	06/20/21 13:30:00	7.34	25.12					7.718658965	93.51912672			0.38	5.16	Good
3869	06/20/21 14:00:00	7.49	25.20					7.877630003	95.58568235			0.39	5.18	Good
3870	06/20/21 14:30:00	7.75	25.44					8.152361353	99.35561201			0.40	5.19	Good
3871	06/20/21 15:00:00	7.81	25.44					8.216761853	100.1404829			0.41	5.21	Good
3872	06/20/21 15:30:00	7.80	25.32					8.207524829	99.80817969			0.41	5.22	Good
3873	06/20/21 16:00:00	7.63	25.28					8.029898696	97.57651155			0.40	5.24	Good
3874	06/20/21 16:30:00	7.78	25.28					8.189040907	99.51035186			0.41	5.26	Good
3875	06/20/21 17:00:00	7.67	25.24					8.074519953	98.04671457			0.40	5.27	Good
3876	06/20/21 17:30:00	7.60	25.10					8.002078996	96.91737493			0.40	5.29	Good
3877	06/20/21 18:00:00	7.81	25.42					8.224474518	100.1977749			0.41	5.31	Good
3878	06/20/21 18:30:00	8.04	25.50					8.468003853	103.3158498			0.43	5.32	Good
3879	06/20/21 19:00:00	7.60	25.32					8.005831637	97.35547553			0.41	5.34	Good
3880	06/20/21 19:30:00	7.60	25.34					8.007082517	97.40640632			0.41	5.36	Good
3881	06/20/21 20:00:00	7.84	25.36					8.261228137	100.5349519			0.42	5.37	Good
3882	06/20/21 20:30:00	6.92	25.02					7.292937264	88.19860292			0.37	5.39	Good
3883	06/20/21 21:00:00	7.31	24.96					7.705158554	93.08091568			0.40	5.41	Good
3884	06/20/21 21:30:00	7.54	25.10					7.948832728	96.27248146			0.41	5.42	Good
3885	06/20/21 22:00:00	6.09	24.84					6.4212134	77.39886977			0.33	5.44	Good
3886	06/20/21 22:30:00	5.87	24.64					6.190214524	74.33904332			0.32	5.46	Good
3887	06/20/21 23:00:00	6.22	24.74					6.56033113	78.92974986			0.34	5.47	Good
3888	06/20/21 23:30:00	7.55	25.24				7.155	7.96434555	96.70889655		7.392	0.41	5.49	Good
3889	06/21/21 00:00:00	6.87	25.20	4.19	7.52	6.60208		7.248157741	87.94778419	6.992		0.38	5.50	Good
3890	06/21/21 00:30:00	6.74	25.04					7.112111251	86.04343357			0.37	5.52	Good
3891	06/21/21 01:00:00	6.89	25.12					7.27152668	88.10168037			0.38	5.54	Good
3892	06/21/21 01:30:00	7.46	25.16					7.874317683	95.47528207			0.41	5.55	Good
3893	06/21/21 02:00:00	6.25	24.96					6.598144706	79.7078148			0.35	5.57	Good
3894	06/21/21 02:30:00	5.49	24.78					5.796713906	69.79398401			0.31	5.59	Good
3895	06/21/21 03:00:00	4.93	24.76					5.206239397	62.66134341			0.28	5.60	Good
3896	06/21/21 03:30:00	5.09	24.78					5.37604233	64.72898586			0.29	5.62	Good
3897	06/21/21 04:00:00	4.19	24.80					4.426154731	53.31178515			0.24	5.64	Good
3898	06/21/21 04:30:00	5.22	24.86					5.515066245	66.50106824			0.30	5.65	Good
3899	06/21/21 05:00:00	5.54	24.84					5.854066423	70.56269532			0.31	5.67	Good
3900	06/21/21 05:30:00	5.99	24.86					6.330563125	76.33438868			0.34	5.69	Good
3901	06/21/21 06:00:00	6.00	24.84					6.342119215	76.44549848			0.34	5.70	Good
3902	06/21/21 06:30:00	6.89	25.06					7.28400092	88.15543661			0.39	5.72	Good
3903	06/21/21 07:00:00	6.77	25.06					7.158253056	86.63355901			0.39	5.73	Good
3904	06/21/21 07:30:00	6.63	24.98					7.011315418	84.73028582			0.38	5.75	Good
3905	06/21/21 08:00:00	6.79	24.90					7.181635163	86.66062865			0.39	5.77	Good
3906	06/21/21 08:30:00	6.60	24.84					6.98176259	84.15551702			0.38	5.78	Good
3907	06/21/21 09:00:00	6.51	24.82					6.887628215	82.99019664			0.38	5.80	Good
3908	06/21/21 09:30:00	6.58	24.84					6.962771732	83.92660842			0.38	5.82	Good
3909	06/21/21 10:00:00	6.91	24.92					7.313105804	88.27964723			0.40	5.83	Good
3910	06/21/21 10:30:00	6.83	24.92					7.229563024	87.27116638			0.40	5.85	Good
3911	06/21/21 11:00:00	6.70	24.96					7.093060621	85.68656608			0.39	5.87	Good
3912	06/21/21 11:30:00	6.78	25.04					7.178869799	86.85108892			0.40	5.88	Good
3913	06/21/21 12:00:00	6.68	25.18					7.074086222	85.80409466			0.39	5.90	Good
3914	06/21/21 12:30:00	6.86	25.22					7.265834396	88.19466547			0.41	5.92	Good
3915	06/21/21 13:00:00	6.68	25.14					7.076285138	85.76767769			0.40	5.93	Good
3916	06/21/21 13:30:00	7.04	25.22					7.458800532	90.53694068			0.42	5.95	Good
3917	06/21/21 14:00:00	6.98	25.22					7.396380044	89.7792639			0.42	5.97	Good
3918	06/21/21 14:30:00	6.91	25.22					7.323341627	88.89270381			0.41	5.98	Good
3919	06/21/21 15:00:00	7.19	25.30					7.621274035	92.64504052			0.43	6.00	Good
3920	06/21/21 15:30:00	7.21	25.34					7.643660375	92.98536473			0.43	6.01	Good
3921	06/21/21 16:00:00	7.20	25.44					7.634243949	93.04113826			0.43	6.03	Good
3922	06/21/21 16:30:00	7.20	25.40					7.635428993	92.98743158			0.44	6.05	Good
3923	06/21/21 17:00:00	7.36	25.48					7.806316572	95.20793253			0.45	6.06	Good
3924	06/21/21 17:30:00	7.50	25.58					7.956040711	97.2116195			0.46	6.08	Good
3925	06/21/21 18:00:00	7.52	25.54					7.978494533	97.41471939			0.46	6.10	Good
3926	06/21/21 18:30:00	7.18	25.58					7.618946479	93.09280244			0.44	6.11	Good
3927	06/21/21 19:00:00	6.90	25.46					7.322964457	89.28015317			0.42	6.13	Good
3928	06/21/21 19:30:00	7.16	25.50					7.600080709	92.72655166			0.44	6.15	Good
3929	06/21/21 20:00:00	6.87	25.46					7.293386941	88.91954987			0.42	6.16	Good
3930	06/21/21 20:30:00	6.34	25.26					6.7317674	81.77205299			0.39	6.18	Good
3931	06/21/21 21:00:00	6.49	25.40					6.89210453	83.93491696			0.40	6.20	Good
3932	06/21/21 21:30:00	6.79	25.44					7.21180936	87.89278365			0.42	6.21	Good
3933	06/21/21 22:00:00	6.36	25.30					6.756143627	82.12842069			0.40	6.23	Good
3934	06/21/21 22:30:00	6.71	25.38					7.12904838	86.78870707			0.42	6.25	Good
3935	06/21/21 23:00:00	6.39	25.44					6.790115683	82.7534588			0.40	6.26	Good

3936	06/21/21 23:30:00	6.73	25.40				7.250	7.152512781	87.106277	7.516	0.42	6.28	Good
3937	06/22/21 00:00:00	6.35	25.42	5.11	6.71	5.78083		6.749701334	82.23079215	6.167	0.40	6.29	Good
3938	06/22/21 00:30:00	5.92	25.40					6.293609314	76.64619316		0.37	6.31	Good
3939	06/22/21 01:00:00	6.48	25.36					6.890017276	83.84801195		0.41	6.33	Good
3940	06/22/21 01:30:00	5.93	25.26					6.306192443	76.60251342		0.38	6.34	Good
3941	06/22/21 02:00:00	5.84	25.36					6.211444148	75.59012152		0.37	6.36	Good
3942	06/22/21 02:30:00	5.89	25.42					6.265593753	76.33296824		0.38	6.38	Good
3943	06/22/21 03:00:00	6.71	25.40					7.138987941	86.94156586		0.43	6.39	Good
3944	06/22/21 03:30:00	6.36	25.36					6.76765831	82.35896546		0.41	6.41	Good
3945	06/22/21 04:00:00	6.32	25.32					6.726134627	81.79363054		0.41	6.43	Good
3946	06/22/21 04:30:00	6.08	25.26					6.471712497	78.61311686		0.39	6.44	Good
3947	06/22/21 05:00:00	5.87	25.22					6.249149094	75.85386396		0.38	6.46	Good
3948	06/22/21 05:30:00	5.77	25.20					6.143639677	74.54576953		0.37	6.48	Good
3949	06/22/21 06:00:00	5.78	25.20					6.15523856	74.6865082		0.38	6.49	Good
3950	06/22/21 06:30:00	5.88	25.20					6.262698363	75.99040526		0.38	6.51	Good
3951	06/22/21 07:00:00	5.75	25.22					6.125183735	74.34913886		0.38	6.52	Good
3952	06/22/21 07:30:00	5.86	25.22					6.243325658	75.78317751		0.38	6.54	Good
3953	06/22/21 08:00:00	5.86	25.20					6.244290152	75.76704349		0.38	6.56	Good
3954	06/22/21 08:30:00	5.63	25.20					6.000133731	72.80449534		0.37	6.57	Good
3955	06/22/21 09:00:00	5.77	25.18					6.150287448	74.59901248		0.38	6.59	Good
3956	06/22/21 09:30:00	5.75	25.20					6.129915684	74.37924518		0.38	6.61	Good
3957	06/22/21 10:00:00	5.99	25.20					6.386758925	77.49573281		0.40	6.62	Good
3958	06/22/21 10:30:00	5.73	25.20					6.110480434	74.1434215		0.38	6.64	Good
3959	06/22/21 11:00:00	5.85	25.18					6.239411459	75.68002915		0.39	6.66	Good
3960	06/22/21 11:30:00	5.89	25.16					6.283043534	76.18124869		0.39	6.67	Good
3961	06/22/21 12:00:00	5.91	25.14					6.305350871	76.42361645		0.40	6.69	Good
3962	06/22/21 12:30:00	5.77	25.14					6.156935219	74.62475369		0.39	6.71	Good
3963	06/22/21 13:00:00	5.89	25.12					6.285951831	76.16047405		0.40	6.72	Good
3964	06/22/21 13:30:00	5.49	25.12					5.859965659	70.99923362		0.37	6.74	Good
3965	06/22/21 14:00:00	5.61	25.10					5.988975688	72.53562511		0.38	6.76	Good
3966	06/22/21 14:30:00	5.64	25.10					6.021930581	72.9347591		0.38	6.77	Good
3967	06/22/21 15:00:00	5.68	25.10					6.065574177	73.46334958		0.39	6.79	Good
3968	06/22/21 15:30:00	5.63	25.08					6.013106677	72.80109132		0.38	6.80	Good
3969	06/22/21 16:00:00	5.65	25.08					6.035397555	73.0709685		0.39	6.82	Good
3970	06/22/21 16:30:00	5.71	25.08					6.100430078	73.85832168		0.39	6.84	Good
3971	06/22/21 17:00:00	5.63	25.08					6.015886594	72.83474797		0.39	6.85	Good
3972	06/22/21 17:30:00	5.74	25.06					6.134370863	74.24191014		0.39	6.87	Good
3973	06/22/21 18:00:00	5.72	25.04					6.1139382	73.96737998		0.39	6.89	Good
3974	06/22/21 18:30:00	5.76	25.04					6.157641048	74.49610387		0.40	6.90	Good
3975	06/22/21 19:00:00	5.77	25.04					6.169281079	74.63692678		0.40	6.92	Good
3976	06/22/21 19:30:00	5.64	25.04					6.03121343	72.96656278		0.39	6.94	Good
3977	06/22/21 20:00:00	5.59	25.02					5.978665281	72.30419048		0.39	6.95	Good
3978	06/22/21 20:30:00	5.50	25.02					5.883312943	71.15102781		0.38	6.97	Good
3979	06/22/21 21:00:00	5.51	25.04					5.894916764	71.31762441		0.38	6.99	Good
3980	06/22/21 21:30:00	5.40	25.00					5.778121183	69.8531292		0.38	7.00	Good
3981	06/22/21 22:00:00	5.42	24.98					5.800413707	70.09679097		0.38	7.02	Good
3982	06/22/21 22:30:00	5.26	25.02					5.630049523	68.08813573		0.37	7.04	Good
3983	06/22/21 23:00:00	5.11	25.00					5.470337833	66.13226052		0.36	7.05	Good
3984	06/22/21 23:30:00	5.19	24.98				7.091	5.556833349	67.1531731	7.388	0.37	7.07	Good
3985	06/23/21 00:00:00	5.34	24.98	4.14	7.09	5.69174		5.718314377	69.10463767	5.749	0.38	7.08	Good
3986	06/23/21 00:30:00	5.49	24.94					5.879844782	71.00432187		0.39	7.10	Good
3987	06/23/21 01:00:00	5.46	24.92					5.848613141	70.60112608		0.39	7.12	Good
3988	06/23/21 01:30:00	5.49	24.92					5.881651975	70.99995206		0.39	7.13	Good
3989	06/23/21 02:00:00	5.38	24.92					5.764690159	69.58805565		0.38	7.15	Good
3990	06/23/21 02:30:00	4.76	24.92					5.101141282	61.57807161		0.34	7.17	Good
3991	06/23/21 03:00:00	4.14	24.92					4.437388314	53.56562389		0.30	7.18	Good
3992	06/23/21 03:30:00	4.76	24.90					5.102708174	61.57426383		0.34	7.20	Good
3993	06/23/21 04:00:00	4.65	24.90					4.985553789	60.16056451		0.34	7.22	Good
3994	06/23/21 04:30:00	4.27	24.88					4.578834986	55.23231007		0.31	7.23	Good
3995	06/23/21 05:00:00	5.12	24.88					5.491155375	66.23719728		0.37	7.25	Good
3996	06/23/21 05:30:00	4.72	24.80					5.062935724	60.98163258		0.34	7.27	Good
3997	06/23/21 06:00:00	5.01	24.78					5.374830521	64.71439535		0.36	7.28	Good
3998	06/23/21 06:30:00	4.89	24.76					5.246896908	63.15068977		0.36	7.30	Good
3999	06/23/21 07:00:00	4.95	24.74					5.312090729	63.9117118		0.36	7.31	Good
4000	06/23/21 07:30:00	4.27	24.70					4.58305177	55.09959258		0.31	7.33	Good
4001	06/23/21 08:00:00	5.22	24.72					5.603559447	67.39354504		0.38	7.35	Good
4002	06/23/21 08:30:00	5.16	24.76					5.54	66.67842488		0.38	7.36	Good
4003	06/23/21 09:00:00	Monitor out of service at 0831 hour for lab calibration; On-site Lab calibration completed at 0924 hour; Monitor launced at 0928 hour to start recording at 0930 hour											
4004	06/23/21 09:30:00	Monitor deployed back in river at 0938 hour.											
4005	06/23/21 10:00:00	5.75	24.56					5.561637931	66.67338955		-0.19	-3.28	Excellent
4006	06/23/21 10:30:00	5.80	24.76					5.61	67.502635		-0.19	-3.28	Excellent
4007	06/23/21 11:00:00	5.78	24.78					5.595505763	67.35312699		-0.18	-3.19	Excellent
4008	06/23/21 11:30:00	5.78	24.78					5.600356353	67.41151356		-0.18	-3.11	Excellent
4009	06/23/21 12:00:00	5.84	24.80					5.663392482	68.19547858		-0.18	-3.02	Excellent
4010	06/23/21 12:30:00	5.69	24.78					5.522703696	66.4768082		-0.17	-2.94	Excellent
4011	06/23/21 13:00:00	5.69	24.78					5.527478758	66.53428564		-0.16	-2.86	Excellent
4012	06/23/21 13:30:00	5.72	24.78					5.561422118	66.94286201		-0.16	-2.77	Excellent
4013	06/23/21 14:00:00	5.71	24.82					5.556491198	66.932957		-0.15	-2.69	Excellent
4014	06/23/21 14:30:00	5.85	24.88					5.697636744	68.7092555		-0.15	-2.60	Excellent
4015	06/23/21 15:00:00	6.11	24.90					5.955992571	71.85134626		-0.15	-2.52	Excellent
4016	06/23/21 15:30:00	6.42	25.08					6.263566453	75.81286261		-0.16	-2.44	Excellent
4017	06/23/21 16:00:00	6.40	25.04					6.249424681	75.58601746		-0.15	-2.35	Excellent
4018	06/23/21 16:30:00	6.46	25.04					6.313434285	76.3602057		-0.15	-2.27	Excellent
4019	06/23/21 17:00:00	6.48	25.10					6.338418553	76.74709445		-0.14	-2.18	Excellent
4020	06/23/21 17:30:00	6.73	25.20					6.588604139	79.92320256		-0.14	-2.10	Excellent
4021	06/23/21 18:00:00	6.87	25.34					6.731428089	81.86581553		-0.14	-2.02	Excellent
4022	06/23/21 18:30:00	7.09	25.48					6.952940506	84.77691737		-0.14	-1.93	Excellent
4023	06/23/21 19:00:00	7.02	25.52					6.890184904	84.07324121		-0.13	-1.85	Excellent
4024	06/23/21 19:30:00	6.70	25.36					6.581725058	80.07452218		-0.12	-1.77	Excellent
4025	06/23/21 20:00:00	6.24	25.12					6.135082051	74.31238178		-0.10	-1.68	Excellent
4026	06/23/21 20:30:00	6.08	24.96					5.982874605	72.25555147		-0.10	-1.60	Excellent
4027	06/23/21 21:00:00	6.09	24.94					5.997825603	72.4094107		-0.09	-1.51	Excellent
4028	06/23/21 21:30:00	6.10	24.98					6.012793384	72.64365623		-0.09	-1.43	Excellent
4029	06/23/21 22:00:00	5.99	24.96					5.909392785	71.36810692		-0.08	-1.35	Excellent
4030	06/23/21 22:30:00	6.05	25.08					5.973662542	72.30392796		-0.08	-1.26	Excellent
4031	06/23/21 23:00:00	6.11	25.04					6.038033003	73.02926131		-0.07	-1.18	Excellent
4032	06/23/21 23:30:00	6.19	25.14				6.834	6.122285382	74.18465948	7.119	-0.07	-1.09	Excellent
4033	06/24/21 00:00:00	5.81	25.08	5.59	6.91	6.20771		5.751318104	69.61271865	6.269	-0.06	-1.01	Excellent
4034	06/24/21 00:30:00	5.59	24.96					5.53823128	66.88556616		-0.05	-0.93	Excellent
4035	06/24/21 01:00:00	5.99	25.08					5.939553722	71.89108212		-0.05	-0.84	Excellent
4036	06/24/21 01:30:00	6.15	25.12					6.103367337	73.9282311		-0.05	-0.76	Excellent
4037	06/24/21 02:00:00	6.11	25.12					6.068798166	73.50950525		-0.04	-0.67	Excellent
4038	06/24/21 02:30:00	6.09	25.12					6.054043776	73.33078982		-0.04	-0.59	Excellent
4039	06/24/21 03:00:00	6.05	25.12					6.019357116	72.91064087		-0.03	-0.51	Excellent
4040	06/24/21 03:30:00	6.05	25.10					6.024434291	72.94529758		-0.03	-0.42	Excellent
4041	06/24/21 04:00:00	6.32	25.14					6.298597102	76.3210553		-0.02	-0.34	Excellent
4042	06/24/21 04:30:00	6.27	25.12					6.254028228	75.75314062		-0.02	-0.25	Excellent
4043	06/24/21 05:00:00	6.19	25.10					6.179426678	74.82198263		-0.01	-0.17	Excellent
4044	06/24/21 05:30:00	6.18	25.10					6.17463003	74.76390367		-0.01	-0.09	Excellent
4045	06/24/21 06:00:00	6.07	25.08					6.069819571	73.46779197		0.00	0.00	Excellent
4046	06/24/21 06:30:00	6.06	25.02					6.064905435	73.32726733		0.00	0.08	Excellent
4047	06/24/21 07:00:00	6.05	25.02					6.059974515	73.26765043		0.01	0.16	Excellent
4048	06/24/21 07:30:00	6.08	25.02					6.095126327	73.69265067		0.02	0.25	Excellent
4049	06/24/21 08:00:00	6.00	25.00					6.019962511	72.75707814		0.02	0.33	Excellent
4050	06/24/21 08:30:00	6.03	25.00					6.055122714	73.18202326		0.03	0.42	Excellent
4051	06/24/21 09:00:00	5.97	25.04					5.999882776	72.56783903		0.03	0.50	Excellent

4052	06/24/21 09:30:00	6.03	25.08					6.065243496	73.41240414			0.04	0.58	Excellent
4053	06/24/21 10:00:00	6.09	25.14					6.13070492	74.2866803			0.04	0.67	Excellent
4054	06/24/21 10:30:00	6.03	25.22					6.075364277	73.72441552			0.05	0.75	Excellent
4055	06/24/21 11:00:00	6.20	25.28					6.251846259	75.94963481			0.05	0.84	Excellent
4056	06/24/21 11:30:00	6.19	25.26					6.2469573	75.86239001			0.06	0.92	Excellent
4057	06/24/21 12:00:00	5.98	25.26					6.040043415	73.34964964			0.06	1.00	Excellent
4058	06/24/21 12:30:00	6.03	25.26					6.095605841	74.02439387			0.07	1.09	Excellent
4059	06/24/21 13:00:00	5.97	25.28					6.039963085	73.37560323			0.07	1.17	Excellent
4060	06/24/21 13:30:00	5.94	25.28					6.014596374	73.06743948			0.07	1.26	Excellent
4061	06/24/21 14:00:00	6.07	25.34					6.151322914	74.81073262			0.08	1.34	Excellent
4062	06/24/21 14:30:00	5.91	25.38					5.994138998	72.95257437			0.08	1.42	Excellent
4063	06/24/21 15:00:00	6.39	25.44					6.486335126	79.02973153			0.10	1.51	Excellent
4064	06/24/21 15:30:00	6.39	25.40					6.49169763	79.03714491			0.10	1.59	Excellent
4065	06/24/21 16:00:00	6.41	25.46					6.51739522	79.43724895			0.11	1.68	Excellent
4066	06/24/21 16:30:00	6.38	25.40					6.492246702	79.04382993			0.11	1.76	Excellent
4067	06/24/21 17:00:00	6.32	25.42					6.43649485	78.39375915			0.12	1.84	Excellent
4068	06/24/21 17:30:00	6.38	25.42					6.502954925	79.20321449			0.12	1.93	Excellent
4069	06/24/21 18:00:00	6.78	25.58					6.916353491	84.48516807			0.14	2.01	Excellent
4070	06/24/21 18:30:00	6.73	25.58					6.870995767	83.93111095			0.14	2.10	Excellent
4071	06/24/21 19:00:00	6.87	25.58					7.019694135	85.74750258			0.15	2.18	Excellent
4072	06/24/21 19:30:00	6.91	25.56					7.066364605	86.28604932			0.16	2.26	Excellent
4073	06/24/21 20:00:00	6.78	25.58					6.939112662	84.76317763			0.16	2.35	Excellent
4074	06/24/21 20:30:00	6.78	25.54					6.944802454	84.77067616			0.16	2.43	Excellent
4075	06/24/21 21:00:00	6.08	25.34					6.232889803	75.80272715			0.15	2.51	Excellent
4076	06/24/21 21:30:00	6.53	25.40					6.699685652	81.56942235			0.17	2.60	Excellent
4077	06/24/21 22:00:00	6.29	25.32					6.458727703	78.52050332			0.17	2.68	Excellent
4078	06/24/21 22:30:00	6.23	25.38					6.402346449	77.92072483			0.17	2.77	Excellent
4079	06/24/21 23:00:00	6.14	25.36					6.315009396	76.82960857			0.18	2.85	Excellent
4080	06/24/21 23:30:00	6.08	25.34				6.641	6.258401557	76.11299424		6.905	0.18	2.93	Excellent
4081	06/25/21 00:00:00	5.82	25.26	5.42	7.04	6.19521		5.995656702	72.81062208	6.508		0.18	3.02	Excellent
4082	06/25/21 00:30:00	5.89	25.30					6.072712314	73.80052985			0.18	3.10	Excellent
4083	06/25/21 01:00:00	5.46	25.26					5.63395543	68.41816001			0.17	3.19	Excellent
4084	06/25/21 01:30:00	5.62	25.24					5.803769342	70.45448842			0.18	3.27	Excellent
4085	06/25/21 02:00:00	5.73	25.22					5.922174881	71.86546548			0.19	3.35	Excellent
4086	06/25/21 02:30:00	5.89	25.24					6.092483924	73.95932069			0.20	3.44	Excellent
4087	06/25/21 03:00:00	5.69	25.24					5.89038347	71.50593511			0.20	3.52	Excellent
4088	06/25/21 03:30:00	5.79	25.24					5.998764131	72.82161523			0.21	3.61	Excellent
4089	06/25/21 04:00:00	5.69	25.22					5.899933594	71.59556794			0.21	3.69	Excellent
4090	06/25/21 04:30:00	5.68	25.22					5.894331313	71.52758437			0.21	3.77	Excellent
4091	06/25/21 05:00:00	5.42	25.20					5.62906885	68.28353934			0.21	3.86	Excellent
4092	06/25/21 05:30:00	5.73	25.22					5.955835292	72.27393384			0.23	3.94	Excellent
4093	06/25/21 06:00:00	5.75	25.22					5.981448962	72.58475518			0.23	4.03	Excellent
4094	06/25/21 06:30:00	5.80	25.22					6.038328936	73.27499245			0.24	4.11	Excellent
4095	06/25/21 07:00:00	5.88	25.22					6.126550742	74.34556218			0.25	4.19	Excellent
4096	06/25/21 07:30:00	5.94	25.22					6.194051429	75.16468156			0.25	4.28	Excellent
4097	06/25/21 08:00:00	6.02	25.24					6.282524996	76.26631218			0.26	4.36	Excellent
4098	06/25/21 08:30:00	5.88	25.26					6.141354274	74.57995801			0.26	4.44	Excellent
4099	06/25/21 09:00:00	5.93	25.26					6.198553144	75.27457506			0.27	4.53	Excellent
4100	06/25/21 09:30:00	5.90	25.28					6.172145823	74.98140578			0.27	4.61	Excellent
4101	06/25/21 10:00:00	5.98	25.30					6.260854366	76.08698481			0.28	4.70	Excellent
4102	06/25/21 10:30:00	5.97	25.38					6.255394749	76.13222696			0.29	4.78	Excellent
4103	06/25/21 11:00:00	6.06	25.42					6.354782749	77.39854065			0.29	4.86	Excellent
4104	06/25/21 11:30:00	6.02	25.48					6.317888987	77.03376034			0.30	4.95	Excellent
4105	06/25/21 12:00:00	6.16	25.46					6.469986125	78.85940337			0.31	5.03	Good
4106	06/25/21 12:30:00	6.09	25.50					6.401574299	78.0827002			0.31	5.12	Good
4107	06/25/21 13:00:00	6.41	25.56					6.743325307	82.34147719			0.33	5.20	Good
4108	06/25/21 13:30:00	6.58	25.64					6.927687399	84.71641154			0.35	5.28	Good
4109	06/25/21 14:00:00	6.70	25.72					7.05965086	86.4562733			0.36	5.37	Good
4110	06/25/21 14:30:00	6.75	25.70					7.117999438	87.13904556			0.37	5.45	Good
4111	06/25/21 15:00:00	6.63	25.70					6.997021138	85.65802078			0.37	5.54	Good
4112	06/25/21 15:30:00	6.70	25.66					7.076518829	86.56802438			0.38	5.62	Good
4113	06/25/21 16:00:00	6.51	25.74					6.881304637	84.30289086			0.37	5.70	Good
4114	06/25/21 16:30:00	6.84	25.68					7.235866676	88.54966507			0.40	5.79	Good
4115	06/25/21 17:00:00	6.90	25.76					7.305129688	89.52781059			0.41	5.87	Good
4116	06/25/21 17:30:00	6.71	25.70					7.109604991	87.03628016			0.40	5.96	Good
4117	06/25/21 18:00:00	6.75	25.74					7.157651754	87.68842051			0.41	6.04	Good
4118	06/25/21 18:30:00	6.91	25.78					7.333113499	89.9035306			0.42	6.12	Good
4119	06/25/21 19:00:00	7.04	25.80					7.476981652	91.70075644			0.44	6.21	Good
4120	06/25/21 19:30:00	6.78	25.74					7.206532918	88.28726384			0.43	6.29	Good
4121	06/25/21 20:00:00	6.67	25.64					7.095210248	86.76499337			0.43	6.37	Good
4122	06/25/21 20:30:00	6.41	25.56					6.824014623	83.32675926			0.41	6.46	Good
4123	06/25/21 21:00:00	6.45	25.52					6.872011034	83.85148573			0.42	6.54	Good
4124	06/25/21 21:30:00	6.47	25.56					6.898749235	84.23932955			0.43	6.63	Good
4125	06/25/21 22:00:00	6.26	25.58					6.680086516	81.59910172			0.42	6.71	Good
4126	06/25/21 22:30:00	6.40	25.48					6.834852317	83.33707295			0.43	6.79	Good
4127	06/25/21 23:00:00	6.56	25.56					7.011228794	85.61279629			0.45	6.88	Good
4128	06/25/21 23:30:00	6.15	25.52				6.389	6.578188089	80.26629206		6.659	0.43	6.96	Good
4129	06/26/21 00:00:00	5.97	25.46	4.37	6.89	5.91396		6.390665793	77.89260778	6.453		0.42	7.05	Good
4130	06/26/21 00:30:00	5.70	25.42					6.106424161	74.37363909			0.41	7.13	Good
4131	06/26/21 01:00:00	5.65	25.38					6.057600531	73.72494254			0.41	7.21	Good
4132	06/26/21 01:30:00	5.29	25.30					5.676068905	68.98019715			0.39	7.30	Good
4133	06/26/21 02:00:00	5.08	25.28					5.455006066	66.26933892			0.38	7.38	Good
4134	06/26/21 02:30:00	4.57	25.28					4.911192975	59.66290556			0.34	7.47	Good
4135	06/26/21 03:00:00	5.72	25.28					6.151851401	74.73486198			0.43	7.55	Good
4136	06/26/21 03:30:00	5.30	25.28					5.704589806	69.30137027			0.40	7.63	Good
4137	06/26/21 04:00:00	5.67	25.32					6.107593032	74.25166395			0.44	7.72	Good
4138	06/26/21 04:30:00	5.50	25.30					5.929088573	72.05509756			0.43	7.80	Good
4139	06/26/21 05:00:00	5.08	25.28					5.480584957	66.58008031			0.40	7.89	Good
4140	06/26/21 05:30:00	4.37	25.26					4.718265005	57.29811215			0.35	7.97	Good
4141	06/26/21 06:00:00	4.44	25.28					4.797569679	58.28256966			0.36	8.05	Good
4142	06/26/21 06:30:00	5.35	25.28					5.78534509	70.28241396			0.44	8.14	Good
4143	06/26/21 07:00:00	5.57	25.28					6.027921489	73.22931766			0.46	8.22	Good
4144	06/26/21 07:30:00	5.56	25.24					6.021765333	73.10083686			0.46	8.31	Good
4145	06/26/21 08:00:00	5.52	25.24					5.983075678	72.63116626			0.46	8.39	Good
4146	06/26/21 08:30:00	5.58	25.22					6.052791859	73.45049971			0.47	8.47	Good
4147	06/26/21 09:00:00	5.46	25.20					5.927206337	71.90010248			0.47	8.56	Good
4148	06/26/21 09:30:00	5.50	25.20					5.975244708	72.48283295			0.48	8.64	Good
4149	06/26/21 10:00:00	5.61	25.22					6.099457528	74.0167866			0.49	8.72	Good
4150	06/26/21 10:30:00	5.71	25.26					6.212974107	75.44970171			0.50	8.81	Good
4151	06/26/21 11:00:00	5.38	25.28					5.85842046	71.17015935			0.48	8.89	Good
4152	06/26/21 11:30:00	5.75	25.32					6.266148397	76.17926449			0.52	8.98	Fair
4153	06/26/21 12:00:00	5.91	25.30					6.445470474	78.33058961			0.54	9.06	Fair
4154	06/26/21 12:30:00	5.88	25.36					6.41768686	78.07880218			0.54	9.14	Fair
4155	06/26/21 13:00:00	5.91	25.42					6.455389847	78.62389214			0.55	9.23	Fair
4156	06/26/21 13:30:00	6.00	25.36					6.558730491	79.79476588			0.56	9.31	Fair
4157	06/26/21 14:00:00	6.11	25.34					6.68410141	81.2902412			0.57	9.40	Fair
4158	06/26/21 14:30:00	6.16	25.32					6.743968945	81.98825841			0.58	9.48	Fair
4159	06/26/21 15:00:00	6.23	25.32					6.825833187	82.98350419			0.60	9.56	Fair
4160	06/26/21 15:30:00	6.21	25.32					6.809131847	82.78046147			0.60	9.65	Fair
4161	06/26/21 16:00:00	6.33	25.32					6.946021425	84.44466518			0.62	9.73	Fair
4162	06/26/21 16:30:00	6.39	25.36					7.017222995	85.37287313			0.63	9.82	Fair
4163	06/26/21 17:00:00	6.57	25.34					7.220404808	87.8126187			0.65	9.90	Fair
4164	06/26/21 17:30:00	6.72	25.34					7.390893674	89.88605836			0.67	9.98	Fair
4165	06/26/21 18:00:00	6.70	25.28					7.374519623	89.58826705			0.67	10.07	Fair
4166	06/26/21 18:30:00	6.77	25.28					7.457248243	90.59328353			0.69	10.15	Fair
4167	06/26/21 19:00:00	6.69	25.30					7.374741406	89.62384436			0.68	10.24	Fair

4168	06/26/21 19:30:00	6.69	25.34					7.380355671	89.75789801			0.69	10.32	Fair
4169	06/26/21 20:00:00	6.75	25.28					7.452211818	90.53209926			0.70	10.40	Fair
4170	06/26/21 20:30:00	6.66	25.28					7.358438082	89.39290282			0.70	10.49	Fair
4171	06/26/21 21:00:00	6.75	25.18					7.463541051	90.50337862			0.71	10.57	Fair
4172	06/26/21 21:30:00	6.89	25.18					7.624122526	92.45059991			0.73	10.65	Fair
4173	06/26/21 22:00:00	6.62	25.14					7.33090982	88.82974489			0.71	10.74	Fair
4174	06/26/21 22:30:00	6.49	25.08					7.192395779	87.05521321			0.70	10.82	Fair
4175	06/26/21 23:00:00	6.54	25.12					7.253295532	87.85696138			0.71	10.91	Fair
4176	06/26/21 23:30:00	6.57	25.12				6.210	7.29208109	88.32675904		6.513	0.72	10.99	Fair
4177	06/27/21 00:00:00	6.61	25.12	5.13	7.19	6.37833		7.342024451	88.93170776	7.214		0.73	11.07	Fair
4178	06/27/21 00:30:00	6.51	25.12					7.236413159	87.65247032			0.73	11.16	Fair
4179	06/27/21 01:00:00	6.28	25.06					6.986018984	84.52615225			0.71	11.24	Fair
4180	06/27/21 01:30:00	6.15	25.06					6.846565036	82.83885285			0.70	11.33	Fair
4181	06/27/21 02:00:00	6.18	25.06					6.885149185	83.30569523			0.71	11.41	Fair
4182	06/27/21 02:30:00	5.96	25.04					6.645048434	80.37103776			0.69	11.49	Fair
4183	06/27/21 03:00:00	5.93	25.04					6.616576674	80.02667535			0.69	11.58	Fair
4184	06/27/21 03:30:00	5.97	25.04					6.666217921	80.62708009			0.70	11.66	Fair
4185	06/27/21 04:00:00	5.97	25.04					6.67122796	80.68767588			0.70	11.75	Fair
4186	06/27/21 04:30:00	5.72	24.98					6.396663543	77.2813895			0.68	11.83	Fair
4187	06/27/21 05:00:00	5.29	24.94					5.920234861	71.47268792			0.63	11.91	Fair
4188	06/27/21 05:30:00	5.13	24.90					5.745478045	69.31176082			0.62	12.00	Fair
4189	06/27/21 06:00:00	5.95	24.92					6.668851806	80.48075843			0.72	12.08	Fair
4190	06/27/21 06:30:00	5.99	24.98					6.718711246	81.1722138			0.73	12.17	Fair
4191	06/27/21 07:00:00	5.98	24.96					6.712513131	81.06744165			0.73	12.25	Fair
4192	06/27/21 07:30:00	5.91	24.94					6.638898249	80.14883089			0.73	12.33	Fair
4193	06/27/21 08:00:00	6.01	24.92					6.756275159	81.53579728			0.75	12.42	Fair
4194	06/27/21 08:30:00	5.95	24.90					6.69381808	80.75225665			0.74	12.50	Fair
4195	06/27/21 09:00:00	6.16	24.92					6.935239969	83.69557292			0.78	12.59	Fair
4196	06/27/21 09:30:00	6.04	24.92					6.805206675	82.12631055			0.77	12.67	Fair
4197	06/27/21 10:00:00	6.11	24.98					6.889202491	83.23200641			0.78	12.75	Fair
4198	06/27/21 10:30:00	6.25	25.02					7.052301574	85.26530353			0.80	12.84	Fair
4199	06/27/21 11:00:00	6.41	25.06					7.238219782	87.57761305			0.83	12.92	Poor
4200	06/27/21 11:30:00	6.34	25.12					7.164495803	86.78135729			0.82	13.00	Poor
4201	06/27/21 12:00:00	6.42	25.20					7.260287216	88.07106841			0.84	13.09	Poor
4202	06/27/21 12:30:00	6.48	25.22					7.333578399	88.99281697			0.85	13.17	Poor
4203	06/27/21 13:00:00	6.58	25.26					7.452272858	90.49961492			0.87	13.26	Poor
4204	06/27/21 13:30:00	6.81	25.30					7.718477607	93.80120572			0.91	13.34	Poor
4205	06/27/21 14:00:00	6.58	25.32					7.463316762	90.7335648			0.88	13.42	Poor
4206	06/27/21 14:30:00	6.72	25.36					7.627750176	92.80066324			0.91	13.51	Poor
4207	06/27/21 15:00:00	6.75	25.42					7.667467249	93.3864774			0.92	13.59	Poor
4208	06/27/21 15:30:00	6.72	25.44					7.639029057	93.07419425			0.92	13.68	Poor
4209	06/27/21 16:00:00	6.72	25.38					7.644668498	93.04059303			0.92	13.76	Poor
4210	06/27/21 16:30:00	6.81	25.40					7.75276742	94.39081069			0.94	13.84	Poor
4211	06/27/21 17:00:00	7.14	25.44					8.13444409	99.11034815			0.99	13.93	Poor
4212	06/27/21 17:30:00	6.75	25.28					7.695790332	93.49117701			0.95	14.01	Poor
4213	06/27/21 18:00:00	7.10	25.28					8.10078965	98.41125166			1.00	14.10	Poor
4214	06/27/21 18:30:00	6.99	25.36					7.981150483	97.10019877			0.99	14.18	Poor
4215	06/27/21 19:00:00	7.19	25.48					8.215543447	100.1717831			1.03	14.26	Poor
4216	06/27/21 19:30:00	6.94	25.48					7.935708839	96.75977119			1.00	14.35	Poor
4217	06/27/21 20:00:00	6.71	25.30					7.678340891	93.31343177			0.97	14.43	Poor
4218	06/27/21 20:30:00	6.90	25.28					7.901550877	95.99082873			1.00	14.52	Poor
4219	06/27/21 21:00:00	6.91	25.32					7.918801289	96.27101365			1.01	14.60	Poor
4220	06/27/21 21:30:00	6.74	25.28					7.729638958	93.90238207			0.99	14.68	Poor
4221	06/27/21 22:00:00	6.54	25.08					7.505761201	90.84812095			0.97	14.77	Poor
4222	06/27/21 22:30:00	6.46	25.12					7.419368856	89.868557			0.96	14.85	Poor
4223	06/27/21 23:00:00	6.10	25.06					7.011024711	84.82870481			0.91	14.93	Poor
4224	06/27/21 23:30:00	6.30	25.10				6.112	7.246181349	87.73850445		6.483	0.95	15.02	Poor
4225	06/28/21 00:00:00	6.30	25.14	5.22	7.76	6.41604		7.251468325	87.86714027	7.514		0.95	15.10	Poor
4226	06/28/21 00:30:00	5.70	25.02					6.565635748	79.38130823			0.87	15.19	Poor
4227	06/28/21 01:00:00	5.47	25.00					6.305297024	76.20562212			0.84	15.27	Poor
4228	06/28/21 01:30:00	5.49	25.18					6.332958348	76.79386008			0.84	15.35	Poor
4229	06/28/21 02:00:00	5.78	25.22					6.672336792	80.96866422			0.89	15.44	Poor
4230	06/28/21 02:30:00	5.55	25.14					6.411486154	77.68894905			0.86	15.52	Poor
4231	06/28/21 03:00:00	5.91	25.22					6.832326024	82.91013012			0.92	15.61	Poor
4232	06/28/21 03:30:00	5.51	25.20					6.374525256	77.32631413			0.86	15.69	Poor
4233	06/28/21 04:00:00	5.74	25.22					6.64542954	80.64214528			0.91	15.77	Poor
4234	06/28/21 04:30:00	5.65	25.28					6.545974403	79.52280731			0.90	15.86	Poor
4235	06/28/21 05:00:00	6.33	25.30					7.339120642	89.19095192			1.01	15.94	Poor
4236	06/28/21 05:30:00	6.68	25.34					7.750523075	94.25977428			1.07	16.03	Poor
4237	06/28/21 06:00:00	6.76	25.36					7.849016719	95.49263419			1.09	16.11	Poor
4238	06/28/21 06:30:00	6.66	25.42					7.738496092	94.25157838			1.08	16.19	Poor
4239	06/28/21 07:00:00	6.51	25.42					7.569668848	92.19533463			1.06	16.28	Poor
4240	06/28/21 07:30:00	6.25	25.38					7.27259222	88.51218247			1.02	16.36	Poor
4241	06/28/21 08:00:00	6.45	25.36					7.510728026	91.37694945			1.06	16.45	Poor
4242	06/28/21 08:30:00	6.43	25.38					7.492835019	91.19268074			1.06	16.53	Poor
4243	06/28/21 09:00:00	6.68	25.42					7.789764182	94.87600182			1.11	16.61	Poor
4244	06/28/21 09:30:00	6.84	25.44					7.982085504	97.25400587			1.14	16.70	Poor
4245	06/28/21 10:00:00	6.90	25.46					8.057894295	98.21361657			1.16	16.78	Poor
4246	06/28/21 10:30:00	6.81	25.52					7.958506295	97.10877555			1.15	16.86	Poor
4247	06/28/21 11:00:00	6.45	25.60					7.543205162	92.17601195			1.09	16.95	Poor
4248	06/28/21 11:30:00	6.70	25.68					7.841200111	95.95749544			1.14	17.03	Poor
4249	06/28/21 12:00:00	6.43	25.68					7.530607522	92.15658658			1.10	17.12	Poor
4250	06/28/21 12:30:00	6.11	25.72					7.160961424	87.69697685			1.05	17.20	Poor
4251	06/28/21 13:00:00	7.09	25.70					8.315478014	101.7986618			1.23	17.28	Poor
4252	06/28/21 13:30:00	6.77	25.78					7.9458487	97.41562732			1.18	17.37	Poor
4253	06/28/21 14:00:00	6.23	25.48					7.317286932	89.21937834			1.09	17.45	Poor
4254	06/28/21 14:30:00	6.51	25.52					7.651616968	93.36414739			1.14	17.54	Poor
4255	06/28/21 15:00:00	6.57	25.62					7.727652344	94.46441278			1.16	17.62	Poor
4256	06/28/21 15:30:00	6.87	25.82					8.086278502	99.20955856			1.22	17.70	Poor
4257	06/28/21 16:00:00	7.46	26.22					8.786993729	108.5926347			1.33	17.79	Poor
4258	06/28/21 16:30:00	7.01	26.24					8.26283	102.1518364			1.25	17.87	Poor
4259	06/28/21 17:00:00	7.24	26.16					8.540011518	105.4256605			1.30	17.96	Poor
4260	06/28/21 17:30:00	7.63	26.36					9.006442877	111.5869998			1.38	18.04	Poor
4261	06/28/21 18:00:00	7.76	26.36					9.166406933	113.5689042			1.41	18.12	Poor
4262	06/28/21 18:30:00	7.28	26.16					8.605522083	106.2343824			1.33	18.21	Poor
4263	06/28/21 19:00:00	6.95	26.24					8.221269061	101.6380262			1.27	18.29	Poor
4264	06/28/21 19:30:00	7.12	26.08					8.428339973	103.8962188			1.31	18.38	Poor
4265	06/28/21 20:00:00	6.76	26.12					8.007860961	98.78463415			1.25	18.46	Poor
4266	06/28/21 20:30:00	6.28	25.66					7.44452564	91.06990212			1.16	18.54	Poor
4267	06/28/21 21:00:00	6.04	25.56					7.165090258	87.4915697			1.13	18.63	Poor
4268	06/28/21 21:30:00	6.01	25.78					7.134545668	87.46910093			1.12	18.71	Poor
4269	06/28/21 22:00:00	5.79	25.60					6.878239917	84.05030902			1.09	18.80	Poor
4270	06/28/21 22:30:00	5.62	25.50					6.681004459	81.49102766			1.06	18.88	Poor
4271	06/28/21 23:00:00	5.67	25.50					6.745202278	82.27407552			1.08	18.96	Poor
4272	06/28/21 23:30:00	5.22	25.40				6.086	6.214249401	75.65918169		6.558	0.99	19.05	Poor
4273	06/29/21 00:00:00	4.53	25.50	4.18	7.82	6.18316		5.396627217	65.82493702	6.300		0.87	19.13	Poor
4274	06/29/21 00:30:00	4.58	25.54					5.460036186	66.64710226			0.88	19.21	Poor
4275	06/29/21 01:00:00	4.18	25.50					4.986684996	60.82469896			0.81	19.30	Poor
4276	06/29/21 01:30:00	4.26	25.52					5.085698946	62.05511175			0.83	19.38	Poor
4277	06/29/21 02:00:00	4.65	25.56					5.555193395	67.83342185			0.91	19.47	Poor
4278	06/29/21 02:30:00	4.89	25.60					5.846016754	71.4368095			0.96	19.55	Poor
4279	06/29/21 03:00:00	4.89	25.64					5.850120454	71.53919964			0.96	19.63	Poor
4280	06/29/21 03:30:00	4.89	25.68					5.854224154	71.64167214			0.96	19.72	Poor
4281	06/29/21 04:00:00	5.18	25.68					6.20575425	75.94355797			1.03	19.80	Poor
4282	06/29/21 04:30:00	4.90	25.70					5.874420167	71.91506139			0.97	19.89	Poor
4283	06/29/21 05:00:00	4.67	25.66					5.602601153	68.53738751			0.93	19.97	Poor

4284	06/29/21 05:30:00													EXCEEDS MAX
4285	06/29/21 06:00:00													EXCEEDS MAX
4286	06/29/21 06:30:00													EXCEEDS MAX
4287	06/29/21 07:00:00													EXCEEDS MAX
4288	06/29/21 07:30:00													EXCEEDS MAX
4289	06/29/21 08:00:00													EXCEEDS MAX
4290	06/29/21 08:30:00													EXCEEDS MAX
4291	06/29/21 09:00:00													EXCEEDS MAX
4292	06/29/21 09:30:00													EXCEEDS MAX
4293	06/29/21 10:00:00													EXCEEDS MAX
4294	06/29/21 10:30:00	6.67	25.98					6.446310976	79.76698881			-0.22	-3.35	Excellent
4295	06/29/21 11:00:00	6.56	25.80					6.34	78.19480714			-0.22	-3.35	Excellent
4296	06/29/21 11:30:00	6.48	25.80					6.26414788	77.25928003			-0.22	-3.33	Excellent
4297	06/29/21 12:00:00	6.23	25.72					6.023883943	74.1876376			-0.21	-3.31	Excellent
4298	06/29/21 12:30:00	6.26	25.70					6.054306627	74.53509704			-0.21	-3.29	Excellent
4299	06/29/21 13:00:00	7.36	26.02					7.119826321	88.16519118			-0.24	-3.26	Excellent
4300	06/29/21 13:30:00	7.34	26.46					7.102138343	88.65013648			-0.24	-3.24	Excellent
4301	06/29/21 14:00:00	7.07	26.36					6.842486359	85.2548515			-0.23	-3.22	Excellent
4302	06/29/21 14:30:00	7.15	26.10					6.921528369	85.834297			-0.23	-3.20	Excellent
4303	06/29/21 15:00:00	6.75	26.32					6.535835992	81.37517992			-0.21	-3.17	Excellent
4304	06/29/21 15:30:00	7.18	26.42					6.953816156	86.73603508			-0.23	-3.15	Excellent
4305	06/29/21 16:00:00	7.60	26.60					7.362303501	92.13006599			-0.24	-3.13	Excellent
4306	06/29/21 16:30:00	6.54	26.36					6.336934425	78.95586122			-0.20	-3.10	Excellent
4307	06/29/21 17:00:00	7.72	26.80					7.482040966	93.96624205			-0.24	-3.08	Excellent
4308	06/29/21 17:30:00	7.82	26.92					7.580726486	95.4111353			-0.24	-3.06	Excellent
4309	06/29/21 18:00:00	7.59	27.00					7.359479836	92.7595922			-0.23	-3.04	Excellent
4310	06/29/21 18:30:00	6.89	27.08					6.682297574	84.34519281			-0.21	-3.01	Excellent
4311	06/29/21 19:00:00	7.21	26.56					6.994281003	87.46159943			-0.22	-2.99	Excellent
4312	06/29/21 19:30:00	7.16	26.72					6.947395657	87.12617913			-0.21	-2.97	Excellent
4313	06/29/21 20:00:00	6.58	26.76					6.386105357	80.14480366			-0.19	-2.95	Excellent
4314	06/29/21 20:30:00	6.99	26.68					6.785604026	85.03590278			-0.20	-2.92	Excellent
4315	06/29/21 21:00:00	6.98	26.46					6.777474428	84.59762454			-0.20	-2.90	Excellent
4316	06/29/21 21:30:00	5.73	26.02					5.565038732	68.91217308			-0.16	-2.88	Excellent
4317	06/29/21 22:00:00	5.89	25.88					5.721764054	70.67268792			-0.17	-2.86	Excellent
4318	06/29/21 22:30:00	5.81	25.96					5.645362577	69.83060683			-0.16	-2.83	Excellent
4319	06/29/21 23:00:00	5.89	26.04					5.724427194	70.91165628			-0.17	-2.81	Excellent
4320	06/29/21 23:30:00	5.89	26.20				6.142	5.725758765	71.13442065		6.586	-0.16	-2.79	Excellent
4321	06/30/21 00:00:00	5.81	26.12	5.67	8.10	6.70854		5.64930303	70.08279093	6.560		-0.16	-2.77	Excellent
4322	06/30/21 00:30:00	6.27	26.16					6.097997511	75.70402383			-0.17	-2.74	Excellent
4323	06/30/21 01:00:00	6.09	26.16					5.924312167	73.54779476			-0.17	-2.72	Excellent
4324	06/30/21 01:30:00	5.87	26.18					5.711624654	70.93309631			-0.16	-2.70	Excellent
4325	06/30/21 02:00:00	5.93	26.18					5.771346439	71.67478565			-0.16	-2.68	Excellent
4326	06/30/21 02:30:00	6.04	26.26					5.879768937	73.12724911			-0.16	-2.65	Excellent
4327	06/30/21 03:00:00	5.83	26.24					5.67665789	70.57556009			-0.15	-2.63	Excellent
4328	06/30/21 03:30:00	5.76	26.32					5.609801228	69.84547728			-0.15	-2.61	Excellent
4329	06/30/21 04:00:00	6.07	26.36					5.913089877	73.67491478			-0.16	-2.59	Excellent
4330	06/30/21 04:30:00	6.02	26.40					5.865743342	73.13788436			-0.15	-2.56	Excellent
4331	06/30/21 05:00:00	6.12	26.44					5.964564505	74.4238413			-0.16	-2.54	Excellent
4332	06/30/21 05:30:00	5.67	26.44					5.52727542	68.96749432			-0.14	-2.52	Excellent
4333	06/30/21 06:00:00	5.85	26.44					5.704067008	71.17344064			-0.15	-2.49	Excellent
4334	06/30/21 06:30:00	6.23	26.40					6.075996035	75.75945102			-0.15	-2.47	Excellent
4335	06/30/21 07:00:00	7.25	26.92					7.072420932	89.01359411			-0.18	-2.45	Excellent
4336	06/30/21 07:30:00	6.99	26.96					6.820369535	85.90292707			-0.17	-2.43	Excellent
4337	06/30/21 08:00:00	6.85	26.92					6.685315598	84.14148067			-0.16	-2.40	Excellent
4338	06/30/21 08:30:00	6.88	26.78					6.716149735	84.31715116			-0.16	-2.38	Excellent
4339	06/30/21 09:00:00	6.51	26.58					6.356433185	79.51416625			-0.15	-2.36	Excellent
4340	06/30/21 09:30:00	6.25	26.48					6.103979379	76.21847146			-0.15	-2.34	Excellent
4341	06/30/21 10:00:00	6.07	26.42					5.929557036	73.96029109			-0.14	-2.31	Excellent
4342	06/30/21 10:30:00	6.04	26.32					5.901616634	73.47875865			-0.14	-2.29	Excellent
4343	06/30/21 11:00:00	6.12	26.26					5.981167308	74.38835036			-0.14	-2.27	Excellent
4344	06/30/21 11:30:00	6.98	26.38					6.823236129	85.04576105			-0.16	-2.25	Excellent
4345	06/30/21 12:00:00	7.22	26.90					7.059478214	88.81879277			-0.16	-2.22	Excellent
4346	06/30/21 12:30:00	7.17	26.70					7.012210804	87.90735429			-0.16	-2.20	Excellent
4347	06/30/21 13:00:00	7.63	27.14					7.463812585	94.31090803			-0.17	-2.18	Excellent
4348	06/30/21 13:30:00	7.45	27.36					7.289417371	92.47024523			-0.16	-2.16	Excellent
4349	06/30/21 14:00:00	7.10	27.18					6.94856664	87.86326541			-0.15	-2.13	Excellent
4350	06/30/21 14:30:00	6.29	26.90					6.15726484	77.46759934			-0.13	-2.11	Excellent
4351	06/30/21 15:00:00	6.71	26.92					6.56991871	82.68909374			-0.14	-2.09	Excellent
4352	06/30/21 15:30:00	6.98	27.12					6.835860046	86.34532834			-0.14	-2.07	Excellent
4353	06/30/21 16:00:00	8.10	28.20					7.934562764	102.1665717			-0.17	-2.04	Excellent
4354	06/30/21 16:30:00	8.09	28.10					7.926595938	101.8838099			-0.16	-2.02	Excellent
4355	06/30/21 17:00:00	7.84	28.40					7.68341792	99.28235867			-0.16	-2.00	Excellent
4356	06/30/21 17:30:00	8.03	28.66					7.871438567	102.1779847			-0.16	-1.97	Excellent
4357	06/30/21 18:00:00	7.29	27.86					7.147698777	91.48270972			-0.14	-1.95	Excellent
4358	06/30/21 18:30:00	6.76	27.66					6.629572661	84.55044311			-0.13	-1.93	Excellent
4359	06/30/21 19:00:00	6.78	27.48					6.650719556	84.54878711			-0.13	-1.91	Excellent
4360	06/30/21 19:30:00	7.79	27.86					7.643222074	97.82486478			-0.15	-1.88	Excellent
4361	06/30/21 20:00:00	7.27	28.08					7.134663381	91.67234781			-0.14	-1.86	Excellent
4362	06/30/21 20:30:00	6.86	28.22					6.733846706	86.73660151			-0.13	-1.84	Excellent
4363	06/30/21 21:00:00	6.37	27.70					6.254297741	79.82110022			-0.12	-1.82	Excellent
4364	06/30/21 21:30:00	7.05	27.74					6.923540294	88.42519488			-0.13	-1.79	Excellent
4365	06/30/21 22:00:00	6.29	27.54					6.178594829	78.63080003			-0.11	-1.77	Excellent
4366	06/30/21 22:30:00	7.26	27.98					7.13305599	91.48964866			-0.13	-1.75	Excellent
4367	06/30/21 23:00:00	7.06	27.98					6.938149145	88.98974417			-0.12	-1.73	Excellent
4368	06/30/21 23:30:00	7.12	27.92				6.289	6.998723225	89.67131724		6.700	-0.12	-1.70	Excellent
4369	07/01/21 00:00:00	6.72	28.04	5.58	6.79	6.35625		6.607055738	84.83313941	6.283		-0.11	-1.68	Excellent
4370	07/01/21 00:30:00	6.59	28.02					6.480730493	83.18170577			-0.11	-1.66	Excellent
4371	07/01/21 01:00:00	6.72	27.98					6.61009416	84.7820616			-0.11	-1.64	Excellent
4372	07/01/21 01:30:00	6.40	27.92					6.296774638	80.67758332			-0.10	-1.61	Excellent
4373	07/01/21 02:00:00	6.57	27.96					6.465518014	82.89833863			-0.10	-1.59	Excellent
4374	07/01/21 02:30:00	6.56	27.94					6.457160082	82.76184975			-0.10	-1.57	Excellent
4375	07/01/21 03:00:00	6.44	27.80					6.340497211	81.06507421			-0.10	-1.55	Excellent
4376	07/01/21 03:30:00	6.31	27.76					6.213932328	79.39050841			-0.10	-1.52	Excellent
4377	07/01/21 04:00:00	6.26	27.74					6.166108779	78.751527			-0.09	-1.50	Excellent
4378	07/01/21 04:30:00	6.16	27.74					6.069001248	77.51130134			-0.09	-1.48	Excellent
4379	07/01/21 05:00:00	6.23	27.70					6.139375606	78.35439499			-0.09	-1.45	Excellent
4380	07/01/21 05:30:00	6.22	27.78					6.130927245	78.35783871			-0.09	-1.43	Excellent
4381	07/01/21 06:00:00	6.13	27.78					6.043601907	77.24175553			-0.09	-1.41	Excellent
4382	07/01/21 06:30:00	6.12	27.78					6.035126417	77.13343243			-0.08	-1.39	Excellent
4383	07/01/21 07:00:00	6.12	27.80					6.036509984	77.17851039			-0.08	-1.36	Excellent
4384	07/01/21 07:30:00	6.16	27.80					6.077356907	77.70075001			-0.08	-1.34	Excellent
4385	07/01/21 08:00:00	6.12	27.78					6.039277117	77.18648149			-0.08	-1.32	Excellent
4386	07/01/21 08:30:00	6.23	27.82					6.149234651	78.64763678			-0.08	-1.30	Excellent
4387	07/01/21 09:00:00	6.76	27.92					6.673892016	85.5094092			-0.09	-1.27	Excellent
4388	07/01/21 09:30:00	6.73	28.00					6.645795623	85.27016334			-0.08	-1.25	Excellent
4389	07/01/21 10:00:00	6.68	27.96					6.597931381	84.59609094			-0.08	-1.23	Excellent
4390	07/01/21 10:30:00	6.47	27.70					6.391974075	81.5782082			-0.08	-1.21	Excellent
4391	07/01/21 11:00:00	6.79	27.84					6.709650023	85.84570717			-0.08	-1.18	Excellent
4392	07/01/21 11:30:00	6.74	27.82					6.661765434	85.20281595			-0.08	-1.16	Excellent
4393	07/01/21 12:00:00	6.76	27.78					6.683061538	85.4145282			-0.08	-1.14	Excellent
4394	07/01/21 12:30:00	6.67	27.78					6.595593773	84.29662471			-0.07	-1.12	Excellent
4395	07/01/21 13:00:00	6.74	27.84					6.666336631	85.29153984			-0.07	-1.09	Excellent
4396	07/01/21 13:30:00	6.61	27.76					6.53925178	83.54685826			-0.07	-1.07	Excellent
4397	07/01/21 14:00:00	6.62	27.78					6.550641351	83.72209912			-0.07	-1.05	Excellent
4398	07/01/21 14:30:00	6.75	27.88					6.680805316	85.53731585			-0.07	-1.03	Excellent
4399	07/01/21 15:00:00	6.37	27.76					6.306140806	80.56858335			-0.06	-1.00	Excellent

4400	07/01/21 15:30:00	6.40	27.64					6.337286924	80.79402816			-0.06	-0.98	Excellent
4401	07/01/21 16:00:00	6.76	27.76					6.695287567	85.54040434			-0.06	-0.96	Excellent
4402	07/01/21 16:30:00	6.28	27.62					6.221302271	79.28712883			-0.06	-0.93	Excellent
4403	07/01/21 17:00:00	6.13	27.52					6.074090114	77.27330815			-0.06	-0.91	Excellent
4404	07/01/21 17:30:00	5.96	27.48					5.906988028	75.09393067			-0.05	-0.89	Excellent
4405	07/01/21 18:00:00	6.00	27.54					5.947988682	75.69603147			-0.05	-0.87	Excellent
4406	07/01/21 18:30:00	6.24	27.66					6.187318924	78.91014753			-0.05	-0.84	Excellent
4407	07/01/21 19:00:00	6.20	27.72					6.149058276	78.50586595			-0.05	-0.82	Excellent
4408	07/01/21 19:30:00	6.25	27.74					6.200060412	79.18514617			-0.05	-0.80	Excellent
4409	07/01/21 20:00:00	6.25	27.84					6.201473369	79.34390989			-0.05	-0.78	Excellent
4410	07/01/21 20:30:00	6.28	27.84					6.23266018	79.74292531			-0.05	-0.75	Excellent
4411	07/01/21 21:00:00	6.20	27.84					6.154664887	78.74502512			-0.05	-0.73	Excellent
4412	07/01/21 21:30:00	5.84	27.70					5.798617515	74.00543578			-0.04	-0.71	Excellent
4413	07/01/21 22:00:00	5.91	27.76					5.869457584	74.98942651			-0.04	-0.69	Excellent
4414	07/01/21 22:30:00	5.58	27.78					5.542982861	70.84346945			-0.04	-0.66	Excellent
4415	07/01/21 23:00:00	6.02	27.82					5.981424906	76.50137947			-0.04	-0.64	Excellent
4416	07/01/21 23:30:00	6.05	27.84				6.311	6.012600413	76.92740048		6.702	-0.04	-0.62	Excellent
4417	07/02/21 00:00:00	6.02	27.86	5.09	6.02	5.61250		5.984146825	76.59052012	5.609		-0.04	-0.60	Excellent
4418	07/02/21 00:30:00	5.96	27.86					5.925851561	75.84440463			-0.03	-0.57	Excellent
4419	07/02/21 01:00:00	5.92	27.84					5.887419098	75.32578511			-0.03	-0.55	Excellent
4420	07/02/21 01:30:00	5.83	27.82					5.799232421	74.17116941			-0.03	-0.53	Excellent
4421	07/02/21 02:00:00	5.92	27.82					5.890095802	75.33329618			-0.03	-0.51	Excellent
4422	07/02/21 02:30:00	5.66	27.80					5.632688736	72.01553998			-0.03	-0.48	Excellent
4423	07/02/21 03:00:00	5.84	27.80					5.813140446	74.32266682			-0.03	-0.46	Excellent
4424	07/02/21 03:30:00	5.79	27.80					5.764679371	73.70307808			-0.03	-0.44	Excellent
4425	07/02/21 04:00:00	5.55	27.80					5.526983636	70.66406998			-0.02	-0.41	Excellent
4426	07/02/21 04:30:00	5.59	27.80					5.5680815	71.18951796			-0.02	-0.39	Excellent
4427	07/02/21 05:00:00	5.32	27.80					5.300342884	67.76640301			-0.02	-0.37	Excellent
4428	07/02/21 05:30:00	5.39	27.78					5.371302771	68.64926942			-0.02	-0.35	Excellent
4429	07/02/21 06:00:00	5.38	27.78					5.362553733	68.53745016			-0.02	-0.32	Excellent
4430	07/02/21 06:30:00	5.32	27.78					5.303951009	67.78846349			-0.02	-0.30	Excellent
4431	07/02/21 07:00:00	5.09	27.78					5.075795568	64.8724662			-0.01	-0.28	Excellent
4432	07/02/21 07:30:00	5.12	27.76					5.106869343	65.2464385			-0.01	-0.26	Excellent
4433	07/02/21 08:00:00	5.31	27.76					5.29758252	67.68303023			-0.01	-0.23	Excellent
4434	07/02/21 08:30:00	5.64	27.72					5.628085864	71.85454008			-0.01	-0.21	Excellent
4435	07/02/21 09:00:00	5.77	27.68					5.759115689	73.47516633			-0.01	-0.19	Excellent
4436	07/02/21 09:30:00	5.68	27.68					5.670569556	72.34548911			-0.01	-0.17	Excellent
4437	07/02/21 10:00:00	5.83	27.68					5.821638518	74.27283659			-0.01	-0.14	Excellent
4438	07/02/21 10:30:00	5.82	27.68					5.812968605	74.16222529			-0.01	-0.12	Excellent
4439	07/02/21 11:00:00	5.79	27.68					5.784313813	73.79664561			-0.01	-0.10	Excellent
4440	07/02/21 11:30:00	5.65	27.66					5.645728615	72.00296014			0.00	-0.08	Excellent
4441	07/02/21 12:00:00	5.73	27.70					5.726963534	73.09094468			0.00	-0.05	Excellent
4442	07/02/21 12:30:00	5.68	27.74					5.678274125	72.52106216			0.00	-0.03	Excellent
4443	07/02/21 13:00:00	5.70	27.72					5.699556664	72.76701753			0.00	-0.01	Excellent
4444	07/02/21 13:30:00	5.44	27.74					5.440806723	69.48820609			0.00	0.01	Excellent
4445	07/02/21 14:00:00	5.52	27.74					5.52206651	70.52602954			0.00	0.04	Excellent
4446	07/02/21 14:30:00	5.58	27.78					5.583350459	71.35939757			0.00	0.06	Excellent
4447	07/02/21 15:00:00	5.58	27.80					5.584611947	71.40086446			0.00	0.08	Excellent
4448	07/02/21 15:30:00	5.62	27.78					5.625915538	71.90341113			0.01	0.11	Excellent
4449	07/02/21 16:00:00	5.65	27.78					5.657224428	72.30356218			0.01	0.13	Excellent
4450	07/02/21 16:30:00	5.59	27.82					5.598411457	71.60270437			0.01	0.15	Excellent
4451	07/02/21 17:00:00	5.59	27.88					5.599675205	71.69512716			0.01	0.17	Excellent
4452	07/02/21 17:30:00	5.70	27.88					5.71115421	73.12244234			0.01	0.20	Excellent
4453	07/02/21 18:00:00	5.65	27.86					5.662333678	72.47166458			0.01	0.22	Excellent
4454	07/02/21 18:30:00	5.75	27.92					5.763851893	73.84949726			0.01	0.24	Excellent
4455	07/02/21 19:00:00	5.79	28.02					5.805257217	74.51184682			0.02	0.26	Excellent
4456	07/02/21 19:30:00	5.75	28.04					5.766451733	74.03996927			0.02	0.29	Excellent
4457	07/02/21 20:00:00	5.72	28.08					5.737659036	73.72242341			0.02	0.31	Excellent
4458	07/02/21 20:30:00	5.71	28.14					5.72891904	73.68824349			0.02	0.33	Excellent
4459	07/02/21 21:00:00	5.65	28.14					5.669997554	72.93036564			0.02	0.35	Excellent
4460	07/02/21 21:30:00	5.58	28.16					5.601011284	72.06849283			0.02	0.38	Excellent
4461	07/02/21 22:00:00	5.51	28.12					5.531993364	71.13013911			0.02	0.40	Excellent
4462	07/02/21 22:30:00	5.23	28.08					5.252058096	67.48300105			0.02	0.42	Excellent
4463	07/02/21 23:00:00	5.23	28.08					5.253240458	67.49819306			0.02	0.44	Excellent
4464	07/02/21 23:30:00	5.26	28.10				6.225	5.284562912	67.92466875		6.570	0.02	0.47	Excellent
4465	07/03/21 00:00:00	5.11	28.08	4.23	5.31	4.97375		5.135017682	65.97916423	5.024		0.03	0.49	Excellent
4466	07/03/21 00:30:00	5.21	28.06					5.236685105	67.26167786			0.03	0.51	Excellent
4467	07/03/21 01:00:00	5.18	28.04					5.207702506	66.86575235			0.03	0.53	Excellent
4468	07/03/21 01:30:00	5.08	28.02					5.10831616	65.56644382			0.03	0.56	Excellent
4469	07/03/21 02:00:00	4.98	28.00					5.008884599	64.26746052			0.03	0.58	Excellent
4470	07/03/21 02:30:00	4.94	27.98					4.969769395	63.74300952			0.03	0.60	Excellent
4471	07/03/21 03:00:00	4.79	27.96					4.819948356	61.79948924			0.03	0.63	Excellent
4472	07/03/21 03:30:00	4.96	27.92					4.992132563	63.96182394			0.03	0.65	Excellent
4473	07/03/21 04:00:00	4.80	27.92					4.832181179	61.91244282			0.03	0.67	Excellent
4474	07/03/21 04:30:00	4.88	27.90					4.913820769	62.93613916			0.03	0.69	Excellent
4475	07/03/21 05:00:00	5.08	27.88					5.116355317	65.5069681			0.04	0.72	Excellent
4476	07/03/21 05:30:00	5.05	27.86					5.087282289	65.1116371			0.04	0.74	Excellent
4477	07/03/21 06:00:00	5.23	27.86					5.269793524	67.44758087			0.04	0.76	Excellent
4478	07/03/21 06:30:00	4.86	27.86					4.898077018	62.69001703			0.04	0.78	Excellent
4479	07/03/21 07:00:00	5.31	27.84					5.352803116	68.48571345			0.04	0.81	Excellent
4480	07/03/21 07:30:00	5.24	27.82					5.283423479	67.57406317			0.04	0.83	Excellent
4481	07/03/21 08:00:00	5.18	27.80					5.224097322	66.79158164			0.04	0.85	Excellent
4482	07/03/21 08:30:00	5.16	27.78					5.205093599	66.5249918			0.05	0.87	Excellent
4483	07/03/21 09:00:00	5.27	27.78					5.317246301	67.95838727			0.05	0.90	Excellent
4484	07/03/21 09:30:00	5.22	27.78					5.267978145	67.32870337			0.05	0.92	Excellent
4485	07/03/21 10:00:00	5.12	27.78					5.168216518	66.0536751			0.05	0.94	Excellent
4486	07/03/21 10:30:00	5.19	27.80					5.240049047	66.99552902			0.05	0.96	Excellent
4487	07/03/21 11:00:00	5.22	27.78					5.271518449	67.3739511			0.05	0.99	Excellent
4488	07/03/21 11:30:00	5.14	27.80					5.191890909	66.37981343			0.05	1.01	Excellent
4489	07/03/21 12:00:00	5.12	27.80					5.172846493	66.13632511			0.05	1.03	Excellent
4490	07/03/21 12:30:00	5.04	27.76					5.093160175	65.07128728			0.05	1.05	Excellent
4491	07/03/21 13:00:00	4.96	27.72					5.013437684	64.00724291			0.05	1.08	Excellent
4492	07/03/21 13:30:00	5.00	27.72					5.054998999	64.53786188			0.05	1.10	Excellent
4493	07/03/21 14:00:00	4.98	27.70					5.035904846	64.27123909			0.06	1.12	Excellent
4494	07/03/21 14:30:00	4.97	27.68					5.02691617	64.13371804			0.06	1.15	Excellent
4495	07/03/21 15:00:00	5.01	27.66					5.068506874	64.64134629			0.06	1.17	Excellent
4496	07/03/21 15:30:00	4.92	27.60					4.978568132	63.42658095			0.06	1.19	Excellent
4497	07/03/21 16:00:00	4.86	27.58					4.918952601	62.64478188			0.06	1.21	Excellent
4498	07/03/21 16:30:00	4.86	27.56					4.920051316	62.63646987			0.06	1.24	Excellent
4499	07/03/21 17:00:00	4.89	27.58					4.9515275	63.05963593			0.06	1.26	Excellent
4500	07/03/21 17:30:00	4.89	27.60					4.952632997	63.0961693			0.06	1.28	Excellent
4501	07/03/21 18:00:00	4.94	27.62					5.004390217	63.77824362			0.06	1.30	Excellent
4502	07/03/21 18:30:00	4.95	27.64					5.015639623	63.94435566			0.07	1.33	Excellent
4503	07/03/21 19:00:00	4.89	27.66					4.955949488	63.20584247			0.07	1.35	Excellent
4504	07/03/21 19:30:00	4.75	27.66					4.815135211	61.40996359			0.07	1.37	Excellent
4505	07/03/21 20:00:00	4.87	27.66					4.937881708	62.97541452			0.07	1.39	Excellent
4506	07/03/21 20:30:00	4.76	27.68					4.827424553	61.58859122			0.07	1.42	Excellent
4507	07/03/21 21:00:00	4.82	27.70					4.889364114	62.40099834			0.07	1.44	Excellent
4508	07/03/21 21:30:00	4.84	27.70					4.910746125	62.6738884			0.07	1.46	Excellent
4509	07/03/21 22:00:00	4.69	27.66					4.759613863	60.7018705			0.07	1.48	Excellent
4510	07/03/21 22:30:00	4.62	27.66					4.689619307	59.80919295			0.07	1.51	Excellent
4511	07/03/21 23:00:00	4.68	27.66					4.751581476	60.59942922			0.07	1.53	Excellent
4512	07/03/21 23:30:00	4.23	27.64				6.087	4.29565493	54.76527568		6.359	0.07	1.55	Excellent
4513	07/04/21 00:00:00	4.40	27.64	3.81	6.25	4.84563		4.469288266	56.9789259	4.949		0.07	1.57	Excellent
4514	07/04/21 00:30:00	4.27	27.64					4.338206444	55.30776464			0.07	1.60	Excellent
4515	07/04/21 01:00:00	4.31	27.62					4.379819755	55.81843127			0.07	1.62	Excellent

4516	07/04/21 01:30:00	4.20	27.62					4.268987319	54.40593188			0.07	1.64	Excellent
4517	07/04/21 02:00:00	4.10	27.60					4.168271664	53.10346531			0.07	1.67	Excellent
4518	07/04/21 02:30:00	4.18	27.60					4.250548779	54.15166953			0.07	1.69	Excellent
4519	07/04/21 03:00:00	4.01	27.58					4.078586123	51.94238667			0.07	1.71	Excellent
4520	07/04/21 03:30:00	3.99	27.58					4.059146079	51.69481012			0.07	1.73	Excellent
4521	07/04/21 04:00:00	3.92	27.56					3.988819196	50.78108689			0.07	1.76	Excellent
4522	07/04/21 04:30:00	3.81	27.54					3.877749383	49.34949527			0.07	1.78	Excellent
4523	07/04/21 05:00:00	4.05	27.54					4.122932657	52.46977707			0.07	1.80	Excellent
4524	07/04/21 05:30:00	4.16	27.52					4.235854007	53.88765162			0.08	1.82	Excellent
4525	07/04/21 06:00:00	4.11	27.52					4.185871461	53.25178408			0.08	1.85	Excellent
4526	07/04/21 06:30:00	4.05	27.50					4.125679444	52.46733579			0.08	1.87	Excellent
4527	07/04/21 07:00:00	3.97	27.50					4.045082051	51.44235784			0.08	1.89	Excellent
4528	07/04/21 07:30:00	4.40	27.50					4.484209085	57.02685025			0.08	1.91	Excellent
4529	07/04/21 08:00:00	4.60	27.50					4.689076707	59.63220495			0.09	1.94	Excellent
4530	07/04/21 08:30:00	4.68	27.52					4.771683889	60.70436766			0.09	1.96	Excellent
4531	07/04/21 09:00:00	4.72	27.54					4.813534576	61.25860089			0.09	1.98	Excellent
4532	07/04/21 09:30:00	4.74	27.54					4.835002495	61.53180859			0.10	2.00	Excellent
4533	07/04/21 10:00:00	4.77	27.58					4.866682145	61.97909722			0.10	2.03	Excellent
4534	07/04/21 10:30:00	4.66	27.60					4.755506078	60.58478728			0.10	2.05	Excellent
4535	07/04/21 11:00:00	4.77	27.64					4.868838882	62.072794			0.10	2.07	Excellent
4536	07/04/21 11:30:00	4.85	27.68					4.951593011	63.17274036			0.10	2.09	Excellent
4537	07/04/21 12:00:00	4.69	27.66					4.789301772	61.08049609			0.10	2.12	Excellent
4538	07/04/21 12:30:00	4.67	27.68					4.769934071	60.85512398			0.10	2.14	Excellent
4539	07/04/21 13:00:00	4.65	27.64					4.750557327	60.56482326			0.10	2.16	Excellent
4540	07/04/21 13:30:00	4.67	27.56					4.772045593	60.75223017			0.10	2.19	Excellent
4541	07/04/21 14:00:00	4.60	27.66					4.701555938	59.9614271			0.10	2.21	Excellent
4542	07/04/21 14:30:00	4.86	27.84					4.968394771	63.56745301			0.11	2.23	Excellent
4543	07/04/21 15:00:00	5.09	27.82					5.204675276	66.56688741			0.11	2.25	Excellent
4544	07/04/21 15:30:00	5.50	28.06					5.625155782	72.25132093			0.13	2.28	Excellent
4545	07/04/21 16:00:00	5.83	28.26					5.963983135	76.87447758			0.13	2.30	Excellent
4546	07/04/21 16:30:00	6.04	28.48					6.180174767	79.97053992			0.14	2.32	Excellent
4547	07/04/21 17:00:00	6.14	28.54					6.283883629	81.39837468			0.14	2.34	Excellent
4548	07/04/21 17:30:00	6.25	28.64					6.397874306	83.02070508			0.15	2.37	Excellent
4549	07/04/21 18:00:00	6.01	28.66					6.153554631	79.87838635			0.14	2.39	Excellent
4550	07/04/21 18:30:00	5.92	28.46					6.062743247	78.4233871			0.14	2.41	Excellent
4551	07/04/21 19:00:00	5.88	28.34					6.023108075	77.74619619			0.14	2.43	Excellent
4552	07/04/21 19:30:00	5.94	28.24					6.085911235	78.41842341			0.15	2.46	Excellent
4553	07/04/21 20:00:00	5.68	28.20					5.820808643	74.9495695			0.14	2.48	Excellent
4554	07/04/21 20:30:00	5.54	28.10					5.678590452	72.98926738			0.14	2.50	Excellent
4555	07/04/21 21:00:00	5.13	27.86					5.259493512	67.315752			0.13	2.52	Excellent
4556	07/04/21 21:30:00	5.05	27.70					5.178615789	66.09260176			0.13	2.55	Excellent
4557	07/04/21 22:00:00	5.21	27.72					5.343868585	68.2258993			0.13	2.57	Excellent
4558	07/04/21 22:30:00	5.44	27.88					5.581008168	71.4561248			0.14	2.59	Excellent
4559	07/04/21 23:00:00	5.05	27.84					5.182040795	66.3009181			0.13	2.61	Excellent
4560	07/04/21 23:30:00	5.03	27.80				5.861	5.162655009	66.00602406		6.026	0.13	2.64	Excellent
4561	07/05/21 00:00:00	4.85	27.82	4.76	6.56	5.50688		4.979004365	63.68059589	5.684		0.13	2.66	Excellent
4562	07/05/21 00:30:00	5.16	27.92					5.298416542	67.88609512			0.14	2.68	Excellent
4563	07/05/21 01:00:00	5.22	27.92					5.361206138	68.69058839			0.14	2.71	Excellent
4564	07/05/21 01:30:00	5.34	27.90					5.485659486	70.26024046			0.15	2.73	Excellent
4565	07/05/21 02:00:00	5.11	27.92					5.250540996	67.27268848			0.14	2.75	Excellent
4566	07/05/21 02:30:00	5.11	27.94					5.251696229	67.31133945			0.14	2.77	Excellent
4567	07/05/21 03:00:00	5.33	27.94					5.479001623	70.22472779			0.15	2.80	Excellent
4568	07/05/21 03:30:00	5.26	27.92					5.408233897	69.29313275			0.15	2.82	Excellent
4569	07/05/21 04:00:00	5.10	27.88					5.244877854	67.15249919			0.14	2.84	Excellent
4570	07/05/21 04:30:00	5.24	27.86					5.390039516	68.98659776			0.15	2.86	Excellent
4571	07/05/21 05:00:00	5.18	27.84					5.329492564	68.18746975			0.15	2.89	Excellent
4572	07/05/21 05:30:00	5.34	27.80					5.495317325	70.25920712			0.16	2.91	Excellent
4573	07/05/21 06:00:00	5.10	27.76					5.249489743	67.06858679			0.15	2.93	Excellent
4574	07/05/21 06:30:00	5.25	27.72					5.405073384	69.00730932			0.16	2.95	Excellent
4575	07/05/21 07:00:00	5.19	27.68					5.344474436	68.1851467			0.15	2.98	Excellent
4576	07/05/21 07:30:00	5.15	27.66					5.304448157	67.65043014			0.15	3.00	Excellent
4577	07/05/21 08:00:00	5.10	27.64					5.254101633	66.98450622			0.15	3.02	Excellent
4578	07/05/21 08:30:00	5.18	27.62					5.337689972	68.02596852			0.16	3.04	Excellent
4579	07/05/21 09:00:00	4.94	27.62					5.091500674	64.88841922			0.15	3.07	Excellent
4580	07/05/21 09:30:00	4.76	27.58					4.907056514	62.49328056			0.15	3.09	Excellent
4581	07/05/21 10:00:00	4.84	27.58					4.990622245	63.55752277			0.15	3.11	Excellent
4582	07/05/21 10:30:00	4.94	27.60					5.094851076	64.90801685			0.15	3.13	Excellent
4583	07/05/21 11:00:00	5.04	27.62					5.199125121	66.26003453			0.16	3.16	Excellent
4584	07/05/21 11:30:00	4.99	27.64					5.148674603	65.64041772			0.16	3.18	Excellent
4585	07/05/21 12:00:00	4.93	27.62					5.087881232	64.8422914			0.16	3.20	Excellent
4586	07/05/21 12:30:00	5.08	27.62					5.243833371	66.82981697			0.16	3.23	Excellent
4587	07/05/21 13:00:00	5.24	27.72					5.4101781	69.07248193			0.17	3.25	Excellent
4588	07/05/21 13:30:00	5.62	27.84					5.803789791	74.25580129			0.18	3.27	Excellent
4589	07/05/21 14:00:00	5.61	27.94					5.794731032	74.2714526			0.18	3.29	Excellent
4590	07/05/21 14:30:00	5.91	27.96					6.105945789	78.28804444			0.20	3.32	Excellent
4591	07/05/21 15:00:00	5.93	28.04					6.127949501	78.68152093			0.20	3.34	Excellent
4592	07/05/21 15:30:00	6.16	28.10					6.367019747	81.83793332			0.21	3.36	Excellent
4593	07/05/21 16:00:00	6.39	28.14					6.606193987	84.97219592			0.22	3.38	Excellent
4594	07/05/21 16:30:00	6.23	28.18					6.442189114	82.92126054			0.21	3.41	Excellent
4595	07/05/21 17:00:00	6.21	28.12					6.422911843	82.58553162			0.21	3.43	Excellent
4596	07/05/21 17:30:00	6.27	28.14					6.48638644	83.43117087			0.22	3.45	Excellent
4597	07/05/21 18:00:00	6.39	28.14					6.611972414	85.04652095			0.22	3.47	Excellent
4598	07/05/21 18:30:00	6.56	28.20					6.789360822	87.42078671			0.23	3.50	Excellent
4599	07/05/21 19:00:00	6.22	28.12					6.438879393	82.79084171			0.22	3.52	Excellent
4600	07/05/21 19:30:00	6.32	28.12					6.543827135	84.14025539			0.22	3.54	Excellent
4601	07/05/21 20:00:00	6.12	28.06					6.338127565	81.40896119			0.22	3.56	Excellent
4602	07/05/21 20:30:00	6.21	28.02					6.432739237	82.56572667			0.22	3.59	Excellent
4603	07/05/21 21:00:00	5.92	28.00					6.133675918	78.69931262			0.21	3.61	Excellent
4604	07/05/21 21:30:00	5.93	27.96					6.14537747	78.79362201			0.22	3.63	Excellent
4605	07/05/21 22:00:00	5.94	27.92					6.157083543	78.88778766			0.22	3.65	Excellent
4606	07/05/21 22:30:00	5.35	27.88					5.546730864	71.01725726			0.20	3.68	Excellent
4607	07/05/21 23:00:00	5.66	27.86					5.869409796	75.1220119			0.21	3.70	Excellent
4608	07/05/21 23:30:00	5.41	27.82				5.727	5.611383301	71.76861199		5.757	0.20	3.72	Excellent
4609	07/06/21 00:00:00	5.53	27.82	4.36	7.65	5.96896		5.737100398	73.37651169	6.009		0.21	3.75	Excellent
4610	07/06/21 00:30:00	5.02	27.74					5.209135609	66.5293783			0.19	3.77	Excellent
4611	07/06/21 01:00:00	4.36	27.68					4.525254853	57.73349086			0.17	3.79	Excellent
4612	07/06/21 01:30:00	4.57	27.68					4.744247529	60.52741344			0.17	3.81	Excellent
4613	07/06/21 02:00:00	4.76	27.70					4.942568064	63.08001907			0.18	3.84	Excellent
4614	07/06/21 02:30:00	4.89	27.68					5.078659663	64.79386483			0.19	3.86	Excellent
4615	07/06/21 03:00:00	4.65	27.66					4.830451533	61.60530074			0.18	3.88	Excellent
4616	07/06/21 03:30:00	4.68	27.68					4.862673758	62.03830284			0.18	3.90	Excellent
4617	07/06/21 04:00:00	4.84	27.68					5.030013208	64.17323025			0.19	3.93	Excellent
4618	07/06/21 04:30:00	5.08	27.66					5.280583802	67.3460754			0.20	3.95	Excellent
4619	07/06/21 05:00:00	5.26	27.64					5.468880246	69.7227173			0.21	3.97	Excellent
4620	07/06/21 05:30:00	5.37	27.60					5.584462476	71.14562901			0.21	3.99	Excellent
4621	07/06/21 06:00:00	5.28	27.58					5.492061798	69.94355126			0.21	4.02	Excellent
4622	07/06/21 06:30:00	5.18	27.56					5.389216535	68.60934519			0.21	4.04	Excellent
4623	07/06/21 07:00:00	5.28	27.54					5.49444913	69.92414015			0.21	4.06	Excellent
4624	07/06/21 07:30:00	5.33	27.54					5.547684867	70.6016354			0.22	4.08	Excellent
4625	07/06/21 08:00:00	5.49	27.50					5.715460638	72.68499567			0.23	4.11	Excellent
4626	07/06/21 08:30:00	5.30	27.46					5.518855998	70.13470659			0.22	4.13	Excellent
4627	07/06/21 09:00:00	5.24	27.40					5.457563005	69.28160879			0.22	4.15	Excellent
4628	07/06/21 09:30:00	5.27	27.40					5.49	69.69338364			0.22	4.17	Excellent
4629	07/06/21 10:00:00	5.65	27.40					5.58	70.49306128			-0.07	-1.24	Excellent
4630	07/06/21 10:30:00	5.79	27.42					5.718710022	72.27117249			-0.07	-1.23	Excellent
4631	07/06/21 11:00:00	5.79	27.42					5.719154557	72.27679038			-0.07	-1.22	Excellent

4632	07/06/21 11:30:00	5.85	27.44					5.77886955	73.05748686			-0.07	-1.22	Excellent
4633	07/06/21 12:00:00	5.94	27.46					5.868231287	74.2136569			-0.07	-1.21	Excellent
4634	07/06/21 12:30:00	5.90	27.46					5.829167559	73.71963034			-0.07	-1.20	Excellent
4635	07/06/21 13:00:00	5.97	27.56					5.898785529	74.73300882			-0.07	-1.19	Excellent
4636	07/06/21 13:30:00	5.92	27.48					5.849836481	74.00738645			-0.07	-1.19	Excellent
4637	07/06/21 14:00:00	6.07	27.52					5.998524722	75.94254291			-0.07	-1.18	Excellent
4638	07/06/21 14:30:00	6.10	27.58					6.028639803	76.40534258			-0.07	-1.17	Excellent
4639	07/06/21 15:00:00	6.63	27.82					6.552948682	83.40505511			-0.08	-1.16	Excellent
4640	07/06/21 15:30:00	6.88	27.98					6.8005715	86.80244736			-0.08	-1.15	Excellent
4641	07/06/21 16:00:00	6.90	28.18					6.82087036	87.36982989			-0.08	-1.15	Excellent
4642	07/06/21 16:30:00	7.31	28.28					7.226729689	92.73199514			-0.08	-1.14	Excellent
4643	07/06/21 17:00:00	7.26	28.40					7.17785665	92.29976772			-0.08	-1.13	Excellent
4644	07/06/21 17:30:00	7.65	28.46					7.56403133	97.36831194			-0.09	-1.12	Excellent
4645	07/06/21 18:00:00	7.33	28.50					7.248190177	93.36828282			-0.08	-1.12	Excellent
4646	07/06/21 18:30:00	7.32	28.18					7.238863789	92.72398748			-0.08	-1.11	Excellent
4647	07/06/21 19:00:00	6.95	27.98					6.873498533	87.73328751			-0.08	-1.10	Excellent
4648	07/06/21 19:30:00	7.10	28.00					7.022392534	89.66549526			-0.08	-1.09	Excellent
4649	07/06/21 20:00:00	7.10	27.98					7.022937647	89.64072732			-0.08	-1.09	Excellent
4650	07/06/21 20:30:00	6.99	27.92					6.914668237	88.16507823			-0.08	-1.08	Excellent
4651	07/06/21 21:00:00	6.56	27.68					6.489806033	82.39638331			-0.07	-1.07	Excellent
4652	07/06/21 21:30:00	6.84	27.60					6.7673351	85.79788094			-0.07	-1.06	Excellent
4653	07/06/21 22:00:00	6.76	27.64					6.68870399	84.86130635			-0.07	-1.05	Excellent
4654	07/06/21 22:30:00	6.91	27.66					6.837652503	86.78189518			-0.07	-1.05	Excellent
4655	07/06/21 23:00:00	6.85	27.60					6.77880662	85.94331959			-0.07	-1.04	Excellent
4656	07/06/21 23:30:00	6.81	27.54				5.710	6.739745195	85.3569267		5.731	-0.07	-1.03	Excellent
4657	07/07/21 00:00:00	6.77	27.40	6.46	8.68	7.20458		6.700677628	84.65076677	7.144		-0.07	-1.02	Excellent
4658	07/07/21 00:30:00	6.74	27.40					6.67150229	84.28218991			-0.07	-1.02	Excellent
4659	07/07/21 01:00:00	6.79	27.44					6.721515458	84.9745825			-0.07	-1.01	Excellent
4660	07/07/21 01:30:00	6.74	27.38					6.672537236	84.26520548			-0.07	-1.00	Excellent
4661	07/07/21 02:00:00	6.63	27.32					6.564147287	82.80768993			-0.07	-0.99	Excellent
4662	07/07/21 02:30:00	6.68	27.32					6.614163527	83.4386522			-0.07	-0.99	Excellent
4663	07/07/21 03:00:00	6.62	27.30					6.555263132	82.6660953			-0.06	-0.98	Excellent
4664	07/07/21 03:30:00	6.75	27.26					6.684510105	84.23578795			-0.07	-0.97	Excellent
4665	07/07/21 04:00:00	6.60	27.18					6.53647216	82.2525762			-0.06	-0.96	Excellent
4666	07/07/21 04:30:00	6.60	27.12					6.536978885	82.17070632			-0.06	-0.95	Excellent
4667	07/07/21 05:00:00	6.48	27.08					6.418622234	80.62519494			-0.06	-0.95	Excellent
4668	07/07/21 05:30:00	6.55	27.04					6.488462088	81.44409302			-0.06	-0.94	Excellent
4669	07/07/21 06:00:00	6.50	27.02					6.43943089	80.79968608			-0.06	-0.93	Excellent
4670	07/07/21 06:30:00	6.46	27.00					6.400299598	80.2798988			-0.06	-0.92	Excellent
4671	07/07/21 07:00:00	6.58	27.02					6.519695801	81.80682161			-0.06	-0.92	Excellent
4672	07/07/21 07:30:00	6.60	27.04					6.54001923	82.09124555			-0.06	-0.91	Excellent
4673	07/07/21 08:00:00	6.68	27.04					6.619805057	83.09272852			-0.06	-0.90	Excellent
4674	07/07/21 08:30:00	6.66	27.06					6.600496612	82.88005371			-0.06	-0.89	Excellent
4675	07/07/21 09:00:00	6.64	27.06					6.581185096	82.63756597			-0.06	-0.89	Excellent
4676	07/07/21 09:30:00	6.71	27.10					6.651080229	83.57505228			-0.06	-0.88	Excellent
4677	07/07/21 10:00:00	6.84	27.18					6.780463864	85.32287861			-0.06	-0.87	Excellent
4678	07/07/21 10:30:00	6.90	27.24					6.840471374	86.17036025			-0.06	-0.86	Excellent
4679	07/07/21 11:00:00	6.84	27.26					6.781514165	85.45819816			-0.06	-0.86	Excellent
4680	07/07/21 11:30:00	6.83	27.28					6.772124053	85.37035793			-0.06	-0.85	Excellent
4681	07/07/21 12:00:00	6.87	27.32					6.812312556	85.93833153			-0.06	-0.84	Excellent
4682	07/07/21 12:30:00	6.92	27.46					6.862423998	86.78689629			-0.06	-0.83	Excellent
4683	07/07/21 13:00:00	7.17	27.52					7.110894427	90.0253696			-0.06	-0.82	Excellent
4684	07/07/21 13:30:00	7.39	27.76					7.329648244	93.19153738			-0.06	-0.82	Excellent
4685	07/07/21 14:00:00	8.03	28.06					7.965038084	101.8096495			-0.06	-0.81	Excellent
4686	07/07/21 14:30:00	7.67	28.02					7.608539324	97.18409409			-0.06	-0.80	Excellent
4687	07/07/21 15:00:00	7.76	28.36					7.698413928	98.92389997			-0.06	-0.79	Excellent
4688	07/07/21 15:30:00	7.52	28.42					7.46089601	95.97313563			-0.06	-0.79	Excellent
4689	07/07/21 16:00:00	7.08	27.72					7.024897799	89.25344301			-0.06	-0.78	Excellent
4690	07/07/21 16:30:00	7.25	27.90					7.194131353	91.69586747			-0.06	-0.77	Excellent
4691	07/07/21 17:00:00	7.11	27.74					7.055756076	89.67734336			-0.05	-0.76	Excellent
4692	07/07/21 17:30:00	7.90	27.80					7.840335506	99.75535223			-0.06	-0.76	Excellent
4693	07/07/21 18:00:00	8.60	28.84					8.535709056	110.6113543			-0.06	-0.75	Excellent
4694	07/07/21 18:30:00	8.49	28.48					8.427183214	108.517433			-0.06	-0.74	Excellent
4695	07/07/21 19:00:00	8.33	28.50					8.269006588	106.518031			-0.06	-0.73	Excellent
4696	07/07/21 19:30:00	8.34	28.46					8.279573681	106.579161			-0.06	-0.72	Excellent
4697	07/07/21 20:00:00	8.68	28.78					8.617776677	111.5575651			-0.06	-0.72	Excellent
4698	07/07/21 20:30:00	8.06	28.46					8.002840018	103.0168953			-0.06	-0.71	Excellent
4699	07/07/21 21:00:00	8.00	28.30					7.943879738	101.9702671			-0.06	-0.70	Excellent
4700	07/07/21 21:30:00	7.96	28.28					7.904771479	101.432496			-0.06	-0.69	Excellent
4701	07/07/21 22:00:00	7.75	28.22					7.69682353	98.65969775			-0.05	-0.69	Excellent
4702	07/07/21 22:30:00	7.53	28.12					7.478911182	95.69735677			-0.05	-0.68	Excellent
4703	07/07/21 23:00:00	7.59	28.12					7.539086833	96.46734194			-0.05	-0.67	Excellent
4704	07/07/21 23:30:00	7.63	28.14				5.781	7.57940432	97.01749499		5.815	-0.05	-0.66	Excellent
4705	07/08/21 00:00:00	7.26	28.10	6.70	7.93	7.30479		7.212415242	92.25477092	7.270		-0.05	-0.66	Excellent
4706	07/08/21 00:30:00	7.11	27.98					7.063944278	90.16413568			-0.05	-0.65	Excellent
4707	07/08/21 01:00:00	7.03	27.92					6.985002224	89.06186767			-0.04	-0.64	Excellent
4708	07/08/21 01:30:00	7.32	28.00					7.273707989	92.87441938			-0.05	-0.63	Excellent
4709	07/08/21 02:00:00	7.25	28.04					7.204707301	92.05849165			-0.05	-0.62	Excellent
4710	07/08/21 02:30:00	7.02	28.02					6.976683143	89.11337672			-0.04	-0.62	Excellent
4711	07/08/21 03:00:00	6.70	28.02					6.659172103	85.05779896			-0.04	-0.61	Excellent
4712	07/08/21 03:30:00	7.60	28.12					7.554271259	96.66163619			-0.05	-0.60	Excellent
4713	07/08/21 04:00:00	7.26	28.04					7.216874415	92.21395753			-0.04	-0.59	Excellent
4714	07/08/21 04:30:00	7.30	28.10					7.257197276	92.82758268			-0.04	-0.59	Excellent
4715	07/08/21 05:00:00	7.51	28.12					7.466542556	95.53909244			-0.04	-0.58	Excellent
4716	07/08/21 05:30:00	7.36	28.10					7.317975622	93.60500497			-0.04	-0.57	Excellent
4717	07/08/21 06:00:00	7.37	28.10					7.328484365	93.73942342			-0.04	-0.56	Excellent
4718	07/08/21 06:30:00	7.38	28.06					7.338994645	93.80752034			-0.04	-0.56	Excellent
4719	07/08/21 07:00:00	7.43	28.04					7.389287279	94.41697113			-0.04	-0.55	Excellent
4720	07/08/21 07:30:00	7.34	28.02					7.300343973	93.24750591			-0.04	-0.54	Excellent
4721	07/08/21 08:00:00	7.30	27.98					7.26112055	92.68089225			-0.04	-0.53	Excellent
4722	07/08/21 08:30:00	7.31	27.96					7.271628526	92.7821674			-0.04	-0.52	Excellent
4723	07/08/21 09:00:00	7.29	27.96					7.25229321	92.5354589			-0.04	-0.52	Excellent
4724	07/08/21 09:30:00	7.23	27.94					7.193158647	91.74844193			-0.04	-0.51	Excellent
4725	07/08/21 10:00:00	7.09	27.92					7.054416379	89.94692883			-0.04	-0.50	Excellent
4726	07/08/21 10:30:00	7.07	27.88					7.035059565	89.63658256			-0.03	-0.49	Excellent
4727	07/08/21 11:00:00	7.00	27.88					6.965942944	88.75593932			-0.03	-0.49	Excellent
4728	07/08/21 11:30:00	7.00	27.90					6.966480379	88.79424496			-0.03	-0.48	Excellent
4729	07/08/21 12:00:00	7.00	27.92					6.967017814	88.83255848			-0.03	-0.47	Excellent
4730	07/08/21 12:30:00	7.06	28.00					7.027277151	89.72786455			-0.03	-0.46	Excellent
4731	07/08/21 13:00:00	7.07	28.02					7.03777361	89.89368703			-0.03	-0.46	Excellent
4732	07/08/21 13:30:00	7.48	28.20					7.446479041	95.41704532			-0.03	-0.45	Excellent
4733	07/08/21 14:00:00	7.33	28.18					7.297714023	93.47781136			-0.03	-0.44	Excellent
4734	07/08/21 14:30:00	7.36	28.12					7.328146959	93.76823402			-0.03	-0.43	Excellent
4735	07/08/21 15:00:00	7.37	28.14					7.338669522	93.93605402			-0.03	-0.43	Excellent
4736	07/08/21 15:30:00	7.36	28.22					7.329277107	93.94840109			-0.03	-0.42	Excellent
4737	07/08/21 16:00:00	7.86	28.32					7.827793417	100.5155644			-0.03	-0.41	Excellent
4738	07/08/21 16:30:00	7.93	28.36					7.898115426	101.4900456			-0.03	-0.40	Excellent
4739	07/08/21 17:00:00	7.72	28.28					7.689552498	98.67084775			-0.03	-0.39	Excellent
4740	07/08/21 17:30:00	7.84	28.34					7.809681148	100.3183286			-0.03	-0.39	Excellent
4741	07/08/21 18:00:00	7.75	28.36					7.720624213	99.20930006			-0.03	-0.38	Excellent
4742	07/08/21 18:30:00	7.68	28.36					7.651479186	98.32079292			-0.03	-0.37	Excellent
4743	07/08/21 19:00:00	7.51	28.32					7.482687097	96.08410399			-0.03	-0.36	Excellent
4744	07/08/21 19:30:00	7.32	28.22					7.293940105	93.49544307			-0.03	-0.36	Excellent
4745	07/08/21 20:00:00	7.24	28.26					7.214780774	92.54602948			-0.03	-0.35	Excellent
4746	07/08/21 20:30:00	7.28	28.26					7.255200373	93.06450309			-0.02	-0.34	Excellent
4747	07/08/21 21:00:00	7.21	28.30					7.185992389	92.24177445			-0.02	-0.33	Excellent

4748	07/08/21 21:30:00	7.15	28.34					7.126741126	91.54570394			-0.02	-0.33	Excellent
4749	07/08/21 22:00:00	7.21	28.34					7.187099505	92.3210303			-0.02	-0.32	Excellent
4750	07/08/21 22:30:00	7.20	28.36					7.177684057	92.23256977			-0.02	-0.31	Excellent
4751	07/08/21 23:00:00	7.12	28.34					7.09847866	91.1826618			-0.02	-0.30	Excellent
4752	07/08/21 23:30:00	7.05	28.34				5.917	7.02923152	90.29315591		5.956	-0.02	-0.29	Excellent
4753	07/09/21 00:00:00	7.11	28.32	6.38	7.58	6.88167		7.089600647	91.03653768	6.874		-0.02	-0.29	Excellent
4754	07/09/21 00:30:00	6.88	28.32					6.860788763	88.09839733			-0.02	-0.28	Excellent
4755	07/09/21 01:00:00	7.01	28.32					6.990963963	89.76995826			-0.02	-0.27	Excellent
4756	07/09/21 01:30:00	6.60	28.32					6.582584064	84.52601099			-0.02	-0.26	Excellent
4757	07/09/21 02:00:00	6.73	28.32					6.712757728	86.1975522			-0.02	-0.26	Excellent
4758	07/09/21 02:30:00	6.62	28.30					6.603547808	84.76532322			-0.02	-0.25	Excellent
4759	07/09/21 03:00:00	6.94	28.28					6.923285364	88.83825636			-0.02	-0.24	Excellent
4760	07/09/21 03:30:00	6.81	28.28					6.79412131	87.18084824			-0.02	-0.23	Excellent
4761	07/09/21 04:00:00	6.66	28.24					6.644982392	85.20700601			-0.02	-0.23	Excellent
4762	07/09/21 04:30:00	6.56	28.24					6.545711534	83.93407975			-0.01	-0.22	Excellent
4763	07/09/21 05:00:00	6.51	28.24					6.496320255	83.30074729			-0.01	-0.21	Excellent
4764	07/09/21 05:30:00	6.38	28.22					6.367083263	81.61477365			-0.01	-0.20	Excellent
4765	07/09/21 06:00:00	6.51	28.20					6.497319883	83.25479228			-0.01	-0.19	Excellent
4766	07/09/21 06:30:00	6.74	28.16					6.727389364	86.14199435			-0.01	-0.19	Excellent
4767	07/09/21 07:00:00	6.81	28.18					6.797781241	87.07407695			-0.01	-0.18	Excellent
4768	07/09/21 07:30:00	6.84	28.22					6.828252564	87.52615043			-0.01	-0.17	Excellent
4769	07/09/21 08:00:00	6.90	28.24					6.888679274	88.33187233			-0.01	-0.16	Excellent
4770	07/09/21 08:30:00	6.93	28.28					6.919162113	88.7853476			-0.01	-0.16	Excellent
4771	07/09/21 09:00:00	6.90	28.30					6.889738788	88.43896527			-0.01	-0.15	Excellent
4772	07/09/21 09:30:00	6.81	28.32					6.800395477	87.32289587			-0.01	-0.14	Excellent
4773	07/09/21 10:00:00	6.86	28.32					6.850851645	87.97079624			-0.01	-0.13	Excellent
4774	07/09/21 10:30:00	6.89	28.36					6.881340627	88.42458437			-0.01	-0.13	Excellent
4775	07/09/21 11:00:00	6.94	28.34					6.931810615	89.04174729			-0.01	-0.12	Excellent
4776	07/09/21 11:30:00	6.87	28.34					6.862420671	88.15040703			-0.01	-0.11	Excellent
4777	07/09/21 12:00:00	6.87	28.34					6.862948125	88.15718238			-0.01	-0.10	Excellent
4778	07/09/21 12:30:00	6.87	28.34					6.863475579	88.16395772			-0.01	-0.09	Excellent
4779	07/09/21 13:00:00	6.91	28.38					6.903968116	88.74659428			-0.01	-0.09	Excellent
4780	07/09/21 13:30:00	6.95	28.42					6.944466795	89.33005536			-0.01	-0.08	Excellent
4781	07/09/21 14:00:00	6.97	28.48					6.964986003	89.68861634			-0.01	-0.07	Excellent
4782	07/09/21 14:30:00	7.08	28.58					7.07545045	91.27132692			0.00	-0.06	Excellent
4783	07/09/21 15:00:00	7.30	28.72					7.295869547	94.34615268			0.00	-0.06	Excellent
4784	07/09/21 15:30:00	7.22	28.80					7.216469138	93.45029843			0.00	-0.05	Excellent
4785	07/09/21 16:00:00	7.24	28.82					7.237015219	93.74919016			0.00	-0.04	Excellent
4786	07/09/21 16:30:00	7.58	29.02					7.577457014	98.50323566			0.00	-0.03	Excellent
4787	07/09/21 17:00:00	7.30	28.88					7.298111418	94.63997491			0.00	-0.03	Excellent
4788	07/09/21 17:30:00	7.31	28.78					7.308670067	94.61111226			0.00	-0.02	Excellent
4789	07/09/21 18:00:00	7.31	28.80					7.309231302	94.65153018			0.00	-0.01	Excellent
4790	07/09/21 18:30:00	7.23	28.74					7.229794808	93.52449311			0.00	0.00	Excellent
4791	07/09/21 19:00:00	6.87	28.64					6.870332479	88.71876379			0.00	0.00	Excellent
4792	07/09/21 19:30:00	6.99	28.60					6.990874953	90.21200353			0.00	0.01	Excellent
4793	07/09/21 20:00:00	6.85	28.56					6.851383347	88.34988249			0.00	0.02	Excellent
4794	07/09/21 20:30:00	6.79	28.56					6.791892542	87.58273732			0.00	0.03	Excellent
4795	07/09/21 21:00:00	6.76	28.62					6.762403189	87.29439122			0.00	0.04	Excellent
4796	07/09/21 21:30:00	6.75	28.62					6.752917875	87.17194737			0.00	0.04	Excellent
4797	07/09/21 22:00:00	6.65	28.60					6.65338521	85.85695125			0.00	0.05	Excellent
4798	07/09/21 22:30:00	6.62	28.58					6.623878198	85.44617149			0.00	0.06	Excellent
4799	07/09/21 23:00:00	6.57	28.58					6.574353327	84.80731454			0.00	0.07	Excellent
4800	07/09/21 23:30:00	6.52	28.56				6.098	6.524820779	84.13879648		6.136	0.00	0.07	Excellent
4801	07/10/21 00:00:00	6.46	28.56	6.18	6.72	6.39625		6.465272392	83.37090878	6.413		0.01	0.08	Excellent
4802	07/10/21 00:30:00	6.52	28.56					6.525821943	84.15170668			0.01	0.09	Excellent
4803	07/10/21 01:00:00	6.36	28.58					6.366167372	82.12177409			0.01	0.10	Excellent
4804	07/10/21 01:30:00	6.51	28.62					6.516812643	84.12411631			0.01	0.10	Excellent
4805	07/10/21 02:00:00	6.72	28.58					6.727548343	86.78348729			0.01	0.11	Excellent
4806	07/10/21 02:30:00	6.59	28.58					6.597908275	85.11116676			0.01	0.12	Excellent
4807	07/10/21 03:00:00	6.64	28.58					6.648478072	85.76350297			0.01	0.13	Excellent
4808	07/10/21 03:30:00	6.55	28.56					6.558866044	84.5778166			0.01	0.14	Excellent
4809	07/10/21 04:00:00	6.52	28.54					6.529326018	84.16731286			0.01	0.14	Excellent
4810	07/10/21 04:30:00	6.48	28.52					6.489766314	83.62796484			0.01	0.15	Excellent
4811	07/10/21 05:00:00	6.30	28.44					6.309978719	81.19689528			0.01	0.16	Excellent
4812	07/10/21 05:30:00	6.29	28.36					6.300445803	80.96014014			0.01	0.17	Excellent
4813	07/10/21 06:00:00	6.33	28.40					6.340998226	81.53863917			0.01	0.17	Excellent
4814	07/10/21 06:30:00	6.31	28.42					6.321447936	81.31586063			0.01	0.18	Excellent
4815	07/10/21 07:00:00	6.34	28.40					6.351989126	81.6799707			0.01	0.19	Excellent
4816	07/10/21 07:30:00	6.32	28.42					6.332436532	81.45721228			0.01	0.20	Excellent
4817	07/10/21 08:00:00	6.28	28.40					6.292839975	80.91937417			0.01	0.20	Excellent
4818	07/10/21 08:30:00	6.29	28.38					6.303343345	81.02590351			0.01	0.21	Excellent
4819	07/10/21 09:00:00	6.22	28.36					6.233672399	80.10210812			0.01	0.22	Excellent
4820	07/10/21 09:30:00	6.28	28.36					6.294286443	80.88099293			0.01	0.23	Excellent
4821	07/10/21 10:00:00	6.26	28.38					6.274721565	80.65798676			0.01	0.24	Excellent
4822	07/10/21 10:30:00	6.30	28.38					6.315299323	81.17959084			0.02	0.24	Excellent
4823	07/10/21 11:00:00	6.38	28.38					6.395983434	82.21673932			0.02	0.25	Excellent
4824	07/10/21 11:30:00	6.38	28.40					6.396473267	82.25199048			0.02	0.26	Excellent
4825	07/10/21 12:00:00	6.36	28.44					6.376909925	82.05816698			0.02	0.27	Excellent
4826	07/10/21 12:30:00	6.40	28.48					6.417507646	82.63869889			0.02	0.27	Excellent
4827	07/10/21 13:00:00	6.32	28.46					6.337774027	81.58326314			0.02	0.28	Excellent
4828	07/10/21 13:30:00	6.36	28.44					6.378374819	82.07701725			0.02	0.29	Excellent
4829	07/10/21 14:00:00	6.39	28.44					6.408952093	82.47048605			0.02	0.30	Excellent
4830	07/10/21 14:30:00	6.36	28.50					6.379351414	82.17624987			0.02	0.30	Excellent
4831	07/10/21 15:00:00	6.26	28.46					6.279527767	80.83348571			0.02	0.31	Excellent
4832	07/10/21 15:30:00	6.38	28.50					6.400391935	82.44728542			0.02	0.32	Excellent
4833	07/10/21 16:00:00	6.46	28.52					6.481143608	83.51685154			0.02	0.33	Excellent
4834	07/10/21 16:30:00	6.56	28.56					6.581974562	84.87580531			0.02	0.33	Excellent
4835	07/10/21 17:00:00	6.64	28.64					6.66275234	86.03821618			0.02	0.34	Excellent
4836	07/10/21 17:30:00	6.60	28.66					6.623122002	85.55647665			0.02	0.35	Excellent
4837	07/10/21 18:00:00	6.57	28.66					6.593521323	85.1740996			0.02	0.36	Excellent
4838	07/10/21 18:30:00	6.41	28.64					6.433440642	83.07704211			0.02	0.37	Excellent
4839	07/10/21 19:00:00	6.41	28.64					6.433932778	83.08339723			0.02	0.37	Excellent
4840	07/10/21 19:30:00	6.37	28.64					6.394272498	82.57125155			0.02	0.38	Excellent
4841	07/10/21 20:00:00	6.44	28.62					6.465033668	83.45571279			0.03	0.39	Excellent
4842	07/10/21 20:30:00	6.38	28.64					6.405290269	82.71352749			0.03	0.40	Excellent
4843	07/10/21 21:00:00	6.41	28.64					6.435901325	83.10881769			0.03	0.40	Excellent
4844	07/10/21 21:30:00	6.37	28.62					6.39622876	82.56752521			0.03	0.41	Excellent
4845	07/10/21 22:00:00	6.26	28.58					6.286256451	81.09094561			0.03	0.42	Excellent
4846	07/10/21 22:30:00	6.29	28.56					6.316865204	81.45717005			0.03	0.43	Excellent
4847	07/10/21 23:00:00	6.21	28.54					6.237000297	80.39904178			0.03	0.43	Excellent
4848	07/10/21 23:30:00	6.18	28.52				6.301	6.207344339	79.98863888		6.335	0.03	0.44	Excellent
4849	07/11/21 00:00:00	6.22	28.50	5.90	6.71	6.35104		6.247998874	80.48421906	6.391		0.03	0.45	Excellent
4850	07/11/21 00:30:00	6.34	28.52					6.369025808	82.07208712			0.03	0.46	Excellent
4851	07/11/21 01:00:00	6.31	28.52					6.339372921	81.68997619			0.03	0.47	Excellent
4852	07/11/21 01:30:00	6.32	28.50					6.349904698	81.79692906			0.03	0.47	Excellent
4853	07/11/21 02:00:00	6.28	28.48					6.310197583	81.25685964			0.03	0.48	Excellent
4854	07/11/21 02:30:00	6.18	28.46					6.210191208	79.94094793			0.03	0.49	Excellent
4855	07/11/21 03:00:00	6.05	28.48					6.080020615	78.29285458			0.03	0.50	Excellent
4856	07/11/21 03:30:00	6.28	28.52					6.31164405	81.3326584			0.03	0.50	Excellent
4857	07/11/21 04:00:00	6.29	28.52					6.322177363	81.46839201			0.03	0.51	Excellent
4858	07/11/21 04:30:00	5.90	28.52					5.930635245	76.42292984			0.03	0.52	Excellent
4859	07/11/21 05:00:00	6.23	28.52					6.262827058	80.70359634			0.03	0.53	Excellent
4860	07/11/21 05:30:00	6.29	28.48					6.323626133	81.42978003			0.03	0.53	Excellent
4861	07/11/21 06:00:00	6.21	28.42					6.243675237	80.31543256			0.03	0.54	Excellent
4862	07/11/21 06:30:00	6.05	28.40					6.083272095	78.2245493			0.03	0.55	Excellent
4863	07/11/21 07:00:00	6.03	28.32					6.063625067	77.86213347			0.03	0.56	Excellent

4864	07/11/21 07:30:00	6.17	28.32					6.204879459	79.67596071			0.03	0.57	Excellent
4865	07/11/21 08:00:00	6.18	28.32					6.215410467	79.81118788			0.04	0.57	Excellent
4866	07/11/21 08:30:00	6.24	28.32					6.276233343	80.59220564			0.04	0.58	Excellent
4867	07/11/21 09:00:00	6.24	28.32					6.276712428	80.59835749			0.04	0.59	Excellent
4868	07/11/21 09:30:00	6.22	28.32					6.257072309	80.34616156			0.04	0.60	Excellent
4869	07/11/21 10:00:00	6.26	28.30					6.297791336	80.84053204			0.04	0.60	Excellent
4870	07/11/21 10:30:00	6.29	28.30					6.328455369	81.2341457			0.04	0.61	Excellent
4871	07/11/21 11:00:00	6.32	28.28					6.359124007	81.59904713			0.04	0.62	Excellent
4872	07/11/21 11:30:00	6.32	28.30					6.359609234	81.63404702			0.04	0.63	Excellent
4873	07/11/21 12:00:00	6.38	28.36					6.420475105	82.50250545			0.04	0.63	Excellent
4874	07/11/21 12:30:00	6.27	28.26					6.310258646	80.94346883			0.04	0.64	Excellent
4875	07/11/21 13:00:00	6.28	28.22					6.32080501	81.0215681			0.04	0.65	Excellent
4876	07/11/21 13:30:00	6.25	28.20					6.291089934	80.6122209			0.04	0.66	Excellent
4877	07/11/21 14:00:00	6.23	28.16					6.271436763	80.30367219			0.04	0.67	Excellent
4878	07/11/21 14:30:00	6.24	28.12					6.28198236	80.38190218			0.04	0.67	Excellent
4879	07/11/21 15:00:00	6.26	28.14					6.302597539	80.67417958			0.04	0.68	Excellent
4880	07/11/21 15:30:00	6.29	28.18					6.333284604	81.1242509			0.04	0.69	Excellent
4881	07/11/21 16:00:00	6.45	28.28					6.494880851	83.34105265			0.04	0.70	Excellent
4882	07/11/21 16:30:00	6.61	28.38					6.656501666	85.56555343			0.05	0.70	Excellent
4883	07/11/21 17:00:00	6.64	28.44					6.687222513	86.05127374			0.05	0.71	Excellent
4884	07/11/21 17:30:00	6.71	28.46					6.75823551	86.9956713			0.05	0.72	Excellent
4885	07/11/21 18:00:00	6.71	28.46					6.75875068	87.00230284			0.05	0.73	Excellent
4886	07/11/21 18:30:00	6.71	28.46					6.75926585	87.00893439			0.05	0.73	Excellent
4887	07/11/21 19:00:00	6.70	28.44					6.74970683	86.85532281			0.05	0.74	Excellent
4888	07/11/21 19:30:00	6.61	28.42					6.659546618	85.66498849			0.05	0.75	Excellent
4889	07/11/21 20:00:00	6.59	28.38					6.639902661	85.35218262			0.05	0.76	Excellent
4890	07/11/21 20:30:00	6.64	28.38					6.69079108	86.00632439			0.05	0.76	Excellent
4891	07/11/21 21:00:00	6.59	28.36					6.640914573	85.33513203			0.05	0.77	Excellent
4892	07/11/21 21:30:00	6.57	28.34					6.621264474	85.05266383			0.05	0.78	Excellent
4893	07/11/21 22:00:00	6.55	28.32					6.601611303	84.77033701			0.05	0.79	Excellent
4894	07/11/21 22:30:00	6.57	28.30					6.622273315	85.00569002			0.05	0.80	Excellent
4895	07/11/21 23:00:00	6.35	28.24					6.401010445	82.0786126			0.05	0.80	Excellent
4896	07/11/21 23:30:00	6.43	28.24				6.516	6.482146769	83.1190041		6.541	0.05	0.81	Excellent
4897	07/12/21 00:00:00	6.49	28.24	5.92	6.56	6.28708		6.543131643	83.90099843	6.350		0.05	0.82	Excellent
4898	07/12/21 00:30:00	6.46	28.26					6.513382017	83.54898965			0.05	0.83	Excellent
4899	07/12/21 01:00:00	6.41	28.22					6.463460981	82.85016595			0.05	0.83	Excellent
4900	07/12/21 01:30:00	6.33	28.16					6.383279756	81.73578469			0.05	0.84	Excellent
4901	07/12/21 02:00:00	6.24	28.12					6.293001308	80.52289654			0.05	0.85	Excellent
4902	07/12/21 02:30:00	6.29	28.10					6.343908922	81.14561414			0.05	0.86	Excellent
4903	07/12/21 03:00:00	6.21	28.08					6.263700057	80.09134214			0.05	0.86	Excellent
4904	07/12/21 03:30:00	6.31	28.06					6.365049251	81.35848519			0.06	0.87	Excellent
4905	07/12/21 04:00:00	6.28	28.04					6.335269683	80.94921096			0.06	0.88	Excellent
4906	07/12/21 04:30:00	6.25	28.02					6.305485509	80.5401498			0.06	0.89	Excellent
4907	07/12/21 05:00:00	6.29	28.00					6.346323539	81.03310097			0.06	0.90	Excellent
4908	07/12/21 05:30:00	6.26	27.98					6.316535526	80.62421556			0.06	0.90	Excellent
4909	07/12/21 06:00:00	6.29	27.96					6.347289386	80.98808462			0.06	0.91	Excellent
4910	07/12/21 06:30:00	6.28	27.94					6.337680462	80.83685296			0.06	0.92	Excellent
4911	07/12/21 07:00:00	6.23	27.92					6.28769954	80.17095004			0.06	0.93	Excellent
4912	07/12/21 07:30:00	6.18	27.92					6.23771094	79.53357328			0.06	0.93	Excellent
4913	07/12/21 08:00:00	6.17	27.92					6.228091267	79.41091819			0.06	0.94	Excellent
4914	07/12/21 08:30:00	6.18	27.92					6.238659896	79.54567289			0.06	0.95	Excellent
4915	07/12/21 09:00:00	6.24	27.94					6.299708494	80.35252208			0.06	0.96	Excellent
4916	07/12/21 09:30:00	6.25	27.96					6.310284033	80.51591572			0.06	0.96	Excellent
4917	07/12/21 10:00:00	6.22	27.98					6.280472219	80.16390376			0.06	0.97	Excellent
4918	07/12/21 10:30:00	6.27	28.00					6.331439718	80.84305674			0.06	0.98	Excellent
4919	07/12/21 11:00:00	6.25	28.02					6.311723591	80.61982901			0.06	0.99	Excellent
4920	07/12/21 11:30:00	6.26	28.04					6.322302969	80.78352814			0.06	1.00	Excellent
4921	07/12/21 12:00:00	6.27	28.04					6.332883882	80.91872627			0.06	1.00	Excellent
4922	07/12/21 12:30:00	6.28	28.06					6.343466331	81.08261087			0.06	1.01	Excellent
4923	07/12/21 13:00:00	6.26	28.08					6.32374483	80.85910981			0.06	1.02	Excellent
4924	07/12/21 13:30:00	6.21	28.06					6.273712467	80.19101231			0.06	1.03	Excellent
4925	07/12/21 14:00:00	6.14	27.98					6.203465698	79.18099306			0.06	1.03	Excellent
4926	07/12/21 14:30:00	6.06	27.94					6.123104048	78.09993965			0.06	1.04	Excellent
4927	07/12/21 15:00:00	6.03	27.92					6.093254614	77.69169123			0.06	1.05	Excellent
4928	07/12/21 15:30:00	6.56	28.28					6.629317959	85.06612357			0.07	1.06	Excellent
4929	07/12/21 16:00:00	6.50	28.36					6.569183	84.41338802			0.07	1.06	Excellent
4930	07/12/21 16:30:00	6.55	28.42					6.620218063	85.15908614			0.07	1.07	Excellent
4931	07/12/21 17:00:00	6.45	28.32					6.519641239	83.71777126			0.07	1.08	Excellent
4932	07/12/21 17:30:00	6.35	28.28					6.41904906	82.3679938			0.07	1.09	Excellent
4933	07/12/21 18:00:00	6.51	28.36					6.581288693	84.56894504			0.07	1.10	Excellent
4934	07/12/21 18:30:00	6.35	28.14					6.42002412	82.17725716			0.07	1.10	Excellent
4935	07/12/21 19:00:00	6.12	27.90					6.187957685	78.87125213			0.07	1.11	Excellent
4936	07/12/21 19:30:00	5.97	27.72					6.03675041	76.69873273			0.07	1.12	Excellent
4937	07/12/21 20:00:00	5.92	27.62					5.986645878	75.92711488			0.07	1.13	Excellent
4938	07/12/21 20:30:00	6.03	27.56					6.098347192	77.26129935			0.07	1.13	Excellent
4939	07/12/21 21:00:00	6.32	27.60					6.392119432	81.04080762			0.07	1.14	Excellent
4940	07/12/21 21:30:00	6.53	27.66					6.605017155	83.82934145			0.08	1.15	Excellent
4941	07/12/21 22:00:00	6.51	27.66					6.585287208	83.57893355			0.08	1.16	Excellent
4942	07/12/21 22:30:00	6.45	27.62					6.525088524	82.75604672			0.08	1.16	Excellent
4943	07/12/21 23:00:00	6.41	27.62					6.485114996	82.24907257			0.08	1.17	Excellent
4944	07/12/21 23:30:00	6.36	27.62				6.628	6.435017373	81.6136971		6.636	0.08	1.18	Excellent
4945	07/13/21 00:00:00	6.47	27.64	6.47	7.30	6.92979		6.546811587	83.06108097	6.917		0.08	1.19	Excellent
4946	07/13/21 00:30:00	6.60	27.64					6.678861666	84.73643425			0.08	1.19	Excellent
4947	07/13/21 01:00:00	6.57	27.66					6.649007625	84.38765826			0.08	1.20	Excellent
4948	07/13/21 01:30:00	6.70	27.66					6.781085343	86.06395795			0.08	1.21	Excellent
4949	07/13/21 02:00:00	6.70	27.68					6.781599745	86.10107747			0.08	1.22	Excellent
4950	07/13/21 02:30:00	6.73	27.68					6.812481822	86.49316492			0.08	1.23	Excellent
4951	07/13/21 03:00:00	6.77	27.70					6.853491832	87.04475751			0.08	1.23	Excellent
4952	07/13/21 03:30:00	6.73	27.70					6.813515233	86.53702313			0.08	1.24	Excellent
4953	07/13/21 04:00:00	6.78	27.70					6.864656246	87.18655439			0.08	1.25	Excellent
4954	07/13/21 04:30:00	6.74	27.70					6.824674272	86.67875175			0.08	1.26	Excellent
4955	07/13/21 05:00:00	6.81	27.70					6.896076526	87.58561675			0.09	1.26	Excellent
4956	07/13/21 05:30:00	6.78	27.70					6.866217878	87.20638835			0.09	1.27	Excellent
4957	07/13/21 06:00:00	6.76	27.68					6.846482557	86.9248477			0.09	1.28	Excellent
4958	07/13/21 06:30:00	6.79	27.68					6.877387667	87.31722758			0.09	1.29	Excellent
4959	07/13/21 07:00:00	6.81	27.68					6.898167915	87.58105939			0.09	1.29	Excellent
4960	07/13/21 07:30:00	6.82	27.66					6.908820998	87.68514917			0.09	1.30	Excellent
4961	07/13/21 08:00:00	6.83	27.66					6.919475617	87.82037511			0.09	1.31	Excellent
4962	07/13/21 08:30:00	6.83	27.64					6.92	87.79581827			0.09	1.32	Excellent
4963	07/13/21 09:00:00	7.00	27.52					6.93	88.43711534			-0.07	-1.00	Excellent
4964	07/13/21 09:30:00	6.97	27.54					6.900269596	88.08909664			-0.07	-1.00	Excellent
4965	07/13/21 10:00:00	6.97	27.48					6.900239192	87.99456142			-0.07	-1.00	Excellent
4966	07/13/21 10:30:00	6.97	27.42					6.900208788	87.90005415			-0.07	-1.00	Excellent
4967	07/13/21 11:00:00	7.04	27.46					6.969477162	88.84582006			-0.07	-1.00	Excellent
4968	07/13/21 11:30:00	7.10	27.54					7.028845144	89.73049684			-0.07	-1.00	Excellent
4969	07/13/21 12:00:00	7.11	27.48					7.038713911	89.76044545			-0.07	-1.00	Excellent
4970	07/13/21 12:30:00	7.10	27.56					7.028783201	89.76167921			-0.07	-1.00	Excellent
4971	07/13/21 13:00:00	7.15	27.58					7.078250485	90.42560666			-0.07	-1.00	Excellent
4972	07/13/21 13:30:00	7.21	27.64					7.137616941	91.28145397			-0.07	-1.00	Excellent
4973	07/13/21 14:00:00	7.14	27.60					7.068288543	90.33050054			-0.07	-1.00	Excellent
4974	07/13/21 14:30:00	7.09	27.50					7.018759796	89.53790107			-0.07	-1.00	Excellent
4975	07/13/21 15:00:00	7.12	27.46					7.048427298	89.85226423			-0.07	-1.01	Excellent
4976	07/13/21 15:30:00	7.11	27.38					7.038496807	89.59768249			-0.07	-1.01	Excellent
4977	07/13/21 16:00:00	7.03	27.34					6.959270678	88.52590448			-0.07	-1.01	Excellent
4978	07/13/21 16:30:00	7.11	27.36					7.038434777	89.56490347			-0.07	-1.01	Excellent
4979	07/13/21 17:00:00	7.20	27.50					7.127497481	90.92506124			-0.07	-1.01	Excellent

4980	07/13/21 17:30:00	7.24	27.50					7.167063107	91.42979758			-0.07	-1.01	Excellent
4981	07/13/21 18:00:00	7.30	27.52					7.226426814	92.21996272			-0.07	-1.01	Excellent
4982	07/13/21 18:30:00	7.16	27.46					7.087806574	90.35426516			-0.07	-1.01	Excellent
4983	07/13/21 19:00:00	7.14	27.40					7.067977086	90.00508321			-0.07	-1.01	Excellent
4984	07/13/21 19:30:00	7.01	27.36					6.939257849	88.30286549			-0.07	-1.01	Excellent
4985	07/13/21 20:00:00	6.99	27.26					6.91942919	87.89334577			-0.07	-1.01	Excellent
4986	07/13/21 20:30:00	6.95	27.26					6.879802711	87.38999446			-0.07	-1.01	Excellent
4987	07/13/21 21:00:00	6.88	27.24					6.810479723	86.47849056			-0.07	-1.01	Excellent
4988	07/13/21 21:30:00	6.87	27.26					6.800550802	86.38330513			-0.07	-1.01	Excellent
4989	07/13/21 22:00:00	6.87	27.28					6.800520834	86.41381785			-0.07	-1.01	Excellent
4990	07/13/21 22:30:00	6.86	27.30					6.790592044	86.31850451			-0.07	-1.01	Excellent
4991	07/13/21 23:00:00	6.88	27.32					6.810359677	86.60072444			-0.07	-1.01	Excellent
4992	07/13/21 23:30:00	6.84	27.34				6.765	6.770734725	86.1276193		6.766	-0.07	-1.01	Excellent
4993	07/14/21 00:00:00	6.88	27.34	6.84	7.39	7.09479		6.810299654	86.63090782	7.022		-0.07	-1.01	Excellent
4994	07/14/21 00:30:00	6.92	27.38					6.849864233	87.19645366			-0.07	-1.01	Excellent
4995	07/14/21 01:00:00	6.89	27.38					6.820138235	86.81805176			-0.07	-1.01	Excellent
4996	07/14/21 01:30:00	6.90	27.40					6.83000674	86.97471957			-0.07	-1.01	Excellent
4997	07/14/21 02:00:00	6.89	27.42					6.820078124	86.87928944			-0.07	-1.01	Excellent
4998	07/14/21 02:30:00	6.89	27.44					6.820048069	86.90991231			-0.07	-1.02	Excellent
4999	07/14/21 03:00:00	6.89	27.46					6.820018014	86.94053789			-0.07	-1.02	Excellent
5000	07/14/21 03:30:00	6.89	27.48					6.819987959	86.97116617			-0.07	-1.02	Excellent
5001	07/14/21 04:00:00	6.87	27.48					6.800161219	86.71832779			-0.07	-1.02	Excellent
5002	07/14/21 04:30:00	6.84	27.50					6.770436355	86.3700537			-0.07	-1.02	Excellent
5003	07/14/21 05:00:00	6.89	27.52					6.819897793	87.03204729			-0.07	-1.02	Excellent
5004	07/14/21 05:30:00	6.91	27.54					6.839664161	87.31540542			-0.07	-1.02	Excellent
5005	07/14/21 06:00:00	6.89	27.54					6.819837683	87.06229987			-0.07	-1.02	Excellent
5006	07/14/21 06:30:00	6.94	27.56					6.869298249	87.72496294			-0.07	-1.02	Excellent
5007	07/14/21 07:00:00	6.99	27.58					6.918758379	88.38807345			-0.07	-1.02	Excellent
5008	07/14/21 07:30:00	7.05	27.62					6.97811611	89.20987711			-0.07	-1.02	Excellent
5009	07/14/21 08:00:00	7.12	27.66					7.047371311	90.15939512			-0.07	-1.02	Excellent
5010	07/14/21 08:30:00	7.18	27.68					7.106727951	90.95111106			-0.07	-1.02	Excellent
5011	07/14/21 09:00:00	7.22	27.72					7.146288256	91.52246191			-0.07	-1.02	Excellent
5012	07/14/21 09:30:00	7.22	27.76					7.146256761	91.58713341			-0.07	-1.02	Excellent
5013	07/14/21 10:00:00	7.23	27.76					7.156123085	91.71358119			-0.07	-1.02	Excellent
5014	07/14/21 10:30:00	7.17	27.74					7.096704895	90.91975841			-0.07	-1.02	Excellent
5015	07/14/21 11:00:00	7.17	27.72					7.096673618	90.88704761			-0.07	-1.02	Excellent
5016	07/14/21 11:30:00	7.13	27.68					7.05705159	90.31535854			-0.07	-1.02	Excellent
5017	07/14/21 12:00:00	7.14	27.66					7.066918132	90.40946419			-0.07	-1.02	Excellent
5018	07/14/21 12:30:00	7.13	27.62					7.056989385	90.2182116			-0.07	-1.02	Excellent
5019	07/14/21 13:00:00	7.13	27.58					7.056958283	90.1535959			-0.07	-1.02	Excellent
5020	07/14/21 13:30:00	7.13	27.58					7.056927181	90.15319857			-0.07	-1.02	Excellent
5021	07/14/21 14:00:00	7.16	27.64					7.086588489	90.62886204			-0.07	-1.03	Excellent
5022	07/14/21 14:30:00	7.12	27.60					7.046967551	90.05802498			-0.07	-1.03	Excellent
5023	07/14/21 15:00:00	7.12	27.60					7.046936492	90.05762806			-0.07	-1.03	Excellent
5024	07/14/21 15:30:00	7.11	27.60					7.037008095	89.93074627			-0.07	-1.03	Excellent
5025	07/14/21 16:00:00	7.10	27.62					7.027079784	89.83584023			-0.07	-1.03	Excellent
5026	07/14/21 16:30:00	7.08	27.64					7.00725431	89.61427421			-0.07	-1.03	Excellent
5027	07/14/21 17:00:00	7.08	27.66					7.007223426	89.6457697			-0.07	-1.03	Excellent
5028	07/14/21 17:30:00	7.10	27.68					7.026986871	89.93059362			-0.07	-1.03	Excellent
5029	07/14/21 18:00:00	7.10	27.70					7.0269559	89.96218372			-0.07	-1.03	Excellent
5030	07/14/21 18:30:00	7.12	27.74					7.046719083	90.2793629			-0.07	-1.03	Excellent
5031	07/14/21 19:00:00	7.19	27.78					7.115967261	91.23134442			-0.07	-1.03	Excellent
5032	07/14/21 19:30:00	7.24	27.80					7.165420848	91.89800431			-0.07	-1.03	Excellent
5033	07/14/21 20:00:00	7.22	27.82					7.145595373	91.67628401			-0.07	-1.03	Excellent
5034	07/14/21 20:30:00	7.27	27.84					7.195048392	92.34352841			-0.07	-1.03	Excellent
5035	07/14/21 21:00:00	7.30	27.84					7.224707257	92.72417967			-0.08	-1.03	Excellent
5036	07/14/21 21:30:00	7.32	27.84					7.244469045	92.97780871			-0.08	-1.03	Excellent
5037	07/14/21 22:00:00	7.33	27.84					7.254333886	93.10441721			-0.08	-1.03	Excellent
5038	07/14/21 22:30:00	7.34	27.84					7.26419864	93.23102458			-0.08	-1.03	Excellent
5039	07/14/21 23:00:00	7.36	27.84					7.283959991	93.48464802			-0.08	-1.03	Excellent
5040	07/14/21 23:30:00	7.39	27.86				6.749	7.31361781	93.89860315		6.748	-0.08	-1.03	Excellent
5041	07/15/21 00:00:00	7.41	27.88	6.77	7.41	7.09771		7.333378768	94.18572218	7.024		-0.08	-1.03	Excellent
5042	07/15/21 00:30:00	7.41	27.88					7.333346445	94.18530703			-0.08	-1.03	Excellent
5043	07/15/21 01:00:00	7.36	27.88					7.28383157	93.5493663			-0.08	-1.03	Excellent
5044	07/15/21 01:30:00	7.32	27.88					7.244213598	93.04053573			-0.08	-1.04	Excellent
5045	07/15/21 02:00:00	7.30	27.88					7.224388821	92.78591763			-0.08	-1.04	Excellent
5046	07/15/21 02:30:00	7.28	27.86					7.204564218	92.49847805			-0.08	-1.04	Excellent
5047	07/15/21 03:00:00	7.23	27.84					7.155050783	91.83018644			-0.07	-1.04	Excellent
5048	07/15/21 03:30:00	7.18	27.82					7.105537784	91.1623547			-0.07	-1.04	Excellent
5049	07/15/21 04:00:00	7.13	27.82					7.056025221	90.52712033			-0.07	-1.04	Excellent
5050	07/15/21 04:30:00	7.13	27.80					7.055994119	90.49458388			-0.07	-1.04	Excellent
5051	07/15/21 05:00:00	7.06	27.78					6.986689888	89.57392413			-0.07	-1.04	Excellent
5052	07/15/21 05:30:00	7.00	27.78					6.927282385	88.81228117			-0.07	-1.04	Excellent
5053	07/15/21 06:00:00	6.96	27.76					6.887667553	88.27302855			-0.07	-1.04	Excellent
5054	07/15/21 06:30:00	6.90	27.74					6.82826101	87.48057734			-0.07	-1.04	Excellent
5055	07/15/21 07:00:00	6.88	27.72					6.808438938	87.19562814			-0.07	-1.04	Excellent
5056	07/15/21 07:30:00	6.85	27.68					6.778721097	86.75331595			-0.07	-1.04	Excellent
5057	07/15/21 08:00:00	6.80	27.64					6.729211718	86.05844707			-0.07	-1.04	Excellent
5058	07/15/21 08:30:00	6.77	27.60					6.699494487	85.61742871			-0.07	-1.04	Excellent
5059	07/15/21 09:00:00	6.80	27.56					6.729152393	85.93521825			-0.07	-1.04	Excellent
5060	07/15/21 09:30:00	6.84	27.56					6.768705805	86.4403385			-0.07	-1.04	Excellent
5061	07/15/21 10:00:00	6.92	27.60					6.847841769	87.51326023			-0.07	-1.04	Excellent
5062	07/15/21 10:30:00	6.99	27.66					6.917081353	88.49255181			-0.07	-1.04	Excellent
5063	07/15/21 11:00:00	7.04	27.72					6.966529051	89.22028708			-0.07	-1.04	Excellent
5064	07/15/21 11:30:00	7.14	27.80					7.065454284	90.61591246			-0.07	-1.04	Excellent
5065	07/15/21 12:00:00	7.16	27.86					7.085214239	90.96615894			-0.07	-1.04	Excellent
5066	07/15/21 12:30:00	7.22	27.92					7.144556048	91.82570141			-0.08	-1.04	Excellent
5067	07/15/21 13:00:00	7.22	27.94					7.144524554	91.8578564			-0.08	-1.05	Excellent
5068	07/15/21 13:30:00	7.26	27.98					7.184074738	92.43184672			-0.08	-1.05	Excellent
5069	07/15/21 14:00:00	7.27	28.00					7.193938445	92.59154994			-0.08	-1.05	Excellent
5070	07/15/21 14:30:00	7.28	28.02					7.203802065	92.75134521			-0.08	-1.05	Excellent
5071	07/15/21 15:00:00	7.27	28.04					7.193875019	92.65633204			-0.08	-1.05	Excellent
5072	07/15/21 15:30:00	7.24	28.04					7.164157571	92.27357452			-0.08	-1.05	Excellent
5073	07/15/21 16:00:00	7.24	28.04					7.164125989	92.27316775			-0.08	-1.05	Excellent
5074	07/15/21 16:30:00	7.25	28.08					7.173989565	92.46563959			-0.08	-1.05	Excellent
5075	07/15/21 17:00:00	7.23	28.10					7.154167711	92.24278495			-0.08	-1.05	Excellent
5076	07/15/21 17:30:00	7.21	28.12					7.134346031	92.01975497			-0.08	-1.05	Excellent
5077	07/15/21 18:00:00	7.17	28.12					7.094734471	91.50883975			-0.08	-1.05	Excellent
5078	07/15/21 18:30:00	7.15	28.14					7.074913228	91.2854571			-0.08	-1.05	Excellent
5079	07/15/21 19:00:00	7.12	28.14					7.045197218	90.90204045			-0.07	-1.05	Excellent
5080	07/15/21 19:30:00	7.09	28.12					7.015481471	90.48662389			-0.07	-1.05	Excellent
5081	07/15/21 20:00:00	7.07	28.10					6.995660838	90.19906499			-0.07	-1.05	Excellent
5082	07/15/21 20:30:00	7.03	28.08					6.956050762	89.65662368			-0.07	-1.05	Excellent
5083	07/15/21 21:00:00	6.98	28.04					6.906546269	88.95556882			-0.07	-1.05	Excellent
5084	07/15/21 21:30:00	6.96	28.00					6.886726377	88.6374931			-0.07	-1.05	Excellent
5085	07/15/21 22:00:00	6.93	27.96					6.857011982	88.1925315			-0.07	-1.05	Excellent
5086	07/15/21 22:30:00	6.90	27.92					6.827297849	87.74812731			-0.07	-1.05	Excellent
5087	07/15/21 23:00:00	6.87	27.90					6.797583977	87.33525293			-0.07	-1.05	Excellent
5088	07/15/21 23:30:00	6.87	27.86				6.720	6.797554009	87.27292606		6.713	-0.07	-1.05	Excellent
5089	07/16/21 00:00:00	6.87	27.84	6.74	6.87	6.79208		6.797524041	87.24157507	6.720		-0.07	-1.05	Excellent
5090	07/16/21 00:30:00	6.83	27.80					6.757916233	86.67167335			-0.07	-1.06	Excellent
5091	07/16/21 01:00:00	6.83	27.78					6.75788644	86.6405146			-0.07	-1.06	Excellent
5092	07/16/21 01:30:00	6.81	27.72					6.738067901	86.29438678			-0.07	-1.06	Excellent
5093	07/16/21 02:00:00	6.80	27.68					6.728143865	86.10603419			-0.07	-1.06	Excellent
5094	07/16/21 02:30:00	6.77	27.60					6.698431346	85.6038421			-0.07	-1.06	Excellent
5095	07/16/21 03:00:00	6.78	27.54					6.708296056	85.63835534			-0.07	-1.06	Excellent

5096	07/16/21 03:30:00	6.78	27.48					6.708266481	85.54644998			-0.07	-1.06	Excellent
5097	07/16/21 04:00:00	6.80	27.40					6.728025215	85.67606572			-0.07	-1.06	Excellent
5098	07/16/21 04:30:00	6.79	27.36					6.718101441	85.4886244			-0.07	-1.06	Excellent
5099	07/16/21 05:00:00	6.77	27.32					6.698283687	85.17556301			-0.07	-1.06	Excellent
5100	07/16/21 05:30:00	6.79	27.28					6.718042203	85.36576675			-0.07	-1.06	Excellent
5101	07/16/21 06:00:00	6.76	27.24					6.688330644	84.92745914			-0.07	-1.06	Excellent
5102	07/16/21 06:30:00	6.77	27.22					6.698195092	85.02229372			-0.07	-1.06	Excellent
5103	07/16/21 07:00:00	6.74	27.18					6.668483881	84.58459297			-0.07	-1.06	Excellent
5104	07/16/21 07:30:00	6.74	27.16					6.668454481	84.55394096			-0.07	-1.06	Excellent
5105	07/16/21 08:00:00	6.75	27.14					6.678318886	84.64869755			-0.07	-1.06	Excellent
5106	07/16/21 08:30:00	6.74	27.10					6.668395679	84.46237608			-0.07	-1.06	Excellent
5107	07/16/21 09:00:00	6.74	27.08					6.668366278	84.43173643			-0.07	-1.06	Excellent
5108	07/16/21 09:30:00	6.78	27.08					6.707911577	84.93244051			-0.07	-1.06	Excellent
5109	07/16/21 10:00:00	6.76	27.06					6.688094739	84.65117503			-0.07	-1.06	Excellent
5110	07/16/21 10:30:00	6.75	27.06					6.678171663	84.52557872			-0.07	-1.06	Excellent
5111	07/16/21 11:00:00	6.77	27.06					6.697929307	84.7756511			-0.07	-1.06	Excellent
5112	07/16/21 11:30:00	6.76	27.04					6.688006275	84.61970465			-0.07	-1.06	Excellent
5113	07/16/21 12:00:00	6.78	27.04					6.7077637	84.8696846			-0.07	-1.07	Excellent
5114	07/16/21 12:30:00	6.78	27.04					6.707734125	84.8693104			-0.07	-1.07	Excellent
5115	07/16/21 13:00:00	6.79	27.04					6.717597919	84.99411162			-0.07	-1.07	Excellent
5116	07/16/21 13:30:00	6.78	27.02					6.707674974	84.83812491			-0.07	-1.07	Excellent
5117	07/16/21 14:00:00	6.79	27.02					6.717538681	84.96288027			-0.07	-1.07	Excellent
5118	07/16/21 14:30:00	6.79	26.98					6.717509062	84.90155081			-0.07	-1.07	Excellent
5119	07/16/21 15:00:00	6.80	26.96					6.727372638	84.99569712			-0.07	-1.07	Excellent
5120	07/16/21 15:30:00	6.80	26.96					6.727342976	84.99532236			-0.07	-1.07	Excellent
5121	07/16/21 16:00:00	6.77	26.94					6.69763399	84.58958974			-0.07	-1.07	Excellent
5122	07/16/21 16:30:00	6.80	26.94					6.727283651	84.9640582			-0.07	-1.07	Excellent
5123	07/16/21 17:00:00	6.80	26.94					6.727253988	84.96368357			-0.07	-1.07	Excellent
5124	07/16/21 17:30:00	6.78	26.94					6.707438371	84.71341685			-0.07	-1.07	Excellent
5125	07/16/21 18:00:00	6.81	26.92					6.737087596	85.05732356			-0.07	-1.07	Excellent
5126	07/16/21 18:30:00	6.79	26.88					6.717272111	84.74622417			-0.07	-1.07	Excellent
5127	07/16/21 19:00:00	6.81	26.86					6.737028184	84.96492266			-0.07	-1.07	Excellent
5128	07/16/21 19:30:00	6.84	26.84					6.766676885	85.30816219			-0.07	-1.07	Excellent
5129	07/16/21 20:00:00	6.82	26.82					6.74686153	85.02776175			-0.07	-1.07	Excellent
5130	07/16/21 20:30:00	6.84	26.78					6.766617211	85.21539081			-0.07	-1.07	Excellent
5131	07/16/21 21:00:00	6.83	26.76					6.756694702	85.05980935			-0.07	-1.07	Excellent
5132	07/16/21 21:30:00	6.85	26.74					6.776450165	85.27780118			-0.07	-1.07	Excellent
5133	07/16/21 22:00:00	6.83	26.70					6.756635115	84.96720998			-0.07	-1.07	Excellent
5134	07/16/21 22:30:00	6.83	26.64					6.756605322	84.87501196			-0.07	-1.07	Excellent
5135	07/16/21 23:00:00	6.82	26.58					6.746683031	84.65870713			-0.07	-1.08	Excellent
5136	07/16/21 23:30:00	6.81	26.52				6.707	6.736760828	84.44269826		6.691	-0.07	-1.08	Excellent
5137	07/17/21 00:00:00	6.78	26.46	6.55	6.87	6.75042		6.707053892	83.97925872	6.677		-0.07	-1.08	Excellent
5138	07/17/21 00:30:00	6.81	26.42					6.736701416	84.28950559			-0.07	-1.08	Excellent
5139	07/17/21 01:00:00	6.81	26.32					6.736671709	84.13675618			-0.07	-1.08	Excellent
5140	07/17/21 01:30:00	6.79	26.26					6.716857445	83.79816401			-0.07	-1.08	Excellent
5141	07/17/21 02:00:00	6.81	26.24					6.736612297	84.0141629			-0.07	-1.08	Excellent
5142	07/17/21 02:30:00	6.79	26.18					6.716798207	83.67596513			-0.07	-1.08	Excellent
5143	07/17/21 03:00:00	6.81	26.16					6.736552885	83.89161591			-0.07	-1.08	Excellent
5144	07/17/21 03:30:00	6.80	26.12					6.726631074	83.7072608			-0.07	-1.08	Excellent
5145	07/17/21 04:00:00	6.80	26.10					6.726601411	83.67649749			-0.07	-1.08	Excellent
5146	07/17/21 04:30:00	6.76	26.08					6.68700368	83.15370344			-0.07	-1.08	Excellent
5147	07/17/21 05:00:00	6.75	26.06					6.677082218	83.00016386			-0.07	-1.08	Excellent
5148	07/17/21 05:30:00	6.77	26.04					6.696836633	83.21547164			-0.07	-1.08	Excellent
5149	07/17/21 06:00:00	6.75	26.02					6.677023329	82.93911049			-0.07	-1.08	Excellent
5150	07/17/21 06:30:00	6.75	26.00					6.676993884	82.90858827			-0.07	-1.08	Excellent
5151	07/17/21 07:00:00	6.73	25.96					6.657180842	82.60244276			-0.07	-1.08	Excellent
5152	07/17/21 07:30:00	6.71	25.96					6.637367973	82.35660426			-0.07	-1.08	Excellent
5153	07/17/21 08:00:00	6.71	25.96					6.637338703	82.35624108			-0.07	-1.08	Excellent
5154	07/17/21 08:30:00	6.63	25.96					6.558176087	81.37398963			-0.07	-1.08	Excellent
5155	07/17/21 09:00:00	6.55	25.96					6.479014168	80.39174685			-0.07	-1.08	Excellent
5156	07/17/21 09:30:00	6.63	25.98					6.558118245	81.4028862			-0.07	-1.08	Excellent
5157	07/17/21 10:00:00	6.63	26.02					6.558089324	81.46176346			-0.07	-1.08	Excellent
5158	07/17/21 10:30:00	6.68	26.04					6.607517872	82.10558898			-0.07	-1.09	Excellent
5159	07/17/21 11:00:00	6.67	26.08					6.597597283	82.04192403			-0.07	-1.09	Excellent
5160	07/17/21 11:30:00	6.65	26.12					6.577785374	81.85500137			-0.07	-1.09	Excellent
5161	07/17/21 12:00:00	6.68	26.16					6.607430455	82.28362893			-0.07	-1.09	Excellent
5162	07/17/21 12:30:00	6.68	26.18					6.607401315	82.31312971			-0.07	-1.09	Excellent
5163	07/17/21 13:00:00	6.67	26.22					6.597480901	82.24918972			-0.07	-1.09	Excellent
5164	07/17/21 13:30:00	6.69	26.26					6.617234269	82.55528529			-0.07	-1.09	Excellent
5165	07/17/21 14:00:00	6.71	26.26					6.636987464	82.80172217			-0.07	-1.09	Excellent
5166	07/17/21 14:30:00	6.72	26.28					6.646849338	82.95481248			-0.07	-1.09	Excellent
5167	07/17/21 15:00:00	6.70	26.26					6.627037822	82.67759244			-0.07	-1.09	Excellent
5168	07/17/21 15:30:00	6.76	26.26					6.686354942	83.41762091			-0.07	-1.09	Excellent
5169	07/17/21 16:00:00	6.75	26.26					6.67643444	83.29385472			-0.07	-1.09	Excellent
5170	07/17/21 16:30:00	6.76	26.28					6.686295965	83.44711904			-0.07	-1.09	Excellent
5171	07/17/21 17:00:00	6.77	26.32					6.696157404	83.63075821			-0.07	-1.09	Excellent
5172	07/17/21 17:30:00	6.79	26.34					6.715909639	83.90782718			-0.07	-1.09	Excellent
5173	07/17/21 18:00:00	6.79	26.34					6.71588002	83.90745712			-0.07	-1.09	Excellent
5174	07/17/21 18:30:00	6.79	26.32					6.715850401	83.87671124			-0.07	-1.09	Excellent
5175	07/17/21 19:00:00	6.78	26.30					6.70593003	83.7224839			-0.07	-1.09	Excellent
5176	07/17/21 19:30:00	6.78	26.30					6.705900454	83.72211466			-0.07	-1.09	Excellent
5177	07/17/21 20:00:00	6.77	26.30					6.695980214	83.59826202			-0.07	-1.09	Excellent
5178	07/17/21 20:30:00	6.80	26.30					6.725622546	83.96834189			-0.07	-1.09	Excellent
5179	07/17/21 21:00:00	6.82	26.26					6.745374039	84.15393131			-0.07	-1.09	Excellent
5180	07/17/21 21:30:00	6.83	26.24					6.755234824	84.24640961			-0.07	-1.09	Excellent
5181	07/17/21 22:00:00	6.84	26.20					6.765095521	84.3082185			-0.07	-1.10	Excellent
5182	07/17/21 22:30:00	6.84	26.16					6.765065684	84.24669139			-0.07	-1.10	Excellent
5183	07/17/21 23:00:00	6.86	26.14					6.784816653	84.46199134			-0.08	-1.10	Excellent
5184	07/17/21 23:30:00	6.87	26.10				6.758	6.794677088	84.52333438		6.729	-0.08	-1.10	Excellent
5185	07/18/21 00:00:00	6.90	26.06	6.79	6.93	6.86083		6.824318069	84.83039439	6.785		-0.08	-1.10	Excellent
5186	07/18/21 00:30:00	6.92	26.04					6.844068515	85.04498774			-0.08	-1.10	Excellent
5187	07/18/21 01:00:00	6.91	26.04					6.8341481	84.92171581			-0.08	-1.10	Excellent
5188	07/18/21 01:30:00	6.91	26.02					6.834117957	84.89047236			-0.08	-1.10	Excellent
5189	07/18/21 02:00:00	6.92	26.02					6.843977957	85.01294903			-0.08	-1.10	Excellent
5190	07/18/21 02:30:00	6.91	26.00					6.834057673	84.85885768			-0.08	-1.10	Excellent
5191	07/18/21 03:00:00	6.91	26.00					6.83402753	84.8584834			-0.08	-1.10	Excellent
5192	07/18/21 03:30:00	6.85	25.98					6.774657324	84.09068556			-0.08	-1.10	Excellent
5193	07/18/21 04:00:00	6.92	25.96					6.843857213	84.91872717			-0.08	-1.10	Excellent
5194	07/18/21 04:30:00	6.90	25.94					6.82404718	84.6421115			-0.08	-1.10	Excellent
5195	07/18/21 05:00:00	6.90	25.94					6.824017081	84.64173817			-0.08	-1.10	Excellent
5196	07/18/21 05:30:00	6.90	25.92					6.823986982	84.6105555			-0.08	-1.10	Excellent
5197	07/18/21 06:00:00	6.88	25.90					6.804177298	84.33421825			-0.08	-1.10	Excellent
5198	07/18/21 06:30:00	6.87	25.90					6.794257538	84.21126801			-0.08	-1.10	Excellent
5199	07/18/21 07:00:00	6.88	25.88					6.804117275	84.30276016			-0.08	-1.10	Excellent
5200	07/18/21 07:30:00	6.86	25.88					6.78430794	84.05732324			-0.08	-1.10	Excellent
5201	07/18/21 08:00:00	6.86	25.88					6.784278016	84.05695248			-0.08	-1.10	Excellent
5202	07/18/21 08:30:00	6.85	25.86					6.774358517	83.90347318			-0.08	-1.10	Excellent
5203	07/18/21 09:00:00	6.84	25.86					6.764439105	83.78061681			-0.08	-1.10	Excellent
5204	07/18/21 09:30:00	6.84	25.86					6.764409268	83.78024726			-0.08	-1.11	Excellent
5205	07/18/21 10:00:00	6.84	25.88					6.764379431	83.81040975			-0.08	-1.11	Excellent
5206	07/18/21 10:30:00	6.84	25.88					6.764349594	83.81004007			-0.08	-1.11	Excellent
5207	07/18/21 11:00:00	6.84	25.90					6.764319757	83.84020488			-0.08	-1.11	Excellent
5208	07/18/21 11:30:00	6.83	25.92					6.754400607	83.74775465			-0.08	-1.11	Excellent
5209	07/18/21 12:00:00	6.85	25.94					6.774149352	84.02320349			-0.08	-1.11	Excellent
5210	07/18/21 12:30:00	6.84	25.96					6.764230246	83.93071406			-0.08	-1.11	Excellent
5211	07/18/21 13:00:00	6.84	25.98					6.764200409	83.96088871			-0.08	-1.11	Excellent

5212	07/18/21 13:30:00	6.83	26.00					6.754281434	83.86827187			-0.08	-1.11	Excellent
5213	07/18/21 14:00:00	6.80	26.00					6.724584356	83.49952168			-0.08	-1.11	Excellent
5214	07/18/21 14:30:00	6.80	26.02					6.724554694	83.52952465			-0.08	-1.11	Excellent
5215	07/18/21 15:00:00	6.80	26.02					6.724525031	83.52915619			-0.08	-1.11	Excellent
5216	07/18/21 15:30:00	6.79	26.02					6.714606405	83.40595128			-0.08	-1.11	Excellent
5217	07/18/21 16:00:00	6.81	26.02					6.734354626	83.65125519			-0.08	-1.11	Excellent
5218	07/18/21 16:30:00	6.80	26.00					6.724436043	83.49768008			-0.08	-1.11	Excellent
5219	07/18/21 17:00:00	6.82	25.96					6.744184047	83.68198039			-0.08	-1.11	Excellent
5220	07/18/21 17:30:00	6.84	25.94					6.763931875	83.89647095			-0.08	-1.11	Excellent
5221	07/18/21 18:00:00	6.83	25.90					6.754013293	83.71246165			-0.08	-1.11	Excellent
5222	07/18/21 18:30:00	6.82	25.88					6.744094797	83.55908389			-0.08	-1.11	Excellent
5223	07/18/21 19:00:00	6.83	25.86					6.753953706	83.65075043			-0.08	-1.11	Excellent
5224	07/18/21 19:30:00	6.85	25.84					6.773701142	83.86475991			-0.08	-1.11	Excellent
5225	07/18/21 20:00:00	6.85	25.84					6.773671261	83.86438996			-0.08	-1.11	Excellent
5226	07/18/21 20:30:00	6.84	25.82					6.763752853	83.71106701			-0.08	-1.11	Excellent
5227	07/18/21 21:00:00	6.87	25.80					6.793388468	84.04719514			-0.08	-1.12	Excellent
5228	07/18/21 21:30:00	6.89	25.78					6.81313538	84.26076102			-0.08	-1.12	Excellent
5229	07/18/21 22:00:00	6.88	25.78					6.803216929	84.13809557			-0.08	-1.12	Excellent
5230	07/18/21 22:30:00	6.92	25.74					6.842740329	84.56515598			-0.08	-1.12	Excellent
5231	07/18/21 23:00:00	6.91	25.72					6.832821834	84.41175772			-0.08	-1.12	Excellent
5232	07/18/21 23:30:00	6.93	25.70				6.830	6.852568223	84.62479384		6.785	-0.08	-1.12	Excellent
5233	07/19/21 00:00:00	6.93	25.68	6.91	7.04	6.94458		6.852537993	84.59351529	6.866		-0.08	-1.12	Excellent
5234	07/19/21 00:30:00	6.93	25.68					6.852507764	84.59314211			-0.08	-1.12	Excellent
5235	07/19/21 01:00:00	6.93	25.68					6.852477534	84.59276893			-0.08	-1.12	Excellent
5236	07/19/21 01:30:00	6.95	25.66					6.872223487	84.80553837			-0.08	-1.12	Excellent
5237	07/19/21 02:00:00	6.94	25.66					6.862305123	84.68314243			-0.08	-1.12	Excellent
5238	07/19/21 02:30:00	6.94	25.64					6.862274849	84.65182518			-0.08	-1.12	Excellent
5239	07/19/21 03:00:00	6.94	25.62					6.862244576	84.62051093			-0.08	-1.12	Excellent
5240	07/19/21 03:30:00	6.93	25.60					6.852326386	84.46731324			-0.08	-1.12	Excellent
5241	07/19/21 04:00:00	6.94	25.58					6.862184029	84.55789145			-0.08	-1.12	Excellent
5242	07/19/21 04:30:00	6.94	25.56					6.862153756	84.52658621			-0.08	-1.12	Excellent
5243	07/19/21 05:00:00	6.94	25.54					6.862123483	84.49528397			-0.08	-1.12	Excellent
5244	07/19/21 05:30:00	6.93	25.52					6.852205467	84.34227869			-0.08	-1.12	Excellent
5245	07/19/21 06:00:00	6.95	25.50					6.871950635	84.55434939			-0.08	-1.12	Excellent
5246	07/19/21 06:30:00	6.93	25.48					6.852145008	84.27977935			-0.08	-1.12	Excellent
5247	07/19/21 07:00:00	6.93	25.46					6.852114778	84.24853416			-0.08	-1.12	Excellent
5248	07/19/21 07:30:00	6.93	25.44					6.852084549	84.21729194			-0.08	-1.12	Excellent
5249	07/19/21 08:00:00	6.94	25.44					6.861941843	84.33844554			-0.08	-1.12	Excellent
5250	07/19/21 08:30:00	6.94	25.42					6.86191157	84.30716136			-0.08	-1.13	Excellent
5251	07/19/21 09:00:00	6.93	25.42					6.85199386	84.18530989			-0.08	-1.13	Excellent
5252	07/19/21 09:30:00	6.94	25.40					6.861851023	84.27550836			-0.08	-1.13	Excellent
5253	07/19/21 10:00:00	6.92	25.38					6.842046051	84.00145152			-0.08	-1.13	Excellent
5254	07/19/21 10:30:00	6.93	25.38					6.851903171	84.12246976			-0.08	-1.13	Excellent
5255	07/19/21 11:00:00	6.92	25.40					6.841985678	84.03152725			-0.08	-1.13	Excellent
5256	07/19/21 11:30:00	6.92	25.40					6.841955492	84.03115651			-0.08	-1.13	Excellent
5257	07/19/21 12:00:00	6.93	25.40					6.851812482	84.15221754			-0.08	-1.13	Excellent
5258	07/19/21 12:30:00	6.91	25.40					6.832007989	83.9089838			-0.08	-1.13	Excellent
5259	07/19/21 13:00:00	6.91	25.42					6.831977846	83.93938815			-0.08	-1.13	Excellent
5260	07/19/21 13:30:00	6.92	25.46					6.841834748	84.12213851			-0.08	-1.13	Excellent
5261	07/19/21 14:00:00	6.91	25.46					6.831917561	84.00020412			-0.08	-1.13	Excellent
5262	07/19/21 14:30:00	6.92	25.44					6.841774376	84.09057214			-0.08	-1.13	Excellent
5263	07/19/21 15:00:00	6.91	25.46					6.831857277	83.9994629			-0.08	-1.13	Excellent
5264	07/19/21 15:30:00	6.91	25.46					6.831827134	83.99909229			-0.08	-1.13	Excellent
5265	07/19/21 16:00:00	6.91	25.48					6.831796992	84.02950351			-0.08	-1.13	Excellent
5266	07/19/21 16:30:00	6.93	25.48					6.851540415	84.272343			-0.08	-1.13	Excellent
5267	07/19/21 17:00:00	6.94	25.50					6.861396924	84.42449367			-0.08	-1.13	Excellent
5268	07/19/21 17:30:00	6.93	25.50					6.851479956	84.30247259			-0.08	-1.13	Excellent
5269	07/19/21 18:00:00	6.94	25.50					6.861336378	84.42374868			-0.08	-1.13	Excellent
5270	07/19/21 18:30:00	6.95	25.52					6.871192713	84.57598848			-0.08	-1.13	Excellent
5271	07/19/21 19:00:00	6.97	25.54					6.890935525	84.85005486			-0.08	-1.13	Excellent
5272	07/19/21 19:30:00	6.98	25.54					6.900791642	84.97141604			-0.08	-1.13	Excellent
5273	07/19/21 20:00:00	6.98	25.54					6.900761194	84.97104113			-0.08	-1.14	Excellent
5274	07/19/21 20:30:00	6.98	25.52					6.900730746	84.93956559			-0.08	-1.14	Excellent
5275	07/19/21 21:00:00	6.99	25.52					6.910586689	85.0608802			-0.08	-1.14	Excellent
5276	07/19/21 21:30:00	7.00	25.50					6.920442544	85.15100702			-0.08	-1.14	Excellent
5277	07/19/21 22:00:00	7.02	25.50					6.940184614	85.39391883			-0.08	-1.14	Excellent
5278	07/19/21 22:30:00	7.02	25.50					6.940153992	85.39354205			-0.08	-1.14	Excellent
5279	07/19/21 23:00:00	7.02	25.50					6.94012337	85.39316526			-0.08	-1.14	Excellent
5280	07/19/21 23:30:00	7.04	25.48				6.924	6.959865092	85.60471116		6.859	-0.08	-1.14	Excellent
5281	07/20/21 00:00:00	7.05	25.46	6.98	7.21	7.08979		6.969720511	85.69452724	6.930		-0.08	-1.14	Excellent
5282	07/20/21 00:30:00	7.04	25.46					6.959803673	85.57259713			-0.08	-1.14	Excellent
5283	07/20/21 01:00:00	7.06	25.42					6.979545046	85.75243566			-0.08	-1.14	Excellent
5284	07/20/21 01:30:00	7.07	25.40					6.989400246	85.84203546			-0.08	-1.14	Excellent
5285	07/20/21 02:00:00	7.05	25.36					6.969597498	85.53604248			-0.08	-1.14	Excellent
5286	07/20/21 02:30:00	7.06	25.34					6.979452655	85.62556164			-0.08	-1.14	Excellent
5287	07/20/21 03:00:00	7.04	25.32					6.959650125	85.35128087			-0.08	-1.14	Excellent
5288	07/20/21 03:30:00	7.03	25.28					6.949733593	85.16708731			-0.08	-1.14	Excellent
5289	07/20/21 04:00:00	7.02	25.24					6.939817148	84.9830843			-0.08	-1.14	Excellent
5290	07/20/21 04:30:00	7.03	25.22					6.949672261	85.07248717			-0.08	-1.14	Excellent
5291	07/20/21 05:00:00	7.02	25.20					6.939755903	84.91986605			-0.08	-1.14	Excellent
5292	07/20/21 05:30:00	7.01	25.16					6.929839632	84.73615524			-0.08	-1.14	Excellent
5293	07/20/21 06:00:00	7.00	25.12					6.919923449	84.55263479			-0.08	-1.14	Excellent
5294	07/20/21 06:30:00	7.00	25.06					6.919892914	84.45888017			-0.08	-1.14	Excellent
5295	07/20/21 07:00:00	6.98	25.02					6.900091343	84.15513468			-0.08	-1.14	Excellent
5296	07/20/21 07:30:00	6.99	24.96					6.90994637	84.18212188			-0.08	-1.15	Excellent
5297	07/20/21 08:00:00	6.98	24.92					6.900030448	83.99928325			-0.08	-1.15	Excellent
5298	07/20/21 08:30:00	6.98	24.90					6.90	83.96789899			-0.08	-1.15	Excellent
5299	07/20/21 09:00:00	7.02	24.82					6.80	82.6400391			-0.22	-3.13	Excellent
5300	07/20/21 09:30:00	7.03	24.82					6.810799262	82.77128196			-0.22	-3.12	Excellent
5301	07/20/21 10:00:00	7.05	24.80					6.831291465	82.98962639			-0.22	-3.10	Excellent
5302	07/20/21 10:30:00	7.07	24.82					6.851789999	83.26944021			-0.22	-3.09	Excellent
5303	07/20/21 11:00:00	7.09	24.86					6.872294864	83.58040363			-0.22	-3.07	Excellent
5304	07/20/21 11:30:00	7.10	24.92					6.883111536	83.8047744			-0.22	-3.05	Excellent
5305	07/20/21 12:00:00	7.09	24.98					6.874539162	83.79312959			-0.22	-3.04	Excellent
5306	07/20/21 12:30:00	7.12	25.02					6.904754377	84.22352347			-0.22	-3.02	Excellent
5307	07/20/21 13:00:00	7.14	25.08					6.925279817	84.56734298			-0.21	-3.01	Excellent
5308	07/20/21 13:30:00	7.13	25.12					6.916709026	84.52491946			-0.21	-2.99	Excellent
5309	07/20/21 14:00:00	7.13	25.18					6.917837506	84.63210212			-0.21	-2.98	Excellent
5310	07/20/21 14:30:00	7.13	25.22					6.918965985	84.70819297			-0.21	-2.96	Excellent
5311	07/20/21 15:00:00	7.14	25.28					6.929800068	84.93442789			-0.21	-2.94	Excellent
5312	07/20/21 15:30:00	7.13	25.32					6.921222945	84.8916358			-0.21	-2.93	Excellent
5313	07/20/21 16:00:00	7.15	25.36					6.941768961	85.20616965			-0.21	-2.91	Excellent
5314	07/20/21 16:30:00	7.14	25.38					6.933190256	85.13210077			-0.21	-2.90	Excellent
5315	07/20/21 17:00:00	7.14	25.42					6.934320318	85.20845457			-0.21	-2.88	Excellent
5316	07/20/21 17:30:00	7.17	25.44					6.964590929	85.61179717			-0.21	-2.86	Excellent
5317	07/20/21 18:00:00	7.19	25.44					6.985155937	85.86459125			-0.20	-2.85	Excellent
5318	07/20/21 18:30:00	7.20	25.44					6.996010594	85.99802144			-0.20	-2.83	Excellent
5319	07/20/21 19:00:00	7.21	25.44					7.006868417	86.13149055			-0.20	-2.82	Excellent
5320	07/20/21 19:30:00	7.21	25.44					7.008009559	86.14551796			-0.20	-2.80	Excellent
5321	07/20/21 20:00:00	7.19	25.42					6.989707842	85.88905267			-0.20	-2.79	Excellent
5322	07/20/21 20:30:00	7.18	25.38					6.981122806	85.7206608			-0.20	-2.77	Excellent
5323	07/20/21 21:00:00	7.18	25.36					6.982259199	85.70316373			-0.20	-2.75	Excellent
5324	07/20/21 21:30:00	7.14	25.34					6.944490882	85.20830175			-0.20	-2.74	Excellent
5325	07/20/21 22:00:00	7.13	25.32					6.935893184	85.07157229			-0.19	-2.72	Excellent
5326	07/20/21 22:30:00	7.11	25.30					6.917562977	84.81559363			-0.19	-2.71	Excellent
5327	07/20/21 23:00:00	7.10	25.28					6.908957366	84.67897132			-0.19	-2.69	Excellent

5328	07/20/21 23:30:00	7.09	25.26				6.947	6.900348589	84.54239044		6.861	-0.19	-2.67	Excellent
5329	07/21/21 00:00:00	7.07	25.24	7.06	7.42	7.26542		6.882002556	84.28663371	7.099		-0.19	-2.66	Excellent
5330	07/21/21 00:30:00	7.06	25.20					6.873385865	84.11922146			-0.19	-2.64	Excellent
5331	07/21/21 01:00:00	7.06	25.20					6.874503266	84.13289666			-0.19	-2.63	Excellent
5332	07/21/21 01:30:00	7.06	25.18					6.875620667	84.11562572			-0.18	-2.61	Excellent
5333	07/21/21 02:00:00	7.06	25.16					6.876738068	84.09834742			-0.18	-2.60	Excellent
5334	07/21/21 02:30:00	7.06	25.12					6.877855469	84.05011363			-0.18	-2.58	Excellent
5335	07/21/21 03:00:00	7.07	25.12					6.888716457	84.1828392			-0.18	-2.56	Excellent
5336	07/21/21 03:30:00	7.09	25.10					6.909325781	84.40360626			-0.18	-2.55	Excellent
5337	07/21/21 04:00:00	7.09	25.06					6.91044793	84.35513822			-0.18	-2.53	Excellent
5338	07/21/21 04:30:00	7.11	25.04					6.931066751	84.57565332			-0.18	-2.52	Excellent
5339	07/21/21 05:00:00	7.14	25.04					6.961441821	84.94630209			-0.18	-2.50	Excellent
5340	07/21/21 05:30:00	7.15	25.04					6.972323385	85.07908329			-0.18	-2.48	Excellent
5341	07/21/21 06:00:00	7.18	25.04					7.002714282	85.4499252			-0.18	-2.47	Excellent
5342	07/21/21 06:30:00	7.21	25.06					7.033114676	85.85251876			-0.18	-2.45	Excellent
5343	07/21/21 07:00:00	7.25	25.08					7.073280815	86.37464196			-0.18	-2.44	Excellent
5344	07/21/21 07:30:00	7.29	25.10					7.113459616	86.89728398			-0.18	-2.42	Excellent
5345	07/21/21 08:00:00	7.29	25.12					7.114613419	86.94338941			-0.18	-2.41	Excellent
5346	07/21/21 08:30:00	7.27	25.14					7.096245228	86.75085365			-0.17	-2.39	Excellent
5347	07/21/21 09:00:00	7.30	25.16					7.126683606	87.15503019			-0.17	-2.37	Excellent
5348	07/21/21 09:30:00	7.29	25.16					7.11807483	87.04975006			-0.17	-2.36	Excellent
5349	07/21/21 10:00:00	7.30	25.18					7.128994379	87.21537327			-0.17	-2.34	Excellent
5350	07/21/21 10:30:00	7.30	25.20					7.130149765	87.26159987			-0.17	-2.33	Excellent
5351	07/21/21 11:00:00	7.30	25.18					7.131305151	87.24364302			-0.17	-2.31	Excellent
5352	07/21/21 11:30:00	7.30	25.20					7.132460537	87.28988002			-0.17	-2.30	Excellent
5353	07/21/21 12:00:00	7.30	25.20					7.133615923	87.30402009			-0.17	-2.28	Excellent
5354	07/21/21 12:30:00	7.30	25.20					7.13477131	87.31816017			-0.17	-2.26	Excellent
5355	07/21/21 13:00:00	7.31	25.18					7.145701938	87.41977181			-0.16	-2.25	Excellent
5356	07/21/21 13:30:00	7.30	25.16					7.137082082	87.28219726			-0.16	-2.23	Excellent
5357	07/21/21 14:00:00	7.31	25.12					7.148015875	87.35158063			-0.16	-2.22	Excellent
5358	07/21/21 14:30:00	7.32	25.08					7.158952835	87.42081703			-0.16	-2.20	Excellent
5359	07/21/21 15:00:00	7.33	25.04					7.169892959	87.48990639			-0.16	-2.18	Excellent
5360	07/21/21 15:30:00	7.32	24.98					7.161269938	87.28806481			-0.16	-2.17	Excellent
5361	07/21/21 16:00:00	7.33	24.96					7.172213228	87.38920125			-0.16	-2.15	Excellent
5362	07/21/21 16:30:00	7.33	24.92					7.173373362	87.33883406			-0.16	-2.14	Excellent
5363	07/21/21 17:00:00	7.34	24.88					7.1843214	87.40754096			-0.16	-2.12	Excellent
5364	07/21/21 17:30:00	7.35	24.84					7.195272604	87.47610061			-0.15	-2.11	Excellent
5365	07/21/21 18:00:00	7.33	24.80					7.176853765	87.1876739			-0.15	-2.09	Excellent
5366	07/21/21 18:30:00	7.35	24.78					7.197599203	87.40735945			-0.15	-2.07	Excellent
5367	07/21/21 19:00:00	7.37	24.78					7.218350972	87.65936811			-0.15	-2.06	Excellent
5368	07/21/21 19:30:00	7.37	24.78					7.219517438	87.67353362			-0.15	-2.04	Excellent
5369	07/21/21 20:00:00	7.38	24.78					7.230481303	87.80667837			-0.15	-2.03	Excellent
5370	07/21/21 20:30:00	7.38	24.74					7.231649351	87.75588658			-0.15	-2.01	Excellent
5371	07/21/21 21:00:00	7.39	24.70					7.242617964	87.82392649			-0.15	-1.99	Excellent
5372	07/21/21 21:30:00	7.40	24.64					7.253589743	87.85924732			-0.15	-1.98	Excellent
5373	07/21/21 22:00:00	7.40	24.60					7.254760957	87.80828845			-0.15	-1.96	Excellent
5374	07/21/21 22:30:00	7.42	24.54					7.275542797	87.96184542			-0.14	-1.95	Excellent
5375	07/21/21 23:00:00	7.42	24.50					7.276717176	87.91072917			-0.14	-1.93	Excellent
5376	07/21/21 23:30:00	7.39	24.48				6.972	7.248466117	87.53689903		6.872	-0.14	-1.92	Excellent
5377	07/22/21 00:00:00	7.42	24.48	7.37	7.44	7.40208		7.279065934	87.90644108	7.289		-0.14	-1.90	Excellent
5378	07/22/21 00:30:00	7.41	24.46					7.270428668	87.76951005			-0.14	-1.88	Excellent
5379	07/22/21 01:00:00	7.41	24.46					7.271601464	87.78366819			-0.14	-1.87	Excellent
5380	07/22/21 01:30:00	7.40	24.44					7.26295945	87.64675487			-0.14	-1.85	Excellent
5381	07/22/21 02:00:00	7.39	24.44					7.254314271	87.54242799			-0.14	-1.84	Excellent
5382	07/22/21 02:30:00	7.40	24.42					7.265301877	87.64242882			-0.13	-1.82	Excellent
5383	07/22/21 03:00:00	7.42	24.42					7.286112207	87.89346696			-0.13	-1.80	Excellent
5384	07/22/21 03:30:00	7.40	24.42					7.267644304	87.67068586			-0.13	-1.79	Excellent
5385	07/22/21 04:00:00	7.40	24.40					7.268815517	87.65220778			-0.13	-1.77	Excellent
5386	07/22/21 04:30:00	7.40	24.40					7.26998673	87.66633105			-0.13	-1.76	Excellent
5387	07/22/21 05:00:00	7.38	24.40					7.251506165	87.44348012			-0.13	-1.74	Excellent
5388	07/22/21 05:30:00	7.38	24.38					7.252674213	87.42503377			-0.13	-1.73	Excellent
5389	07/22/21 06:00:00	7.40	24.38					7.27350037	87.67607599			-0.13	-1.71	Excellent
5390	07/22/21 06:30:00	7.38	24.38					7.255010309	87.45319348			-0.12	-1.69	Excellent
5391	07/22/21 07:00:00	7.38	24.38					7.256178357	87.46727334			-0.12	-1.68	Excellent
5392	07/22/21 07:30:00	7.39	24.40					7.267180208	87.63248813			-0.12	-1.66	Excellent
5393	07/22/21 08:00:00	7.38	24.42					7.258514453	87.5605511			-0.12	-1.65	Excellent
5394	07/22/21 08:30:00	7.37	24.42					7.249845533	87.45597661			-0.12	-1.63	Excellent
5395	07/22/21 09:00:00	7.40	24.44					7.28052765	87.85876153			-0.12	-1.61	Excellent
5396	07/22/21 09:30:00	7.39	24.44					7.27185873	87.75414815			-0.12	-1.60	Excellent
5397	07/22/21 10:00:00	7.41	24.44					7.292711794	88.00579534			-0.12	-1.58	Excellent
5398	07/22/21 10:30:00	7.40	24.46					7.284041291	87.9338433			-0.12	-1.57	Excellent
5399	07/22/21 11:00:00	7.39	24.48					7.275367622	87.86177801			-0.11	-1.55	Excellent
5400	07/22/21 11:30:00	7.39	24.52					7.276537253	87.94121059			-0.11	-1.54	Excellent
5401	07/22/21 12:00:00	7.40	24.54					7.287554931	88.10707299			-0.11	-1.52	Excellent
5402	07/22/21 12:30:00	7.42	24.56					7.308425404	88.39220231			-0.11	-1.50	Excellent
5403	07/22/21 13:00:00	7.42	24.58					7.309599783	88.43921774			-0.11	-1.49	Excellent
5404	07/22/21 13:30:00	7.42	24.60					7.310774161	88.48624651			-0.11	-1.47	Excellent
5405	07/22/21 14:00:00	7.43	24.62					7.321802918	88.65260572			-0.11	-1.46	Excellent
5406	07/22/21 14:30:00	7.41	24.64					7.303266958	88.46096355			-0.11	-1.44	Excellent
5407	07/22/21 15:00:00	7.42	24.64					7.314297298	88.59456876			-0.11	-1.42	Excellent
5408	07/22/21 15:30:00	7.44	24.66					7.335189929	88.88056909			-0.10	-1.41	Excellent
5409	07/22/21 16:00:00	7.43	24.68					7.326506764	88.80825685			-0.10	-1.39	Excellent
5410	07/22/21 16:30:00	7.43	24.70					7.327682726	88.8554211			-0.10	-1.38	Excellent
5411	07/22/21 17:00:00	7.42	24.72					7.318994813	88.78294517			-0.10	-1.36	Excellent
5412	07/22/21 17:30:00	7.41	24.74					7.310303735	88.71035559			-0.10	-1.35	Excellent
5413	07/22/21 18:00:00	7.41	24.74					7.311476531	88.72458744			-0.10	-1.33	Excellent
5414	07/22/21 18:30:00	7.41	24.74					7.312649327	88.73881929			-0.10	-1.31	Excellent
5415	07/22/21 19:00:00	7.42	24.74					7.323692328	88.87282584			-0.10	-1.30	Excellent
5416	07/22/21 19:30:00	7.41	24.74					7.314994919	88.76728299			-0.10	-1.28	Excellent
5417	07/22/21 20:00:00	7.40	24.74					7.306294344	88.66170173			-0.09	-1.27	Excellent
5418	07/22/21 20:30:00	7.39	24.70					7.297590604	88.49052428			-0.09	-1.25	Excellent
5419	07/22/21 21:00:00	7.39	24.68					7.298760235	88.47192727			-0.09	-1.23	Excellent
5420	07/22/21 21:30:00	7.39	24.66					7.299929866	88.45332255			-0.09	-1.22	Excellent
5421	07/22/21 22:00:00	7.39	24.64					7.301099496	88.43471013			-0.09	-1.20	Excellent
5422	07/22/21 22:30:00	7.39	24.60					7.302269127	88.38330549			-0.09	-1.19	Excellent
5423	07/22/21 23:00:00	7.37	24.58					7.283673023	88.12552857			-0.09	-1.17	Excellent
5424	07/22/21 23:30:00	7.39	24.54				7.015	7.304608388	88.31325054		6.910	-0.09	-1.16	Excellent
5425	07/23/21 00:00:00	7.40	24.52	7.34	7.46	7.39604		7.315664051	88.41408085	7.339		-0.08	-1.14	Excellent
5426	07/23/21 00:30:00	7.41	24.46					7.32672288	88.44910071			-0.08	-1.12	Excellent
5427	07/23/21 01:00:00	7.41	24.44					7.327895676	88.43038164			-0.08	-1.11	Excellent
5428	07/23/21 01:30:00	7.39	24.40					7.309286911	88.14023874			-0.08	-1.09	Excellent
5429	07/23/21 02:00:00	7.41	24.34					7.330241268	88.29429054			-0.08	-1.08	Excellent
5430	07/23/21 02:30:00	7.41	24.30					7.331414064	88.24266731			-0.08	-1.06	Excellent
5431	07/23/21 03:00:00	7.41	24.24					7.33258686	88.1581637			-0.08	-1.04	Excellent
5432	07/23/21 03:30:00	7.40	24.20					7.323862545	87.98761869			-0.08	-1.03	Excellent
5433	07/23/21 04:00:00	7.40	24.14					7.325033758	87.90321283			-0.07	-1.01	Excellent
5434	07/23/21 04:30:00	7.42	24.10					7.346005525	88.08905687			-0.07	-1.00	Excellent
5435	07/23/21 05:00:00	7.40	24.06					7.327376185	87.80001733			-0.07	-0.98	Excellent
5436	07/23/21 05:30:00	7.40	24.02					7.328547398	87.74840461			-0.07	-0.97	Excellent
5437	07/23/21 06:00:00	7.40	23.98					7.329718612	87.69678191			-0.07	-0.95	Excellent
5438	07/23/21 06:30:00	7.40	23.96					7.330889825	87.67797071			-0.07	-0.93	Excellent
5439	07/23/21 07:00:00	7.41	23.92					7.341969229	87.74474172			-0.07	-0.92	Excellent
5440	07/23/21 07:30:00	7.38	23.90					7.313412705	87.37072155			-0.07	-0.90	Excellent
5441	07/23/21 08:00:00	7.38	23.88					7.314580753	87.35193553			-0.07	-0.89	Excellent
5442	07/23/21 08:30:00	7.40	23.88					7.335574678	87.60264846			-0.06	-0.87	Excellent
5443	07/23/21 09:00:00	7.39	23.88					7.32683137	87.49823443			-0.06	-0.85	Excellent

5444	07/23/21 09:30:00	7.41	23.88					7.347833209	87.74904187			-0.06	-0.84	Excellent
5445	07/23/21 10:00:00	7.41	23.88					7.349006005	87.7630476			-0.06	-0.82	Excellent
5446	07/23/21 10:30:00	7.41	23.90					7.350178801	87.80995293			-0.06	-0.81	Excellent
5447	07/23/21 11:00:00	7.39	23.92					7.331509893	87.61974096			-0.06	-0.79	Excellent
5448	07/23/21 11:30:00	7.40	23.96					7.342601958	87.81804867			-0.06	-0.78	Excellent
5449	07/23/21 12:00:00	7.41	24.00					7.35369719	88.01660391			-0.06	-0.76	Excellent
5450	07/23/21 12:30:00	7.41	24.04					7.354869986	88.09651815			-0.06	-0.74	Excellent
5451	07/23/21 13:00:00	7.39	24.10					7.336188415	87.97133576			-0.05	-0.73	Excellent
5452	07/23/21 13:30:00	7.40	24.14					7.347286812	88.17025801			-0.05	-0.71	Excellent
5453	07/23/21 14:00:00	7.41	24.18					7.358388374	88.36942825			-0.05	-0.70	Excellent
5454	07/23/21 14:30:00	7.41	24.20					7.35956117	88.4164958			-0.05	-0.68	Excellent
5455	07/23/21 15:00:00	7.39	24.24					7.340866938	88.25771335			-0.05	-0.66	Excellent
5456	07/23/21 15:30:00	7.39	24.26					7.342036568	88.30468839			-0.05	-0.65	Excellent
5457	07/23/21 16:00:00	7.39	24.30					7.343206199	88.38460029			-0.05	-0.63	Excellent
5458	07/23/21 16:30:00	7.37	24.32					7.324499305	88.19228212			-0.05	-0.62	Excellent
5459	07/23/21 17:00:00	7.35	24.36					7.30578608	88.03248682			-0.04	-0.60	Excellent
5460	07/23/21 17:30:00	7.35	24.40					7.30694938	88.11205124			-0.04	-0.59	Excellent
5461	07/23/21 18:00:00	7.35	24.42					7.30811268	88.15886197			-0.04	-0.57	Excellent
5462	07/23/21 18:30:00	7.34	24.44					7.299331386	88.08567818			-0.04	-0.55	Excellent
5463	07/23/21 19:00:00	7.35	24.44					7.310439279	88.21972419			-0.04	-0.54	Excellent
5464	07/23/21 19:30:00	7.34	24.44					7.301654821	88.11371654			-0.04	-0.52	Excellent
5465	07/23/21 20:00:00	7.36	24.44					7.32271522	88.36786579			-0.04	-0.51	Excellent
5466	07/23/21 20:30:00	7.37	24.42					7.333831027	88.46910626			-0.04	-0.49	Excellent
5467	07/23/21 21:00:00	7.40	24.40					7.364855012	88.81031583			-0.04	-0.47	Excellent
5468	07/23/21 21:30:00	7.41	24.36					7.375980315	88.87830587			-0.03	-0.46	Excellent
5469	07/23/21 22:00:00	7.44	24.32					7.407020128	89.18589265			-0.03	-0.44	Excellent
5470	07/23/21 22:30:00	7.43	24.30					7.398240417	89.04700541			-0.03	-0.43	Excellent
5471	07/23/21 23:00:00	7.45	24.28					7.419334054	89.26762858			-0.03	-0.41	Excellent
5472	07/23/21 23:30:00	7.46	24.24				7.101	7.430473601	89.33503559		6.998	-0.03	-0.40	Excellent
5473	07/24/21 00:00:00	7.47	24.20	7.43	7.55	7.46958		7.441616314	89.40229212	7.469		-0.03	-0.38	Excellent
5474	07/24/21 00:30:00	7.46	24.16					7.432835021	89.23017513			-0.03	-0.36	Excellent
5475	07/24/21 01:00:00	7.47	24.14					7.443980899	89.33062411			-0.03	-0.35	Excellent
5476	07/24/21 01:30:00	7.45	24.10					7.425229689	89.0390673			-0.02	-0.33	Excellent
5477	07/24/21 02:00:00	7.45	24.06					7.426408816	88.98667221			-0.02	-0.32	Excellent
5478	07/24/21 02:30:00	7.48	24.04					7.457497693	89.32579122			-0.02	-0.30	Excellent
5479	07/24/21 03:00:00	7.44	24.02					7.41879557	88.82899162			-0.02	-0.29	Excellent
5480	07/24/21 03:30:00	7.45	23.98					7.429946197	88.89595982			-0.02	-0.27	Excellent
5481	07/24/21 04:00:00	7.45	23.96					7.431125324	88.8767945			-0.02	-0.25	Excellent
5482	07/24/21 04:30:00	7.45	23.94					7.432304451	88.85762139			-0.02	-0.24	Excellent
5483	07/24/21 05:00:00	7.46	23.90					7.443461408	88.92436682			-0.02	-0.22	Excellent
5484	07/24/21 05:30:00	7.45	23.86					7.434662704	88.75269911			-0.02	-0.21	Excellent
5485	07/24/21 06:00:00	7.46	23.82					7.445822827	88.81928365			-0.01	-0.19	Excellent
5486	07/24/21 06:30:00	7.46	23.80					7.447003537	88.80004614			-0.01	-0.17	Excellent
5487	07/24/21 07:00:00	7.46	23.76					7.448184247	88.74747922			-0.01	-0.16	Excellent
5488	07/24/21 07:30:00	7.47	23.74					7.4593507	88.84716225			-0.01	-0.14	Excellent
5489	07/24/21 08:00:00	7.48	23.72					7.470520319	88.94678585			-0.01	-0.13	Excellent
5490	07/24/21 08:30:00	7.46	23.70					7.451726376	88.68968903			-0.01	-0.11	Excellent
5491	07/24/21 09:00:00	7.48	23.66					7.472888069	88.87471407			-0.01	-0.10	Excellent
5492	07/24/21 09:30:00	7.45	23.64					7.44409572	88.49900125			-0.01	-0.08	Excellent
5493	07/24/21 10:00:00	7.45	23.64					7.445274847	88.51301928			0.00	-0.06	Excellent
5494	07/24/21 10:30:00	7.46	23.64					7.456449214	88.64586555			0.00	-0.05	Excellent
5495	07/24/21 11:00:00	7.47	23.66					7.467626747	88.81214141			0.00	-0.03	Excellent
5496	07/24/21 11:30:00	7.43	23.68					7.428815417	88.38378121			0.00	-0.02	Excellent
5497	07/24/21 12:00:00	7.46	23.72					7.459991343	88.82142396			0.00	0.00	Excellent
5498	07/24/21 12:30:00	7.47	23.76					7.471173624	89.02140495			0.00	0.02	Excellent
5499	07/24/21 13:00:00	7.46	23.82					7.462352763	89.01646496			0.00	0.03	Excellent
5500	07/24/21 13:30:00	7.45	23.86					7.453528736	88.97791594			0.00	0.05	Excellent
5501	07/24/21 14:00:00	7.46	23.90					7.464714182	89.1782661			0.00	0.06	Excellent
5502	07/24/21 14:30:00	7.48	23.94					7.485910696	89.49851595			0.01	0.08	Excellent
5503	07/24/21 15:00:00	7.47	24.00					7.477085086	89.49343704			0.01	0.09	Excellent
5504	07/24/21 15:30:00	7.45	24.06					7.458245244	89.36815104			0.01	0.11	Excellent
5505	07/24/21 16:00:00	7.45	24.14					7.459424371	89.51595169			0.01	0.13	Excellent
5506	07/24/21 16:30:00	7.46	24.18					7.470617731	89.71722937			0.01	0.14	Excellent
5507	07/24/21 17:00:00	7.45	24.24					7.461782625	89.71145745			0.01	0.16	Excellent
5508	07/24/21 17:30:00	7.44	24.32					7.452944353	89.73885362			0.01	0.17	Excellent
5509	07/24/21 18:00:00	7.47	24.38					7.484178841	90.215632			0.01	0.19	Excellent
5510	07/24/21 18:30:00	7.46	24.44					7.475340569	90.20969303			0.02	0.21	Excellent
5511	07/24/21 19:00:00	7.47	24.50					7.486543425	90.44566053			0.02	0.22	Excellent
5512	07/24/21 19:30:00	7.48	24.54					7.497749447	90.64834009			0.02	0.24	Excellent
5513	07/24/21 20:00:00	7.48	24.60					7.498933322	90.76363841			0.02	0.25	Excellent
5514	07/24/21 20:30:00	7.49	24.64					7.510144092	90.96676687			0.02	0.27	Excellent
5515	07/24/21 21:00:00	7.50	24.68					7.521358027	91.17014656			0.02	0.28	Excellent
5516	07/24/21 21:30:00	7.52	24.70					7.542605188	91.46156913			0.02	0.30	Excellent
5517	07/24/21 22:00:00	7.52	24.70					7.543795394	91.47600155			0.02	0.32	Excellent
5518	07/24/21 22:30:00	7.54	24.70					7.565052051	91.73375961			0.03	0.33	Excellent
5519	07/24/21 23:00:00	7.55	24.70					7.576280231	91.86991242			0.03	0.35	Excellent
5520	07/24/21 23:30:00	7.55	24.68				7.204	7.577475185	91.85037073		7.111	0.03	0.36	Excellent
5521	07/25/21 00:00:00	7.55	24.66	7.47	7.58	7.52917		7.578670139	91.83082121	7.586		0.03	0.38	Excellent
5522	07/25/21 00:30:00	7.56	24.66					7.58990465	91.96694989			0.03	0.40	Excellent
5523	07/25/21 01:00:00	7.56	24.64					7.591101186	91.94736126			0.03	0.41	Excellent
5524	07/25/21 01:30:00	7.54	24.62					7.57221228	91.68456965			0.03	0.43	Excellent
5525	07/25/21 02:00:00	7.57	24.58					7.603538565	91.99559795			0.03	0.44	Excellent
5526	07/25/21 02:30:00	7.54	24.54					7.574599023	91.57745709			0.03	0.46	Excellent
5527	07/25/21 03:00:00	7.55	24.52					7.585839864	91.67931364			0.04	0.47	Excellent
5528	07/25/21 03:30:00	7.55	24.50					7.587034818	91.65970684			0.04	0.49	Excellent
5529	07/25/21 04:00:00	7.53	24.48					7.568128501	91.397337			0.04	0.51	Excellent
5530	07/25/21 04:30:00	7.52	24.48					7.559268072	91.29033305			0.04	0.52	Excellent
5531	07/25/21 05:00:00	7.53	24.46					7.570512079	91.39215393			0.04	0.54	Excellent
5532	07/25/21 05:30:00	7.54	24.46					7.581759251	91.52793118			0.04	0.55	Excellent
5533	07/25/21 06:00:00	7.55	24.44					7.593009589	91.62967999			0.04	0.57	Excellent
5534	07/25/21 06:30:00	7.53	24.42					7.574087445	91.36735555			0.04	0.59	Excellent
5535	07/25/21 07:00:00	7.57	24.40					7.615519761	91.83299795			0.05	0.60	Excellent
5536	07/25/21 07:30:00	7.56	24.38					7.606656166	91.69199562			0.05	0.62	Excellent
5537	07/25/21 08:00:00	7.56	24.34					7.607852703	91.63817839			0.05	0.63	Excellent
5538	07/25/21 08:30:00	7.57	24.32					7.61911412	91.73965809			0.05	0.65	Excellent
5539	07/25/21 09:00:00	7.57	24.28					7.620312239	91.68574938			0.05	0.66	Excellent
5540	07/25/21 09:30:00	7.57	24.24					7.621510359	91.63183071			0.05	0.68	Excellent
5541	07/25/21 10:00:00	7.58	24.22					7.632778107	91.73308723			0.05	0.70	Excellent
5542	07/25/21 10:30:00	7.57	24.20					7.623906598	91.59229608			0.05	0.71	Excellent
5543	07/25/21 11:00:00	7.56	24.20					7.615031924	91.48567728			0.06	0.73	Excellent
5544	07/25/21 11:30:00	7.55	24.18					7.606154085	91.34493227			0.06	0.74	Excellent
5545	07/25/21 12:00:00	7.55	24.20					7.607349039	91.39337643			0.06	0.76	Excellent
5546	07/25/21 12:30:00	7.54	24.22					7.598466452	91.32071915			0.06	0.78	Excellent
5547	07/25/21 13:00:00	7.53	24.20					7.589580699	91.17991066			0.06	0.79	Excellent
5548	07/25/21 13:30:00	7.49	24.24					7.550449659	90.77748272			0.06	0.81	Excellent
5549	07/25/21 14:00:00	7.53	24.26					7.591964276	91.3106375			0.06	0.82	Excellent
5550	07/25/21 14:30:00	7.54	24.32					7.603239937	91.54852142			0.06	0.84	Excellent
5551	07/25/21 15:00:00	7.51	24.36					7.574176943	91.26651459			0.06	0.85	Excellent
5552	07/25/21 15:30:00	7.49	24.38					7.55519149	91.0716312			0.07	0.87	Excellent
5553	07/25/21 16:00:00	7.49	24.40					7.556376948	91.1198146			0.07	0.89	Excellent
5554	07/25/21 16:30:00	7.51	24.42					7.577742813	91.4114508			0.07	0.90	Excellent
5555	07/25/21 17:00:00	7.51	24.46					7.578931436	91.49379345			0.07	0.92	Excellent
5556	07/25/21 17:30:00	7.51	24.52					7.580120059	91.61018645			0.07	0.93	Excellent
5557	07/25/21 18:00:00	7.50	24.56					7.571213731	91.57051196			0.07	0.95	Excellent
5558	07/25/21 18:30:00	7.50	24.60					7.572400771	91.65285462			0.07	0.97	Excellent
5559	07/25/21 19:00:00	7.50	24.64					7.573587812	91.73523017			0.07	0.98	Excellent

5560	07/25/21 19:30:00	7.50	24.66					7.574774853	91.78362199			0.07	1.00	Excellent
5561	07/25/21 20:00:00	7.51	24.68					7.586063176	91.95447007			0.08	1.01	Excellent
5562	07/25/21 20:30:00	7.49	24.70					7.567046068	91.75793905			0.08	1.03	Excellent
5563	07/25/21 21:00:00	7.48	24.70					7.558127078	91.64978744			0.08	1.04	Excellent
5564	07/25/21 21:30:00	7.50	24.72					7.579523015	91.9432782			0.08	1.06	Excellent
5565	07/25/21 22:00:00	7.50	24.74					7.580710055	91.99172962			0.08	1.08	Excellent
5566	07/25/21 22:30:00	7.48	24.76					7.561678704	91.7947541			0.08	1.09	Excellent
5567	07/25/21 23:00:00	7.49	24.78					7.572973358	91.96588831			0.08	1.11	Excellent
5568	07/25/21 23:30:00	7.47	24.78				7.300	7.553934092	91.73467622		7.226	0.08	1.12	Excellent
5569	07/26/21 00:00:00	7.48	24.80	7.19	7.48	7.38875		7.565230329	91.90584852	7.500		0.09	1.14	Excellent
5570	07/26/21 00:30:00	7.47	24.82					7.556298677	91.83129678			0.09	1.16	Excellent
5571	07/26/21 01:00:00	7.47	24.82					7.55748097	91.84566512			0.09	1.17	Excellent
5572	07/26/21 01:30:00	7.46	24.82					7.54854457	91.73706152			0.09	1.19	Excellent
5573	07/26/21 02:00:00	7.47	24.82					7.559845554	91.87440179			0.09	1.20	Excellent
5574	07/26/21 02:30:00	7.42	24.82					7.510418557	91.27371812			0.09	1.22	Excellent
5575	07/26/21 03:00:00	7.38	24.82					7.471099174	90.79587174			0.09	1.23	Excellent
5576	07/26/21 03:30:00	7.40	24.82					7.492517268	91.0561647			0.09	1.25	Excellent
5577	07/26/21 04:00:00	7.43	24.80					7.5240683	91.40579352			0.09	1.27	Excellent
5578	07/26/21 04:30:00	7.46	24.80					7.555628828	91.78920512			0.10	1.28	Excellent
5579	07/26/21 05:00:00	7.45	24.80					7.546679766	91.68048786			0.10	1.30	Excellent
5580	07/26/21 05:30:00	7.46	24.80					7.557990247	91.81789272			0.10	1.31	Excellent
5581	07/26/21 06:00:00	7.48	24.78					7.579436831	92.04438047			0.10	1.33	Excellent
5582	07/26/21 06:30:00	7.47	24.78					7.570486186	91.93568419			0.10	1.35	Excellent
5583	07/26/21 07:00:00	7.46	24.78					7.561532376	91.82694948			0.10	1.36	Excellent
5584	07/26/21 07:30:00	7.45	24.76					7.552575401	91.68424485			0.10	1.38	Excellent
5585	07/26/21 08:00:00	7.47	24.76					7.574033063	91.94472945			0.10	1.39	Excellent
5586	07/26/21 08:30:00	7.46	24.74					7.565074505	91.8019926			0.11	1.41	Excellent
5587	07/26/21 09:00:00	7.44	24.72					7.545970348	91.53626813			0.11	1.42	Excellent
5588	07/26/21 09:30:00	7.47	24.70					7.57757994	91.88567269			0.11	1.44	Excellent
5589	07/26/21 10:00:00	7.42	24.70					7.528034239	91.28488192			0.11	1.46	Excellent
5590	07/26/21 10:30:00	7.44	24.70					7.549502981	91.54521171			0.11	1.47	Excellent
5591	07/26/21 11:00:00	7.39	24.70					7.499936705	90.94417144			0.11	1.49	Excellent
5592	07/26/21 11:30:00	7.40	24.72					7.511256682	91.11517458			0.11	1.50	Excellent
5593	07/26/21 12:00:00	7.40	24.76					7.512427895	91.19687551			0.11	1.52	Excellent
5594	07/26/21 12:30:00	7.40	24.78					7.513599109	91.24484978			0.11	1.54	Excellent
5595	07/26/21 13:00:00	7.37	24.78					7.484305037	90.88910373			0.11	1.55	Excellent
5596	07/26/21 13:30:00	7.38	24.78					7.49562818	91.02661153			0.12	1.57	Excellent
5597	07/26/21 14:00:00	7.36	24.84					7.476479707	90.89485931			0.12	1.58	Excellent
5598	07/26/21 14:30:00	7.33	24.84					7.44716506	90.53846823			0.12	1.60	Excellent
5599	07/26/21 15:00:00	7.34	24.84					7.45848662	90.67610942			0.12	1.61	Excellent
5600	07/26/21 15:30:00	7.34	24.84					7.459648337	90.69023293			0.12	1.63	Excellent
5601	07/26/21 16:00:00	7.36	24.86					7.481139237	90.98512934			0.12	1.65	Excellent
5602	07/26/21 16:30:00	7.33	24.88					7.451805597	90.66186863			0.12	1.66	Excellent
5603	07/26/21 17:00:00	7.35	24.86					7.473301245	90.88980419			0.12	1.68	Excellent
5604	07/26/21 17:30:00	7.30	24.80					7.423617847	90.18547587			0.12	1.69	Excellent
5605	07/26/21 18:00:00	7.29	24.80					7.414602311	90.07595105			0.12	1.71	Excellent
5606	07/26/21 18:30:00	7.27	24.80					7.395411105	89.84280757			0.13	1.73	Excellent
5607	07/26/21 19:00:00	7.28	24.84					7.40673583	90.04695226			0.13	1.74	Excellent
5608	07/26/21 19:30:00	7.37	25.12					7.499469085	91.64647783			0.13	1.76	Excellent
5609	07/26/21 20:00:00	7.42	25.36					7.551521815	92.69053069			0.13	1.77	Excellent
5610	07/26/21 20:30:00	7.30	25.30					7.430550164	91.10528161			0.13	1.79	Excellent
5611	07/26/21 21:00:00	7.42	25.24					7.553870573	92.51526964			0.13	1.80	Excellent
5612	07/26/21 21:30:00	7.33	25.18					7.46340694	91.30654165			0.13	1.82	Excellent
5613	07/26/21 22:00:00	7.31	25.12					7.444199907	90.97106662			0.13	1.84	Excellent
5614	07/26/21 22:30:00	7.27	25.02					7.404616209	90.32078956			0.13	1.85	Excellent
5615	07/26/21 23:00:00	7.25	24.94					7.385393348	89.95346963			0.14	1.87	Excellent
5616	07/26/21 23:30:00	7.19	24.92				7.363	7.325410827	89.18995407		7.316	0.14	1.88	Excellent
5617	07/27/21 00:00:00	7.18	24.90	7.10	7.67	7.29229		7.316358888	89.04685293	7.384		0.14	1.90	Excellent
5618	07/27/21 00:30:00	7.19	24.90					7.32768678	89.18472384			0.14	1.91	Excellent
5619	07/27/21 01:00:00	7.19	24.94					7.328824756	89.26446894			0.14	1.93	Excellent
5620	07/27/21 01:30:00	7.16	24.96					7.299378743	88.93863828			0.14	1.95	Excellent
5621	07/27/21 02:00:00	7.20	25.00					7.341296954	89.51541113			0.14	1.96	Excellent
5622	07/27/21 02:30:00	7.18	25.00					7.322040856	89.28061371			0.14	1.98	Excellent
5623	07/27/21 03:00:00	7.20	25.02					7.343576072	89.5762279			0.14	1.99	Excellent
5624	07/27/21 03:30:00	7.17	25.04					7.314112649	89.24973283			0.14	2.01	Excellent
5625	07/27/21 04:00:00	7.18	25.06					7.325450037	89.42102691			0.15	2.03	Excellent
5626	07/27/21 04:30:00	7.18	25.08					7.32658643	89.46785746			0.15	2.04	Excellent
5627	07/27/21 05:00:00	7.17	25.08					7.317517081	89.35710804			0.15	2.06	Excellent
5628	07/27/21 05:30:00	7.15	25.10					7.298237243	89.15450828			0.15	2.07	Excellent
5629	07/27/21 06:00:00	7.20	25.10					7.350413426	89.79188712			0.15	2.09	Excellent
5630	07/27/21 06:30:00	7.20	25.12					7.351552985	89.83888459			0.15	2.10	Excellent
5631	07/27/21 07:00:00	7.21	25.14					7.362904616	90.01073671			0.15	2.12	Excellent
5632	07/27/21 07:30:00	7.11	25.14					7.261909201	88.77607835			0.15	2.14	Excellent
5633	07/27/21 08:00:00	7.10	25.18					7.252819277	88.73023416			0.15	2.15	Excellent
5634	07/27/21 08:30:00	7.23	25.20					7.386761684	90.40211828			0.16	2.17	Excellent
5635	07/27/21 09:00:00	7.21	25.24					7.367469183	90.23233738			0.16	2.18	Excellent
5636	07/27/21 09:30:00	7.22	25.30					7.378830311	90.47114933			0.16	2.20	Excellent
5637	07/27/21 10:00:00	7.24	25.34					7.400416174	90.8024656			0.16	2.22	Excellent
5638	07/27/21 10:30:00	7.17	25.36					7.33	89.97147947			0.16	2.23	Excellent
5639	07/27/21 11:00:00	7.27	25.40					7.31	89.2397724			0.04	0.55	Excellent
5640	07/27/21 11:30:00	7.29	25.40					7.330337081	89.48804552			0.04	0.55	Excellent
5641	07/27/21 12:00:00	7.31	25.44					7.350675408	89.80211757			0.04	0.56	Excellent
5642	07/27/21 12:30:00	7.33	25.52					7.37101498	90.18256888			0.04	0.56	Excellent
5643	07/27/21 13:00:00	7.30	25.58					7.341074467	89.91485623			0.04	0.56	Excellent
5644	07/27/21 13:30:00	7.33	25.66					7.371471551	90.41921965			0.04	0.57	Excellent
5645	07/27/21 14:00:00	7.41	25.80					7.452154951	91.64262697			0.04	0.57	Excellent
5646	07/27/21 14:30:00	7.38	25.82					7.422214126	91.3076991			0.04	0.57	Excellent
5647	07/27/21 15:00:00	7.36	25.96					7.402328945	91.29540945			0.04	0.58	Excellent
5648	07/27/21 15:30:00	7.43	25.78					7.47296293	91.86501942			0.04	0.58	Excellent
5649	07/27/21 16:00:00	7.40	25.74					7.443019924	91.43022176			0.04	0.58	Excellent
5650	07/27/21 16:30:00	7.36	25.72					7.403016604	90.90564934			0.04	0.58	Excellent
5651	07/27/21 17:00:00	7.35	25.72					7.393187066	90.78494712			0.04	0.59	Excellent
5652	07/27/21 17:30:00	7.41	25.80					7.453770391	91.66249278			0.04	0.59	Excellent
5653	07/27/21 18:00:00	7.39	25.80					7.433882406	91.41792095			0.04	0.59	Excellent
5654	07/27/21 18:30:00	7.41	25.82					7.454231945	91.70158067			0.04	0.60	Excellent
5655	07/27/21 19:00:00	7.44	25.90					7.484642733	92.20991514			0.04	0.60	Excellent
5656	07/27/21 19:30:00	7.67	26.18					7.716261692	95.54813508			0.05	0.60	Excellent
5657	07/27/21 20:00:00	7.51	26.12					7.555530541	93.4560991			0.05	0.61	Excellent
5658	07/27/21 20:30:00	7.62	26.16					7.666434751	94.8967253			0.05	0.61	Excellent
5659	07/27/21 21:00:00	7.47	26.00					7.515753327	92.76173631			0.05	0.61	Excellent
5660	07/27/21 21:30:00	7.33	25.86					7.37512412	90.79452369			0.05	0.62	Excellent
5661	07/27/21 22:00:00	7.33	25.82					7.375352406	90.73120861			0.05	0.62	Excellent
5662	07/27/21 22:30:00	7.31	25.84					7.355456324	90.51942012			0.05	0.62	Excellent
5663	07/27/21 23:00:00	7.30	25.84					7.345621491	90.39838843			0.05	0.62	Excellent
5664	07/27/21 23:30:00	7.28	25.80				7.392	7.325723229	90.08783708		7.381	0.05	0.63	Excellent
5665	07/28/21 00:00:00	7.24	25.78	7.14	7.68	7.28979		7.285697485	89.56296817	7.341		0.05	0.63	Excellent
5666	07/28/21 00:30:00	7.26	25.78					7.306049827	89.81315919			0.05	0.63	Excellent
5667	07/28/21 01:00:00	7.25	25.78					7.296212191	89.69222529			0.05	0.64	Excellent
5668	07/28/21 01:30:00	7.25	25.80					7.296437985	89.72770277			0.05	0.64	Excellent
5669	07/28/21 02:00:00	7.28	25.82					7.326856871	90.13461902			0.05	0.64	Excellent
5670	07/28/21 02:30:00	7.18	25.80					7.226436846	88.8668661			0.05	0.65	Excellent
5671	07/28/21 03:00:00	7.18	25.80					7.22666046	88.86961599			0.05	0.65	Excellent
5672	07/28/21 03:30:00	7.25	25.80					7.297341161	89.73880955			0.05	0.65	Excellent
5673	07/28/21 04:00:00	7.20	25.78					7.247238907	89.09019746			0.05	0.66	Excellent
5674	07/28/21 04:30:00	7.18	25.78					7.227331302	88.84547357			0.05	0.66	Excellent
5675	07/28/21 05:00:00	7.21	25.78					7.257753613	89.21945458			0.05	0.66	Excellent

5676	07/28/21 05:30:00	7.22	25.78					7.268044705	89.34596282			0.05	0.67	Excellent
5677	07/28/21 06:00:00	7.18	25.80					7.228002144	88.88611529			0.05	0.67	Excellent
5678	07/28/21 06:30:00	7.15	25.80					7.198024257	88.51746324			0.05	0.67	Excellent
5679	07/28/21 07:00:00	7.15	25.80					7.198246937	88.52020163			0.05	0.67	Excellent
5680	07/28/21 07:30:00	7.15	25.82					7.198469617	88.55520557			0.05	0.68	Excellent
5681	07/28/21 08:00:00	7.14	25.84					7.188624195	88.46631195			0.05	0.68	Excellent
5682	07/28/21 08:30:00	7.15	25.84					7.198914976	88.59295474			0.05	0.68	Excellent
5683	07/28/21 09:00:00	7.15	25.86					7.199137655	88.62796934			0.05	0.69	Excellent
5684	07/28/21 09:30:00	7.16	25.90					7.20942937	88.81931899			0.05	0.69	Excellent
5685	07/28/21 10:00:00	7.19	25.96					7.239860402	89.29163034			0.05	0.69	Excellent
5686	07/28/21 10:30:00	7.23	26.02					7.280362961	89.88913749			0.05	0.70	Excellent
5687	07/28/21 11:00:00	7.21	26.08					7.260448192	89.74098741			0.05	0.70	Excellent
5688	07/28/21 11:30:00	7.26	26.14					7.311024147	90.46455953			0.05	0.70	Excellent
5689	07/28/21 12:00:00	7.30	26.18					7.351532623	91.03180531			0.05	0.71	Excellent
5690	07/28/21 12:30:00	7.35	26.26					7.402114494	91.79109973			0.05	0.71	Excellent
5691	07/28/21 13:00:00	7.37	26.34					7.422485834	92.17708577			0.05	0.71	Excellent
5692	07/28/21 13:30:00	7.31	26.34					7.362286203	91.42948899			0.05	0.72	Excellent
5693	07/28/21 14:00:00	7.32	26.34					7.372585704	91.55739466			0.05	0.72	Excellent
5694	07/28/21 14:30:00	7.24	26.30					7.29223648	90.49404788			0.05	0.72	Excellent
5695	07/28/21 15:00:00	7.30	26.36					7.35289673	91.34592143			0.05	0.72	Excellent
5696	07/28/21 15:30:00	7.54	26.52					7.594870626	94.62509493			0.05	0.73	Excellent
5697	07/28/21 16:00:00	7.61	26.62					7.665617041	95.67891049			0.06	0.73	Excellent
5698	07/28/21 16:30:00	7.44	26.54					7.494606322	93.40959486			0.05	0.73	Excellent
5699	07/28/21 17:00:00	7.31	26.46					7.363879842	91.64784138			0.05	0.74	Excellent
5700	07/28/21 17:30:00	7.43	26.50					7.484995726	93.22250026			0.05	0.74	Excellent
5701	07/28/21 18:00:00	7.63	26.72					7.686713724	96.11516348			0.06	0.74	Excellent
5702	07/28/21 18:30:00	7.68	26.90					7.73732456	97.0615347			0.06	0.75	Excellent
5703	07/28/21 19:00:00	7.53	26.84					7.586439454	95.06624331			0.06	0.75	Excellent
5704	07/28/21 19:30:00	7.43	26.74					7.485921326	93.6381348			0.06	0.75	Excellent
5705	07/28/21 20:00:00	7.39	26.74					7.445850423	93.1369053			0.06	0.76	Excellent
5706	07/28/21 20:30:00	7.35	26.72					7.405777029	92.60231294			0.06	0.76	Excellent
5707	07/28/21 21:00:00	7.28	26.72					7.335472547	91.72322118			0.06	0.76	Excellent
5708	07/28/21 21:30:00	7.30	26.74					7.355852296	92.01115786			0.06	0.77	Excellent
5709	07/28/21 22:00:00	7.25	26.72					7.30569554	91.35088756			0.06	0.77	Excellent
5710	07/28/21 22:30:00	7.24	26.74					7.295844201	91.2605427			0.06	0.77	Excellent
5711	07/28/21 23:00:00	7.25	26.74					7.306147128	91.38941753			0.06	0.77	Excellent
5712	07/28/21 23:30:00	7.24	26.76				7.395	7.296295166	91.29902557		7.415	0.06	0.78	Excellent
5713	07/29/21 00:00:00	7.12	26.72	6.89	7.25	7.03813		7.175583842	89.72396251	7.098		0.06	0.78	Excellent
5714	07/29/21 00:30:00	7.21	26.74					7.266510995	90.89362638			0.06	0.78	Excellent
5715	07/29/21 01:00:00	7.14	26.74					7.196184713	90.0139455			0.06	0.79	Excellent
5716	07/29/21 01:30:00	7.15	26.74					7.206486083	90.14280085			0.06	0.79	Excellent
5717	07/29/21 02:00:00	7.16	26.74					7.216788075	90.271664			0.06	0.79	Excellent
5718	07/29/21 02:30:00	7.07	26.72					7.126294447	89.10764474			0.06	0.80	Excellent
5719	07/29/21 03:00:00	7.10	26.72					7.156754442	89.48851848			0.06	0.80	Excellent
5720	07/29/21 03:30:00	7.10	26.70					7.156975565	89.45907445			0.06	0.80	Excellent
5721	07/29/21 04:00:00	7.05	26.70					7.106793894	88.83182544			0.06	0.81	Excellent
5722	07/29/21 04:30:00	7.06	26.68					7.117094329	88.92854984			0.06	0.81	Excellent
5723	07/29/21 05:00:00	7.00	26.68					7.056827116	88.17550715			0.06	0.81	Excellent
5724	07/29/21 05:30:00	7.01	26.68					7.067126617	88.30420007			0.06	0.81	Excellent
5725	07/29/21 06:00:00	7.00	26.68					7.057263132	88.1809552			0.06	0.82	Excellent
5726	07/29/21 06:30:00	7.01	26.66					7.067563256	88.27785513			0.06	0.82	Excellent
5727	07/29/21 07:00:00	6.99	26.66					7.047616721	88.02871165			0.06	0.82	Excellent
5728	07/29/21 07:30:00	6.98	26.66					7.037751678	87.9054917			0.06	0.83	Excellent
5729	07/29/21 08:00:00	6.95	26.66					7.007719913	87.53037799			0.06	0.83	Excellent
5730	07/29/21 08:30:00	6.95	26.64					7.007936364	87.50155198			0.06	0.83	Excellent
5731	07/29/21 09:00:00	6.93	26.62					6.987985468	87.2210068			0.06	0.84	Excellent
5732	07/29/21 09:30:00	6.91	26.60					6.968033327	86.94062844			0.06	0.84	Excellent
5733	07/29/21 10:00:00	6.89	26.60					6.94807994	86.69166867			0.06	0.84	Excellent
5734	07/29/21 10:30:00	6.89	26.62					6.948294522	86.72560161			0.06	0.85	Excellent
5735	07/29/21 11:00:00	6.91	26.64					6.968678942	87.01138124			0.06	0.85	Excellent
5736	07/29/21 11:30:00	6.91	26.64					6.968894147	87.01406831			0.06	0.85	Excellent
5737	07/29/21 12:00:00	6.92	26.66					6.979194894	87.1740844			0.06	0.86	Excellent
5738	07/29/21 12:30:00	6.91	26.68					6.969324557	87.08215707			0.06	0.86	Excellent
5739	07/29/21 13:00:00	6.90	26.68					6.959453598	86.9588188			0.06	0.86	Excellent
5740	07/29/21 13:30:00	6.90	26.68					6.959668491	86.96150391			0.06	0.86	Excellent
5741	07/29/21 14:00:00	6.90	26.70					6.959883385	86.99550813			0.06	0.87	Excellent
5742	07/29/21 14:30:00	6.90	26.70					6.960098279	86.99819421			0.06	0.87	Excellent
5743	07/29/21 15:00:00	6.91	26.70					6.970400583	87.12696852			0.06	0.87	Excellent
5744	07/29/21 15:30:00	6.92	26.70					6.98070351	87.25575061			0.06	0.88	Excellent
5745	07/29/21 16:00:00	6.98	26.74					7.041447226	88.07840155			0.06	0.88	Excellent
5746	07/29/21 16:30:00	7.01	26.76					7.071929645	88.49152492			0.06	0.88	Excellent
5747	07/29/21 17:00:00	7.05	26.82					7.112502589	89.09527842			0.06	0.89	Excellent
5748	07/29/21 17:30:00	7.08	26.86					7.142989057	89.54149966			0.06	0.89	Excellent
5749	07/29/21 18:00:00	7.08	26.88					7.143209557	89.57643432			0.06	0.89	Excellent
5750	07/29/21 18:30:00	7.13	26.90					7.193878008	90.24422261			0.06	0.90	Excellent
5751	07/29/21 19:00:00	7.16	26.94					7.224369771	90.6918163			0.06	0.90	Excellent
5752	07/29/21 19:30:00	7.20	26.96					7.264953615	91.23402038			0.06	0.90	Excellent
5753	07/29/21 20:00:00	7.18	26.98					7.244996803	91.01604474			0.06	0.91	Excellent
5754	07/29/21 20:30:00	7.19	27.00					7.255311253	91.17831463			0.07	0.91	Excellent
5755	07/29/21 21:00:00	7.20	27.02					7.265626326	91.34068835			0.07	0.91	Excellent
5756	07/29/21 21:30:00	7.25	27.02					7.316307858	91.97783728			0.07	0.91	Excellent
5757	07/29/21 22:00:00	7.17	27.02					7.235799488	90.96571669			0.07	0.92	Excellent
5758	07/29/21 22:30:00	7.14	27.02					7.205746544	90.58790253			0.07	0.92	Excellent
5759	07/29/21 23:00:00	7.12	27.02					7.185784126	90.3369426			0.07	0.92	Excellent
5760	07/29/21 23:30:00	7.14	27.02				7.343	7.206191281	90.59349358		7.388	0.07	0.93	Excellent
5761	07/30/21 00:00:00	7.08	27.02	6.86	7.39	7.17813		7.145855551	89.83497576	7.250		0.07	0.93	Excellent
5762	07/30/21 00:30:00	7.12	27.02					7.186449362	90.34530569			0.07	0.93	Excellent
5763	07/30/21 01:00:00	7.02	27.02					7.085734715	89.07915949			0.07	0.94	Excellent
5764	07/30/21 01:30:00	7.05	27.00					7.116235198	89.43053017			0.07	0.94	Excellent
5765	07/30/21 02:00:00	6.87	27.00					6.934758046	87.14988633			0.06	0.94	Excellent
5766	07/30/21 02:30:00	7.00	27.00					7.066201461	88.80175055			0.07	0.95	Excellent
5767	07/30/21 03:00:00	6.98	27.00					7.046229699	88.55076317			0.07	0.95	Excellent
5768	07/30/21 03:30:00	6.86	27.00					6.925304727	87.03108541			0.07	0.95	Excellent
5769	07/30/21 04:00:00	6.95	26.98					7.016377945	88.14399597			0.07	0.96	Excellent
5770	07/30/21 04:30:00	7.10	26.98					7.168031685	90.04916225			0.07	0.96	Excellent
5771	07/30/21 05:00:00	7.00	26.98					7.067291501	88.78360293			0.07	0.96	Excellent
5772	07/30/21 05:30:00	7.12	26.98					7.188666814	90.30839325			0.07	0.96	Excellent
5773	07/30/21 06:00:00	7.08	26.96					7.148501545	89.77160354			0.07	0.97	Excellent
5774	07/30/21 06:30:00	7.13	26.96					7.19920737	90.4083724			0.07	0.97	Excellent
5775	07/30/21 07:00:00	7.13	26.98					7.199429427	90.44359972			0.07	0.97	Excellent
5776	07/30/21 07:30:00	7.11	26.98					7.179456108	90.19268277			0.07	0.98	Excellent
5777	07/30/21 08:00:00	7.16	27.00					7.230167538	90.86233074			0.07	0.98	Excellent
5778	07/30/21 08:30:00	7.13	27.02					7.200095597	90.51686097			0.07	0.98	Excellent
5779	07/30/21 09:00:00	7.14	27.02					7.210416276	90.64660861			0.07	0.99	Excellent
5780	07/30/21 09:30:00	7.17	27.04					7.240935445	91.06291877			0.07	0.99	Excellent
5781	07/30/21 10:00:00	7.13	27.04					7.200761767	90.55768952			0.07	0.99	Excellent
5782	07/30/21 10:30:00	7.19	27.08					7.261581163	91.38802668			0.07	1.00	Excellent
5783	07/30/21 11:00:00	7.18	27.10					7.251705221	91.29642896			0.07	1.00	Excellent
5784	07/30/21 11:30:00	7.21	27.10					7.282229373	91.68071735			0.07	1.00	Excellent
5785	07/30/21 12:00:00	7.16	27.10					7.231951467	91.04773612			0.07	1.00	Excellent
5786	07/30/21 12:30:00	7.19	27.14					7.262476865	91.49753127			0.07	1.01	Excellent
5787	07/30/21 13:00:00	7.25	27.14					7.323307473	92.26391587			0.07	1.01	Excellent
5788	07/30/21 13:30:00	7.23	27.16					7.303330416	92.04516592			0.07	1.01	Excellent
5789	07/30/21 14:00:00	7.27	27.16					7.343962534	92.55725969			0.07	1.02	Excellent
5790	07/30/21 14:30:00	7.31	27.18					7.384597143	93.10268878			0.07	1.02	Excellent
5791	07/30/21 15:00:00	7.32	27.18					7.394927165	93.23292647			0.07	1.02	Excellent

5792	07/30/21 15:30:00	7.33	27.16					7.40525781	93.32977491			0.08	1.03	Excellent
5793	07/30/21 16:00:00	7.30	27.16					7.375177149	92.95066301			0.08	1.03	Excellent
5794	07/30/21 16:30:00	7.38	27.18					7.456230851	94.00582414			0.08	1.03	Excellent
5795	07/30/21 17:00:00	7.37	27.20					7.446357088	93.91492442			0.08	1.04	Excellent
5796	07/30/21 17:30:00	7.39	27.20					7.466794453	94.17268449			0.08	1.04	Excellent
5797	07/30/21 18:00:00	7.37	27.20					7.446816151	93.92071421			0.08	1.04	Excellent
5798	07/30/21 18:30:00	7.34	27.20					7.416732063	93.54128776			0.08	1.05	Excellent
5799	07/30/21 19:00:00	7.32	27.20					7.396750958	93.28928212			0.08	1.05	Excellent
5800	07/30/21 19:30:00	7.32	27.22					7.396978932	93.32552336			0.08	1.05	Excellent
5801	07/30/21 20:00:00	7.30	27.22					7.376995958	93.07340402			0.08	1.05	Excellent
5802	07/30/21 20:30:00	7.34	27.22					7.417646451	93.58627942			0.08	1.06	Excellent
5803	07/30/21 21:00:00	7.27	27.20					7.34713237	92.66348271			0.08	1.06	Excellent
5804	07/30/21 21:30:00	7.29	27.22					7.367571604	92.95449969			0.08	1.06	Excellent
5805	07/30/21 22:00:00	7.25	27.22					7.327371765	92.44731006			0.08	1.07	Excellent
5806	07/30/21 22:30:00	6.94	27.20					7.014279594	88.46547784			0.07	1.07	Excellent
5807	07/30/21 23:00:00	7.13	27.18					7.206535242	90.85774008			0.08	1.07	Excellent
5808	07/30/21 23:30:00	7.27	27.18				7.312	7.348264455	92.64461762		7.375	0.08	1.08	Excellent
5809	07/31/21 00:00:00	7.17	27.16	7.17	8.95	7.66833		7.247411217	91.34040636	7.757		0.08	1.08	Excellent
5810	07/31/21 00:30:00	7.26	27.14					7.338609012	92.45669487			0.08	1.08	Excellent
5811	07/31/21 01:00:00	7.27	27.14					7.348943706	92.58689824			0.08	1.09	Excellent
5812	07/31/21 01:30:00	7.30	27.14					7.379496822	92.9718268			0.08	1.09	Excellent
5813	07/31/21 02:00:00	7.30	27.10					7.379724173	92.90814273			0.08	1.09	Excellent
5814	07/31/21 02:30:00	7.17	27.10					7.24852773	91.25642546			0.08	1.10	Excellent
5815	07/31/21 03:00:00	7.25	27.10					7.329629705	92.27747093			0.08	1.10	Excellent
5816	07/31/21 03:30:00	7.24	27.08					7.319745354	92.12003125			0.08	1.10	Excellent
5817	07/31/21 04:00:00	7.24	27.08					7.319970836	92.12286898			0.08	1.10	Excellent
5818	07/31/21 04:30:00	7.32	27.08					7.401082466	93.14367032			0.08	1.11	Excellent
5819	07/31/21 05:00:00	7.32	27.08					7.40131044	93.14653941			0.08	1.11	Excellent
5820	07/31/21 05:30:00	7.30	27.08					7.381315631	92.89490191			0.08	1.11	Excellent
5821	07/31/21 06:00:00	7.34	27.06					7.421989794	93.37333501			0.08	1.12	Excellent
5822	07/31/21 06:30:00	7.28	27.08					7.361546306	92.64610215			0.08	1.12	Excellent
5823	07/31/21 07:00:00	7.18	27.06					7.260649778	91.34357537			0.08	1.12	Excellent
5824	07/31/21 07:30:00	7.26	27.04					7.341774488	92.33108331			0.08	1.13	Excellent
5825	07/31/21 08:00:00	7.28	27.04					7.362226491	92.58829028			0.08	1.13	Excellent
5826	07/31/21 08:30:00	7.27	27.04					7.352339959	92.46395601			0.08	1.13	Excellent
5827	07/31/21 09:00:00	7.23	27.06					7.31211209	91.99100387			0.08	1.14	Excellent
5828	07/31/21 09:30:00	7.28	27.08					7.362906676	92.6632226			0.08	1.14	Excellent
5829	07/31/21 10:00:00	7.27	27.08					7.35301921	92.53878744			0.08	1.14	Excellent
5830	07/31/21 10:30:00	7.36	27.08					7.444276178	93.6872693			0.08	1.15	Excellent
5831	07/31/21 11:00:00	7.44	27.10					7.525423934	94.7424517			0.09	1.15	Excellent
5832	07/31/21 11:30:00	7.50	27.12					7.586346417	95.54364866			0.09	1.15	Excellent
5833	07/31/21 12:00:00	7.47	27.10					7.556233677	95.13033557			0.09	1.15	Excellent
5834	07/31/21 12:30:00	7.52	27.14					7.60704508	95.83863164			0.09	1.16	Excellent
5835	07/31/21 13:00:00	7.59	27.12					7.678091723	96.69910357			0.09	1.16	Excellent
5836	07/31/21 13:30:00	7.69	27.14					7.779491849	98.01123115			0.09	1.16	Excellent
5837	07/31/21 14:00:00	7.65	27.14					7.739264604	97.50442146			0.09	1.17	Excellent
5838	07/31/21 14:30:00	7.67	27.16					7.75973685	97.79733698			0.09	1.17	Excellent
5839	07/31/21 15:00:00	7.90	27.22					7.992673823	100.8412319			0.09	1.17	Excellent
5840	07/31/21 15:30:00	7.94	27.30					8.033390341	101.4999209			0.09	1.18	Excellent
5841	07/31/21 16:00:00	8.26	27.46					8.357411433	105.895675			0.10	1.18	Excellent
5842	07/31/21 16:30:00	8.51	27.56					8.610624756	109.2985849			0.10	1.18	Excellent
5843	07/31/21 17:00:00	8.46	27.56					8.560297019	108.659752			0.10	1.19	Excellent
5844	07/31/21 17:30:00	8.39	27.56					8.489728437	107.7639928			0.10	1.19	Excellent
5845	07/31/21 18:00:00	8.70	27.64					8.803684231	111.9083146			0.10	1.19	Excellent
5846	07/31/21 18:30:00	8.58	27.60					8.682521319	110.2896671			0.10	1.19	Excellent
5847	07/31/21 19:00:00	8.95	27.62					9.05722114	115.0902211			0.11	1.20	Excellent
5848	07/31/21 19:30:00	8.39	27.64					8.490773629	107.9307415			0.10	1.20	Excellent
5849	07/31/21 20:00:00	8.36	27.56					8.460673659	107.3951873			0.10	1.20	Excellent
5850	07/31/21 20:30:00	7.97	27.40					8.066225378	102.0968271			0.10	1.21	Excellent
5851	07/31/21 21:00:00	8.12	27.34					8.218289284	103.9102535			0.10	1.21	Excellent
5852	07/31/21 21:30:00	7.98	27.26					8.076843171	101.9760476			0.10	1.21	Excellent
5853	07/31/21 22:00:00	7.91	27.24					8.006240018	101.0485102			0.10	1.22	Excellent
5854	07/31/21 22:30:00	7.88	27.22					7.976120426	100.6323825			0.10	1.22	Excellent
5855	07/31/21 23:00:00	7.78	27.16					7.875142924	99.25182017			0.10	1.22	Excellent
5856	07/31/21 23:30:00	7.58	27.10				7.341	7.672933162	96.59954122		7.417	0.09	1.23	Excellent
5857	08/01/21 00:00:00	7.57	27.08	7.49	8.02	7.65604		7.663046319	96.44052249	7.756		0.09	1.23	Excellent
5858	08/01/21 00:30:00	8.02	27.12					8.118827249	102.2497966			0.10	1.23	Excellent
5859	08/01/21 01:00:00	7.87	27.10					7.967223963	100.3045593			0.10	1.24	Excellent
5860	08/01/21 01:30:00	7.87	27.08					7.967469066	100.2717258			0.10	1.24	Excellent
5861	08/01/21 02:00:00	7.84	27.08					7.937341688	99.89256853			0.10	1.24	Excellent
5862	08/01/21 02:30:00	7.80	27.08					7.89708797	99.38596979			0.10	1.24	Excellent
5863	08/01/21 03:00:00	7.81	27.08					7.907455677	99.51644885			0.10	1.25	Excellent
5864	08/01/21 03:30:00	7.69	27.08					7.786197776	97.990401			0.10	1.25	Excellent
5865	08/01/21 04:00:00	7.66	27.08					7.756061055	97.6111261			0.10	1.25	Excellent
5866	08/01/21 04:30:00	7.51	27.06					7.604413855	95.66834531			0.09	1.26	Excellent
5867	08/01/21 05:00:00	7.60	27.04					7.695782007	96.78312658			0.10	1.26	Excellent
5868	08/01/21 05:30:00	7.61	27.00					7.706145042	96.8439937			0.10	1.26	Excellent
5869	08/01/21 06:00:00	7.49	26.96					7.584862226	95.25146499			0.09	1.27	Excellent
5870	08/01/21 06:30:00	7.61	26.94					7.706619054	96.74577875			0.10	1.27	Excellent
5871	08/01/21 07:00:00	7.58	26.94					7.676474235	96.36735289			0.10	1.27	Excellent
5872	08/01/21 07:30:00	7.49	26.90					7.585562032	95.15773659			0.10	1.28	Excellent
5873	08/01/21 08:00:00	7.64	26.88					7.737713764	97.03156589			0.10	1.28	Excellent
5874	08/01/21 08:30:00	7.68	26.88					7.77846454	97.54258397			0.10	1.28	Excellent
5875	08/01/21 09:00:00	7.67	26.86					7.768575206	97.3835839			0.10	1.29	Excellent
5876	08/01/21 09:30:00	7.62	26.84					7.718169921	96.7169677			0.10	1.29	Excellent
5877	08/01/21 10:00:00	7.64	26.80					7.738665525	96.90411105			0.10	1.29	Excellent
5878	08/01/21 10:30:00	7.58	26.78					7.678126736	96.11147314			0.10	1.29	Excellent
5879	08/01/21 11:00:00	7.60	26.76					7.69862234	96.3333722			0.10	1.30	Excellent
5880	08/01/21 11:30:00	7.52	26.74					7.617818413	95.28797812			0.10	1.30	Excellent
5881	08/01/21 12:00:00	7.60	26.72					7.699095729	96.26998886			0.10	1.30	Excellent
5882	08/01/21 12:30:00	7.56	26.70					7.658809621	95.73178138			0.10	1.31	Excellent
5883	08/01/21 13:00:00	7.55	26.68					7.648914058	95.57367144			0.10	1.31	Excellent
5884	08/01/21 13:30:00	7.54	26.66					7.639017872	95.4156459			0.10	1.31	Excellent
5885	08/01/21 14:00:00	7.58	26.64					7.679779237	95.89022605			0.10	1.32	Excellent
5886	08/01/21 14:30:00	7.59	26.64					7.690147255	96.0196818			0.10	1.32	Excellent
5887	08/01/21 15:00:00	7.57	26.62					7.670119122	95.73510351			0.10	1.32	Excellent
5888	08/01/21 15:30:00	7.61	26.62					7.710885159	96.24392752			0.10	1.33	Excellent
5889	08/01/21 16:00:00	7.58	26.60					7.680723523	95.83291277			0.10	1.33	Excellent
5890	08/01/21 16:30:00	7.65	26.60					7.751891939	96.72088596			0.10	1.33	Excellent
5891	08/01/21 17:00:00	7.65	26.60					7.752130191	96.72385864			0.10	1.34	Excellent
5892	08/01/21 17:30:00	7.74	26.62					7.843572777	97.90007687			0.10	1.34	Excellent
5893	08/01/21 18:00:00	7.75	26.62					7.853947958	98.02957539			0.10	1.34	Excellent
5894	08/01/21 18:30:00	7.74	26.62					7.844054886	97.90609435			0.10	1.34	Excellent
5895	08/01/21 19:00:00	7.71	26.60					7.813891693	97.49446113			0.10	1.35	Excellent
5896	08/01/21 19:30:00	7.64	26.58					7.743186388	96.57743811			0.10	1.35	Excellent
5897	08/01/21 20:00:00	7.71	26.58					7.814371933	97.46530484			0.10	1.35	Excellent
5898	08/01/21 20:30:00	7.60	26.58					7.703119534	96.07770145			0.10	1.36	Excellent
5899	08/01/21 21:00:00	7.62	26.54					7.723628219	96.26402666			0.10	1.36	Excellent
5900	08/01/21 21:30:00	7.65	26.54					7.754274455	96.64598836			0.10	1.36	Excellent
5901	08/01/21 22:00:00	7.70	26.54					7.805195796	97.28065036			0.11	1.37	Excellent
5902	08/01/21 22:30:00	7.68	26.54					7.785161747	97.03095446			0.11	1.37	Excellent
5903	08/01/21 23:00:00	7.74	26.52					7.846224377	97.75673123			0.11	1.37	Excellent
5904	08/01/21 23:30:00	7.76	26.54				7.359	7.866740536	98.0477179		7.441	0.11	1.38	Excellent
5905	08/02/21 00:00:00	7.75	26.52	7.71	8.45	7.97813		7.85684435	97.88904631	8.094		0.11	1.38	Excellent
5906	08/02/21 00:30:00	7.80	26.50					7.907776592	98.48805963			0.11	1.38	Excellent
5907	08/02/21 01:00:00	7.86	26.48					7.968850434	99.21288198			0.11	1.38	Excellent

5908	08/02/21 01:30:00	7.94	26.44					8.05020561	100.1533855			0.11	1.39	Excellent
5909	08/02/21 02:00:00	7.84	26.42					7.949061799	98.85931733			0.11	1.39	Excellent
5910	08/02/21 02:30:00	7.83	26.40					7.939166547	98.70057346			0.11	1.39	Excellent
5911	08/02/21 03:00:00	7.78	26.40					7.888711743	98.0733139			0.11	1.40	Excellent
5912	08/02/21 03:30:00	7.84	26.36					7.949794306	98.76125189			0.11	1.40	Excellent
5913	08/02/21 04:00:00	7.81	26.34					7.919617409	98.35077757			0.11	1.40	Excellent
5914	08/02/21 04:30:00	7.78	26.34					7.889438644	97.97599873			0.11	1.41	Excellent
5915	08/02/21 05:00:00	7.78	26.30					7.889680944	97.90812011			0.11	1.41	Excellent
5916	08/02/21 05:30:00	7.82	26.24					7.930488403	98.30766855			0.11	1.41	Excellent
5917	08/02/21 06:00:00	7.77	26.18					7.880023944	97.57595353			0.11	1.42	Excellent
5918	08/02/21 06:30:00	7.77	26.16					7.880265933	97.54357219			0.11	1.42	Excellent
5919	08/02/21 07:00:00	7.77	26.14					7.880507922	97.51119184			0.11	1.42	Excellent
5920	08/02/21 07:30:00	7.79	26.12					7.901034981	97.72972317			0.11	1.43	Excellent
5921	08/02/21 08:00:00	7.82	26.08					7.931706133	98.03790639			0.11	1.43	Excellent
5922	08/02/21 08:30:00	7.81	26.06					7.921806521	97.87999617			0.11	1.43	Excellent
5923	08/02/21 09:00:00	7.86	26.04					7.972767104	98.47387925			0.11	1.43	Excellent
5924	08/02/21 09:30:00	7.89	26.02					8.003443239	98.81686031			0.11	1.44	Excellent
5925	08/02/21 10:00:00	7.90	26.00					8.013833058	98.90918936			0.11	1.44	Excellent
5926	08/02/21 10:30:00	7.91	25.96					8.024223499	98.96544389			0.11	1.44	Excellent
5927	08/02/21 11:00:00	7.90	25.94					8.014325133	98.80741944			0.11	1.45	Excellent
5928	08/02/21 11:30:00	7.95	25.94					8.065296304	99.43583541			0.12	1.45	Excellent
5929	08/02/21 12:00:00	7.97	25.94					8.085834576	99.68904869			0.12	1.45	Excellent
5930	08/02/21 12:30:00	8.03	25.94					8.146956691	100.4426141			0.12	1.46	Excellent
5931	08/02/21 13:00:00	8.07	25.94					8.187790622	100.9460496			0.12	1.46	Excellent
5932	08/02/21 13:30:00	8.06	25.94					8.177895682	100.8240563			0.12	1.46	Excellent
5933	08/02/21 14:00:00	8.18	25.96					8.29990571	102.3655252			0.12	1.47	Excellent
5934	08/02/21 14:30:00	8.26	25.98					8.381335632	103.4074217			0.12	1.47	Excellent
5935	08/02/21 15:00:00	8.29	25.98					8.412034502	103.7861789			0.12	1.47	Excellent
5936	08/02/21 15:30:00	8.40	26.00					8.523915387	105.2047822			0.12	1.48	Excellent
5937	08/02/21 16:00:00	8.35	25.98					8.473437848	104.5437624			0.12	1.48	Excellent
5938	08/02/21 16:30:00	8.45	25.98					8.575179312	105.7990304			0.13	1.48	Excellent
5939	08/02/21 17:00:00	8.33	25.94					8.453661048	104.2239264			0.12	1.48	Excellent
5940	08/02/21 17:30:00	8.37	25.92					8.494515533	104.6895204			0.12	1.49	Excellent
5941	08/02/21 18:00:00	8.23	25.90					8.352689151	102.9041446			0.12	1.49	Excellent
5942	08/02/21 18:30:00	8.21	25.88					8.332646693	102.6198615			0.12	1.49	Excellent
5943	08/02/21 19:00:00	8.15	25.86					8.272004195	101.8359377			0.12	1.50	Excellent
5944	08/02/21 19:30:00	8.08	25.84					8.201207949	100.9276047			0.12	1.50	Excellent
5945	08/02/21 20:00:00	8.04	25.84					8.160858308	100.4310446			0.12	1.50	Excellent
5946	08/02/21 20:30:00	7.71	25.82					7.826137826	96.27674783			0.12	1.51	Excellent
5947	08/02/21 21:00:00	7.96	25.80					8.08015155	99.3653942			0.12	1.51	Excellent
5948	08/02/21 21:30:00	8.17	25.80					8.293575824	101.9899721			0.12	1.51	Excellent
5949	08/02/21 22:00:00	7.92	25.78					8.040041094	98.83610266			0.12	1.52	Excellent
5950	08/02/21 22:30:00	7.99	25.78					8.111350904	99.71271307			0.12	1.52	Excellent
5951	08/02/21 23:00:00	7.90	25.76					8.020230035	98.55662302			0.12	1.52	Excellent
5952	08/02/21 23:30:00	7.86	25.74				7.443	7.979866068	98.02485169		7.526	0.12	1.53	Excellent
5953	08/03/21 00:00:00	7.91	25.72	7.76	10.75	8.77500		8.030874924	98.6154616	8.834		0.12	1.53	Excellent
5954	08/03/21 00:30:00	8.01	25.72					8.132652515	99.86524376			0.12	1.53	Excellent
5955	08/03/21 01:00:00	8.11	25.70					8.234436335	101.0782095			0.12	1.53	Excellent
5956	08/03/21 01:30:00	7.93	25.70					8.051921465	98.83782833			0.12	1.54	Excellent
5957	08/03/21 02:00:00	7.93	25.70					8.052168437	98.84085992			0.12	1.54	Excellent
5958	08/03/21 02:30:00	7.76	25.68					7.879791119	96.68961694			0.12	1.54	Excellent
5959	08/03/21 03:00:00	8.06	25.72					8.184673239	100.5040344			0.12	1.55	Excellent
5960	08/03/21 03:30:00	8.17	25.72					8.296629182	101.878802			0.13	1.55	Excellent
5961	08/03/21 04:00:00	8.18	25.74					8.307038933	102.0438504			0.13	1.55	Excellent
5962	08/03/21 04:30:00	8.03	25.66					8.154959454	100.0295619			0.12	1.56	Excellent
5963	08/03/21 05:00:00	8.01	25.60					8.134897686	99.67417968			0.12	1.56	Excellent
5964	08/03/21 05:30:00	8.03	25.56					8.155459627	99.8530816			0.13	1.56	Excellent
5965	08/03/21 06:00:00	8.07	25.52					8.196335913	100.280169			0.13	1.57	Excellent
5966	08/03/21 06:30:00	8.20	25.50					8.328626445	101.861429			0.13	1.57	Excellent
5967	08/03/21 07:00:00	8.21	25.48					8.339038999	101.9514517			0.13	1.57	Excellent
5968	08/03/21 07:30:00	8.19	25.46					8.318979723	101.6689781			0.13	1.57	Excellent
5969	08/03/21 08:00:00	8.19	25.44					8.319234792	101.6348647			0.13	1.58	Excellent
5970	08/03/21 08:30:00	8.22	25.44					8.349964183	102.0102812			0.13	1.58	Excellent
5971	08/03/21 09:00:00	8.22	25.42					8.350220187	101.9760426			0.13	1.58	Excellent
5972	08/03/21 09:30:00	8.19	25.40					8.32	101.5697546			0.13	1.59	Excellent
5973	08/03/21 10:00:00	8.40	25.34					8.37	101.8351258			-0.03	-0.36	Excellent
5974	08/03/21 10:30:00	8.41	25.40					8.382899988	102.1042996			-0.03	-0.32	Excellent
5975	08/03/21 11:00:00	8.43	25.40					8.405778224	102.3829581			-0.02	-0.29	Excellent
5976	08/03/21 11:30:00	8.54	25.38					8.518443245	103.7172098			-0.02	-0.25	Excellent
5977	08/03/21 12:00:00	8.55	25.38					8.531402575	103.8749975			-0.02	-0.22	Excellent
5978	08/03/21 12:30:00	8.58	25.38					8.564332365	104.2759377			-0.02	-0.18	Excellent
5979	08/03/21 13:00:00	8.83	25.42					8.816958161	107.4305097			-0.01	-0.15	Excellent
5980	08/03/21 13:30:00	8.83	25.46					8.820040474	107.5468072			-0.01	-0.11	Excellent
5981	08/03/21 14:00:00	8.99	25.54					8.982998171	109.6942583			-0.01	-0.08	Excellent
5982	08/03/21 14:30:00	9.13	25.54					9.126076167	111.4414294			0.00	-0.04	Excellent
5983	08/03/21 15:00:00	9.38	25.60					9.379243026	114.6586011			0.00	-0.01	Excellent
5984	08/03/21 15:30:00	9.96	25.70					9.962672985	122.0134242			0.00	0.03	Excellent
5985	08/03/21 16:00:00	9.81	25.74					9.816057133	120.3055507			0.01	0.06	Excellent
5986	08/03/21 16:30:00	9.96	25.78					9.969626514	122.2768236			0.01	0.10	Excellent
5987	08/03/21 17:00:00	9.97	25.78					9.983116435	122.4422766			0.01	0.13	Excellent
5988	08/03/21 17:30:00	10.75	25.88					10.76789513	132.3082694			0.02	0.17	Excellent
5989	08/03/21 18:00:00	10.61	25.94					10.63136574	130.7733512			0.02	0.20	Excellent
5990	08/03/21 18:30:00	10.49	25.94					10.51478586	129.3393359			0.02	0.24	Excellent
5991	08/03/21 19:00:00	9.73	25.76					9.756386606	119.6178376			0.03	0.27	Excellent
5992	08/03/21 19:30:00	9.77	25.64					9.799905522	119.8886382			0.03	0.31	Excellent
5993	08/03/21 20:00:00	9.35	25.56					9.381883752	114.6070758			0.03	0.34	Excellent
5994	08/03/21 20:30:00	9.05	25.42					9.084019852	110.6845315			0.03	0.38	Excellent
5995	08/03/21 21:00:00	9.08	25.44					9.117302206	111.130757			0.04	0.41	Excellent
5996	08/03/21 21:30:00	9.07	25.40					9.110427215	110.9656314			0.04	0.45	Excellent
5997	08/03/21 22:00:00	8.89	25.34					8.932728167	108.6816603			0.04	0.48	Excellent
5998	08/03/21 22:30:00	9.00	25.36					9.046398517	110.1050165			0.05	0.52	Excellent
5999	08/03/21 23:00:00	8.93	25.32					8.97915486	109.2064573			0.05	0.55	Excellent
6000	08/03/21 23:30:00	9.09	25.32				7.655	9.143208646	111.2017155		7.733	0.05	0.59	Excellent
6001	08/04/21 00:00:00	8.96	25.28	8.46	10.29	9.09479		9.015575378	109.5689734	9.226		0.06	0.62	Excellent
6002	08/04/21 00:30:00	9.22	25.32					9.280406507	112.8703461			0.06	0.66	Excellent
6003	08/04/21 01:00:00	9.31	25.32					9.374246026	114.011643			0.06	0.69	Excellent
6004	08/04/21 01:30:00	9.48	25.38					9.548728365	116.2615556			0.07	0.72	Excellent
6005	08/04/21 02:00:00	9.52	25.42					9.59234153	116.8781933			0.07	0.76	Excellent
6006	08/04/21 02:30:00	9.23	25.38					9.303359791	113.2740445			0.07	0.79	Excellent
6007	08/04/21 03:00:00	9.37	25.38					9.447743319	115.0320015			0.08	0.83	Excellent
6008	08/04/21 03:30:00	9.74	25.38					9.824213195	119.6157504			0.08	0.86	Excellent
6009	08/04/21 04:00:00	9.56	25.36					9.645994029	117.4027797			0.09	0.90	Excellent
6010	08/04/21 04:30:00	9.55	25.32					9.639237722	117.2345303			0.09	0.93	Excellent
6011	08/04/21 05:00:00	9.27	25.28					9.359857233	113.7531334			0.09	0.97	Excellent
6012	08/04/21 05:30:00	9.08	25.26					9.17118508	111.4192364			0.09	1.00	Excellent
6013	08/04/21 06:00:00	9.03	25.24					9.123835087	110.8032957			0.09	1.04	Excellent
6014	08/04/21 06:30:00	9.01	25.22					9.106772403	110.5554662			0.10	1.07	Excellent
6015	08/04/21 07:00:00	8.93	25.16					9.029030378	109.4909039			0.10	1.11	Excellent
6016	08/04/21 07:30:00	8.80	25.12					8.900660567	107.8548634			0.10	1.14	Excellent
6017	08/04/21 08:00:00	8.70	25.10					8.80255363	106.6268034			0.10	1.18	Excellent
6018	08/04/21 08:30:00	8.75	25.10					8.856197405	107.2765994			0.11	1.21	Excellent
6019	08/04/21 09:00:00	8.77	25.08					8.879501511	107.5193093			0.11	1.25	Excellent
6020	08/04/21 09:30:00	8.78	25.06					8.892691229	107.6393878			0.11	1.28	Excellent
6021	08/04/21 10:00:00	8.75	25.04					8.865360566	107.2690637			0.12	1.32	Excellent
6022	08/04/21 10:30:00	8.76	25.04					8.878550284	107.4286566			0.12	1.35	Excellent
6023	08/04/21 11:00:00	8.69	25.00					8.810636407	106.5283964			0.12	1.39	Excellent

6024	08/04/21 11:30:00	8.68	24.98					8.803527536	106.4032226			0.12	1.42	Excellent
6025	08/04/21 12:00:00	8.79	24.98					8.918161327	107.7887359			0.13	1.46	Excellent
6026	08/04/21 12:30:00	8.80	25.00					8.931378971	107.988281			0.13	1.49	Excellent
6027	08/04/21 13:00:00	8.87	25.02					9.005520307	108.92484			0.14	1.53	Excellent
6028	08/04/21 13:30:00	8.98	25.04					9.120335615	110.35421			0.14	1.56	Excellent
6029	08/04/21 14:00:00	8.96	25.06					9.103150756	110.1868432			0.14	1.60	Excellent
6030	08/04/21 14:30:00	9.04	25.12					9.187584506	111.3317			0.15	1.63	Excellent
6031	08/04/21 15:00:00	9.27	25.14					9.424575326	114.245479			0.15	1.67	Excellent
6032	08/04/21 15:30:00	9.08	25.12					9.234576696	111.9011337			0.15	1.70	Excellent
6033	08/04/21 16:00:00	9.08	25.12					9.237746277	111.9395415			0.16	1.74	Excellent
6034	08/04/21 16:30:00	9.35	25.14					9.515700801	115.3501095			0.17	1.77	Excellent
6035	08/04/21 17:00:00	9.38	25.14					9.549506764	115.7599082			0.17	1.81	Excellent
6036	08/04/21 17:30:00	9.34	25.14					9.51204426	115.3057846			0.17	1.84	Excellent
6037	08/04/21 18:00:00	9.31	25.08					9.484741523	114.8479852			0.17	1.88	Excellent
6038	08/04/21 18:30:00	9.54	25.08					9.7223886	117.7255847			0.18	1.91	Excellent
6039	08/04/21 19:00:00	10.29	25.20					10.49031928	127.3048313			0.20	1.95	Excellent
6040	08/04/21 19:30:00	9.71	25.14					9.902417704	120.0379237			0.19	1.98	Excellent
6041	08/04/21 20:00:00	9.40	25.04					9.58955589	116.0316801			0.19	2.02	Excellent
6042	08/04/21 20:30:00	9.19	25.00					9.378529109	113.3947221			0.19	2.05	Excellent
6043	08/04/21 21:00:00	9.04	24.98					9.228607538	111.5409224			0.19	2.09	Excellent
6044	08/04/21 21:30:00	8.84	24.92					9.027520608	108.9898619			0.19	2.12	Excellent
6045	08/04/21 22:00:00	8.60	24.86					8.785431577	105.9497322			0.19	2.16	Excellent
6046	08/04/21 22:30:00	8.50	24.82					8.686242515	104.6761926			0.19	2.19	Excellent
6047	08/04/21 23:00:00	8.46	24.82					8.648319235	104.2191867			0.19	2.23	Excellent
6048	08/04/21 23:30:00	8.79	24.88				7.913	8.98873337	108.4415185		8.002	0.20	2.26	Excellent
6049	08/05/21 00:00:00	9.00	24.92	8.54	11.15	9.45333		9.206622922	111.1521761	9.750		0.21	2.30	Excellent
6050	08/05/21 00:30:00	8.90	24.90					9.107433859	109.9140983			0.21	2.33	Excellent
6051	08/05/21 01:00:00	8.87	24.88					9.079830919	109.5405339			0.21	2.37	Excellent
6052	08/05/21 01:30:00	9.55	25.02					9.779250813	118.2833744			0.23	2.40	Excellent
6053	08/05/21 02:00:00	9.45	25.00					9.680149019	117.0415739			0.23	2.44	Excellent
6054	08/05/21 02:30:00	9.12	24.98					9.345295612	112.9512647			0.23	2.47	Excellent
6055	08/05/21 03:00:00	9.24	24.94					9.471485461	114.3920658			0.23	2.51	Excellent
6056	08/05/21 03:30:00	9.20	24.96					9.433694829	113.9776704			0.23	2.54	Excellent
6057	08/05/21 04:00:00	9.28	24.94					9.518966353	114.9655173			0.24	2.58	Excellent
6058	08/05/21 04:30:00	9.25	24.90					9.491422756	114.5483119			0.24	2.61	Excellent
6059	08/05/21 05:00:00	9.25	24.90					9.494651679	114.5872805			0.24	2.64	Excellent
6060	08/05/21 05:30:00	9.08	24.88					9.323324959	112.478085			0.24	2.68	Excellent
6061	08/05/21 06:00:00	8.89	24.82					9.131336614	110.0399337			0.24	2.71	Excellent
6062	08/05/21 06:30:00	8.82	24.80					9.062515148	109.1702353			0.24	2.75	Excellent
6063	08/05/21 07:00:00	8.73	24.78					8.973087909	108.0530204			0.24	2.78	Excellent
6064	08/05/21 07:30:00	8.72	24.76					8.965853372	107.9259954			0.25	2.82	Excellent
6065	08/05/21 08:00:00	8.72	24.76					8.968897287	107.9626363			0.25	2.85	Excellent
6066	08/05/21 08:30:00	8.54	24.76					8.78674058	105.7699344			0.25	2.89	Excellent
6067	08/05/21 09:00:00	8.65	24.76					8.902938217	107.1686574			0.25	2.92	Excellent
6068	08/05/21 09:30:00	8.77	24.78					9.029508555	108.7324321			0.26	2.96	Excellent
6069	08/05/21 10:00:00	8.89	24.80					9.15616267	110.2983462			0.27	2.99	Excellent
6070	08/05/21 10:30:00	9.01	24.82					9.282900562	111.8664009			0.27	3.03	Excellent
6071	08/05/21 11:00:00	9.04	24.84					9.316964839	112.3183835			0.28	3.06	Excellent
6072	08/05/21 11:30:00	9.17	24.88					9.454148738	114.056364			0.28	3.10	Excellent
6073	08/05/21 12:00:00	9.44	24.98					9.735810415	117.6711947			0.30	3.13	Excellent
6074	08/05/21 12:30:00	9.31	25.06					9.604986622	116.2611917			0.29	3.17	Excellent
6075	08/05/21 13:00:00	9.42	25.06					9.721760229	117.674649			0.30	3.20	Excellent
6076	08/05/21 13:30:00	9.42	25.10					9.725048494	117.8011379			0.31	3.24	Good
6077	08/05/21 14:00:00	9.55	25.10					9.862591938	119.4672246			0.31	3.27	Good
6078	08/05/21 14:30:00	9.66	25.10					9.979564517	120.884133			0.32	3.31	Good
6079	08/05/21 15:00:00	9.74	25.14					10.06561098	122.0161661			0.33	3.34	Good
6080	08/05/21 15:30:00	9.31	25.02					9.624485827	116.4114391			0.31	3.38	Good
6081	08/05/21 16:00:00	9.81	25.12					10.14479991	122.9308769			0.33	3.41	Good
6082	08/05/21 16:30:00	9.87	25.12					10.21029296	123.7244972			0.34	3.45	Good
6083	08/05/21 17:00:00	9.93	25.20					10.27582791	124.7018802			0.35	3.48	Good
6084	08/05/21 17:30:00	10.31	25.20					10.67266095	129.5176309			0.36	3.52	Good
6085	08/05/21 18:00:00	11.15	25.56					11.54610065	141.0446844			0.40	3.55	Good
6086	08/05/21 18:30:00	10.95	25.56					11.34281806	138.5614278			0.39	3.59	Good
6087	08/05/21 19:00:00	11.10	25.66					11.50207383	140.7637628			0.40	3.62	Good
6088	08/05/21 19:30:00	10.82	25.56					11.2157084	137.0086836			0.40	3.66	Good
6089	08/05/21 20:00:00	10.31	25.40					10.69065565	130.2129226			0.38	3.69	Good
6090	08/05/21 20:30:00	10.29	25.32					10.67350919	129.8135675			0.38	3.73	Good
6091	08/05/21 21:00:00	9.97	25.20					10.34506302	125.5420799			0.38	3.76	Good
6092	08/05/21 21:30:00	9.70	25.04					10.06829185	121.824288			0.37	3.80	Good
6093	08/05/21 22:00:00	9.38	25.00					9.739416316	117.758168			0.36	3.83	Good
6094	08/05/21 22:30:00	9.38	24.94					9.742690619	117.6675518			0.36	3.87	Good
6095	08/05/21 23:00:00	9.46	24.94					9.829086158	118.7109958			0.37	3.90	Good
6096	08/05/21 23:30:00	9.34	24.94				8.258	9.707664643	117.2445249		8.381	0.37	3.94	Good
6097	08/06/21 00:00:00	9.34	25.02	8.97	10.63	9.52229		9.710924983	117.4569502	9.979		0.37	3.97	Good
6098	08/06/21 00:30:00	9.20	25.02					9.568576549	115.7351973			0.37	4.01	Good
6099	08/06/21 01:00:00	9.59	25.28					9.977548598	121.2601205			0.39	4.04	Good
6100	08/06/21 01:30:00	9.41	25.20					9.793559259	118.8493291			0.38	4.08	Good
6101	08/06/21 02:00:00	9.60	25.16					9.994654913	121.200589			0.39	4.11	Good
6102	08/06/21 02:30:00	9.41	25.20					9.800128809	118.9290536			0.39	4.15	Good
6103	08/06/21 03:00:00	9.50	25.22					9.897176307	120.1509045			0.40	4.18	Good
6104	08/06/21 03:30:00	9.59	25.28					9.994286638	121.4635429			0.40	4.22	Good
6105	08/06/21 04:00:00	9.59	25.28					9.997634245	121.5042274			0.41	4.25	Good
6106	08/06/21 04:30:00	9.45	25.28					9.854982118	119.7705336			0.40	4.29	Good
6107	08/06/21 05:00:00	9.46	25.28					9.868712899	119.9374079			0.41	4.32	Good
6108	08/06/21 05:30:00	9.36	25.24					9.767659788	118.6221458			0.41	4.36	Good
6109	08/06/21 06:00:00	9.20	25.18					9.603902714	116.5049365			0.40	4.39	Good
6110	08/06/21 06:30:00	9.19	25.14					9.596671668	116.331645			0.41	4.43	Good
6111	08/06/21 07:00:00	9.10	25.10					9.505865592	115.1461388			0.41	4.46	Good
6112	08/06/21 07:30:00	9.09	25.06					9.498592657	114.9733722			0.41	4.49	Good
6113	08/06/21 08:00:00	9.08	25.02					9.491312741	114.8006652			0.41	4.53	Good
6114	08/06/21 08:30:00	9.13	25.02					9.546764714	115.4713758			0.42	4.56	Good
6115	08/06/21 09:00:00	9.07	25.02					9.487191934	114.7508227			0.42	4.60	Good
6116	08/06/21 09:30:00	9.03	24.96					9.448504185	114.1565967			0.42	4.63	Good
6117	08/06/21 10:00:00	8.97	24.96					9.388854609	113.4359119			0.42	4.67	Good
6118	08/06/21 10:30:00	9.04	25.00					9.46527888	114.4436037			0.43	4.70	Good
6119	08/06/21 11:00:00	9.08	25.08					9.510330226	115.1578314			0.43	4.74	Good
6120	08/06/21 11:30:00	9.17	25.18					9.607796611	116.5521734			0.44	4.77	Good
6121	08/06/21 12:00:00	9.29	25.28					9.73676857	118.3338491			0.45	4.81	Good
6122	08/06/21 12:30:00	9.34	25.38					9.792433476	119.2288131			0.45	4.84	Good
6123	08/06/21 13:00:00	9.42	25.44					9.879596975	120.4223647			0.46	4.88	Good
6124	08/06/21 13:30:00	9.47	25.54					9.935342169	121.3236349			0.47	4.91	Good
6125	08/06/21 14:00:00	9.61	25.60					10.08557616	123.2933244			0.48	4.95	Good
6126	08/06/21 14:30:00	9.63	25.58					10.10992748	123.545855			0.48	4.98	Good
6127	08/06/21 15:00:00	9.77	25.62					10.26031506	125.4752914			0.49	5.02	Good
6128	08/06/21 15:30:00	9.99	25.66					10.49484317	128.4371528			0.50	5.05	Good
6129	08/06/21 16:00:00	9.98	25.70					10.48782157	128.4449489			0.51	5.09	Fair
6130	08/06/21 16:30:00	9.82	25.66					10.32310803	126.3354375			0.50	5.12	Good
6131	08/06/21 17:00:00	9.77	25.62					10.27395682	125.642119			0.50	5.16	Good
6132	08/06/21 17:30:00	9.86	25.58					10.37204107	126.748949			0.51	5.19	Fair
6133	08/06/21 18:00:00	10.24	25.76					10.77534941	132.1107954			0.54	5.23	Fair
6134	08/06/21 18:30:00	10.44	25.90					10.98944977	135.079726			0.55	5.26	Fair
6135	08/06/21 19:00:00	10.63	25.94					11.19315998	137.6838195			0.56	5.30	Fair
6136	08/06/21 19:30:00	10.08	26.00					10.61754053	130.7458017			0.54	5.33	Fair
6137	08/06/21 20:00:00	10.17	25.90					10.71589007	131.7171947			0.55	5.37	Fair
6138	08/06/21 20:30:00	9.79	25.76					10.31891042	126.5146412			0.53	5.40	Fair
6139	08/06/21 21:00:00	9.63	25.76					10.1536279	124.4882006			0.52	5.44	Fair

6140	08/06/21 21:30:00	9.84	25.90					10.37848145	127.5698475			0.54	5.47	Fair
6141	08/06/21 22:00:00	9.71	25.84					10.24475687	125.78869			0.53	5.51	Fair
6142	08/06/21 22:30:00	9.43	25.86					9.952628239	122.2463382			0.52	5.54	Fair
6143	08/06/21 23:00:00	9.37	25.78					9.892573739	121.3317763			0.52	5.58	Fair
6144	08/06/21 23:30:00	9.14	25.64				8.593	9.652936947	118.0906757		8.771	0.51	5.61	Fair
6145	08/07/21 00:00:00	8.96	25.56	7.73	9.28	8.76521		9.465963036	115.6341702	9.332		0.51	5.65	Fair
6146	08/07/21 00:30:00	9.02	25.60					9.532499818	116.5321221			0.51	5.68	Fair
6147	08/07/21 01:00:00	8.93	25.58					9.440503403	115.3653246			0.51	5.72	Fair
6148	08/07/21 01:30:00	8.94	25.56					9.454195786	115.490424			0.51	5.75	Fair
6149	08/07/21 02:00:00	8.72	25.54					9.224586113	112.6443658			0.50	5.79	Good
6150	08/07/21 02:30:00	8.70	25.54					9.206465739	112.4230921			0.51	5.82	Fair
6151	08/07/21 03:00:00	8.60	25.50					9.10364632	111.0862305			0.50	5.86	Good
6152	08/07/21 03:30:00	8.40	25.50					8.894865826	108.5386098			0.49	5.89	Good
6153	08/07/21 04:00:00	8.43	25.52					8.929575887	109.0020269			0.50	5.93	Good
6154	08/07/21 04:30:00	8.05	25.50					8.529866488	104.084746			0.48	5.96	Good
6155	08/07/21 05:00:00	7.95	25.48					8.426680542	102.7880083			0.48	6.00	Good
6156	08/07/21 05:30:00	7.99	25.46					8.471868026	103.3013806			0.48	6.03	Good
6157	08/07/21 06:00:00	7.73	25.46					8.198886048	99.97278583			0.47	6.07	Good
6158	08/07/21 06:30:00	7.95	25.46					8.435005928	102.8519041			0.49	6.10	Good
6159	08/07/21 07:00:00	8.33	25.46					8.841096377	107.8035515			0.51	6.14	Fair
6160	08/07/21 07:30:00	8.61	25.44					9.141281604	111.4230418			0.53	6.17	Fair
6161	08/07/21 08:00:00	8.54	25.44					9.069943323	110.5534998			0.53	6.21	Fair
6162	08/07/21 08:30:00	8.75	25.44					9.296029103	113.3092584			0.55	6.24	Fair
6163	08/07/21 09:00:00	8.83	25.46					9.384103682	114.4246892			0.55	6.28	Fair
6164	08/07/21 09:30:00	8.85	25.46					9.408448024	114.7215309			0.56	6.31	Fair
6165	08/07/21 10:00:00	8.86	25.50					9.422171823	114.9730025			0.56	6.35	Fair
6166	08/07/21 10:30:00	9.13	25.54					9.712490505	118.6023221			0.58	6.38	Fair
6167	08/07/21 11:00:00	8.99	25.60					9.566696723	116.9501697			0.58	6.41	Fair
6168	08/07/21 11:30:00	9.14	25.66					9.729509551	119.0709079			0.59	6.45	Fair
6169	08/07/21 12:00:00	9.22	25.72					9.817887823	120.2841079			0.60	6.48	Fair
6170	08/07/21 12:30:00	9.26	25.78					9.863714111	120.9778148			0.60	6.52	Fair
6171	08/07/21 13:00:00	9.24	25.76					9.845635625	120.712072			0.61	6.55	Fair
6172	08/07/21 13:30:00	9.27	25.78					9.880837879	121.1878368			0.61	6.59	Fair
6173	08/07/21 14:00:00	9.14	25.76					9.745462177	119.483899			0.61	6.62	Fair
6174	08/07/21 14:30:00	9.21	25.76					9.823314156	120.4384005			0.61	6.66	Fair
6175	08/07/21 15:00:00	8.94	25.72					9.538454973	116.8606291			0.60	6.69	Fair
6176	08/07/21 15:30:00	9.27	25.74					9.893781497	121.2581401			0.62	6.73	Fair
6177	08/07/21 16:00:00	9.28	25.74					9.907693796	121.4286492			0.63	6.76	Fair
6178	08/07/21 16:30:00	9.26	25.78					9.889573422	121.2949776			0.63	6.80	Fair
6179	08/07/21 17:00:00	9.23	25.78					9.860755709	120.9415302			0.63	6.83	Fair
6180	08/07/21 17:30:00	9.24	25.74					9.874664517	121.0238425			0.63	6.87	Fair
6181	08/07/21 18:00:00	9.23	25.72					9.867199592	120.8882524			0.64	6.90	Fair
6182	08/07/21 18:30:00	9.13	25.70					9.763483056	119.5739338			0.63	6.94	Fair
6183	08/07/21 19:00:00	9.09	25.66					9.723880736	119.0020218			0.63	6.97	Fair
6184	08/07/21 19:30:00	9.08	25.64					9.716352978	118.8664854			0.64	7.01	Fair
6185	08/07/21 20:00:00	8.78	25.54					9.398392959	114.7667767			0.62	7.04	Fair
6186	08/07/21 20:30:00	8.66	25.48					9.272964089	113.1109106			0.61	7.08	Fair
6187	08/07/21 21:00:00	8.51	25.44					9.115317538	111.1065659			0.61	7.11	Fair
6188	08/07/21 21:30:00	8.38	25.42					8.978995849	109.4048631			0.60	7.15	Fair
6189	08/07/21 22:00:00	8.26	25.40					8.853301684	107.8338247			0.59	7.18	Fair
6190	08/07/21 22:30:00	8.18	25.40					8.770410836	106.8242085			0.59	7.22	Fair
6191	08/07/21 23:00:00	8.19	25.42					8.783991515	107.0288266			0.59	7.25	Fair
6192	08/07/21 23:30:00	8.28	25.48				8.749	8.883409217	108.3591499		8.996	0.60	7.29	Fair
6193	08/08/21 00:00:00	8.15	25.48	6.68	9.17	8.29667		8.746780344	106.6925613	8.975		0.60	7.32	Fair
6194	08/08/21 00:30:00	8.12	25.48					8.717418078	106.3344026			0.60	7.36	Fair
6195	08/08/21 01:00:00	7.91	25.50					8.494728776	103.655982			0.58	7.39	Fair
6196	08/08/21 01:30:00	8.02	25.48					8.61565984	105.0931634			0.60	7.43	Fair
6197	08/08/21 02:00:00	8.16	25.48					8.768906325	106.9624523			0.61	7.46	Fair
6198	08/08/21 02:30:00	8.07	25.48					8.675007464	105.8170812			0.61	7.50	Fair
6199	08/08/21 03:00:00	7.65	25.48					8.226190494	100.3424459			0.58	7.53	Fair
6200	08/08/21 03:30:00	7.68	25.46					8.261130943	100.7317664			0.58	7.57	Fair
6201	08/08/21 04:00:00	7.46	25.44					8.027088046	97.84214136			0.57	7.60	Fair
6202	08/08/21 04:30:00	6.89	25.42					7.416163374	90.36248069			0.53	7.64	Fair
6203	08/08/21 05:00:00	6.68	25.42					7.19245827	87.63673867			0.51	7.67	Fair
6204	08/08/21 05:30:00	6.74	25.40					7.259413939	88.42016213			0.52	7.71	Fair
6205	08/08/21 06:00:00	7.50	25.40					8.080600916	98.4222761			0.58	7.74	Fair
6206	08/08/21 06:30:00	7.18	25.40					7.738334952	94.25345308			0.56	7.78	Fair
6207	08/08/21 07:00:00	7.62	25.38					8.215210399	100.0251661			0.60	7.81	Fair
6208	08/08/21 07:30:00	8.07	25.40					8.703177637	106.0053035			0.63	7.85	Fair
6209	08/08/21 08:00:00	7.89	25.38					8.5118089	103.6364326			0.62	7.88	Fair
6210	08/08/21 08:30:00	7.90	25.38					8.525354673	103.8013606			0.63	7.92	Fair
6211	08/08/21 09:00:00	8.15	25.40					8.79798932	107.1601163			0.65	7.95	Fair
6212	08/08/21 09:30:00	8.17	25.40					8.822431403	107.4578226			0.65	7.99	Fair
6213	08/08/21 10:00:00	8.11	25.40					8.760470965	106.7031402			0.65	8.02	Fair
6214	08/08/21 10:30:00	8.21	25.40					8.871357456	108.0537453			0.66	8.06	Fair
6215	08/08/21 11:00:00	8.18	25.42					8.841796218	107.7331498			0.66	8.09	Fair
6216	08/08/21 11:30:00	8.20	25.44					8.866276699	108.0710082			0.67	8.13	Fair
6217	08/08/21 12:00:00	8.20	25.44					8.869139096	108.105898			0.67	8.16	Fair
6218	08/08/21 12:30:00	8.28	25.50					8.958557605	109.3158016			0.68	8.20	Fair
6219	08/08/21 13:00:00	8.26	25.58					8.939801918	109.2466265			0.68	8.23	Fair
6220	08/08/21 13:30:00	8.35	25.66					9.040123718	110.6341212			0.69	8.26	Fair
6221	08/08/21 14:00:00	8.39	25.68					9.08635842	111.2405466			0.70	8.30	Fair
6222	08/08/21 14:30:00	8.38	25.68					9.078453664	111.143772			0.70	8.33	Fair
6223	08/08/21 15:00:00	8.48	25.78					9.189748571	112.7116711			0.71	8.37	Fair
6224	08/08/21 15:30:00	8.82	25.82					9.561284293	117.3540244			0.74	8.40	Fair
6225	08/08/21 16:00:00	8.99	25.86					9.748710249	119.7416503			0.76	8.44	Fair
6226	08/08/21 16:30:00	9.10	25.90					9.871170252	121.3340978			0.77	8.47	Fair
6227	08/08/21 17:00:00	9.09	25.84					9.863495884	121.1074349			0.77	8.51	Fair
6228	08/08/21 17:30:00	9.11	25.80					9.888377798	121.3245196			0.78	8.54	Fair
6229	08/08/21 18:00:00	8.97	25.82					9.739547082	119.5419999			0.77	8.58	Fair
6230	08/08/21 18:30:00	9.12	25.82					9.905599306	121.5801044			0.79	8.61	Fair
6231	08/08/21 19:00:00	8.95	25.80					9.724079661	119.3086791			0.77	8.65	Fair
6232	08/08/21 19:30:00	9.17	25.92					9.966308315	122.5480905			0.80	8.68	Fair
6233	08/08/21 20:00:00	9.09	26.00					9.882534313	121.6948377			0.79	8.72	Fair
6234	08/08/21 20:30:00	9.08	26.02					9.874832019	121.6441789			0.79	8.75	Fair
6235	08/08/21 21:00:00	8.98	25.98					9.769213036	120.2556726			0.79	8.79	Fair
6236	08/08/21 21:30:00	8.98	25.90					9.772347709	120.1193944			0.79	8.82	Fair
6237	08/08/21 22:00:00	8.89	25.92					9.677509842	118.996956			0.79	8.86	Fair
6238	08/08/21 22:30:00	8.97	26.02					9.767727728	120.3248032			0.80	8.89	Fair
6239	08/08/21 23:00:00	8.95	26.00					9.749073272	120.0513807			0.80	8.93	Fair
6240	08/08/21 23:30:00	8.93	26.08				8.841	9.730404853	119.9956864		9.170	0.80	8.96	Fair
6241	08/09/21 00:00:00	9.06	26.12	7.11	9.32	8.54208		9.875219483	121.8699605	9.382		0.82	9.00	Poor
6242	08/09/21 00:30:00	8.55	26.02					9.322314217	114.837929			0.77	9.03	Fair
6243	08/09/21 01:00:00	8.20	26.00					8.943561411	110.1322009			0.74	9.07	Fair
6244	08/09/21 01:30:00	8.62	26.12					9.404655272	116.0627334			0.78	9.10	Fair
6245	08/09/21 02:00:00	8.18	26.12					8.927458678	110.1736562			0.75	9.14	Fair
6246	08/09/21 02:30:00	8.59	26.16					9.377921523	115.8167901			0.79	9.17	Fair
6247	08/09/21 03:00:00	8.63	26.16					9.424603039	116.3933042			0.79	9.21	Fair
6248	08/09/21 03:30:00	8.38	26.16					9.154509641	113.0576663			0.77	9.24	Fair
6249	08/09/21 04:00:00	8.17	26.14					8.927952612	110.2197242			0.76	9.28	Fair
6250	08/09/21 04:30:00	7.65	26.14					8.362381237	103.2374827			0.71	9.31	Fair
6251	08/09/21 05:00:00	7.60	26.14					8.310378104	102.5954798			0.71	9.35	Fair
6252	08/09/21 05:30:00	7.75	26.14					8.477104038	104.653789			0.73	9.38	Fair
6253	08/09/21 06:00:00	7.58	26.12					8.293800631	102.3536901			0.71	9.42	Fair
6254	08/09/21 06:30:00	7.71	26.10					8.438733945	104.1045317			0.73	9.45	Fair
6255	08/09/21 07:00:00	7.11	26.08					7.78450504	95.99878313			0.67	9.49	Fair

6256	08/09/21 07:30:00	7.31	26.06					8.006030181	98.69480358			0.70	9.52	Fair
6257	08/09/21 08:00:00	7.19	26.06					7.877114074	97.10558276			0.69	9.56	Fair
6258	08/09/21 08:30:00	8.50	26.08					9.315271657	114.8762495			0.82	9.59	Poor
6259	08/09/21 09:00:00	8.78	26.12					9.625192523	118.7843809			0.85	9.63	Poor
6260	08/09/21 09:30:00	8.76	26.12					9.606325133	118.5515387			0.85	9.66	Poor
6261	08/09/21 10:00:00	8.87	26.10					9.730048779	120.034851			0.86	9.70	Poor
6262	08/09/21 10:30:00	8.80	26.14					9.656333312	119.2119224			0.86	9.73	Poor
6263	08/09/21 11:00:00	8.89	26.20					9.758194523	120.6005381			0.87	9.77	Poor
6264	08/09/21 11:30:00	8.99	26.30					9.871098655	122.2170014			0.88	9.80	Poor
6265	08/09/21 12:00:00	8.78	26.36					9.643581677	119.5296904			0.86	9.84	Poor
6266	08/09/21 12:30:00	9.00	26.48					9.888362053	122.8296564			0.89	9.87	Poor
6267	08/09/21 13:00:00	9.32	26.62					10.24320162	127.5589745			0.92	9.91	Poor
6268	08/09/21 13:30:00	8.97	26.62					9.861663212	122.8076624			0.89	9.94	Poor
6269	08/09/21 14:00:00	8.96	26.62					9.853796853	122.7097023			0.89	9.98	Poor
6270	08/09/21 14:30:00	8.87	26.44					9.757915259	121.1217885			0.89	10.01	Poor
6271	08/09/21 15:00:00	8.62	26.50					9.485898469	117.872938			0.87	10.05	Poor
6272	08/09/21 15:30:00	8.62	26.48					9.488907477	117.8677762			0.87	10.08	Poor
6273	08/09/21 16:00:00	8.61	26.56					9.48090498	117.9384598			0.87	10.12	Poor
6274	08/09/21 16:30:00	9.15	26.76					10.07872021	125.8273465			0.93	10.15	Poor
6275	08/09/21 17:00:00	9.25	26.94					10.19209909	127.654841			0.94	10.18	Poor
6276	08/09/21 17:30:00	9.01	26.72					9.930800579	123.8914821			0.92	10.22	Poor
6277	08/09/21 18:00:00	9.22	26.84					10.16548053	127.0931023			0.95	10.25	Poor
6278	08/09/21 18:30:00	9.11	26.76					10.04738045	125.4360865			0.94	10.29	Poor
6279	08/09/21 19:00:00	8.90	26.64					9.818879083	122.3189296			0.92	10.32	Poor
6280	08/09/21 19:30:00	9.18	26.68					10.13099213	126.2980182			0.95	10.36	Poor
6281	08/09/21 20:00:00	9.29	26.76					10.25563034	128.0359733			0.97	10.39	Poor
6282	08/09/21 20:30:00	8.88	26.74					9.806113485	122.3799733			0.93	10.43	Poor
6283	08/09/21 21:00:00	8.18	26.36					9.035964459	111.9984328			0.86	10.46	Poor
6284	08/09/21 21:30:00	8.67	26.68					9.580265075	119.4323792			0.91	10.50	Poor
6285	08/09/21 22:00:00	8.56	26.72					9.461704215	118.0392808			0.90	10.53	Poor
6286	08/09/21 22:30:00	8.51	26.70					9.409407861	117.3446213			0.90	10.57	Poor
6287	08/09/21 23:00:00	8.31	26.58					9.191170985	114.3755228			0.88	10.60	Poor
6288	08/09/21 23:30:00	8.18	26.54				8.921	9.050241536	112.5405923		9.354	0.87	10.64	Poor
6289	08/10/21 00:00:00	8.51	26.68	6.74	9.06	7.92229		9.418319689	117.4134869	8.834		0.91	10.67	Poor
6290	08/10/21 00:30:00	7.79	26.44					8.624189356	107.0492222			0.83	10.71	Poor
6291	08/10/21 01:00:00	7.57	26.44					8.383273216	104.0588095			0.81	10.74	Poor
6292	08/10/21 01:30:00	7.48	26.48					8.286215246	102.9283683			0.81	10.78	Poor
6293	08/10/21 02:00:00	7.15	26.58					7.923142797	98.5960985			0.77	10.81	Fair
6294	08/10/21 02:30:00	6.74	26.58					7.471161485	92.97161399			0.73	10.85	Fair
6295	08/10/21 03:00:00	7.04	26.62					7.806163237	97.21044399			0.77	10.88	Fair
6296	08/10/21 03:30:00	7.19	26.62					7.974997571	99.3129443			0.78	10.92	Fair
6297	08/10/21 04:00:00	7.23	26.58					8.02188853	99.82489676			0.79	10.95	Fair
6298	08/10/21 04:30:00	8.24	26.64					9.145388322	113.9289018			0.91	10.99	Poor
6299	08/10/21 05:00:00	7.82	26.68					8.681969637	108.2337787			0.86	11.02	Poor
6300	08/10/21 05:30:00	8.10	26.70					8.99566049	112.1847824			0.90	11.06	Poor
6301	08/10/21 06:00:00	8.22	26.72					9.131798912	113.9235545			0.91	11.09	Poor
6302	08/10/21 06:30:00	8.24	26.72					9.156893761	114.2366248			0.92	11.13	Poor
6303	08/10/21 07:00:00	7.96	26.72					8.848515796	110.3894623			0.89	11.16	Poor
6304	08/10/21 07:30:00	8.22	26.72					9.140407047	114.0309451			0.92	11.20	Poor
6305	08/10/21 08:00:00	8.11	26.70					9.020921145	112.4998078			0.91	11.23	Poor
6306	08/10/21 08:30:00	7.91	26.70					8.801218164	109.7598943			0.89	11.27	Poor
6307	08/10/21 09:00:00	7.53	26.70					8.381032156	104.5197593			0.85	11.30	Poor
6308	08/10/21 09:30:00	7.10	26.70					7.904912454	98.58207574			0.80	11.34	Fair
6309	08/10/21 10:00:00	6.77	26.70					7.539864253	94.02956366			0.77	11.37	Fair
6310	08/10/21 10:30:00	6.75	26.68					7.519946154	93.74741234			0.77	11.41	Fair
6311	08/10/21 11:00:00	8.19	26.74					9.12706024	113.9054112			0.94	11.44	Poor
6312	08/10/21 11:30:00	8.63	26.88					9.620415412	120.364898			0.99	11.48	Poor
6313	08/10/21 12:00:00	8.20	27.10					9.143929185	114.8554688			0.94	11.51	Poor
6314	08/10/21 12:30:00	7.79	26.92					8.689452002	108.7953183			0.90	11.55	Poor
6315	08/10/21 13:00:00	7.43	26.76					8.290479154	103.5021283			0.86	11.58	Poor
6316	08/10/21 13:30:00	7.86	26.82					8.773021794	109.6445966			0.91	11.62	Poor
6317	08/10/21 14:00:00	7.84	26.86					8.753435314	109.4784386			0.91	11.65	Poor
6318	08/10/21 14:30:00	8.46	27.14					9.448624425	118.7676849			0.99	11.69	Poor
6319	08/10/21 15:00:00	8.04	27.10					8.982350325	112.8259019			0.94	11.72	Poor
6320	08/10/21 15:30:00	8.53	27.14					9.532759714	119.8252519			1.00	11.76	Poor
6321	08/10/21 16:00:00	8.53	27.18					9.535737305	119.9484658			1.01	11.79	Poor
6322	08/10/21 16:30:00	8.58	27.28					9.594627644	120.9050976			1.01	11.83	Poor
6323	08/10/21 17:00:00	8.56	27.40					9.575250608	120.9195626			1.02	11.86	Poor
6324	08/10/21 17:30:00	8.55	27.36					9.56704914	120.7298355			1.02	11.90	Poor
6325	08/10/21 18:00:00	9.06	27.46					10.14087783	128.1995157			1.08	11.93	Poor
6326	08/10/21 18:30:00	8.67	27.38					9.707376435	122.5443811			1.04	11.97	Poor
6327	08/10/21 19:00:00	8.67	27.44					9.710402896	122.7137757			1.04	12.00	Poor
6328	08/10/21 19:30:00	8.37	27.36					9.377324535	118.3356364			1.01	12.03	Poor
6329	08/10/21 20:00:00	8.07	27.14					9.044036731	113.6820828			0.97	12.07	Poor
6330	08/10/21 20:30:00	7.80	27.06					8.744170909	109.7555316			0.94	12.10	Poor
6331	08/10/21 21:00:00	7.88	27.10					8.836605406	110.9952227			0.96	12.14	Poor
6332	08/10/21 21:30:00	7.83	27.08					8.783268815	110.2857746			0.95	12.17	Poor
6333	08/10/21 22:00:00	8.09	27.14					9.077746695	114.1058116			0.99	12.21	Poor
6334	08/10/21 22:30:00	8.05	27.16					9.03567294	113.6175931			0.99	12.24	Poor
6335	08/10/21 23:00:00	7.97	27.22					8.948659543	112.644231			0.98	12.28	Poor
6336	08/10/21 23:30:00	6.95	27.04				8.800	7.805836824	97.94260798		9.354	0.86	12.31	Poor
6337	08/11/21 00:00:00	6.33	27.02	5.84	8.49	7.51375		7.111698421	89.20103665	8.057		0.78	12.35	Poor
6338	08/11/21 00:30:00	6.89	27.06					7.743258527	97.19222838			0.85	12.38	Poor
6339	08/11/21 01:00:00	6.88	27.06					7.734421747	97.08131042			0.85	12.42	Poor
6340	08/11/21 01:30:00	7.30	27.12					8.209129445	103.1505123			0.91	12.45	Poor
6341	08/11/21 02:00:00	7.11	27.16					7.997949079	100.568904			0.89	12.49	Poor
6342	08/11/21 02:30:00	6.90	27.16					7.764131337	97.62880097			0.86	12.52	Poor
6343	08/11/21 03:00:00	7.47	27.20					8.408123674	105.8022262			0.94	12.56	Poor
6344	08/11/21 03:30:00	6.85	27.22					7.712651813	97.08557228			0.86	12.59	Poor
6345	08/11/21 04:00:00	5.88	27.20					6.622547827	83.33372941			0.74	12.63	Fair
6346	08/11/21 04:30:00	5.84	27.20					6.579535066	82.79248549			0.74	12.66	Fair
6347	08/11/21 05:00:00	7.45	27.20					8.396014332	105.6498503			0.95	12.70	Poor
6348	08/11/21 05:30:00	7.52	27.22					8.477528085	106.713707			0.96	12.73	Poor
6349	08/11/21 06:00:00	7.38	27.20					8.322277921	104.7220004			0.94	12.77	Poor
6350	08/11/21 06:30:00	7.20	27.20					8.121808857	102.1994313			0.92	12.80	Poor
6351	08/11/21 07:00:00	7.71	27.18					8.699795002	109.4332855			0.99	12.84	Poor
6352	08/11/21 07:30:00	7.05	27.16					7.957526432	100.060616			0.91	12.87	Poor
6353	08/11/21 08:00:00	7.37	27.12					8.321291787	104.5598704			0.95	12.91	Poor
6354	08/11/21 08:30:00	7.26	27.12					8.199627671	103.0311192			0.94	12.94	Poor
6355	08/11/21 09:00:00	7.27	27.12					8.213459683	103.2049232			0.94	12.98	Poor
6356	08/11/21 09:30:00	6.82	27.14					7.707441892	96.88130129			0.89	13.01	Poor
6357	08/11/21 10:00:00	6.61	27.16					7.47242334	93.96076642			0.86	13.05	Poor
6358	08/11/21 10:30:00	6.71	27.22					7.58781287	95.51412052			0.88	13.08	Poor
6359	08/11/21 11:00:00	7.09	27.32					8.02	101.1348875			0.93	13.12	Poor
6360	08/11/21 11:30:00	7.99	27.52					8.18	103.6254681			0.19	2.38	Excellent
6361	08/11/21 12:00:00	7.88	27.42					8.07022874	102.052895			0.19	2.41	Excellent
6362	08/11/21 12:30:00	8.07	27.50					8.267728569	104.6995342			0.20	2.45	Excellent
6363	08/11/21 13:00:00	7.84	27.50					8.034923252	101.7513716			0.19	2.49	Excellent
6364	08/11/21 13:30:00	8.23	27.64					8.437590541	107.1170922			0.21	2.52	Excellent
6365	08/11/21 14:00:00	8.20	27.88					8.409793855	107.2199501			0.21	2.56	Excellent
6366	08/11/21 14:30:00	8.26	27.86					8.474310613	108.0042108			0.21	2.59	Excellent
6367	08/11/21 15:00:00	8.20	27.86					8.4157139	107.2574018			0.22	2.63	Excellent
6368	08/11/21 15:30:00	8.23	27.92					8.449473949	107.8022149			0.22	2.67	Excellent
6369	08/11/21 16:00:00	8.49	28.12					8.719472219	111.6412402			0.23	2.70	Excellent
6370	08/11/21 16:30:00	8.36	28.06					8.588976289	109.8538644			0.23	2.74	Excellent
6371	08/11/21 17:00:00	8.37	28.06					8.602271573	110.0239125			0.23	2.78	Excellent

6372	08/11/21 17:30:00	8.25	28.00					8.481919586	108.3695359			0.23	2.81	Excellent
6373	08/11/21 18:00:00	8.13	27.86					8.361480964	106.5662086			0.23	2.85	Excellent
6374	08/11/21 18:30:00	8.05	27.88					8.282109044	105.5920435			0.23	2.88	Excellent
6375	08/11/21 19:00:00	7.65	27.58					7.87333716	99.84717833			0.22	2.92	Excellent
6376	08/11/21 19:30:00	7.52	27.34					7.742256445	97.76588417			0.22	2.96	Excellent
6377	08/11/21 20:00:00	7.67	27.40					7.899458456	99.85778742			0.23	2.99	Excellent
6378	08/11/21 20:30:00	7.58	27.36					7.8095022	98.65023379			0.23	3.03	Excellent
6379	08/11/21 21:00:00	7.68	27.42					7.915302247	100.0937563			0.24	3.06	Excellent
6380	08/11/21 21:30:00	7.86	27.50					8.103654433	102.6217585			0.24	3.10	Excellent
6381	08/11/21 22:00:00	7.82	27.50					8.065237312	102.1352579			0.25	3.14	Excellent
6382	08/11/21 22:30:00	7.74	27.48					7.985522463	101.0897616			0.25	3.17	Excellent
6383	08/11/21 23:00:00	7.73	27.56					7.977995614	101.1384279			0.25	3.21	Excellent
6384	08/11/21 23:30:00	7.97	27.70				8.574	8.228572346	104.5749922		9.187	0.26	3.24	Excellent
6385	08/12/21 00:00:00	7.54	27.44	7.06	9.30	7.90646		7.787343544	98.51075409	8.235		0.25	3.28	Excellent
6386	08/12/21 00:30:00	7.43	27.44					7.676417153	97.10752302			0.25	3.32	Excellent
6387	08/12/21 01:00:00	7.47	27.48					7.720440268	97.73405178			0.25	3.35	Excellent
6388	08/12/21 01:30:00	7.65	27.52					7.909236458	100.1953949			0.26	3.39	Excellent
6389	08/12/21 02:00:00	7.59	27.56					7.849943056	99.5150835			0.26	3.42	Excellent
6390	08/12/21 02:30:00	7.52	27.60					7.780260247	98.70191338			0.26	3.46	Excellent
6391	08/12/21 03:00:00	7.49	27.54					7.751925702	98.23752796			0.26	3.50	Excellent
6392	08/12/21 03:30:00	7.52	27.60					7.785689361	98.7707882			0.27	3.53	Excellent
6393	08/12/21 04:00:00	7.37	27.62					7.633050117	96.86882281			0.26	3.57	Excellent
6394	08/12/21 04:30:00	7.45	27.62					7.718594766	97.95444512			0.27	3.61	Excellent
6395	08/12/21 05:00:00	7.46	27.58					7.731648195	98.05032356			0.27	3.64	Excellent
6396	08/12/21 05:30:00	7.53	27.58					7.806915339	99.00483775			0.28	3.68	Excellent
6397	08/12/21 06:00:00	7.12	27.58					7.384407778	93.64673013			0.26	3.71	Excellent
6398	08/12/21 06:30:00	7.13	27.54					7.397352913	93.74414713			0.27	3.75	Excellent
6399	08/12/21 07:00:00	7.26	27.54					7.534848213	95.48657849			0.27	3.79	Excellent
6400	08/12/21 07:30:00	7.19	27.52					7.464793596	94.56512602			0.27	3.82	Excellent
6401	08/12/21 08:00:00	7.06	27.50					7.332373651	92.85453673			0.27	3.86	Excellent
6402	08/12/21 08:30:00	7.19	27.48					7.469984464	94.56349938			0.28	3.89	Excellent
6403	08/12/21 09:00:00	7.25	27.50					7.534938006	95.4197387			0.28	3.93	Excellent
6404	08/12/21 09:30:00	7.23	27.52					7.516761844	95.22346759			0.29	3.97	Excellent
6405	08/12/21 10:00:00	7.50	27.54					7.80017813	98.84901463			0.30	4.00	Excellent
6406	08/12/21 10:30:00	7.70	27.72					8.010962414	101.8456075			0.31	4.04	Good
6407	08/12/21 11:00:00	7.71	27.80					8.024149404	102.1582053			0.31	4.07	Good
6408	08/12/21 11:30:00	7.89	27.86					8.214331751	104.6908072			0.32	4.11	Good
6409	08/12/21 12:00:00	7.94	27.86					8.269253253	105.390776			0.33	4.15	Good
6410	08/12/21 12:30:00	7.93	28.02					8.261701135	105.5932621			0.33	4.18	Good
6411	08/12/21 13:00:00	7.75	27.94					8.076969561	103.0861407			0.33	4.22	Good
6412	08/12/21 13:30:00	7.87	27.98					8.204873216	104.7927492			0.33	4.26	Good
6413	08/12/21 14:00:00	8.20	28.08					8.551874936	109.4180125			0.35	4.29	Good
6414	08/12/21 14:30:00	8.11	28.24					8.460940428	108.5608088			0.35	4.33	Good
6415	08/12/21 15:00:00	8.23	28.32					8.589103987	110.3607982			0.36	4.36	Good
6416	08/12/21 15:30:00	8.37	28.28					8.738234071	112.1978293			0.37	4.40	Good
6417	08/12/21 16:00:00	8.52	28.30					8.897908783	114.288319			0.38	4.44	Good
6418	08/12/21 16:30:00	8.58	28.34					8.963667307	115.2141285			0.38	4.47	Good
6419	08/12/21 17:00:00	8.64	28.58					9.029469148	116.5509093			0.39	4.51	Good
6420	08/12/21 17:30:00	9.23	28.54					9.649396672	124.4653371			0.42	4.54	Good
6421	08/12/21 18:00:00	8.62	28.44					9.014790866	116.0754225			0.39	4.58	Good
6422	08/12/21 18:30:00	8.82	28.42					9.227134576	118.767777			0.41	4.62	Good
6423	08/12/21 19:00:00	9.09	28.46					9.512879172	122.5319664			0.42	4.65	Good
6424	08/12/21 19:30:00	9.25	28.50					9.68366164	124.8195247			0.43	4.69	Good
6425	08/12/21 20:00:00	9.30	28.70					9.739362856	125.9791404			0.44	4.72	Good
6426	08/12/21 20:30:00	8.93	28.72					9.355106365	121.0512091			0.43	4.76	Good
6427	08/12/21 21:00:00	8.16	28.28					8.55139664	109.7988601			0.39	4.80	Good
6428	08/12/21 21:30:00	7.50	28.04					7.862446897	100.5259245			0.36	4.83	Good
6429	08/12/21 22:00:00	7.59	27.76					7.959536085	101.2636937			0.37	4.87	Good
6430	08/12/21 22:30:00	8.18	28.26					8.581214355	110.142867			0.40	4.90	Good
6431	08/12/21 23:00:00	8.77	28.48					9.203318578	118.5863345			0.43	4.94	Good
6432	08/12/21 23:30:00	7.68	28.28				8.353	8.062234877	103.5180844		8.971	0.38	4.98	Good
6433	08/13/21 00:00:00	7.71	28.10	6.37	8.72	7.43729		8.096511125	103.6284265	7.874		0.39	5.01	Good
6434	08/13/21 00:30:00	7.80	28.16					8.19383856	104.9853434			0.39	5.05	Good
6435	08/13/21 01:00:00	7.73	28.12					8.123094474	104.0054167			0.39	5.09	Good
6436	08/13/21 01:30:00	7.37	28.04					7.747447768	99.05559419			0.38	5.12	Good
6437	08/13/21 02:00:00	7.32	27.88					7.697529425	98.13899542			0.38	5.16	Good
6438	08/13/21 02:30:00	7.24	27.94					7.616016904	97.20301456			0.38	5.19	Good
6439	08/13/21 03:00:00	7.08	27.96					7.450262865	95.12117643			0.37	5.23	Good
6440	08/13/21 03:30:00	7.10	28.02					7.473871751	95.52397087			0.37	5.27	Good
6441	08/13/21 04:00:00	7.09	28.00					7.465904508	95.38838445			0.38	5.30	Good
6442	08/13/21 04:30:00	7.07	28.00					7.447396246	95.15191301			0.38	5.34	Good
6443	08/13/21 05:00:00	7.03	27.98					7.407798725	94.61250327			0.38	5.37	Good
6444	08/13/21 05:30:00	7.11	28.02					7.494664556	95.78972486			0.38	5.41	Good
6445	08/13/21 06:00:00	6.77	27.98					7.138713731	91.17574616			0.37	5.45	Good
6446	08/13/21 06:30:00	7.43	28.02					7.837341304	100.1694955			0.41	5.48	Good
6447	08/13/21 07:00:00	7.29	28.00					7.692297496	98.28090221			0.40	5.52	Good
6448	08/13/21 07:30:00	7.21	27.98					7.610485362	97.20121967			0.40	5.55	Good
6449	08/13/21 08:00:00	7.08	27.94					7.475820132	95.41368702			0.40	5.59	Good
6450	08/13/21 08:30:00	7.09	27.94					7.488938537	95.58111685			0.40	5.63	Good
6451	08/13/21 09:00:00	7.08	27.96					7.480931586	95.51273911			0.40	5.66	Good
6452	08/13/21 09:30:00	7.11	27.96					7.515197005	95.95022259			0.41	5.70	Good
6453	08/13/21 10:00:00	7.15	28.00					7.560057589	96.59133452			0.41	5.74	Good
6454	08/13/21 10:30:00	7.35	28.08					7.774180923	99.46771109			0.42	5.77	Good
6455	08/13/21 11:00:00	7.31	28.12					7.734511207	99.03012495			0.42	5.81	Good
6456	08/13/21 11:30:00	7.13	28.08					7.546631902	96.55630725			0.42	5.84	Good
6457	08/13/21 12:00:00	7.10	28.08					7.517441839	96.18283141			0.42	5.88	Good
6458	08/13/21 12:30:00	7.32	28.20					7.753019018	99.40741467			0.43	5.92	Good
6459	08/13/21 13:00:00	7.38	28.26					7.819232375	100.3625636			0.44	5.95	Good
6460	08/13/21 13:30:00	7.39	28.26					7.832495171	100.5327962			0.44	5.99	Good
6461	08/13/21 14:00:00	7.50	28.44					7.95178904	102.388096			0.45	6.02	Good
6462	08/13/21 14:30:00	7.74	28.76					8.209040262	106.2960898			0.47	6.06	Good
6463	08/13/21 15:00:00	7.83	28.94					8.307320679	107.9081535			0.48	6.10	Good
6464	08/13/21 15:30:00	8.05	29.00					8.543637863	111.0942463			0.49	6.13	Good
6465	08/13/21 16:00:00	8.36	29.42					8.875665299	116.259493			0.52	6.17	Fair
6466	08/13/21 16:30:00	8.22	29.32					8.729996998	114.1527109			0.51	6.20	Fair
6467	08/13/21 17:00:00	8.72	29.44					9.264166445	121.390534			0.54	6.24	Fair
6468	08/13/21 17:30:00	8.13	29.38					8.640282597	113.0976071			0.51	6.28	Fair
6469	08/13/21 18:00:00	8.35	29.28					8.877105152	115.9954871			0.53	6.31	Fair
6470	08/13/21 18:30:00	8.11	29.22					8.624882359	112.5820164			0.51	6.35	Fair
6471	08/13/21 19:00:00	7.52	28.64					8.000139383	103.3733276			0.48	6.38	Good
6472	08/13/21 19:30:00	6.98	28.28					7.428180918	95.37691112			0.45	6.42	Good
6473	08/13/21 20:00:00	7.62	28.58					8.112025525	104.7086973			0.49	6.46	Good
6474	08/13/21 20:30:00	7.52	28.64					8.008283055	103.4785556			0.49	6.49	Good
6475	08/13/21 21:00:00	7.68	28.86					8.18144437	106.1244554			0.50	6.53	Good
6476	08/13/21 21:30:00	7.52	28.82					8.013712169	103.8759743			0.49	6.57	Good
6477	08/13/21 22:00:00	7.39	28.78					7.877844881	102.0433063			0.49	6.60	Good
6478	08/13/21 22:30:00	7.30	28.68					7.784538746	100.6580779			0.48	6.64	Good
6479	08/13/21 23:00:00	7.24	28.72					7.723169719	99.93462349			0.48	6.67	Good
6480	08/13/21 23:30:00	6.37	28.42				8.055	6.797408702	87.49337232		8.670	0.43	6.71	Good
6481	08/14/21 00:00:00	5.62	28.48	5.43	6.89	6.44125		5.999114554	77.29961745	6.931		0.38	6.75	Good
6482	08/14/21 00:30:00	6.36	28.54					6.791329375	87.59978772			0.43	6.78	Good
6483	08/14/21 01:00:00	6.58	28.54					7.028624811	90.6606067			0.45	6.82	Good
6484	08/14/21 01:30:00	6.43	28.52					6.870718893	88.59266955			0.44	6.85	Good
6485	08/14/21 02:00:00	5.92	28.54					6.327899954	81.62211874			0.41	6.89	Good
6486	08/14/21 02:30:00	6.28	28.54					6.714971625	86.61486675			0.43	6.93	Good
6487	08/14/21 03:00:00	6.37	28.54					6.813504727	87.88582245			0.44	6.96	Good

6488	08/14/21 03:30:00	6.40	28.52					6.847903707	88.29848517			0.45	7.00	Good
6489	08/14/21 04:00:00	6.27	28.50					6.711068998	86.50368769			0.44	7.03	Good
6490	08/14/21 04:30:00	6.43	28.48					6.884645438	88.70983439			0.45	7.07	Good
6491	08/14/21 05:00:00	6.69	28.48					7.16544418	92.32797422			0.48	7.11	Good
6492	08/14/21 05:30:00	6.23	28.46					6.675001846	85.97829188			0.45	7.14	Good
6493	08/14/21 06:00:00	6.19	28.44					6.634379147	85.42498367			0.44	7.18	Good
6494	08/14/21 06:30:00	6.02	28.44					6.454347963	83.10688267			0.43	7.22	Good
6495	08/14/21 07:00:00	5.43	28.44					5.823739089	74.98709458			0.39	7.25	Good
6496	08/14/21 07:30:00	6.28	28.42					6.737641065	86.72406856			0.46	7.29	Good
6497	08/14/21 08:00:00	6.39	28.40					6.857963723	88.24174215			0.47	7.32	Good
6498	08/14/21 08:30:00	6.41	28.38					6.881742269	88.51652839			0.47	7.36	Good
6499	08/14/21 09:00:00	6.46	28.34					6.937753927	89.17413429			0.48	7.40	Good
6500	08/14/21 09:30:00	6.56	28.36					7.047517516	90.61689413			0.49	7.43	Good
6501	08/14/21 10:00:00	6.54	28.38					7.028391981	90.40281282			0.49	7.47	Good
6502	08/14/21 10:30:00	6.60	28.42					7.095255098	91.32712527			0.50	7.50	Good
6503	08/14/21 11:00:00	6.66	28.44					7.162161533	92.22076678			0.50	7.54	Good
6504	08/14/21 11:30:00	6.55	28.40					7.046231982	90.66419871			0.50	7.58	Good
6505	08/14/21 12:00:00	6.39	28.32					6.876416937	88.35460174			0.49	7.61	Good
6506	08/14/21 12:30:00	6.41	28.30					6.90025324	88.62962781			0.49	7.65	Good
6507	08/14/21 13:00:00	6.50	28.34					6.99948303	89.96756677			0.50	7.68	Good
6508	08/14/21 13:30:00	6.46	28.42					6.958741208	89.56997617			0.50	7.72	Good
6509	08/14/21 14:00:00	6.43	28.42					6.928746163	89.18389263			0.50	7.76	Good
6510	08/14/21 14:30:00	6.45	28.34					6.952625784	89.36528909			0.50	7.79	Good
6511	08/14/21 15:00:00	6.32	28.30					6.814776725	87.53173307			0.49	7.83	Good
6512	08/14/21 15:30:00	6.57	28.34					7.086720217	91.08886636			0.52	7.86	Fair
6513	08/14/21 16:00:00	6.44	28.34					6.948820621	89.31637959			0.51	7.90	Fair
6514	08/14/21 16:30:00	6.53	28.34					7.048288657	90.59488789			0.52	7.94	Fair
6515	08/14/21 17:00:00	6.55	28.40					7.072240473	90.99885118			0.52	7.97	Fair
6516	08/14/21 17:30:00	6.75	28.44					7.290623351	93.87485504			0.54	8.01	Fair
6517	08/14/21 18:00:00	6.63	28.44					7.163405555	92.23678494			0.53	8.05	Fair
6518	08/14/21 18:30:00	6.88	28.48					7.436002418	95.81416342			0.56	8.08	Fair
6519	08/14/21 19:00:00	6.89	28.48					7.449297702	95.98547543			0.56	8.12	Fair
6520	08/14/21 19:30:00	6.66	28.46					7.203031503	92.7796515			0.54	8.15	Fair
6521	08/14/21 20:00:00	6.58	28.40					7.118883839	91.59901358			0.54	8.19	Fair
6522	08/14/21 20:30:00	6.74	28.42					7.294420392	93.89069677			0.55	8.23	Fair
6523	08/14/21 21:00:00	6.68	28.44					7.231896234	93.11867833			0.55	8.26	Fair
6524	08/14/21 21:30:00	6.70	28.44					7.255967173	93.42861835			0.56	8.30	Fair
6525	08/14/21 22:00:00	6.52	28.46					7.063384321	90.9809065			0.54	8.33	Fair
6526	08/14/21 22:30:00	6.18	28.44					6.697279175	86.23489123			0.52	8.37	Fair
6527	08/14/21 23:00:00	6.60	28.44					7.154816527	92.12619169			0.55	8.41	Fair
6528	08/14/21 23:30:00	6.65	28.44				7.723	7.211420189	92.85502656		8.327	0.56	8.44	Fair
6529	08/15/21 00:00:00	6.47	28.42	5.09	6.85	6.31313		7.018559383	90.33993043	6.903		0.55	8.48	Fair
6530	08/15/21 00:30:00	6.44	28.44					6.988340531	89.98262875			0.55	8.51	Fair
6531	08/15/21 01:00:00	6.26	28.48					6.795273968	87.55826771			0.54	8.55	Fair
6532	08/15/21 01:30:00	5.90	28.46					6.406621211	82.52137771			0.51	8.59	Fair
6533	08/15/21 02:00:00	5.59	28.42					6.07202	78.15647549			0.48	8.62	Good
6534	08/15/21 02:30:00	5.09	28.40					5.53074289	71.16432919			0.44	8.66	Good
6535	08/15/21 03:00:00	5.64	28.36					6.130403285	78.82465054			0.49	8.70	Good
6536	08/15/21 03:30:00	6.14	28.34					6.67609516	85.81091412			0.54	8.73	Fair
6537	08/15/21 04:00:00	6.07	28.32					6.602174465	84.83087935			0.53	8.77	Fair
6538	08/15/21 04:30:00	6.38	28.30					6.941656104	89.16142285			0.56	8.80	Fair
6539	08/15/21 05:00:00	6.19	28.28					6.737164124	86.50434218			0.55	8.84	Fair
6540	08/15/21 05:30:00	6.51	28.30					7.087800445	91.03855955			0.58	8.88	Fair
6541	08/15/21 06:00:00	6.27	28.32					6.828762381	87.74229168			0.56	8.91	Fair
6542	08/15/21 06:30:00	6.05	28.32					6.591340602	84.6916758			0.54	8.95	Fair
6543	08/15/21 07:00:00	6.25	28.30					6.811492274	87.48954627			0.56	8.98	Fair
6544	08/15/21 07:30:00	5.84	28.28					6.366766495	81.74848308			0.53	9.02	Fair
6545	08/15/21 08:00:00	6.00	28.28					6.543364323	84.01597705			0.54	9.06	Fair
6546	08/15/21 08:30:00	6.25	28.28					6.818260618	87.54561099			0.57	9.09	Fair
6547	08/15/21 09:00:00	6.20	28.28					6.765952599	86.87398258			0.57	9.13	Fair
6548	08/15/21 09:30:00	6.35	28.28					6.931937213	89.00520421			0.58	9.16	Fair
6549	08/15/21 10:00:00	6.32	28.28					6.901469287	88.61399985			0.58	9.20	Fair
6550	08/15/21 10:30:00	6.31	28.30					6.892827014	88.53424238			0.58	9.24	Fair
6551	08/15/21 11:00:00	6.40	28.30					6.993450181	89.8266868			0.59	9.27	Fair
6552	08/15/21 11:30:00	6.28	28.30					6.864589934	88.17155396			0.58	9.31	Fair
6553	08/15/21 12:00:00	6.18	28.30					6.757512023	86.79620221			0.58	9.34	Fair
6554	08/15/21 12:30:00	6.31	28.32					6.901938108	88.68252149			0.59	9.38	Fair
6555	08/15/21 13:00:00	6.30	28.34					6.893274176	88.60241565			0.59	9.42	Fair
6556	08/15/21 13:30:00	6.16	28.34					6.742313932	86.66205437			0.58	9.45	Fair
6557	08/15/21 14:00:00	6.23	28.34					6.821180031	87.67575653			0.59	9.49	Fair
6558	08/15/21 14:30:00	6.44	28.38					7.053432149	90.72489241			0.61	9.53	Fair
6559	08/15/21 15:00:00	6.43	28.42					7.044800705	90.67769764			0.61	9.56	Fair
6560	08/15/21 15:30:00	6.39	28.42					7.00328278	90.14329646			0.61	9.60	Fair
6561	08/15/21 16:00:00	6.60	28.48					7.23582007	93.23477962			0.64	9.63	Fair
6562	08/15/21 16:30:00	6.41	28.50					7.02983003	90.61242281			0.62	9.67	Fair
6563	08/15/21 17:00:00	6.51	28.50					7.141849735	92.05632355			0.63	9.71	Fair
6564	08/15/21 17:30:00	6.67	28.56					7.319786793	94.44942196			0.65	9.74	Fair
6565	08/15/21 18:00:00	6.85	28.58					7.519794971	97.06428225			0.67	9.78	Fair
6566	08/15/21 18:30:00	6.84	28.60					7.51128626	96.98851235			0.67	9.81	Fair
6567	08/15/21 19:00:00	6.83	28.62					7.502770329	96.91257544			0.67	9.85	Fair
6568	08/15/21 19:30:00	6.74	28.64					7.406338121	95.70055973			0.67	9.89	Fair
6569	08/15/21 20:00:00	6.73	28.64					7.397778874	95.58996192			0.67	9.92	Fair
6570	08/15/21 20:30:00	6.73	28.62					7.400208258	95.58779085			0.67	9.96	Fair
6571	08/15/21 21:00:00	6.59	28.62					7.24864518	93.6300649			0.66	9.99	Fair
6572	08/15/21 21:30:00	6.59	28.68					7.251024028	93.75945901			0.66	10.03	Fair
6573	08/15/21 22:00:00	6.34	28.62					6.978235846	90.13721308			0.64	10.07	Fair
6574	08/15/21 22:30:00	6.34	28.62					6.980524449	90.16677475			0.64	10.10	Fair
6575	08/15/21 23:00:00	6.31	28.62					6.94977135	89.76953987			0.64	10.14	Fair
6576	08/15/21 23:30:00	6.31	28.58				7.439	6.952049123	89.73591181		8.031	0.64	10.18	Fair
6577	08/16/21 00:00:00	6.27	28.58	2.96	6.92	5.80917		6.910242415	89.19627767	6.455		0.64	10.21	Fair
6578	08/16/21 00:30:00	5.62	28.56					6.195898296	79.9475489			0.58	10.25	Fair
6579	08/16/21 01:00:00	5.92	28.58					6.528777189	84.27238699			0.61	10.28	Fair
6580	08/16/21 01:30:00	5.26	28.58					5.802805506	74.90166336			0.54	10.32	Fair
6581	08/16/21 02:00:00	5.82	28.58					6.422695579	82.90310293			0.60	10.36	Fair
6582	08/16/21 02:30:00	4.15	28.58					4.581255217	59.13409224			0.43	10.39	Fair
6583	08/16/21 03:00:00	4.10	28.56					4.527539382	58.42020945			0.43	10.43	Fair
6584	08/16/21 03:30:00	3.22	28.56					3.556937182	45.89623582			0.34	10.46	Fair
6585	08/16/21 04:00:00	3.20	28.54					3.535999535	45.61004062			0.34	10.50	Fair
6586	08/16/21 04:30:00	3.45	28.54					3.813494874	49.18938886			0.36	10.54	Fair
6587	08/16/21 05:00:00	2.96	28.52					3.272936562	42.20201581			0.31	10.57	Fair
6588	08/16/21 05:30:00	3.09	28.52					3.417795821	44.06986525			0.33	10.61	Fair
6589	08/16/21 06:00:00	5.06	28.50					5.598605467	72.16436294			0.54	10.64	Fair
6590	08/16/21 06:30:00	6.04	28.48					6.68510067	86.13866591			0.65	10.68	Fair
6591	08/16/21 07:00:00	6.07	28.50					6.720495951	86.62519832			0.65	10.72	Fair
6592	08/16/21 07:30:00	6.29	28.50					6.966342964	89.79409336			0.68	10.75	Fair
6593	08/16/21 08:00:00	5.80	28.50					6.425748554	82.82599185			0.63	10.79	Fair
6594	08/16/21 08:30:00	5.99	28.50					6.638409474	85.56712799			0.65	10.82	Fair
6595	08/16/21 09:00:00	6.23	28.50					6.906638047	89.0245147			0.68	10.86	Fair
6596	08/16/21 09:30:00	6.01	28.48					6.664913407	85.87854958			0.65	10.90	Fair
6597	08/16/21 10:00:00	6.05	28.48					6.71145615	86.47826079			0.66	10.93	Fair
6598	08/16/21 10:30:00	6.14	28.50					6.813512401	87.82415276			0.67	10.97	Fair
6599	08/16/21 11:00:00	5.77	28.48					6.405008994	82.52963675			0.64	11.01	Fair
6600	08/16/21 11:30:00	6.00	28.48					6.662487181	85.84728724			0.66	11.04	Fair
6601	08/16/21 12:00:00	6.26	28.52					6.953454683	89.65948435			0.69	11.08	Fair
6602	08/16/21 12:30:00	6.20	28.54					6.889046219	88.8602147			0.69	11.11	Fair
6603	08/16/21 13:00:00	6.18	28.52					6.869054335	88.57120636			0.69	11.15	Fair

6604	08/16/21 13:30:00	6.56	28.56					7.29379139	94.11399541			0.73	11.19	Fair
6605	08/16/21 14:00:00	6.52	28.54					7.251670631	93.53762317			0.73	11.22	Fair
6606	08/16/21 14:30:00	6.31	28.54					7.020382326	90.55428879			0.71	11.26	Fair
6607	08/16/21 15:00:00	6.48	28.54					7.211860134	93.02411677			0.73	11.29	Fair
6608	08/16/21 15:30:00	6.63	28.54					7.381194627	95.20832325			0.75	11.33	Fair
6609	08/16/21 16:00:00	6.62	28.56					7.37245128	95.12896776			0.75	11.37	Fair
6610	08/16/21 16:30:00	6.53	28.60					7.274578769	93.93205748			0.74	11.40	Fair
6611	08/16/21 17:00:00	6.52	28.62					7.265792104	93.8515501			0.75	11.44	Fair
6612	08/16/21 17:30:00	6.74	28.66					7.513389863	97.11790142			0.77	11.47	Fair
6613	08/16/21 18:00:00	6.85	28.66					7.638484654	98.73487377			0.79	11.51	Fair
6614	08/16/21 18:30:00	6.92	28.66					7.719040132	99.77613199			0.80	11.55	Fair
6615	08/16/21 19:00:00	6.76	28.64					7.543005429	97.46649826			0.78	11.58	Fair
6616	08/16/21 19:30:00	6.64	28.60					7.411502821	95.7000716			0.77	11.62	Fair
6617	08/16/21 20:00:00	6.61	28.58					7.380403182	95.26503587			0.77	11.66	Fair
6618	08/16/21 20:30:00	6.60	28.54					7.371620128	95.084824			0.77	11.69	Fair
6619	08/16/21 21:00:00	6.17	28.50					6.893575144	88.85613776			0.72	11.73	Fair
6620	08/16/21 21:30:00	6.53	28.48					7.298150655	94.03791987			0.77	11.76	Fair
6621	08/16/21 22:00:00	5.93	28.46					6.629710799	85.39491424			0.70	11.80	Fair
6622	08/16/21 22:30:00	6.08	28.44					6.799604808	87.55244717			0.72	11.84	Fair
6623	08/16/21 23:00:00	5.65	28.42					6.320751233	81.35803881			0.67	11.87	Fair
6624	08/16/21 23:30:00	6.04	28.40				7.049	6.759231185	86.97134594		7.613	0.72	11.91	Fair
6625	08/17/21 00:00:00	6.17	28.40	2.62	6.85	5.79596		6.906938563	88.87190372	6.032		0.74	11.94	Fair
6626	08/17/21 00:30:00	5.31	28.42					5.946137827	76.53617336			0.64	11.98	Fair
6627	08/17/21 01:00:00	5.33	28.40					5.970457841	76.82216218			0.64	12.02	Fair
6628	08/17/21 01:30:00	4.49	28.40					5.031143439	64.73595954			0.54	12.05	Fair
6629	08/17/21 02:00:00	2.62	28.38					2.936713205	37.77352414			0.32	12.09	Fair
6630	08/17/21 02:30:00	4.20	28.36					4.7092243	60.55114852			0.51	12.12	Fair
6631	08/17/21 03:00:00	3.99	28.36					4.475203388	57.5421105			0.49	12.16	Fair
6632	08/17/21 03:30:00	3.83	28.34					4.297129158	55.23297261			0.47	12.20	Fair
6633	08/17/21 04:00:00	3.63	28.34					4.074046342	52.36558682			0.44	12.23	Fair
6634	08/17/21 04:30:00	4.45	28.34					4.995960685	64.21537485			0.55	12.27	Fair
6635	08/17/21 05:00:00	4.26	28.32					4.784187771	61.47169509			0.52	12.30	Fair
6636	08/17/21 05:30:00	4.00	28.32					4.493639004	57.73845423			0.49	12.34	Fair
6637	08/17/21 06:00:00	3.51	28.30					3.94443526	50.66391288			0.43	12.38	Fair
6638	08/17/21 06:30:00	4.49	28.30					5.047351368	64.83021095			0.56	12.41	Fair
6639	08/17/21 07:00:00	4.78	28.28					5.375075039	69.0152892			0.60	12.45	Fair
6640	08/17/21 07:30:00	4.75	28.28					5.343054906	68.60415471			0.59	12.49	Fair
6641	08/17/21 08:00:00	4.46	28.26					5.018457307	64.41364273			0.56	12.52	Fair
6642	08/17/21 08:30:00	4.98	28.26					5.605366593	71.94682729			0.63	12.56	Fair
6643	08/17/21 09:00:00	6.13	28.26					6.901991355	88.5894565			0.77	12.59	Fair
6644	08/17/21 09:30:00	5.78	28.28					6.51	83.58758332			0.73	12.63	Fair
6645	08/17/21 10:00:00	Monitor out of service at 0931 hour for lab calibration; Lab calibration completed at 1010 hour; Monitor launched at 1015 hour to start recording at 1030 hour. Monitor deployed back in river at 1021 hour.												
6646	08/17/21 10:30:00	6.42	28.18					6.42	82.81294792			0.00	0.00	Excellent
6647	08/17/21 11:00:00	6.49	28.30					6.489750403	83.89020442			0.00	0.00	Excellent
6648	08/17/21 11:30:00	6.51	28.30					6.509499267	84.14548948			0.00	-0.01	Excellent
6649	08/17/21 12:00:00	6.59	28.34					6.589239671	85.23636757			0.00	-0.01	Excellent
6650	08/17/21 12:30:00	6.64	28.42					6.638978536	86.00093465			0.00	-0.02	Excellent
6651	08/17/21 13:00:00	6.76	28.44					6.758700094	87.58264474			0.00	-0.02	Excellent
6652	08/17/21 13:30:00	6.68	28.46					6.678458574	86.57331564			0.00	-0.02	Excellent
6653	08/17/21 14:00:00	6.71	28.50					6.708193593	87.02001542			0.00	-0.03	Excellent
6654	08/17/21 14:30:00	6.74	28.50					6.737926304	87.40571404			0.00	-0.03	Excellent
6655	08/17/21 15:00:00	6.72	28.50					6.717674015	87.14299733			0.00	-0.03	Excellent
6656	08/17/21 15:30:00	6.83	28.48					6.827373268	88.53487081			0.00	-0.04	Excellent
6657	08/17/21 16:00:00	6.74	28.42					6.737148669	87.27262474			0.00	-0.04	Excellent
6658	08/17/21 16:30:00	6.75	28.42					6.746884842	87.39874655			0.00	-0.05	Excellent
6659	08/17/21 17:00:00	6.79	28.38					6.786605247	87.85134876			0.00	-0.05	Excellent
6660	08/17/21 17:30:00	6.71	28.34					6.706387186	86.75175161			0.00	-0.05	Excellent
6661	08/17/21 18:00:00	6.68	28.32					6.676146434	86.33011453			0.00	-0.06	Excellent
6662	08/17/21 18:30:00	6.80	28.30					6.795815689	87.84657837			0.00	-0.06	Excellent
6663	08/17/21 19:00:00	6.84	28.30					6.835528017	88.35992251			0.00	-0.07	Excellent
6664	08/17/21 19:30:00	6.74	28.26					6.735334185	87.00333137			0.00	-0.07	Excellent
6665	08/17/21 20:00:00	6.76	28.26					6.755060359	87.2581432			0.00	-0.07	Excellent
6666	08/17/21 20:30:00	6.85	28.26					6.844731152	88.41646104			-0.01	-0.08	Excellent
6667	08/17/21 21:00:00	6.83	28.22					6.824483862	88.09268838			-0.01	-0.08	Excellent
6668	08/17/21 21:30:00	6.70	28.18					6.694331181	86.35160427			-0.01	-0.08	Excellent
6669	08/17/21 22:00:00	6.81	28.20					6.803976207	87.79695227			-0.01	-0.09	Excellent
6670	08/17/21 22:30:00	6.75	28.18					6.743769683	86.98932205			-0.01	-0.09	Excellent
6671	08/17/21 23:00:00	6.68	28.18					6.67357739	86.0838967			-0.01	-0.10	Excellent
6672	08/17/21 23:30:00	6.73	28.18				6.748	6.723270489	86.72489857		7.216	-0.01	-0.10	Excellent
6673	08/18/21 00:00:00	6.76	28.19	6.20	6.79	6.52021		6.753109924	87.1252626	6.518		-0.01	-0.10	Excellent
6674	08/18/21 00:30:00	6.79	28.20					6.782949358	87.52562663			-0.01	-0.10	Excellent
6675	08/18/21 01:00:00	6.73	28.20					6.722752834	86.74886445			-0.01	-0.11	Excellent
6676	08/18/21 01:30:00	6.65	28.18					6.642583231	85.68409644			-0.01	-0.11	Excellent
6677	08/18/21 02:00:00	6.53	28.18					6.522465932	84.13467781			-0.01	-0.12	Excellent
6678	08/18/21 02:30:00	6.39	28.18					6.382381707	82.32770154			-0.01	-0.12	Excellent
6679	08/18/21 03:00:00	6.26	28.16					6.252295944	80.62120159			-0.01	-0.12	Excellent
6680	08/18/21 03:30:00	6.71	28.16					6.70148408	86.41332781			-0.01	-0.13	Excellent
6681	08/18/21 04:00:00	6.43	28.16					6.421592149	82.80421781			-0.01	-0.13	Excellent
6682	08/18/21 04:30:00	6.57	28.14					6.561156412	84.57395018			-0.01	-0.13	Excellent
6683	08/18/21 05:00:00	6.37	28.14					6.361180641	81.99624287			-0.01	-0.14	Excellent
6684	08/18/21 05:30:00	6.58	28.14					6.570636834	84.69615376			-0.01	-0.14	Excellent
6685	08/18/21 06:00:00	6.22	28.14					6.210909891	80.05923815			-0.01	-0.15	Excellent
6686	08/18/21 06:30:00	6.56	28.12					6.550160715	84.40236695			-0.01	-0.15	Excellent
6687	08/18/21 07:00:00	6.41	28.12					6.400139178	82.46925822			-0.01	-0.15	Excellent
6688	08/18/21 07:30:00	6.54	28.12					6.529687672	84.13856071			-0.01	-0.16	Excellent
6689	08/18/21 08:00:00	6.60	28.12					6.589339236	84.9072034			-0.01	-0.16	Excellent
6690	08/18/21 08:30:00	6.47	28.10					6.459300393	83.20215183			-0.01	-0.17	Excellent
6691	08/18/21 09:00:00	6.60	28.12					6.588831581	84.90066199			-0.01	-0.17	Excellent
6692	08/18/21 09:30:00	6.61	28.12					6.598560446	85.02602369			-0.01	-0.17	Excellent
6693	08/18/21 10:00:00	6.67	28.12					6.658200088	85.79451276			-0.01	-0.18	Excellent
6694	08/18/21 10:30:00	6.69	28.16					6.677907417	86.10931486			-0.01	-0.18	Excellent
6695	08/18/21 11:00:00	6.66	28.20					6.647705509	85.78047093			-0.01	-0.18	Excellent
6696	08/18/21 11:30:00	6.66	28.22					6.647449373	85.80746881			-0.01	-0.19	Excellent
6697	08/18/21 12:00:00	6.70	28.24					6.687116321	86.3499897			-0.01	-0.19	Excellent
6698	08/18/21 12:30:00	6.69	28.30					6.676878261	86.30912554			-0.01	-0.20	Excellent
6699	08/18/21 13:00:00	6.74	28.34					6.726520979	87.01219614			-0.01	-0.20	Excellent
6700	08/18/21 13:30:00	6.71	28.32					6.696322917	86.59101925			-0.01	-0.20	Excellent
6701	08/18/21 14:00:00	6.65	28.30					6.636189465	85.78315902			-0.01	-0.21	Excellent
6702	08/18/21 14:30:00	6.68	28.26					6.665870257	86.10603467			-0.01	-0.21	Excellent
6703	08/18/21 15:00:00	6.63	28.24					6.615721037	85.42807034			-0.01	-0.22	Excellent
6704	08/18/21 15:30:00	6.59	28.22					6.575553742	84.87941629			-0.01	-0.22	Excellent
6705	08/18/21 16:00:00	6.59	28.20					6.575300299	84.84617067			-0.01	-0.22	Excellent
6706	08/18/21 16:30:00	6.52	28.18					6.50520569	83.91203427			-0.01	-0.23	Excellent
6707	08/18/21 17:00:00	6.58	28.20					6.564816488	84.71088997			-0.02	-0.23	Excellent
6708	08/18/21 17:30:00	6.57	28.18					6.554586889	84.54901287			-0.02	-0.23	Excellent
6709	08/18/21 18:00:00	6.45	28.16					6.434620348	82.97221195			-0.02	-0.24	Excellent
6710	08/18/21 18:30:00	6.52	28.14					6.504202686	83.83981107			-0.02	-0.24	Excellent
6711	08/18/21 19:00:00	6.49	28.12					6.474025776	83.42132704			-0.02	-0.25	Excellent
6712	08/18/21 19:30:00	6.44	28.10					6.42390117	82.74617496			-0.02	-0.25	Excellent
6713	08/18/21 20:00:00	6.42	28.08					6.403704261	82.45684441			-0.02	-0.25	Excellent
6714	08/18/21 20:30:00	6.30	28.06					6.283766564	80.88384992			-0.02	-0.26	Excellent
6715	08/18/21 21:00:00	6.31	28.02					6.293498122	80.95178269			-0.02	-0.26	Excellent
6716	08/18/21 21:30:00	6.28	27.98					6.263335057	80.50675768			-0.02	-0.27	Excellent
6717	08/18/21 22:00:00	6.20	27.96					6.183308905	79.44997529			-0.02	-0.27	Excellent
6718	08/18/21 22:30:00	6.29	27.94					6.272824709	80.57161462			-0.02	-0.27	Excellent
6719	08/18/21 23:00:00	6.30	27.90					6.282555114	80.63940011			-0.02	-0.28	Excellent

6720	08/18/21 23:30:00	6.35	27.86				6.607	6.332172449	81.21862316		6.995	-0.02	-0.28	Excellent
6721	08/19/21 00:00:00	6.27	27.84	6.14	6.56	6.37396		6.252155912	80.16385305	6.348		-0.02	-0.28	Excellent
6722	08/19/21 00:30:00	6.26	27.84					6.241943619	80.03291315			-0.02	-0.29	Excellent
6723	08/19/21 01:00:00	6.29	27.84					6.271615182	80.4133558			-0.02	-0.29	Excellent
6724	08/19/21 01:30:00	6.19	27.84					6.171669409	79.13187171			-0.02	-0.30	Excellent
6725	08/19/21 02:00:00	6.20	27.84					6.181401351	79.25665267			-0.02	-0.30	Excellent
6726	08/19/21 02:30:00	6.29	27.84					6.270889465	80.40405081			-0.02	-0.30	Excellent
6727	08/19/21 03:00:00	6.28	27.84					6.260678327	80.2731257			-0.02	-0.31	Excellent
6728	08/19/21 03:30:00	6.29	27.84					6.270405654	80.39784748			-0.02	-0.31	Excellent
6729	08/19/21 04:00:00	6.20	27.80					6.180447574	79.18818347			-0.02	-0.32	Excellent
6730	08/19/21 04:30:00	6.14	27.78					6.120400655	78.3909779			-0.02	-0.32	Excellent
6731	08/19/21 05:00:00	6.25	27.78					6.229809159	79.79229787			-0.02	-0.32	Excellent
6732	08/19/21 05:30:00	6.24	27.76					6.219601482	79.63326516			-0.02	-0.33	Excellent
6733	08/19/21 06:00:00	6.21	27.74					6.189460723	79.21920361			-0.02	-0.33	Excellent
6734	08/19/21 06:30:00	6.22	27.72					6.199188435	79.3155161			-0.02	-0.33	Excellent
6735	08/19/21 07:00:00	6.22	27.70					6.198949222	79.28426634			-0.02	-0.34	Excellent
6736	08/19/21 07:30:00	6.21	27.68					6.188744237	79.12560506			-0.02	-0.34	Excellent
6737	08/19/21 08:00:00	6.29	27.66					6.268228505	80.11334501			-0.02	-0.35	Excellent
6738	08/19/21 08:30:00	6.30	27.64					6.277951602	80.20907443			-0.02	-0.35	Excellent
6739	08/19/21 09:00:00	6.33	27.62					6.307603166	80.55923996			-0.02	-0.35	Excellent
6740	08/19/21 09:30:00	6.37	27.62					6.347216655	81.06517423			-0.02	-0.36	Excellent
6741	08/19/21 10:00:00	6.38	27.58					6.356935522	81.13151693			-0.02	-0.36	Excellent
6742	08/19/21 10:30:00	6.38	27.54					6.356690155	81.07061435			-0.02	-0.37	Excellent
6743	08/19/21 11:00:00	6.41	27.56					6.386334027	81.47769894			-0.02	-0.37	Excellent
6744	08/19/21 11:30:00	6.50	27.54					6.475751762	82.58907716			-0.02	-0.37	Excellent
6745	08/19/21 12:00:00	6.53	27.56					6.505388711	82.99661444			-0.02	-0.38	Excellent
6746	08/19/21 12:30:00	6.56	27.56					6.535023353	83.37469714			-0.02	-0.38	Excellent
6747	08/19/21 13:00:00	6.53	27.56					6.50488644	82.99020639			-0.03	-0.38	Excellent
6748	08/19/21 13:30:00	6.52	27.52					6.494674148	82.80089721			-0.03	-0.39	Excellent
6749	08/19/21 14:00:00	6.53	27.46					6.504384169	82.83605052			-0.03	-0.39	Excellent
6750	08/19/21 14:30:00	6.51	27.38					6.484212258	82.46137187			-0.03	-0.40	Excellent
6751	08/19/21 15:00:00	6.51	27.28					6.483961892	82.31103052			-0.03	-0.40	Excellent
6752	08/19/21 15:30:00	6.48	27.20					6.45383267	81.81142453			-0.03	-0.40	Excellent
6753	08/19/21 16:00:00	6.48	27.10					6.453583458	81.66192222			-0.03	-0.41	Excellent
6754	08/19/21 16:30:00	6.45	27.02					6.423457698	81.16424015			-0.03	-0.41	Excellent
6755	08/19/21 17:00:00	6.44	26.94					6.413251174	80.91902449			-0.03	-0.42	Excellent
6756	08/19/21 17:30:00	6.42	26.88					6.39308734	80.57772278			-0.03	-0.42	Excellent
6757	08/19/21 18:00:00	6.41	26.82					6.382882739	80.36238301			-0.03	-0.42	Excellent
6758	08/19/21 18:30:00	6.38	26.82					6.352764286	79.98318277			-0.03	-0.43	Excellent
6759	08/19/21 19:00:00	6.37	26.80					6.342561993	79.82601343			-0.03	-0.43	Excellent
6760	08/19/21 19:30:00	6.40	26.80					6.372186636	80.19886231			-0.03	-0.43	Excellent
6761	08/19/21 20:00:00	6.41	26.80					6.381896657	80.32107038			-0.03	-0.44	Excellent
6762	08/19/21 20:30:00	6.41	26.82					6.381650137	80.34686418			-0.03	-0.44	Excellent
6763	08/19/21 21:00:00	6.45	26.84					6.421225167	80.87420387			-0.03	-0.45	Excellent
6764	08/19/21 21:30:00	6.44	26.86					6.411022105	80.77473293			-0.03	-0.45	Excellent
6765	08/19/21 22:00:00	6.49	26.90					6.460547524	81.45724761			-0.03	-0.45	Excellent
6766	08/19/21 22:30:00	6.49	26.94					6.460297927	81.51263564			-0.03	-0.46	Excellent
6767	08/19/21 23:00:00	6.47	26.94					6.440140631	81.25830149			-0.03	-0.46	Excellent
6768	08/19/21 23:30:00	6.43	26.98				6.387	6.400077943	80.81081185		6.725	-0.03	-0.47	Excellent
6769	08/20/21 00:00:00	6.39	26.98	6.44	6.81	6.63958		6.360018332	80.30499774	6.599		-0.03	-0.47	Excellent
6770	08/20/21 00:30:00	6.45	27.00					6.419488755	81.08499531			-0.03	-0.47	Excellent
6771	08/20/21 01:00:00	6.44	27.00					6.409288385	80.95615375			-0.03	-0.48	Excellent
6772	08/20/21 01:30:00	6.48	27.02					6.448848417	81.48506712			-0.03	-0.48	Excellent
6773	08/20/21 02:00:00	6.52	27.02					6.488405372	81.98489297			-0.03	-0.48	Excellent
6774	08/20/21 02:30:00	6.47	27.04					6.438398834	81.38221368			-0.03	-0.49	Excellent
6775	08/20/21 03:00:00	6.50	27.04					6.468002325	81.75640572			-0.03	-0.49	Excellent
6776	08/20/21 03:30:00	6.50	27.04					6.467752343	81.75324592			-0.03	-0.50	Excellent
6777	08/20/21 04:00:00	6.57	27.04					6.537152386	82.63047166			-0.03	-0.50	Excellent
6778	08/20/21 04:30:00	6.57	27.02					6.536899712	82.59764804			-0.03	-0.50	Excellent
6779	08/20/21 05:00:00	6.59	26.98					6.556545507	82.78645511			-0.03	-0.51	Excellent
6780	08/20/21 05:30:00	6.58	26.96					6.546343214	82.62797123			-0.03	-0.51	Excellent
6781	08/20/21 06:00:00	6.53	26.94					6.496347829	81.96749431			-0.03	-0.52	Excellent
6782	08/20/21 06:30:00	6.56	26.92					6.525940936	82.31131825			-0.03	-0.52	Excellent
6783	08/20/21 07:00:00	6.57	26.88					6.535636343	82.37439369			-0.03	-0.52	Excellent
6784	08/20/21 07:30:00	6.60	26.86					6.565225603	82.71759729			-0.03	-0.53	Excellent
6785	08/20/21 08:00:00	6.61	26.84					6.574918702	82.80994697			-0.04	-0.53	Excellent
6786	08/20/21 08:30:00	6.59	26.82					6.554771405	82.5265122			-0.04	-0.53	Excellent
6787	08/20/21 09:00:00	6.60	26.78					6.56446412	82.58910062			-0.04	-0.54	Excellent
6788	08/20/21 09:30:00	6.62	26.74					6.584101839	82.77655496			-0.04	-0.54	Excellent
6789	08/20/21 10:00:00	6.60	26.70					6.563956465	82.46386443			-0.04	-0.55	Excellent
6790	08/20/21 10:30:00	6.60	26.66					6.563702637	82.40126968			-0.04	-0.55	Excellent
6791	08/20/21 11:00:00	6.61	26.60					6.573393429	82.43370883			-0.04	-0.55	Excellent
6792	08/20/21 11:30:00	6.63	26.58					6.593027686	82.65010914			-0.04	-0.56	Excellent
6793	08/20/21 12:00:00	6.64	26.58					6.602716555	82.77156868			-0.04	-0.56	Excellent
6794	08/20/21 12:30:00	6.67	26.58					6.632291586	83.14232088			-0.04	-0.57	Excellent
6795	08/20/21 13:00:00	6.71	26.58					6.67180739	83.63769049			-0.04	-0.57	Excellent
6796	08/20/21 13:30:00	6.72	26.58					6.681492028	83.75909699			-0.04	-0.57	Excellent
6797	08/20/21 14:00:00	6.73	26.60					6.691175897	83.91076111			-0.04	-0.58	Excellent
6798	08/20/21 14:30:00	6.78	26.66					6.740626707	84.62238919			-0.04	-0.58	Excellent
6799	08/20/21 15:00:00	6.79	26.74					6.750307499	84.86612349			-0.04	-0.58	Excellent
6800	08/20/21 15:30:00	6.79	26.76					6.750046364	84.89339653			-0.04	-0.59	Excellent
6801	08/20/21 16:00:00	6.79	26.74					6.749785229	84.85955741			-0.04	-0.59	Excellent
6802	08/20/21 16:30:00	6.79	26.76					6.749524094	84.88682809			-0.04	-0.60	Excellent
6803	08/20/21 17:00:00	6.80	26.78					6.759202964	85.03915681			-0.04	-0.60	Excellent
6804	08/20/21 17:30:00	6.78	26.76					6.739062205	84.75525191			-0.04	-0.60	Excellent
6805	08/20/21 18:00:00	6.81	26.78					6.76861916	85.15762424			-0.04	-0.61	Excellent
6806	08/20/21 18:30:00	6.80	26.78					6.758418406	85.0292861			-0.04	-0.61	Excellent
6807	08/20/21 19:00:00	6.79	26.78					6.74821842	84.90095763			-0.04	-0.62	Excellent
6808	08/20/21 19:30:00	6.78	26.80					6.738019204	84.80314611			-0.04	-0.62	Excellent
6809	08/20/21 20:00:00	6.76	26.80					6.71788306	84.54971728			-0.04	-0.62	Excellent
6810	08/20/21 20:30:00	6.70	26.80					6.657999205	83.79603298			-0.04	-0.63	Excellent
6811	08/20/21 21:00:00	6.70	26.80					6.657741532	83.79278996			-0.04	-0.63	Excellent
6812	08/20/21 21:30:00	6.66	26.80					6.617737686	83.28931084			-0.04	-0.63	Excellent
6813	08/20/21 22:00:00	6.63	26.80					6.587673075	82.91092463			-0.04	-0.64	Excellent
6814	08/20/21 22:30:00	6.61	26.80					6.567546546	82.6576168			-0.04	-0.64	Excellent
6815	08/20/21 23:00:00	6.57	26.78					6.527550776	82.12468497			-0.04	-0.65	Excellent
6816	08/20/21 23:30:00	6.56	26.74				6.273	6.517363098	81.93750307		6.542	-0.04	-0.65	Excellent
6817	08/21/21 00:00:00	6.55	26.72	6.08	6.57	6.40188		6.507176188	81.77997742	6.354		-0.04	-0.65	Excellent
6818	08/21/21 00:30:00	6.52	26.66					6.477121577	81.31432383			-0.04	-0.66	Excellent
6819	08/21/21 01:00:00	6.49	26.62					6.447069273	80.87870518			-0.04	-0.66	Excellent
6820	08/21/21 01:30:00	6.45	26.58					6.40708581	80.31914421			-0.04	-0.67	Excellent
6821	08/21/21 02:00:00	6.41	26.54					6.367105424	79.76035584			-0.04	-0.67	Excellent
6822	08/21/21 02:30:00	6.37	26.50					6.327128115	79.20233976			-0.04	-0.67	Excellent
6823	08/21/21 03:00:00	6.32	26.48					6.277221569	78.54923298			-0.04	-0.68	Excellent
6824	08/21/21 03:30:00	6.28	26.46					6.237250798	78.02086523			-0.04	-0.68	Excellent
6825	08/21/21 04:00:00	6.22	26.46					6.177420016	77.27245066			-0.04	-0.68	Excellent
6826	08/21/21 04:30:00	6.17	26.44					6.127525009	76.62062138			-0.04	-0.69	Excellent
6827	08/21/21 05:00:00	6.14	26.42					6.097495396	76.21755945			-0.04	-0.69	Excellent
6828	08/21/21 05:30:00	6.12	26.40					6.07739848	75.93888347			-0.04	-0.70	Excellent
6829	08/21/21 06:00:00	6.08	26.36					6.037443092	75.38506122			-0.04	-0.70	Excellent
6830	08/21/21 06:30:00	6.12	26.34					6.076927745	75.85061807			-0.04	-0.70	Excellent
6831	08/21/21 07:00:00	6.11	26.32					6.066763141	75.69633592			-0.04	-0.71	Excellent
6832	08/21/21 07:30:00	6.11	26.30					6.066528158	75.6659973			-0.04	-0.71	Excellent
6833	08/21/21 08:00:00	6.16	26.30					6.115935509	76.28224046			-0.04	-0.72	Excellent
6834	08/21/21 08:30:00	6.17	26.28					6.125626685	76.37544445			-0.04	-0.72	Excellent
6835	08/21/21 09:00:00	6.21	26.26					6.165100185	76.83976038			-0.04	-0.72	Excellent

6836	08/21/21 09:30:00	6.26	26.24					6.214497921	77.4273698			-0.05	-0.73	Excellent
6837	08/21/21 10:00:00	6.31	26.24					6.263891811	78.04277575			-0.05	-0.73	Excellent
6838	08/21/21 10:30:00	6.34	26.24					6.293428768	78.41078117			-0.05	-0.73	Excellent
6839	08/21/21 11:00:00	6.37	26.22					6.322963417	78.75020299			-0.05	-0.74	Excellent
6840	08/21/21 11:30:00	6.36	26.22					6.31279266	78.62352992			-0.05	-0.74	Excellent
6841	08/21/21 12:00:00	6.38	26.22					6.332398843	78.86771777			-0.05	-0.75	Excellent
6842	08/21/21 12:30:00	6.42	26.24					6.371853498	79.38788674			-0.05	-0.75	Excellent
6843	08/21/21 13:00:00	6.45	26.26					6.401380455	79.78467916			-0.05	-0.75	Excellent
6844	08/21/21 13:30:00	6.47	26.28					6.420980869	80.05797494			-0.05	-0.76	Excellent
6845	08/21/21 14:00:00	6.50	26.32					6.450503596	80.48434984			-0.05	-0.76	Excellent
6846	08/21/21 14:30:00	6.53	26.36					6.480024015	80.91124002			-0.05	-0.77	Excellent
6847	08/21/21 15:00:00	6.54	26.36					6.489695962	81.03200643			-0.05	-0.77	Excellent
6848	08/21/21 15:30:00	6.54	26.38					6.489444442	81.05819116			-0.05	-0.77	Excellent
6849	08/21/21 16:00:00	6.55	26.38					6.499115235	81.17898686			-0.05	-0.78	Excellent
6850	08/21/21 16:30:00	6.57	26.38					6.518707188	81.42370553			-0.05	-0.78	Excellent
6851	08/21/21 17:00:00	6.56	26.40					6.50853297	81.32603587			-0.05	-0.78	Excellent
6852	08/21/21 17:30:00	6.57	26.42					6.51820184	81.47631183			-0.05	-0.79	Excellent
6853	08/21/21 18:00:00	6.56	26.44					6.508028391	81.37856289			-0.05	-0.79	Excellent
6854	08/21/21 18:30:00	6.55	26.44					6.497855711	81.2513603			-0.05	-0.80	Excellent
6855	08/21/21 19:00:00	6.55	26.44					6.497603807	81.2482104			-0.05	-0.80	Excellent
6856	08/21/21 19:30:00	6.55	26.42					6.497351902	81.21569148			-0.05	-0.80	Excellent
6857	08/21/21 20:00:00	6.55	26.42					6.497099997	81.21254271			-0.05	-0.81	Excellent
6858	08/21/21 20:30:00	6.55	26.40					6.496848092	81.18002988			-0.05	-0.81	Excellent
6859	08/21/21 21:00:00	6.54	26.38					6.48667772	81.02363265			-0.05	-0.82	Excellent
6860	08/21/21 21:30:00	6.54	26.34					6.4864262	80.96187037			-0.05	-0.82	Excellent
6861	08/21/21 22:00:00	6.53	26.30					6.476256981	80.77642278			-0.05	-0.82	Excellent
6862	08/21/21 22:30:00	6.52	26.30					6.466088532	80.64959474			-0.05	-0.83	Excellent
6863	08/21/21 23:00:00	6.55	26.30					6.495588568	81.0175399			-0.05	-0.83	Excellent
6864	08/21/21 23:30:00	6.56	26.32				6.267	6.505253208	81.16747278		6.460	-0.05	-0.83	Excellent
6865	08/22/21 00:00:00	6.57	26.32	6.56	7.00	6.81042		6.514917079	81.28805101	6.738		-0.06	-0.84	Excellent
6866	08/22/21 00:30:00	6.59	26.32					6.534495955	81.53234096			-0.06	-0.84	Excellent
6867	08/22/21 01:00:00	6.56	26.32					6.50449634	81.15802917			-0.06	-0.85	Excellent
6868	08/22/21 01:30:00	6.60	26.32					6.543904075	81.64972813			-0.06	-0.85	Excellent
6869	08/22/21 02:00:00	6.65	26.30					6.593223356	82.2353095			-0.06	-0.85	Excellent
6870	08/22/21 02:30:00	6.70	26.28					6.64253879	82.82040001			-0.06	-0.86	Excellent
6871	08/22/21 03:00:00	6.68	26.26					6.622453412	82.54005904			-0.06	-0.86	Excellent
6872	08/22/21 03:30:00	6.69	26.24					6.632109975	82.63046156			-0.06	-0.87	Excellent
6873	08/22/21 04:00:00	6.73	26.22					6.671505019	83.0911615			-0.06	-0.87	Excellent
6874	08/22/21 04:30:00	6.72	26.22					6.661333493	82.96447886			-0.06	-0.87	Excellent
6875	08/22/21 05:00:00	6.71	26.24					6.651162736	82.8678428			-0.06	-0.88	Excellent
6876	08/22/21 05:30:00	6.75	26.26					6.690552396	83.38882215			-0.06	-0.88	Excellent
6877	08/22/21 06:00:00	6.77	26.32					6.710115889	83.72358943			-0.06	-0.88	Excellent
6878	08/22/21 06:30:00	6.78	26.38					6.719766684	83.93509448			-0.06	-0.89	Excellent
6879	08/22/21 07:00:00	6.81	26.44					6.74923826	84.39473174			-0.06	-0.89	Excellent
6880	08/22/21 07:30:00	6.81	26.50					6.748976356	84.48299271			-0.06	-0.90	Excellent
6881	08/22/21 08:00:00	6.81	26.54					6.748714452	84.54074973			-0.06	-0.90	Excellent
6882	08/22/21 08:30:00	6.80	26.58					6.738542926	84.4742863			-0.06	-0.90	Excellent
6883	08/22/21 09:00:00	6.82	26.60					6.758099882	84.75002203			-0.06	-0.91	Excellent
6884	08/22/21 09:30:00	6.80	26.60					6.738019887	84.49820866			-0.06	-0.91	Excellent
6885	08/22/21 10:00:00	6.83	26.62					6.767483773	84.89831607			-0.06	-0.92	Excellent
6886	08/22/21 10:30:00	6.84	26.60					6.777129183	84.98865919			-0.06	-0.92	Excellent
6887	08/22/21 11:00:00	6.83	26.58					6.766958426	84.83050263			-0.06	-0.92	Excellent
6888	08/22/21 11:30:00	6.82	26.58					6.756788438	84.7030118			-0.06	-0.93	Excellent
6889	08/22/21 12:00:00	6.80	26.56					6.73671229	84.42086701			-0.06	-0.93	Excellent
6890	08/22/21 12:30:00	6.80	26.56					6.736450771	84.41758979			-0.06	-0.93	Excellent
6891	08/22/21 13:00:00	6.79	26.52					6.726283091	84.22933567			-0.06	-0.94	Excellent
6892	08/22/21 13:30:00	6.80	26.50					6.735927732	84.31965137			-0.06	-0.94	Excellent
6893	08/22/21 14:00:00	6.79	26.46					6.725760821	84.13156622			-0.06	-0.95	Excellent
6894	08/22/21 14:30:00	6.84	26.42					6.77502472	84.68655011			-0.06	-0.95	Excellent
6895	08/22/21 15:00:00	6.81	26.38					6.745047796	84.25087516			-0.06	-0.95	Excellent
6896	08/22/21 15:30:00	6.84	26.34					6.774498605	84.55751456			-0.07	-0.96	Excellent
6897	08/22/21 16:00:00	6.86	26.28					6.794043253	84.70938563			-0.07	-0.96	Excellent
6898	08/22/21 16:30:00	6.86	26.24					6.793779426	84.64472572			-0.07	-0.97	Excellent
6899	08/22/21 17:00:00	6.86	26.20					6.793515599	84.58008167			-0.07	-0.97	Excellent
6900	08/22/21 17:30:00	6.87	26.16					6.803154472	84.63865382			-0.07	-0.97	Excellent
6901	08/22/21 18:00:00	6.87	26.14					6.80289026	84.6046556			-0.07	-0.98	Excellent
6902	08/22/21 18:30:00	6.87	26.10					6.802626049	84.53995811			-0.07	-0.98	Excellent
6903	08/22/21 19:00:00	6.87	26.06					6.802361837	84.47527642			-0.07	-0.98	Excellent
6904	08/22/21 19:30:00	6.86	26.02					6.792196464	84.28774208			-0.07	-0.99	Excellent
6905	08/22/21 20:00:00	6.86	25.96					6.791932637	84.1925491			-0.07	-0.99	Excellent
6906	08/22/21 20:30:00	6.88	25.88					6.811469594	84.31185567			-0.07	-1.00	Excellent
6907	08/22/21 21:00:00	6.90	25.78					6.831005012	84.39969372			-0.07	-1.00	Excellent
6908	08/22/21 21:30:00	6.91	25.70					6.84063927	84.39542825			-0.07	-1.00	Excellent
6909	08/22/21 22:00:00	6.94	25.60					6.870071234	84.60381386			-0.07	-1.01	Excellent
6910	08/22/21 22:30:00	6.96	25.50					6.889602037	84.68923382			-0.07	-1.01	Excellent
6911	08/22/21 23:00:00	6.97	25.42					6.899232834	84.68341531			-0.07	-1.02	Excellent
6912	08/22/21 23:30:00	6.99	25.34				6.337	6.918760945	84.79859827		6.436	-0.07	-1.02	Excellent
6913	08/23/21 00:00:00	7.00	25.28	7.01	7.25	7.18750		6.928389818	84.82312791	7.103		-0.07	-1.02	Excellent
6914	08/23/21 00:30:00	7.01	25.24					6.938017922	84.87860683			-0.07	-1.03	Excellent
6915	08/23/21 01:00:00	7.01	25.20					6.937748326	84.81292554			-0.07	-1.03	Excellent
6916	08/23/21 01:30:00	7.05	25.14					6.977064914	85.19948034			-0.07	-1.03	Excellent
6917	08/23/21 02:00:00	7.08	25.10					7.006482264	85.49573245			-0.07	-1.04	Excellent
6918	08/23/21 02:30:00	7.10	25.04					7.02600153	85.63921038			-0.07	-1.04	Excellent
6919	08/23/21 03:00:00	7.09	25.00					7.015833081	85.4522375			-0.07	-1.05	Excellent
6920	08/23/21 03:30:00	7.13	24.96					7.055140439	85.86762479			-0.07	-1.05	Excellent
6921	08/23/21 04:00:00	7.15	24.92					7.074655474	86.04160364			-0.08	-1.05	Excellent
6922	08/23/21 04:30:00	7.13	24.90					7.054592017	85.76591842			-0.08	-1.06	Excellent
6923	08/23/21 05:00:00	7.20	24.86					7.123574783	86.54061346			-0.08	-1.06	Excellent
6924	08/23/21 05:30:00	7.18	24.82					7.103510942	86.23309918			-0.08	-1.07	Excellent
6925	08/23/21 06:00:00	7.21	24.80					7.132914062	86.55802607			-0.08	-1.07	Excellent
6926	08/23/21 06:30:00	7.20	24.76					7.122744074	86.37068778			-0.08	-1.07	Excellent
6927	08/23/21 07:00:00	7.22	24.74					7.142251802	86.57519319			-0.08	-1.08	Excellent
6928	08/23/21 07:30:00	7.24	24.74					7.161757992	86.81163853			-0.08	-1.08	Excellent
6929	08/23/21 08:00:00	7.25	24.74					7.171371097	86.92816431			-0.08	-1.08	Excellent
6930	08/23/21 08:30:00	7.24	24.74					7.161201109	86.80488825			-0.08	-1.09	Excellent
6931	08/23/21 09:00:00	7.23	24.74					7.151031891	86.68162152			-0.08	-1.09	Excellent
6932	08/23/21 09:30:00	7.24	24.76					7.160644227	86.83026659			-0.08	-1.10	Excellent
6933	08/23/21 10:00:00	7.25	24.76					7.170255793	86.94681684			-0.08	-1.10	Excellent
6934	08/23/21 10:30:00	7.22	24.80					7.140308097	86.64775281			-0.08	-1.10	Excellent
6935	08/23/21 11:00:00	7.22	24.84					7.140030425	86.70847468			-0.08	-1.11	Excellent
6936	08/23/21 11:30:00	7.21	24.86					7.129863899	86.61701666			-0.08	-1.11	Excellent
6937	08/23/21 12:00:00	7.22	24.88					7.139475081	86.76582801			-0.08	-1.12	Excellent
6938	08/23/21 12:30:00	7.22	24.90					7.139197409	86.79450506			-0.08	-1.12	Excellent
6939	08/23/21 13:00:00	7.22	24.92					7.138919737	86.82318237			-0.08	-1.12	Excellent
6940	08/23/21 13:30:00	7.21	24.98					7.128754749	86.79559515			-0.08	-1.13	Excellent
6941	08/23/21 14:00:00	7.20	25.04					7.11859053	86.76776818			-0.08	-1.13	Excellent
6942	08/23/21 14:30:00	7.20	25.08					7.118313627	86.82835546			-0.08	-1.13	Excellent
6943	08/23/21 15:00:00	7.20	25.12					7.118036724	86.88894881			-0.08	-1.14	Excellent
6944	08/23/21 15:30:00	7.19	25.14					7.107874043	86.79683825			-0.08	-1.14	Excellent
6945	08/23/21 16:00:00	7.19	25.16					7.107597525	86.82540707			-0.08	-1.15	Excellent
6946	08/23/21 16:30:00	7.20	25.20					7.117206015	87.00676868			-0.08	-1.15	Excellent
6947	08/23/21 17:00:00	7.19	25.20					7.107044488	86.88254555			-0.08	-1.15	Excellent
6948	08/23/21 17:30:00	7.18	25.22					7.096883731	86.79023745			-0.08	-1.16	Excellent
6949	08/23/21 18:00:00	7.18	25.24					7.096607597	86.81876767			-0.08	-1.16	Excellent
6950	08/23/21 18:30:00	7.18	25.26					7.096331463	86.84729817			-0.08	-1.17	Excellent
6951	08/23/21 19:00:00	7.19	25.28					7.105938415	86.99682594			-0.08	-1.17	Excellent

6952	08/23/21 19:30:00	7.19	25.28					7.105661896	86.99344057			-0.08	-1.17	Excellent
6953	08/23/21 20:00:00	7.21	25.26					7.12515001	87.19998928			-0.08	-1.18	Excellent
6954	08/23/21 20:30:00	7.20	25.26					7.114990791	87.07565732			-0.09	-1.18	Excellent
6955	08/23/21 21:00:00	7.21	25.24					7.124595435	87.16116643			-0.09	-1.18	Excellent
6956	08/23/21 21:30:00	7.23	25.24					7.144080473	87.39954327			-0.09	-1.19	Excellent
6957	08/23/21 22:00:00	7.23	25.22					7.143802416	87.36402223			-0.09	-1.19	Excellent
6958	08/23/21 22:30:00	7.24	25.22					7.153404753	87.48145251			-0.09	-1.20	Excellent
6959	08/23/21 23:00:00	7.23	25.22					7.143246303	87.35722132			-0.09	-1.20	Excellent
6960	08/23/21 23:30:00	7.22	25.20				6.534	7.133088622	87.20093115		6.529	-0.09	-1.20	Excellent
6961	08/24/21 00:00:00	7.21	25.18	7.07	7.23	7.12917		7.12293171	87.04474449	6.981		-0.09	-1.21	Excellent
6962	08/24/21 00:30:00	7.23	25.16					7.142412132	87.2506974			-0.09	-1.21	Excellent
6963	08/24/21 01:00:00	7.22	25.14					7.132255605	87.09457039			-0.09	-1.22	Excellent
6964	08/24/21 01:30:00	7.21	25.10					7.122099847	86.9065417			-0.09	-1.22	Excellent
6965	08/24/21 02:00:00	7.20	25.08					7.111944859	86.75066997			-0.09	-1.22	Excellent
6966	08/24/21 02:30:00	7.19	25.04					7.101790639	86.56299604			-0.09	-1.23	Excellent
6967	08/24/21 03:00:00	7.17	25.02					7.081760257	86.28703491			-0.09	-1.23	Excellent
6968	08/24/21 03:30:00	7.18	24.98					7.091361055	86.34031116			-0.09	-1.23	Excellent
6969	08/24/21 04:00:00	7.18	24.94					7.091084921	86.2732588			-0.09	-1.24	Excellent
6970	08/24/21 04:30:00	7.14	24.92					7.051305674	85.75762455			-0.09	-1.24	Excellent
6971	08/24/21 05:00:00	7.13	24.90					7.041155685	85.60256676			-0.09	-1.25	Excellent
6972	08/24/21 05:30:00	7.13	24.88					7.040881474	85.56762285			-0.09	-1.25	Excellent
6973	08/24/21 06:00:00	7.11	24.86					7.020858015	85.29276074			-0.09	-1.25	Excellent
6974	08/24/21 06:30:00	7.10	24.82					7.010710333	85.10654583			-0.09	-1.26	Excellent
6975	08/24/21 07:00:00	7.09	24.78					7.000563421	84.92053319			-0.09	-1.26	Excellent
6976	08/24/21 07:30:00	7.10	24.76					7.010164219	85.00553982			-0.09	-1.27	Excellent
6977	08/24/21 08:00:00	7.09	24.72					7.000018076	84.81969411			-0.09	-1.27	Excellent
6978	08/24/21 08:30:00	7.07	24.72					6.98	84.57713373			-0.09	-1.27	Excellent
6979	08/24/21 09:00:00	7.14	24.68					6.95	84.55762549			-0.19	-2.66	Excellent
6980	08/24/21 09:30:00	7.14	24.68					6.950327895	84.56161485			-0.19	-2.66	Excellent
6981	08/24/21 10:00:00	7.13	24.66					6.940920978	84.41586692			-0.19	-2.65	Excellent
6982	08/24/21 10:30:00	7.13	24.66					6.941248414	84.41984921			-0.19	-2.65	Excellent
6983	08/24/21 11:00:00	7.13	24.66					6.941575849	84.4238315			-0.19	-2.64	Excellent
6984	08/24/21 11:30:00	7.13	24.68					6.941903285	84.45911629			-0.19	-2.64	Excellent
6985	08/24/21 12:00:00	7.13	24.70					6.942230721	84.49440672			-0.19	-2.63	Excellent
6986	08/24/21 12:30:00	7.13	24.72					6.942558156	84.5297028			-0.19	-2.63	Excellent
6987	08/24/21 13:00:00	7.13	24.76					6.942885592	84.59632225			-0.19	-2.62	Excellent
6988	08/24/21 13:30:00	7.11	24.76					6.923736974	84.3630039			-0.19	-2.62	Excellent
6989	08/24/21 14:00:00	7.12	24.80					6.933801978	84.54820357			-0.19	-2.62	Excellent
6990	08/24/21 14:30:00	7.11	24.82					6.924390009	84.4646799			-0.19	-2.61	Excellent
6991	08/24/21 15:00:00	7.11	24.86					6.924716526	84.53115861			-0.19	-2.61	Excellent
6992	08/24/21 15:30:00	7.09	24.90					6.905563316	84.35968596			-0.18	-2.60	Excellent
6993	08/24/21 16:00:00	7.09	24.92					6.905888915	84.39483593			-0.18	-2.60	Excellent
6994	08/24/21 16:30:00	7.09	24.96					6.906214513	84.46117083			-0.18	-2.59	Excellent
6995	08/24/21 17:00:00	7.09	25.02					6.906540112	84.55871132			-0.18	-2.59	Excellent
6996	08/24/21 17:30:00	7.10	25.12					6.916607412	84.83818065			-0.18	-2.58	Excellent
6997	08/24/21 18:00:00	7.10	25.18					6.91693347	84.93594474			-0.18	-2.58	Excellent
6998	08/24/21 18:30:00	7.09	25.24					6.907516908	84.91397646			-0.18	-2.57	Excellent
6999	08/24/21 19:00:00	7.09	25.26					6.907842507	84.94920654			-0.18	-2.57	Excellent
7000	08/24/21 19:30:00	7.09	25.28					6.908168106	84.98444231			-0.18	-2.56	Excellent
7001	08/24/21 20:00:00	7.09	25.28					6.908493705	84.98844783			-0.18	-2.56	Excellent
7002	08/24/21 20:30:00	7.09	25.28					6.908819304	84.99245335			-0.18	-2.56	Excellent
7003	08/24/21 21:00:00	7.11	25.30					6.928634733	85.26755021			-0.18	-2.55	Excellent
7004	08/24/21 21:30:00	7.12	25.30					6.938706624	85.39150039			-0.18	-2.55	Excellent
7005	08/24/21 22:00:00	7.13	25.30					6.948779435	85.51546188			-0.18	-2.54	Excellent
7006	08/24/21 22:30:00	7.14	25.30					6.958853163	85.63943467			-0.18	-2.54	Excellent
7007	08/24/21 23:00:00	7.14	25.28					6.959181058	85.61200481			-0.18	-2.53	Excellent
7008	08/24/21 23:30:00	7.16	25.26				6.722	6.979003376	85.82430746		6.663	-0.18	-2.53	Excellent
7009	08/25/21 00:00:00	7.15	25.24	7.11	7.17	7.14083		6.969584519	85.67697244	6.968		-0.18	-2.52	Excellent
7010	08/25/21 00:30:00	7.14	25.24					6.960164743	85.56117531			-0.18	-2.52	Excellent
7011	08/25/21 01:00:00	7.14	25.22					6.960492638	85.53374337			-0.18	-2.51	Excellent
7012	08/25/21 01:30:00	7.13	25.22					6.951071484	85.41797189			-0.18	-2.51	Excellent
7013	08/25/21 02:00:00	7.12	25.22					6.941649413	85.30218912			-0.18	-2.50	Excellent
7014	08/25/21 02:30:00	7.13	25.22					6.951726356	85.42601925			-0.18	-2.50	Excellent
7015	08/25/21 03:00:00	7.12	25.22					6.942303366	85.3102252			-0.18	-2.50	Excellent
7016	08/25/21 03:30:00	7.11	25.22					6.932879457	85.19441986			-0.18	-2.49	Excellent
7017	08/25/21 04:00:00	7.11	25.22					6.933205974	85.19843226			-0.18	-2.49	Excellent
7018	08/25/21 04:30:00	7.11	25.20					6.933532491	85.17110652			-0.18	-2.48	Excellent
7019	08/25/21 05:00:00	7.12	25.18					6.943611271	85.26353272			-0.18	-2.48	Excellent
7020	08/25/21 05:30:00	7.12	25.16					6.943938248	85.23616814			-0.18	-2.47	Excellent
7021	08/25/21 06:00:00	7.13	25.14					6.954018406	85.32847862			-0.18	-2.47	Excellent
7022	08/25/21 06:30:00	7.13	25.12					6.954345841	85.30107518			-0.18	-2.46	Excellent
7023	08/25/21 07:00:00	7.13	25.10					6.954673277	85.27367153			-0.18	-2.46	Excellent
7024	08/25/21 07:30:00	7.14	25.10					6.964755272	85.39729038			-0.18	-2.45	Excellent
7025	08/25/21 08:00:00	7.14	25.10					6.965083167	85.40131081			-0.17	-2.45	Excellent
7026	08/25/21 08:30:00	7.17	25.12					6.994677495	85.79577785			-0.18	-2.45	Excellent
7027	08/25/21 09:00:00	7.16	25.12					6.985250831	85.68015164			-0.17	-2.44	Excellent
7028	08/25/21 09:30:00	7.16	25.14					6.985579644	85.71574715			-0.17	-2.44	Excellent
7029	08/25/21 10:00:00	7.17	25.18					6.995665313	85.90272626			-0.17	-2.43	Excellent
7030	08/25/21 10:30:00	7.17	25.24					6.995994586	86.00163089			-0.17	-2.43	Excellent
7031	08/25/21 11:00:00	7.15	25.30					6.97680831	85.86040048			-0.17	-2.42	Excellent
7032	08/25/21 11:30:00	7.16	25.36					6.986894898	86.07931943			-0.17	-2.42	Excellent
7033	08/25/21 12:00:00	7.16	25.44					6.987223711	86.20979929			-0.17	-2.41	Excellent
7034	08/25/21 12:30:00	7.17	25.48					6.997311676	86.39758915			-0.17	-2.41	Excellent
7035	08/25/21 13:00:00	7.15	25.52					6.978121727	86.22380595			-0.17	-2.40	Excellent
7036	08/25/21 13:30:00	7.15	25.56					6.978450081	86.29103737			-0.17	-2.40	Excellent
7037	08/25/21 14:00:00	7.15	25.60					6.978778435	86.35828595			-0.17	-2.39	Excellent
7038	08/25/21 14:30:00	7.14	25.70					6.969345801	86.39936921			-0.17	-2.39	Excellent
7039	08/25/21 15:00:00	7.14	25.76					6.969673696	86.49815634			-0.17	-2.39	Excellent
7040	08/25/21 15:30:00	7.14	25.82					6.970001591	86.59697783			-0.17	-2.38	Excellent
7041	08/25/21 16:00:00	7.13	25.86					6.96056712	86.54285841			-0.17	-2.38	Excellent
7042	08/25/21 16:30:00	7.14	25.90					6.970657381	86.73151325			-0.17	-2.37	Excellent
7043	08/25/21 17:00:00	7.14	25.94					6.970985276	86.79880693			-0.17	-2.37	Excellent
7044	08/25/21 17:30:00	7.16	25.98					6.990840659	87.10944043			-0.17	-2.36	Excellent
7045	08/25/21 18:00:00	7.15	26.02					6.981405269	87.05520191			-0.17	-2.36	Excellent
7046	08/25/21 18:30:00	7.14	26.06					6.971968961	87.00079218			-0.17	-2.35	Excellent
7047	08/25/21 19:00:00	7.14	26.10					6.972296856	87.0681554			-0.17	-2.35	Excellent
7048	08/25/21 19:30:00	7.12	26.12					6.953093589	86.85990313			-0.17	-2.34	Excellent
7049	08/25/21 20:00:00	7.12	26.14					6.953420565	86.89554509			-0.17	-2.34	Excellent
7050	08/25/21 20:30:00	7.13	26.14					6.963514041	87.0216813			-0.17	-2.34	Excellent
7051	08/25/21 21:00:00	7.12	26.14					6.954074518	86.90371741			-0.17	-2.33	Excellent
7052	08/25/21 21:30:00	7.13	26.14					6.964168912	87.0298651			-0.17	-2.33	Excellent
7053	08/25/21 22:00:00	7.15	26.14					6.984032102	87.27809152			-0.17	-2.32	Excellent
7054	08/25/21 22:30:00	7.17	26.14					7.003897129	87.5263409			-0.17	-2.32	Excellent
7055	08/25/21 23:00:00	7.15	26.12					6.984688811	87.25459909			-0.17	-2.31	Excellent
7056	08/25/21 23:30:00	7.16	26.12				6.809	6.99478642	87.38074112		6.727	-0.17	-2.31	Excellent
7057	08/26/21 00:00:00	7.15	26.12	7.01	7.16	7.09104		6.985345519	87.26280286	6.935		-0.16	-2.30	Excellent
7058	08/26/21 00:30:00	7.15	26.10					6.985673873	87.23520397			-0.16	-2.30	Excellent
7059	08/26/21 01:00:00	7.16	26.08					6.99577286	87.32957366			-0.16	-2.29	Excellent
7060	08/26/21 01:30:00	7.14	26.06					6.97655949	87.05807581			-0.16	-2.29	Excellent
7061	08/26/21 02:00:00	7.15	26.04					6.986658936	87.15240668			-0.16	-2.28	Excellent
7062	08/26/21 02:30:00	7.14	26.02					6.97721528	87.00295449			-0.16	-2.28	Excellent
7063	08/26/21 03:00:00	7.13	26.00					6.967770705	86.85357939			-0.16	-2.28	Excellent
7064	08/26/21 03:30:00	7.14	25.96					6.977871069	86.91618743			-0.16	-2.27	Excellent
7065	08/26/21 04:00:00	7.14	25.94					6.978198964	86.88862775			-0.16	-2.27	Excellent
7066	08/26/21 04:30:00	7.14	25.94					6.978526859	86.89271051			-0.16	-2.26	Excellent
7067	08/26/21 05:00:00	7.12	25.92					6.959306142	86.62182948			-0.16	-2.26	Excellent

7068	08/26/21 05:30:00	7.12	25.92					6.959633118	86.62589932			-0.16	-2.25	Excellent
7069	08/26/21 06:00:00	7.12	25.90					6.959960094	86.59841363			-0.16	-2.25	Excellent
7070	08/26/21 06:30:00	7.13	25.90					6.970062755	86.72411469			-0.16	-2.24	Excellent
7071	08/26/21 07:00:00	7.13	25.88					6.970390191	86.69658879			-0.16	-2.24	Excellent
7072	08/26/21 07:30:00	7.14	25.88					6.980494229	86.82226119			-0.16	-2.23	Excellent
7073	08/26/21 08:00:00	7.13	25.86					6.971045062	86.67313386			-0.16	-2.23	Excellent
7074	08/26/21 08:30:00	7.14	25.86					6.981150019	86.79877188			-0.16	-2.22	Excellent
7075	08/26/21 09:00:00	7.12	25.84					6.961921953	86.52814755			-0.16	-2.22	Excellent
7076	08/26/21 09:30:00	7.12	25.82					6.96224893	86.5006569			-0.16	-2.22	Excellent
7077	08/26/21 10:00:00	7.13	25.84					6.972354805	86.65781509			-0.16	-2.21	Excellent
7078	08/26/21 10:30:00	7.12	25.84					6.962902883	86.5403393			-0.16	-2.21	Excellent
7079	08/26/21 11:00:00	7.12	25.86					6.963229859	86.57596506			-0.16	-2.20	Excellent
7080	08/26/21 11:30:00	7.12	25.88					6.963556836	86.61159662			-0.16	-2.20	Excellent
7081	08/26/21 12:00:00	7.10	25.90					6.944322341	86.40384288			-0.16	-2.19	Excellent
7082	08/26/21 12:30:00	7.11	25.94					6.954429593	86.59266484			-0.16	-2.19	Excellent
7083	08/26/21 13:00:00	7.08	25.98					6.925411148	86.29415536			-0.15	-2.18	Excellent
7084	08/26/21 13:30:00	7.07	26.00					6.915954174	86.20768398			-0.15	-2.18	Excellent
7085	08/26/21 14:00:00	7.07	26.02					6.916278855	86.24310278			-0.15	-2.17	Excellent
7086	08/26/21 14:30:00	7.04	26.12					6.887254439	86.03742288			-0.15	-2.17	Excellent
7087	08/26/21 15:00:00	7.05	26.14					6.897361233	86.19498251			-0.15	-2.17	Excellent
7088	08/26/21 15:30:00	7.06	26.16					6.907468945	86.35264821			-0.15	-2.16	Excellent
7089	08/26/21 16:00:00	7.07	26.22					6.917577576	86.57322924			-0.15	-2.16	Excellent
7090	08/26/21 16:30:00	7.06	26.26					6.908117387	86.51757011			-0.15	-2.15	Excellent
7091	08/26/21 17:00:00	7.05	26.32					6.89865628	86.49307357			-0.15	-2.15	Excellent
7092	08/26/21 17:30:00	7.07	26.36					6.918551617	86.80537303			-0.15	-2.14	Excellent
7093	08/26/21 18:00:00	7.05	26.46					6.899303804	86.72063441			-0.15	-2.14	Excellent
7094	08/26/21 18:30:00	7.03	26.50					6.880054154	86.54122521			-0.15	-2.13	Excellent
7095	08/26/21 19:00:00	7.03	26.56					6.880376997	86.63913541			-0.15	-2.13	Excellent
7096	08/26/21 19:30:00	7.02	26.60					6.870912216	86.58244753			-0.15	-2.12	Excellent
7097	08/26/21 20:00:00	7.01	26.64					6.861446517	86.52558747			-0.15	-2.12	Excellent
7098	08/26/21 20:30:00	7.02	26.68					6.871556985	86.7156082			-0.15	-2.11	Excellent
7099	08/26/21 21:00:00	7.02	26.68					6.871879369	86.71967653			-0.15	-2.11	Excellent
7100	08/26/21 21:30:00	7.01	26.68					6.862412292	86.60020675			-0.15	-2.11	Excellent
7101	08/26/21 22:00:00	7.02	26.68					6.872524137	86.72781318			-0.15	-2.10	Excellent
7102	08/26/21 22:30:00	7.04	26.70					6.89242728	87.01034205			-0.15	-2.10	Excellent
7103	08/26/21 23:00:00	7.04	26.72					6.892750583	87.04578901			-0.15	-2.09	Excellent
7104	08/26/21 23:30:00	7.05	26.72				6.912	6.902865184	87.17352226		6.811	-0.15	-2.09	Excellent
7105	08/27/21 00:00:00	7.06	26.72	6.72	7.06	6.87792		6.912980703	87.3012671	6.742		-0.15	-2.08	Excellent
7106	08/27/21 00:30:00	7.03	26.72					6.883928274	86.9343756			-0.15	-2.08	Excellent
7107	08/27/21 01:00:00	7.03	26.70					6.884251117	86.90712577			-0.15	-2.07	Excellent
7108	08/27/21 01:30:00	7.01	26.70					6.864987691	86.66394332			-0.15	-2.07	Excellent
7109	08/27/21 02:00:00	6.99	26.68					6.845722427	86.38958902			-0.14	-2.06	Excellent
7110	08/27/21 02:30:00	7.01	26.68					6.86563154	86.64083206			-0.14	-2.06	Excellent
7111	08/27/21 03:00:00	6.98	26.66					6.836569927	86.24298493			-0.14	-2.05	Excellent
7112	08/27/21 03:30:00	6.97	26.66					6.827095502	86.12346554			-0.14	-2.05	Excellent
7113	08/27/21 04:00:00	6.98	26.66					6.837211021	86.2510723			-0.14	-2.05	Excellent
7114	08/27/21 04:30:00	6.98	26.64					6.837531568	86.22401039			-0.14	-2.04	Excellent
7115	08/27/21 05:00:00	7.00	26.64					6.857444815	86.4751244			-0.14	-2.04	Excellent
7116	08/27/21 05:30:00	6.98	26.62					6.838172663	86.20098922			-0.14	-2.03	Excellent
7117	08/27/21 06:00:00	6.98	26.60					6.83849321	86.17392579			-0.14	-2.03	Excellent
7118	08/27/21 06:30:00	6.97	26.60					6.829016029	86.05450097			-0.14	-2.02	Excellent
7119	08/27/21 07:00:00	6.97	26.60					6.829336117	86.0585345			-0.14	-2.02	Excellent
7120	08/27/21 07:30:00	6.96	26.58					6.819857559	85.90807576			-0.14	-2.01	Excellent
7121	08/27/21 08:00:00	6.95	26.58					6.810378083	85.78866512			-0.14	-2.01	Excellent
7122	08/27/21 08:30:00	6.94	26.58					6.800897688	85.6692429			-0.14	-2.00	Excellent
7123	08/27/21 09:00:00	6.94	26.56					6.801216398	85.64232871			-0.14	-2.00	Excellent
7124	08/27/21 09:30:00	6.92	26.54					6.781934143	85.36868419			-0.14	-2.00	Excellent
7125	08/27/21 10:00:00	6.90	26.54					6.76265005	85.12594258			-0.14	-1.99	Excellent
7126	08/27/21 10:30:00	6.90	26.56					6.762966923	85.16068339			-0.14	-1.99	Excellent
7127	08/27/21 11:00:00	6.87	26.58					6.733878215	84.82501501			-0.14	-1.98	Excellent
7128	08/27/21 11:30:00	6.85	26.56					6.714589071	84.55149943			-0.14	-1.98	Excellent
7129	08/27/21 12:00:00	6.84	26.56					6.705100869	84.43202202			-0.13	-1.97	Excellent
7130	08/27/21 12:30:00	6.84	26.56					6.705414987	84.43597745			-0.13	-1.97	Excellent
7131	08/27/21 13:00:00	6.84	26.58					6.705729104	84.47042756			-0.13	-1.96	Excellent
7132	08/27/21 13:30:00	6.81	26.60					6.676630752	84.1342479			-0.13	-1.96	Excellent
7133	08/27/21 14:00:00	6.80	26.58					6.667138876	83.98431591			-0.13	-1.95	Excellent
7134	08/27/21 14:30:00	6.79	26.56					6.657646082	83.83446149			-0.13	-1.95	Excellent
7135	08/27/21 15:00:00	6.80	26.54					6.667763438	83.93154213			-0.13	-1.94	Excellent
7136	08/27/21 15:30:00	6.79	26.50					6.658269725	83.75149481			-0.13	-1.94	Excellent
7137	08/27/21 16:00:00	6.79	26.46					6.658581547	83.69488175			-0.13	-1.94	Excellent
7138	08/27/21 16:30:00	6.84	26.42					6.707927929	84.25416722			-0.13	-1.93	Excellent
7139	08/27/21 17:00:00	6.83	26.40					6.698434676	84.10448928			-0.13	-1.93	Excellent
7140	08/27/21 17:30:00	6.82	26.40					6.688940504	83.98528196			-0.13	-1.92	Excellent
7141	08/27/21 18:00:00	6.79	26.42					6.659828833	83.65002399			-0.13	-1.92	Excellent
7142	08/27/21 18:30:00	6.78	26.46					6.650331906	83.59118809			-0.13	-1.91	Excellent
7143	08/27/21 19:00:00	6.77	26.50					6.64083406	83.53217912			-0.13	-1.91	Excellent
7144	08/27/21 19:30:00	6.76	26.52					6.631335296	83.44284626			-0.13	-1.90	Excellent
7145	08/27/21 20:00:00	6.76	26.56					6.631645739	83.50705978			-0.13	-1.90	Excellent
7146	08/27/21 20:30:00	6.79	26.60					6.661387942	83.94216863			-0.13	-1.89	Excellent
7147	08/27/21 21:00:00	6.78	26.62					6.651888718	83.85272147			-0.13	-1.89	Excellent
7148	08/27/21 21:30:00	6.78	26.64					6.65220008	83.88690613			-0.13	-1.88	Excellent
7149	08/27/21 22:00:00	6.76	26.68					6.632887515	83.70371901			-0.13	-1.88	Excellent
7150	08/27/21 22:30:00	6.75	26.70					6.623385536	83.6139458			-0.13	-1.88	Excellent
7151	08/27/21 23:00:00	6.74	26.72					6.613882639	83.52407733			-0.13	-1.87	Excellent
7152	08/27/21 23:30:00	6.72	26.72				6.946	6.594565481	83.28012868		6.832	-0.13	-1.87	Excellent
7153	08/28/21 00:00:00	6.70	26.74	6.41	6.73	6.57271		6.575246487	83.06608038	6.457		-0.12	-1.86	Excellent
7154	08/28/21 00:30:00	6.68	26.76					6.555925655	82.85183582			-0.12	-1.86	Excellent
7155	08/28/21 01:00:00	6.67	26.80					6.546417706	82.79127583			-0.12	-1.85	Excellent
7156	08/28/21 01:30:00	6.65	26.80					6.52709366	82.54688836			-0.12	-1.85	Excellent
7157	08/28/21 02:00:00	6.68	26.82					6.556845965	82.95301098			-0.12	-1.84	Excellent
7158	08/28/21 02:30:00	6.66	26.82					6.537520542	82.70851811			-0.12	-1.84	Excellent
7159	08/28/21 03:00:00	6.66	26.84					6.537826393	82.74215473			-0.12	-1.83	Excellent
7160	08/28/21 03:30:00	6.66	26.84					6.538132245	82.74602556			-0.12	-1.83	Excellent
7161	08/28/21 04:00:00	6.67	26.84					6.548255571	82.87414549			-0.12	-1.83	Excellent
7162	08/28/21 04:30:00	6.66	26.86					6.538743948	82.78354138			-0.12	-1.82	Excellent
7163	08/28/21 05:00:00	6.67	26.86					6.548868193	82.91171903			-0.12	-1.82	Excellent
7164	08/28/21 05:30:00	6.68	26.86					6.558993356	83.0399083			-0.12	-1.81	Excellent
7165	08/28/21 06:00:00	6.69	26.88					6.569119437	83.19802449			-0.12	-1.81	Excellent
7166	08/28/21 06:30:00	6.68	26.88					6.559606896	83.07754797			-0.12	-1.80	Excellent
7167	08/28/21 07:00:00	6.67	26.88					6.550093436	82.95705981			-0.12	-1.80	Excellent
7168	08/28/21 07:30:00	6.67	26.88					6.550399747	82.96093924			-0.12	-1.79	Excellent
7169	08/28/21 08:00:00	6.66	26.88					6.540884909	82.84043364			-0.12	-1.79	Excellent
7170	08/28/21 08:30:00	6.72	26.88					6.600120407	83.59065237			-0.12	-1.78	Excellent
7171	08/28/21 09:00:00	6.73	26.88					6.610251081	83.71895755			-0.12	-1.78	Excellent
7172	08/28/21 09:30:00	6.70	26.86					6.581092569	83.31969462			-0.12	-1.77	Excellent
7173	08/28/21 10:00:00	6.71	26.86					6.591223243	83.44795367			-0.12	-1.77	Excellent
7174	08/28/21 10:30:00	6.68	26.84					6.562061056	83.04886649			-0.12	-1.77	Excellent
7175	08/28/21 11:00:00	6.68	26.82					6.562367826	83.02287002			-0.12	-1.76	Excellent
7176	08/28/21 11:30:00	6.66	26.82					6.54302587	82.778168			-0.12	-1.76	Excellent
7177	08/28/21 12:00:00	6.64	26.80					6.523682077	82.50374273			-0.12	-1.75	Excellent
7178	08/28/21 12:30:00	6.56	26.74					6.445384757	81.42551756			-0.11	-1.75	Excellent
7179	08/28/21 13:00:00	6.51	26.74					6.396557312	80.80867309			-0.11	-1.74	Excellent
7180	08/28/21 13:30:00	6.48	26.70					6.367377674	80.38208992			-0.11	-1.74	Excellent
7181	08/28/21 14:00:00	6.44	26.68					6.328368622	79.86084307			-0.11	-1.73	Excellent
7182	08/28/21 14:30:00	6.45	26.66					6.338491489	79.95975055			-0.11	-1.73	Excellent
7183	08/28/21 15:00:00	6.44	26.66					6.328960119	79.8395128			-0.11	-1.72	Excellent

7184	08/28/21 15:30:00	6.43	26.68					6.31942783	79.74801475			-0.11	-1.72	Excellent
7185	08/28/21 16:00:00	6.45	26.68					6.339380112	79.99980256			-0.11	-1.72	Excellent
7186	08/28/21 16:30:00	6.44	26.70					6.329847364	79.90830543			-0.11	-1.71	Excellent
7187	08/28/21 17:00:00	6.42	26.70					6.310484283	79.66386494			-0.11	-1.71	Excellent
7188	08/28/21 17:30:00	6.41	26.70					6.300949239	79.54349407			-0.11	-1.70	Excellent
7189	08/28/21 18:00:00	6.42	26.72					6.311073943	79.70002748			-0.11	-1.70	Excellent
7190	08/28/21 18:30:00	6.46	26.72					6.350691943	80.20034734			-0.11	-1.69	Excellent
7191	08/28/21 19:00:00	6.43	26.74					6.321494854	79.86039774			-0.11	-1.69	Excellent
7192	08/28/21 19:30:00	6.45	26.78					6.341453565	80.17026639			-0.11	-1.68	Excellent
7193	08/28/21 20:00:00	6.46	26.78					6.351581943	80.29831192			-0.11	-1.68	Excellent
7194	08/28/21 20:30:00	6.46	26.80					6.35187861	80.33097758			-0.11	-1.67	Excellent
7195	08/28/21 21:00:00	6.49	26.80					6.381674543	80.70780097			-0.11	-1.67	Excellent
7196	08/28/21 21:30:00	6.48	26.80					6.372139039	80.58720731			-0.11	-1.66	Excellent
7197	08/28/21 22:00:00	6.47	26.82					6.362602618	80.49556869			-0.11	-1.66	Excellent
7198	08/28/21 22:30:00	6.47	26.82					6.362899744	80.49932774			-0.11	-1.66	Excellent
7199	08/28/21 23:00:00	6.48	26.82					6.373031795	80.62751196			-0.11	-1.65	Excellent
7200	08/28/21 23:30:00	6.46	26.82				6.971	6.353658611	80.38241485		6.846	-0.11	-1.65	Excellent
7201	08/29/21 00:00:00	6.45	26.82	6.37	6.60	6.46021		6.344119434	80.2617313	6.361		-0.11	-1.64	Excellent
7202	08/29/21 00:30:00	6.45	26.82					6.344415641	80.26547873			-0.11	-1.64	Excellent
7203	08/29/21 01:00:00	6.39	26.82					6.285691274	79.52253568			-0.10	-1.63	Excellent
7204	08/29/21 01:30:00	6.41	26.82					6.305659169	79.7751567			-0.10	-1.63	Excellent
7205	08/29/21 02:00:00	6.42	26.82					6.315791221	79.90334092			-0.10	-1.62	Excellent
7206	08/29/21 02:30:00	6.44	26.82					6.335762332	80.1560026			-0.10	-1.62	Excellent
7207	08/29/21 03:00:00	6.44	26.84					6.33605808	80.18859274			-0.10	-1.61	Excellent
7208	08/29/21 03:30:00	6.43	26.84					6.32651477	80.06781344			-0.10	-1.61	Excellent
7209	08/29/21 04:00:00	6.44	26.84					6.336649577	80.19607867			-0.10	-1.60	Excellent
7210	08/29/21 04:30:00	6.40	26.84					6.297585416	79.7016861			-0.10	-1.60	Excellent
7211	08/29/21 05:00:00	6.41	26.84					6.307719764	79.82994551			-0.10	-1.60	Excellent
7212	08/29/21 05:30:00	6.38	26.84					6.278491448	79.46003451			-0.10	-1.59	Excellent
7213	08/29/21 06:00:00	6.40	26.84					6.29846715	79.71284525			-0.10	-1.59	Excellent
7214	08/29/21 06:30:00	6.38	26.84					6.279077434	79.4674507			-0.10	-1.58	Excellent
7215	08/29/21 07:00:00	6.37	26.84					6.269528153	79.34659585			-0.10	-1.58	Excellent
7216	08/29/21 07:30:00	6.39	26.84					6.289506152	79.59943564			-0.10	-1.57	Excellent
7217	08/29/21 08:00:00	6.38	26.84					6.279956412	79.47857498			-0.10	-1.57	Excellent
7218	08/29/21 08:30:00	6.39	26.84					6.290093056	79.60686345			-0.10	-1.56	Excellent
7219	08/29/21 09:00:00	6.41	26.84					6.310074729	79.85974974			-0.10	-1.56	Excellent
7220	08/29/21 09:30:00	6.41	26.86					6.3103691	79.89220952			-0.10	-1.55	Excellent
7221	08/29/21 10:00:00	6.42	26.86					6.3205085	80.02057904			-0.10	-1.55	Excellent
7222	08/29/21 10:30:00	6.38	26.88					6.281421377	79.554323			-0.10	-1.55	Excellent
7223	08/29/21 11:00:00	6.41	26.90					6.311252212	79.96087477			-0.10	-1.54	Excellent
7224	08/29/21 11:30:00	6.42	26.92					6.321392989	80.11814667			-0.10	-1.54	Excellent
7225	08/29/21 12:00:00	6.48	26.92					6.380769014	80.87068603			-0.10	-1.53	Excellent
7226	08/29/21 12:30:00	6.46	26.94					6.361371949	80.65382253			-0.10	-1.53	Excellent
7227	08/29/21 13:00:00	6.48	26.96					6.381364184	80.93636896			-0.10	-1.52	Excellent
7228	08/29/21 13:30:00	6.55	27.08					6.450599474	81.99087474			-0.10	-1.52	Excellent
7229	08/29/21 14:00:00	6.53	27.20					6.431202868	81.92028046			-0.10	-1.51	Excellent
7230	08/29/21 14:30:00	6.52	27.40					6.421653588	82.0916774			-0.10	-1.51	Excellent
7231	08/29/21 15:00:00	6.51	27.62					6.412103389	82.29177722			-0.10	-1.50	Excellent
7232	08/29/21 15:30:00	6.55	27.58					6.451802674	82.74230305			-0.10	-1.50	Excellent
7233	08/29/21 16:00:00	6.60	27.42					6.501356172	83.1402441			-0.10	-1.49	Excellent
7234	08/29/21 16:30:00	6.58	27.26					6.48195727	82.65549331			-0.10	-1.49	Excellent
7235	08/29/21 17:00:00	6.55	27.14					6.452705074	82.1058936			-0.10	-1.49	Excellent
7236	08/29/21 17:30:00	6.53	26.90					6.433302039	81.50719405			-0.10	-1.48	Excellent
7237	08/29/21 18:00:00	6.52	26.78					6.423749544	81.21067305			-0.10	-1.48	Excellent
7238	08/29/21 18:30:00	6.51	26.72					6.41419613	81.00231632			-0.10	-1.47	Excellent
7239	08/29/21 19:00:00	6.53	26.70					6.434201684	81.22567951			-0.10	-1.47	Excellent
7240	08/29/21 19:30:00	6.50	26.76					6.404940302	80.94372789			-0.10	-1.46	Excellent
7241	08/29/21 20:00:00	6.50	26.78					6.405238806	80.9766556			-0.09	-1.46	Excellent
7242	08/29/21 20:30:00	6.52	26.80					6.425246655	81.25884903			-0.09	-1.45	Excellent
7243	08/29/21 21:00:00	6.47	26.82					6.376270417	80.66848493			-0.09	-1.45	Excellent
7244	08/29/21 21:30:00	6.48	26.82					6.386423135	80.7969306			-0.09	-1.44	Excellent
7245	08/29/21 22:00:00	6.47	26.84					6.37686467	80.70503734			-0.09	-1.44	Excellent
7246	08/29/21 22:30:00	6.46	26.86					6.367305286	80.61304813			-0.09	-1.43	Excellent
7247	08/29/21 23:00:00	6.49	26.88					6.39717286	81.02031776			-0.09	-1.43	Excellent
7248	08/29/21 23:30:00	6.48	26.90				6.922	6.387613476	80.92833943		6.793	-0.09	-1.43	Excellent
7249	08/30/21 00:00:00	6.48	26.90	6.28	6.52	6.40833		6.387911061	80.93210971	6.324		-0.09	-1.42	Excellent
7250	08/30/21 00:30:00	6.49	26.90					6.398066993	81.06078104			-0.09	-1.42	Excellent
7251	08/30/21 01:00:00	6.45	26.92					6.358929814	80.59389321			-0.09	-1.41	Excellent
7252	08/30/21 01:30:00	6.39	26.90					6.300070431	79.81920638			-0.09	-1.41	Excellent
7253	08/30/21 02:00:00	6.45	26.90					6.359522229	80.57243532			-0.09	-1.40	Excellent
7254	08/30/21 02:30:00	6.42	26.90					6.330237886	80.20141517			-0.09	-1.40	Excellent
7255	08/30/21 03:00:00	6.43	26.90					6.340393359	80.33008068			-0.09	-1.39	Excellent
7256	08/30/21 03:30:00	6.43	26.90					6.340688648	80.33382187			-0.09	-1.39	Excellent
7257	08/30/21 04:00:00	6.43	26.90					6.340983937	80.33756306			-0.09	-1.38	Excellent
7258	08/30/21 04:30:00	6.37	26.88					6.282107103	79.56300773			-0.09	-1.38	Excellent
7259	08/30/21 05:00:00	6.40	26.90					6.311987076	79.97018519			-0.09	-1.38	Excellent
7260	08/30/21 05:30:00	6.40	26.88					6.312280987	79.94516056			-0.09	-1.37	Excellent
7261	08/30/21 06:00:00	6.38	26.88					6.292848102	79.6990427			-0.09	-1.37	Excellent
7262	08/30/21 06:30:00	6.43	26.90					6.342460383	80.35626899			-0.09	-1.36	Excellent
7263	08/30/21 07:00:00	6.40	26.88					6.313162722	79.95632774			-0.09	-1.36	Excellent
7264	08/30/21 07:30:00	6.40	26.90					6.313456633	79.98880385			-0.09	-1.35	Excellent
7265	08/30/21 08:00:00	6.39	26.90					6.303885309	79.86753926			-0.09	-1.35	Excellent
7266	08/30/21 08:30:00	6.41	26.90					6.323910151	80.12124546			-0.09	-1.34	Excellent
7267	08/30/21 09:00:00	6.41	26.90					6.324204521	80.12497501			-0.09	-1.34	Excellent
7268	08/30/21 09:30:00	6.41	26.92					6.324498892	80.15751127			-0.09	-1.33	Excellent
7269	08/30/21 10:00:00	6.43	26.94					6.344527407	80.44025591			-0.09	-1.33	Excellent
7270	08/30/21 10:30:00	6.42	27.00					6.334955165	80.40547999			-0.09	-1.32	Excellent
7271	08/30/21 11:00:00	6.44	27.04					6.354985976	80.71763932			-0.09	-1.32	Excellent
7272	08/30/21 11:30:00	6.42	27.06					6.335544824	80.49958431			-0.08	-1.32	Excellent
7273	08/30/21 12:00:00	6.44	27.10					6.355577473	80.8120627			-0.08	-1.31	Excellent
7274	08/30/21 12:30:00	6.42	27.12					6.336134484	80.5937294			-0.08	-1.31	Excellent
7275	08/30/21 13:00:00	6.39	27.12					6.306819831	80.22085581			-0.08	-1.30	Excellent
7276	08/30/21 13:30:00	6.40	27.10					6.31698357	80.3213358			-0.08	-1.30	Excellent
7277	08/30/21 14:00:00	6.28	27.08					6.198828529	78.79071945			-0.08	-1.29	Excellent
7278	08/30/21 14:30:00	6.32	27.08					6.238601751	79.29626026			-0.08	-1.29	Excellent
7279	08/30/21 15:00:00	6.40	27.00					6.317865305	80.18856948			-0.08	-1.28	Excellent
7280	08/30/21 15:30:00	6.40	26.94					6.318159216	80.10594196			-0.08	-1.28	Excellent
7281	08/30/21 16:00:00	6.41	26.94					6.32832571	80.23483973			-0.08	-1.27	Excellent
7282	08/30/21 16:30:00	6.41	26.92					6.328620081	80.20974376			-0.08	-1.27	Excellent
7283	08/30/21 17:00:00	6.42	27.16					6.338787953	80.68528723			-0.08	-1.26	Excellent
7284	08/30/21 17:30:00	6.52	27.34					6.43782239	82.21021096			-0.08	-1.26	Excellent
7285	08/30/21 18:00:00	6.46	27.22					6.378875293	81.28283066			-0.08	-1.26	Excellent
7286	08/30/21 18:30:00	6.42	27.08					6.339672443	80.5809276			-0.08	-1.25	Excellent
7287	08/30/21 19:00:00	6.35	26.94					6.270839904	79.50599537			-0.08	-1.25	Excellent
7288	08/30/21 19:30:00	6.35	26.84					6.271131519	79.3668879			-0.08	-1.24	Excellent
7289	08/30/21 20:00:00	6.37	26.80					6.291175648	79.56327899			-0.08	-1.24	Excellent
7290	08/30/21 20:30:00	6.38	26.80					6.301344898	79.69188752			-0.08	-1.23	Excellent
7291	08/30/21 21:00:00	6.39	26.78					6.311515066	79.79177629			-0.08	-1.23	Excellent
7292	08/30/21 21:30:00	6.42	26.76					6.341441422	80.14124796			-0.08	-1.22	Excellent
7293	08/30/21 22:00:00	6.41	26.76					6.331858158	80.02013753			-0.08	-1.22	Excellent
7294	08/30/21 22:30:00	6.41	26.76					6.332152529	80.0238577			-0.08	-1.21	Excellent
7295	08/30/21 23:00:00	6.39	26.74					6.312688875	79.74915048			-0.08	-1.21	Excellent
7296	08/30/21 23:30:00	6.36	26.74				6.811	6.283343913	79.37843114		6.681	-0.08	-1.21	Excellent
7297	08/31/21 00:00:00	6.34	26.72	6.15	6.34	6.22146		6.263876125	79.10398513	6.126		-0.08	-1.20	Excellent
7298	08/31/21 00:30:00	6.34	26.70					6.264167281	79.07915683			-0.08	-1.20	Excellent
7299	08/31/21 01:00:00	6.29	26.68					6.215054191	78.43087169			-0.07	-1.19	Excellent

7300	08/31/21 01:30:00	6.31	26.66					6.235105668	78.65554363			-0.07	-1.19	Excellent
7301	08/31/21 02:00:00	6.23	26.66					6.156341304	77.66193515			-0.07	-1.18	Excellent
7302	08/31/21 02:30:00	6.25	26.64					6.176391863	77.88677402			-0.07	-1.18	Excellent
7303	08/31/21 03:00:00	6.27	26.62					6.196444258	78.11145624			-0.07	-1.17	Excellent
7304	08/31/21 03:30:00	6.24	26.62					6.167082763	77.74132959			-0.07	-1.17	Excellent
7305	08/31/21 04:00:00	6.25	26.60					6.177252931	77.84143661			-0.07	-1.16	Excellent
7306	08/31/21 04:30:00	6.23	26.60					6.157771826	77.5959493			-0.07	-1.16	Excellent
7307	08/31/21 05:00:00	6.20	26.58					6.128404361	77.19800914			-0.07	-1.15	Excellent
7308	08/31/21 05:30:00	6.22	26.58					6.148459053	77.45063317			-0.07	-1.15	Excellent
7309	08/31/21 06:00:00	6.23	26.60					6.15863014	77.60676517			-0.07	-1.15	Excellent
7310	08/31/21 06:30:00	6.20	26.60					6.129258541	77.23664476			-0.07	-1.14	Excellent
7311	08/31/21 07:00:00	6.22	26.60					6.149315988	77.48939473			-0.07	-1.14	Excellent
7312	08/31/21 07:30:00	6.21	26.60					6.139714814	77.36840742			-0.07	-1.13	Excellent
7313	08/31/21 08:00:00	6.21	26.60					6.139857407	77.37020428			-0.07	-1.13	Excellent
7314	08/31/21 08:30:00	6.21	26.60					6.14	77.37200113			-0.07	-1.13	Excellent
7315	08/31/21 09:00:00	6.24	26.46					6.139839486	76.95630468			-0.10	-1.61	Excellent
7316	08/31/21 09:30:00	6.23	26.62					6.13	77.05525376			-0.10	-1.61	Excellent
7317	08/31/21 10:00:00	6.21	26.64					6.109672784	76.82744073			-0.10	-1.62	Excellent
7318	08/31/21 10:30:00	6.19	26.66					6.089349743	76.59949844			-0.10	-1.63	Excellent
7319	08/31/21 11:00:00	6.20	26.66					6.098539942	76.71510432			-0.10	-1.64	Excellent
7320	08/31/21 11:30:00	6.19	26.68					6.088057432	76.61085312			-0.10	-1.65	Excellent
7321	08/31/21 12:00:00	6.17	26.66					6.067742742	76.32769841			-0.10	-1.66	Excellent
7322	08/31/21 12:30:00	6.17	26.66					6.067098674	76.31959652			-0.10	-1.67	Excellent
7323	08/31/21 13:00:00	6.15	26.64					6.046790248	76.03671029			-0.10	-1.68	Excellent
7324	08/31/21 13:30:00	6.16	26.62					6.055979403	76.12480093			-0.10	-1.69	Excellent
7325	08/31/21 14:00:00	6.17	26.62					6.065166471	76.24028409			-0.10	-1.70	Excellent
7326	08/31/21 14:30:00	6.17	26.60					6.064522403	76.2046914			-0.11	-1.71	Excellent
7327	08/31/21 15:00:00	6.15	26.58					6.044222327	75.9222056			-0.11	-1.72	Excellent
7328	08/31/21 15:30:00	6.19	26.56					6.082888187	76.3803173			-0.11	-1.73	Excellent
7329	08/31/21 16:00:00	6.17	26.54					6.062590199	76.09796356			-0.11	-1.74	Excellent
7330	08/31/21 16:30:00	6.19	26.54					6.081595876	76.33652385			-0.11	-1.75	Excellent
7331	08/31/21 17:00:00	6.17	26.54					6.061302063	76.08179481			-0.11	-1.76	Excellent
7332	08/31/21 17:30:00	6.16	26.52					6.050835211	75.92298984			-0.11	-1.77	Excellent
7333	08/31/21 18:00:00	6.15	26.52					6.040370446	75.79168297			-0.11	-1.78	Excellent
7334	08/31/21 18:30:00	6.19	26.52					6.079011253	76.27652935			-0.11	-1.79	Excellent
7335	08/31/21 19:00:00	6.22	26.52					6.107824056	76.63805864			-0.11	-1.80	Excellent
7336	08/31/21 19:30:00	6.24	26.50					6.126811986	76.84854384			-0.11	-1.81	Excellent
7337	08/31/21 20:00:00	6.24	26.50					6.126160611	76.84037365			-0.11	-1.82	Excellent
7338	08/31/21 20:30:00	6.26	26.48					6.145142279	77.05061374			-0.11	-1.83	Excellent
7339	08/31/21 21:00:00	6.26	26.48					6.144488816	77.04242032			-0.12	-1.85	Excellent
7340	08/31/21 21:30:00	6.28	26.48					6.16346422	77.28034265			-0.12	-1.86	Excellent
7341	08/31/21 22:00:00	6.25	26.46					6.133368501	76.87519782			-0.12	-1.87	Excellent
7342	08/31/21 22:30:00	6.27	26.46					6.152340774	77.11299491			-0.12	-1.88	Excellent
7343	08/31/21 23:00:00	6.26	26.44					6.141874965	76.95399034			-0.12	-1.89	Excellent
7344	08/31/21 23:30:00	6.28	26.42				6.682	6.160842018	77.16372583		6.559	-0.12	-1.90	Excellent
7345	09/01/21 00:00:00	6.25	26.40	6.09	6.85	6.33083		6.130758826	76.75916641	6.194		-0.12	-1.91	Excellent
7346	09/01/21 00:30:00	6.26	26.38					6.139914577	76.84598913			-0.12	-1.92	Excellent
7347	09/01/21 01:00:00	6.26	26.36					6.139261114	76.81000565			-0.12	-1.93	Excellent
7348	09/01/21 01:30:00	6.27	26.34					6.148413734	76.89667285			-0.12	-1.94	Excellent
7349	09/01/21 02:00:00	6.25	26.32					6.12814915	76.61547929			-0.12	-1.95	Excellent
7350	09/01/21 02:30:00	6.24	26.30					6.117692736	76.45705128			-0.12	-1.96	Excellent
7351	09/01/21 03:00:00	6.24	26.30					6.117041361	76.44891059			-0.12	-1.97	Excellent
7352	09/01/21 03:30:00	6.21	26.28					6.086984265	76.04570815			-0.12	-1.98	Excellent
7353	09/01/21 04:00:00	6.17	26.28					6.047132569	75.54783427			-0.12	-1.99	Excellent
7354	09/01/21 04:30:00	6.14	26.26					6.017089044	75.14525636			-0.12	-2.00	Excellent
7355	09/01/21 05:00:00	6.17	26.26					6.045844434	75.50437206			-0.12	-2.01	Excellent
7356	09/01/21 05:30:00	6.17	26.24					6.045200366	75.46896462			-0.12	-2.02	Excellent
7357	09/01/21 06:00:00	6.14	26.22					6.015166235	75.06678964			-0.12	-2.03	Excellent
7358	09/01/21 06:30:00	6.14	26.22					6.014525298	75.05879102			-0.13	-2.04	Excellent
7359	09/01/21 07:00:00	6.15	26.20					6.023678962	75.14576342			-0.13	-2.05	Excellent
7360	09/01/21 07:30:00	6.15	26.20					6.023036982	75.13775467			-0.13	-2.06	Excellent
7361	09/01/21 08:00:00	6.13	26.20					6.002809977	74.88542156			-0.13	-2.07	Excellent
7362	09/01/21 08:30:00	6.11	26.20					5.982587148	74.63314053			-0.13	-2.09	Excellent
7363	09/01/21 09:00:00	6.11	26.18					5.981949344	74.59811364			-0.13	-2.10	Excellent
7364	09/01/21 09:30:00	6.10	26.18					5.971522158	74.46808105			-0.13	-2.11	Excellent
7365	09/01/21 10:00:00	6.09	26.18					5.961097061	74.3380745			-0.13	-2.12	Excellent
7366	09/01/21 10:30:00	6.11	26.18					5.98003593	74.57425234			-0.13	-2.13	Excellent
7367	09/01/21 11:00:00	6.11	26.16					5.979398125	74.53924233			-0.13	-2.14	Excellent
7368	09/01/21 11:30:00	6.14	26.16					6.008115935	74.89723887			-0.13	-2.15	Excellent
7369	09/01/21 12:00:00	6.18	26.16					6.046611644	75.37712679			-0.13	-2.16	Excellent
7370	09/01/21 12:30:00	6.20	26.16					6.065532767	75.61299772			-0.13	-2.17	Excellent
7371	09/01/21 13:00:00	6.20	26.14					6.064885568	75.57748914			-0.14	-2.18	Excellent
7372	09/01/21 13:30:00	6.22	26.12					6.083800427	75.78567273			-0.14	-2.19	Excellent
7373	09/01/21 14:00:00	6.25	26.10					6.112491097	76.11542035			-0.14	-2.20	Excellent
7374	09/01/21 14:30:00	6.26	26.08					6.12161762	76.20137805			-0.14	-2.21	Excellent
7375	09/01/21 15:00:00	6.29	26.06					6.150297852	76.53057015			-0.14	-2.22	Excellent
7376	09/01/21 15:30:00	6.30	26.06					6.159418111	76.64405713			-0.14	-2.23	Excellent
7377	09/01/21 16:00:00	6.37	26.04					6.227191145	77.45922136			-0.14	-2.24	Excellent
7378	09/01/21 16:30:00	6.39	26.02					6.246075733	77.66587919			-0.14	-2.25	Excellent
7379	09/01/21 17:00:00	6.46	26.02					6.313824757	78.50829414			-0.15	-2.26	Excellent
7380	09/01/21 17:30:00	6.50	26.02					6.352241132	78.98597671			-0.15	-2.27	Excellent
7381	09/01/21 18:00:00	6.56	26.02					6.410192425	79.70656326			-0.15	-2.28	Excellent
7382	09/01/21 18:30:00	6.59	26.00					6.438819419	80.03340719			-0.15	-2.29	Excellent
7383	09/01/21 19:00:00	6.62	25.96					6.46744015	80.33067881			-0.15	-2.30	Excellent
7384	09/01/21 19:30:00	6.64	25.94					6.486286114	80.53543967			-0.15	-2.31	Excellent
7385	09/01/21 20:00:00	6.67	25.90					6.514895362	80.8317673			-0.16	-2.33	Excellent
7386	09/01/21 20:30:00	6.68	25.86					6.523965516	80.88533896			-0.16	-2.34	Excellent
7387	09/01/21 21:00:00	6.66	25.80					6.503737468	80.5463961			-0.16	-2.35	Excellent
7388	09/01/21 21:30:00	6.65	25.74					6.493277922	80.32887202			-0.16	-2.36	Excellent
7389	09/01/21 22:00:00	6.69	25.70					6.531636884	80.74442283			-0.16	-2.37	Excellent
7390	09/01/21 22:30:00	6.76	25.68					6.599274215	81.55076191			-0.16	-2.38	Excellent
7391	09/01/21 23:00:00	6.78	25.56					6.618090951	81.60405425			-0.16	-2.39	Excellent
7392	09/01/21 23:30:00	6.85	25.34				6.566	6.685704272	82.10604902		6.449	-0.16	-2.40	Excellent
7393	09/02/21 00:00:00	6.91	25.12	6.91	7.58	7.26042		6.743543871	82.48211204	7.077		-0.17	-2.41	Excellent
7394	09/02/21 00:30:00	6.95	24.92					6.781854815	82.64538704			-0.17	-2.42	Excellent
7395	09/02/21 01:00:00	6.96	24.82					6.790886346	82.60268493			-0.17	-2.43	Excellent
7396	09/02/21 01:30:00	6.98	24.76					6.809671766	82.73930669			-0.17	-2.44	Excellent
7397	09/02/21 02:00:00	6.99	24.70					6.818698077	82.75700114			-0.17	-2.45	Excellent
7398	09/02/21 02:30:00	7.01	24.66					6.83747619	82.92343274			-0.17	-2.46	Excellent
7399	09/02/21 03:00:00	7.05	24.66					6.875755817	83.38767979			-0.17	-2.47	Excellent
7400	09/02/21 03:30:00	7.06	24.60					6.88477169	83.40419318			-0.18	-2.48	Excellent
7401	09/02/21 04:00:00	7.07	24.50					6.893785475	83.35852389			-0.18	-2.49	Excellent
7402	09/02/21 04:30:00	7.10	24.40					6.922296599	83.5478364			-0.18	-2.50	Excellent
7403	09/02/21 05:00:00	7.14	24.34					6.96055013	83.91578568			-0.18	-2.51	Excellent
7404	09/02/21 05:30:00	7.19	24.24					7.008542936	84.33711343			-0.18	-2.52	Excellent
7405	09/02/21 06:00:00	7.24	24.06					7.056525303	84.62965333			-0.18	-2.53	Excellent
7406	09/02/21 06:30:00	7.32	23.84					7.133733845	85.20395395			-0.19	-2.54	Excellent
7407	09/02/21 07:00:00	7.41	23.62					7.22067018	85.88667648			-0.19	-2.56	Excellent
7408	09/02/21 07:30:00	7.48	23.40					7.288100824	86.33011243			-0.19	-2.57	Excellent
7409	09/02/21 08:00:00	7.51	23.18					7.316547228	86.30737568			-0.19	-2.58	Excellent
7410	09/02/21 08:30:00	7.54	22.98					7.344987369	86.3148784			-0.20	-2.59	Excellent
7411	09/02/21 09:00:00	7.57	22.78					7.373421247	86.32003747			-0.20	-2.60	Excellent
7412	09/02/21 09:30:00	7.58	22.62					7.382370312	86.16149145			-0.20	-2.61	Excellent
7413	09/02/21 10:00:00	7.55	22.44					7.352364366	85.51646662			-0.20	-2.62	Excellent
7414	09/02/21 10:30:00	7.53	22.24					7.33210187	84.95436958			-0.20	-2.63	Excellent
7415	09/02/21 11:00:00	7.56	22.04					7.360524265	84.95626842			-0.20	-2.64	Excellent

7416	09/02/21 11:30:00	7.55	21.86			7.35	84.54076393		-0.20	-2.65	Excellent
7417	09/02/21 12:00:00	Monitor removed from river at 1135 hour due to river flow > 100kcfs									
7418	09/02/21 12:30:00										
7419	09/02/21 13:00:00										
7420	09/02/21 13:30:00										
7421	09/02/21 14:00:00										
7422	09/02/21 14:30:00										
7423	09/02/21 15:00:00										
7424	09/02/21 15:30:00										
7425	09/02/21 16:00:00										
7426	09/02/21 16:30:00										
7427	09/02/21 17:00:00										
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7431	09/02/21 19:00:00										
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7434	09/02/21 20:30:00										
7435	09/02/21 21:00:00										
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7437	09/02/21 22:00:00										
7438	09/02/21 22:30:00										
7439	09/02/21 23:00:00										
7440	09/02/21 23:30:00			6.539				6.422			
7441	09/03/21 00:00:00										
7442	09/03/21 00:30:00										
7443	09/03/21 01:00:00										
7444	09/03/21 01:30:00										
7445	09/03/21 02:00:00										
7446	09/03/21 02:30:00										
7447	09/03/21 03:00:00										
7448	09/03/21 03:30:00										
7449	09/03/21 04:00:00										
7450	09/03/21 04:30:00										
7451	09/03/21 05:00:00										
7452	09/03/21 05:30:00										
7453	09/03/21 06:00:00										
7454	09/03/21 06:30:00										
7455	09/03/21 07:00:00										
7456	09/03/21 07:30:00										
7457	09/03/21 08:00:00										
7458	09/03/21 08:30:00										
7459	09/03/21 09:00:00										
7460	09/03/21 09:30:00										
7461	09/03/21 10:00:00										
7462	09/03/21 10:30:00										
7463	09/03/21 11:00:00										
7464	09/03/21 11:30:00										
7465	09/03/21 12:00:00										
7466	09/03/21 12:30:00										
7467	09/03/21 13:00:00										
7468	09/03/21 13:30:00										
7469	09/03/21 14:00:00										
7470	09/03/21 14:30:00										
7471	09/03/21 15:00:00										
7472	09/03/21 15:30:00										
7473	09/03/21 16:00:00										
7474	09/03/21 16:30:00										
7475	09/03/21 17:00:00										
7476	09/03/21 17:30:00										
7477	09/03/21 18:00:00										
7478	09/03/21 18:30:00										
7479	09/03/21 19:00:00										
7480	09/03/21 19:30:00										
7481	09/03/21 20:00:00										
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7483	09/03/21 21:00:00										
7484	09/03/21 21:30:00										
7485	09/03/21 22:00:00										
7486	09/03/21 22:30:00										
7487	09/03/21 23:00:00										
7488	09/03/21 23:30:00			6.477				6.364			
7489	09/04/21 00:00:00										
7490	09/04/21 00:30:00										
7491	09/04/21 01:00:00										
7492	09/04/21 01:30:00										
7493	09/04/21 02:00:00										
7494	09/04/21 02:30:00										
7495	09/04/21 03:00:00										
7496	09/04/21 03:30:00										
7497	09/04/21 04:00:00										
7498	09/04/21 04:30:00										
7499	09/04/21 05:00:00										
7500	09/04/21 05:30:00										
7501	09/04/21 06:00:00										
7502	09/04/21 06:30:00										
7503	09/04/21 07:00:00										
7504	09/04/21 07:30:00										
7505	09/04/21 08:00:00										
7506	09/04/21 08:30:00										
7507	09/04/21 09:00:00										
7508	09/04/21 09:30:00										
7509	09/04/21 10:00:00										
7510	09/04/21 10:30:00										
7511	09/04/21 11:00:00										
7512	09/04/21 11:30:00										
7513	09/04/21 12:00:00										
7514	09/04/21 12:30:00										
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7532	09/04/21 21:30:00				
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7534	09/04/21 22:30:00				
7535	09/04/21 23:00:00				
7536	09/04/21 23:30:00	6.456		6.343	
7537	09/05/21 00:00:00				
7538	09/05/21 00:30:00				
7539	09/05/21 01:00:00				
7540	09/05/21 01:30:00				
7541	09/05/21 02:00:00				
7542	09/05/21 02:30:00				
7543	09/05/21 03:00:00				
7544	09/05/21 03:30:00				
7545	09/05/21 04:00:00				
7546	09/05/21 04:30:00				
7547	09/05/21 05:00:00				
7548	09/05/21 05:30:00				
7549	09/05/21 06:00:00				
7550	09/05/21 06:30:00				
7551	09/05/21 07:00:00				
7552	09/05/21 07:30:00				
7553	09/05/21 08:00:00				
7554	09/05/21 08:30:00				
7555	09/05/21 09:00:00				
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7570	09/05/21 16:30:00				
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7574	09/05/21 18:30:00				
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7577	09/05/21 20:00:00				
7578	09/05/21 20:30:00				
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7581	09/05/21 22:00:00				
7582	09/05/21 22:30:00				
7583	09/05/21 23:00:00				
7584	09/05/21 23:30:00	6.455		6.338	
7585	09/06/21 00:00:00				
7586	09/06/21 00:30:00				
7587	09/06/21 01:00:00				
7588	09/06/21 01:30:00				
7589	09/06/21 02:00:00				
7590	09/06/21 02:30:00				
7591	09/06/21 03:00:00				
7592	09/06/21 03:30:00				
7593	09/06/21 04:00:00				
7594	09/06/21 04:30:00				
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7596	09/06/21 05:30:00				
7597	09/06/21 06:00:00				
7598	09/06/21 06:30:00				
7599	09/06/21 07:00:00				
7600	09/06/21 07:30:00				
7601	09/06/21 08:00:00				
7602	09/06/21 08:30:00				
7603	09/06/21 09:00:00				
7604	09/06/21 09:30:00				
7605	09/06/21 10:00:00				
7606	09/06/21 10:30:00				
7607	09/06/21 11:00:00				
7608	09/06/21 11:30:00				
7609	09/06/21 12:00:00				
7610	09/06/21 12:30:00				
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7612	09/06/21 13:30:00				
7613	09/06/21 14:00:00				
7614	09/06/21 14:30:00				
7615	09/06/21 15:00:00				
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7629	09/06/21 22:00:00				
7630	09/06/21 22:30:00				
7631	09/06/21 23:00:00				
7632	09/06/21 23:30:00	6.473		6.344	
7633	09/07/21 00:00:00				
7634	09/07/21 00:30:00				
7635	09/07/21 01:00:00				
7636	09/07/21 01:30:00				
7637	09/07/21 02:00:00				
7638	09/07/21 02:30:00				
7639	09/07/21 03:00:00				
7640	09/07/21 03:30:00				
7641	09/07/21 04:00:00				
7642	09/07/21 04:30:00				
7643	09/07/21 05:00:00				
7644	09/07/21 05:30:00				
7645	09/07/21 06:00:00				
7646	09/07/21 06:30:00				
7647	09/07/21 07:00:00				

7648	09/07/21 07:30:00													
7649	09/07/21 08:00:00	Monitor deployed back in river at 0816 hour												
7650	09/07/21 08:30:00	8.44	20.46	8.44	8.66	8.53452		8.02	88.50366902	8.134		-0.42	-4.98	Good
7651	09/07/21 09:00:00	8.46	20.48					8.040573778	88.76570119			-0.42	-4.96	Good
7652	09/07/21 09:30:00	8.46	20.50					8.042142816	88.81802542			-0.42	-4.94	Good
7653	09/07/21 10:00:00	8.47	20.52					8.053219788	88.97541376			-0.42	-4.92	Good
7654	09/07/21 10:30:00	8.48	20.56					8.06430047	89.16804942			-0.42	-4.90	Good
7655	09/07/21 11:00:00	8.47	20.60					8.056361575	89.15042139			-0.41	-4.88	Good
7656	09/07/21 11:30:00	8.47	20.64					8.057932468	89.2379827			-0.41	-4.87	Good
7657	09/07/21 12:00:00	8.49	20.68					8.078534065	89.53650461			-0.41	-4.85	Good
7658	09/07/21 12:30:00	8.48	20.74					8.070591461	89.55394417			-0.41	-4.83	Good
7659	09/07/21 13:00:00	8.49	20.78					8.08168327	89.74744595			-0.41	-4.81	Good
7660	09/07/21 13:30:00	8.48	20.84					8.073736956	89.76475364			-0.41	-4.79	Good
7661	09/07/21 14:00:00	8.50	20.88					8.094355246	90.06455158			-0.41	-4.77	Good
7662	09/07/21 14:30:00	8.51	20.94					8.105456329	90.29407942			-0.40	-4.75	Good
7663	09/07/21 15:00:00	8.53	20.98					8.126087601	90.59477569			-0.40	-4.74	Good
7664	09/07/21 15:30:00	8.51	21.00					8.108612952	90.43531801			-0.40	-4.72	Good
7665	09/07/21 16:00:00	8.51	21.04					8.110191264	90.52366455			-0.40	-4.70	Good
7666	09/07/21 16:30:00	8.53	21.08					8.130833664	90.82500396			-0.40	-4.68	Good
7667	09/07/21 17:00:00	8.53	21.12					8.132415685	90.9136355			-0.40	-4.66	Good
7668	09/07/21 17:30:00	8.55	21.16					8.153069213	91.21567575			-0.40	-4.64	Good
7669	09/07/21 18:00:00	8.57	21.18					8.173730159	91.48249807			-0.40	-4.62	Good
7670	09/07/21 18:30:00	8.58	21.22					8.184859062	91.67850079			-0.40	-4.61	Good
7671	09/07/21 19:00:00	8.58	21.24					8.186450356	91.73205858			-0.39	-4.59	Good
7672	09/07/21 19:30:00	8.59	21.28					8.197584823	91.92839723			-0.39	-4.57	Good
7673	09/07/21 20:00:00	8.61	21.30					8.218268025	92.1962214			-0.39	-4.55	Good
7674	09/07/21 20:30:00	8.61	21.32					8.219864883	92.25002647			-0.39	-4.53	Good
7675	09/07/21 21:00:00	8.66	21.34					8.269205422	92.83987529			-0.39	-4.51	Good
7676	09/07/21 21:30:00	8.66	21.36					8.270811553	92.89402652			-0.39	-4.49	Good
7677	09/07/21 22:00:00	8.64	21.36					8.253312794	92.69748834			-0.39	-4.48	Good
7678	09/07/21 22:30:00	8.59	21.36					8.207143716	92.17893808			-0.38	-4.46	Good
7679	09/07/21 23:00:00	8.57	21.36					8.189624556	91.98217076			-0.38	-4.44	Good
7680	09/07/21 23:30:00	8.55	21.36				7.211	8.172097977	91.78532013		6.984	-0.38	-4.42	Good
7681	09/08/21 00:00:00	8.54	21.34	8.42	8.77	8.55167		8.164123844	91.66010527	8.213		-0.38	-4.40	Good
7682	09/08/21 00:30:00	8.54	21.32					8.165707719	91.64223062			-0.37	-4.38	Good
7683	09/08/21 01:00:00	8.52	21.30					8.148164448	91.409768			-0.37	-4.36	Good
7684	09/08/21 01:30:00	8.51	21.28					8.140179187	91.28464566			-0.37	-4.35	Good
7685	09/08/21 02:00:00	8.50	21.28					8.132190216	91.19505668			-0.37	-4.33	Good
7686	09/08/21 02:30:00	8.50	21.28					8.133766673	91.2127352			-0.37	-4.31	Good
7687	09/08/21 03:00:00	8.49	21.28					8.125772138	91.12308382			-0.36	-4.29	Good
7688	09/08/21 03:30:00	8.48	21.28					8.117773894	91.03339085			-0.36	-4.27	Good
7689	09/08/21 04:00:00	8.48	21.28					8.119346642	91.05102777			-0.36	-4.25	Good
7690	09/08/21 04:30:00	8.46	21.28					8.101766278	90.85388011			-0.36	-4.23	Good
7691	09/08/21 05:00:00	8.46	21.28					8.103335316	90.87147544			-0.36	-4.22	Good
7692	09/08/21 05:30:00	8.46	21.28					8.104904355	90.88907077			-0.36	-4.20	Good
7693	09/08/21 06:00:00	8.44	21.26					8.087309153	90.65645023			-0.35	-4.18	Good
7694	09/08/21 06:30:00	8.45	21.24					8.098458457	90.74607837			-0.35	-4.16	Good
7695	09/08/21 07:00:00	8.43	21.22					8.080853983	90.51354124			-0.35	-4.14	Good
7696	09/08/21 07:30:00	8.43	21.20					8.082417457	90.49577683			-0.35	-4.12	Good
7697	09/08/21 08:00:00	8.42	21.18					8.074391393	90.37067295			-0.35	-4.10	Good
7698	09/08/21 08:30:00	8.43	21.18					8.085544406	90.49550035			-0.34	-4.09	Good
7699	09/08/21 09:00:00	8.44	21.16					8.096701128	90.58503558			-0.34	-4.07	Good
7700	09/08/21 09:30:00	8.43	21.16					8.088671355	90.49519933			-0.34	-4.05	Good
7701	09/08/21 10:00:00	8.42	21.14					8.080637872	90.37006075			-0.34	-4.03	Good
7702	09/08/21 10:30:00	8.43	21.14					8.091798304	90.49487378			-0.34	-4.01	Good
7703	09/08/21 11:00:00	8.43	21.14					8.093361779	90.51235894			-0.34	-3.99	Good
7704	09/08/21 11:30:00	8.44	21.16					8.104527774	90.67259927			-0.34	-3.97	Good
7705	09/08/21 12:00:00	8.44	21.22					8.106093103	90.7962443			-0.33	-3.96	Good
7706	09/08/21 12:30:00	8.47	21.28					8.136477124	91.24313042			-0.33	-3.94	Good
7707	09/08/21 13:00:00	8.48	21.34					8.147656102	91.47521893			-0.33	-3.92	Good
7708	09/08/21 13:30:00	8.49	21.40					8.158838789	91.70766708			-0.33	-3.90	Good
7709	09/08/21 14:00:00	8.51	21.46					8.17963698	92.0486404			-0.33	-3.88	Good
7710	09/08/21 14:30:00	8.53	21.54					8.20044259	92.42610446			-0.33	-3.86	Good
7711	09/08/21 15:00:00	8.53	21.60					8.202024611	92.55148324			-0.33	-3.84	Good
7712	09/08/21 15:30:00	8.56	21.66					8.232458707	93.00287342			-0.33	-3.83	Good
7713	09/08/21 16:00:00	8.57	21.72					8.243665505	93.23762253			-0.33	-3.81	Good
7714	09/08/21 16:30:00	8.59	21.78					8.26449708	93.58167571			-0.33	-3.79	Good
7715	09/08/21 17:00:00	8.61	21.82					8.285336073	93.89013487			-0.32	-3.77	Good
7716	09/08/21 17:30:00	8.64	21.88					8.315807262	94.34459665			-0.32	-3.75	Good
7717	09/08/21 18:00:00	8.67	21.94					8.346289579	94.80001059			-0.32	-3.73	Good
7718	09/08/21 18:30:00	8.70	22.02					8.376783024	95.29305382			-0.32	-3.72	Good
7719	09/08/21 19:00:00	8.72	22.08					8.397657256	95.64083669			-0.32	-3.70	Good
7720	09/08/21 19:30:00	8.74	22.14					8.418538907	95.98927869			-0.32	-3.68	Good
7721	09/08/21 20:00:00	8.75	22.18					8.429793926	96.19147038			-0.32	-3.66	Good
7722	09/08/21 20:30:00	8.77	22.22					8.450688559	96.50395202			-0.32	-3.64	Good
7723	09/08/21 21:00:00	8.76	22.26					8.442677332	96.48646325			-0.32	-3.62	Good
7724	09/08/21 21:30:00	8.77	22.30					8.453941625	96.68930338			-0.32	-3.60	Good
7725	09/08/21 22:00:00	8.77	22.32					8.455568157	96.74497139			-0.31	-3.59	Good
7726	09/08/21 22:30:00	8.76	22.32					8.447551367	96.65324672			-0.31	-3.57	Good
7727	09/08/21 23:00:00	8.76	22.32					8.449176045	96.67183559			-0.31	-3.55	Good
7728	09/08/21 23:30:00	8.76	22.30				8.246	8.450800723	96.65338031		7.924	-0.31	-3.53	Good
7729	09/09/21 00:00:00	8.74	22.30	8.34	8.81	8.60625		8.433127626	96.45124981	8.342		-0.31	-3.51	Good
7730	09/09/21 00:30:00	8.72	22.30					8.415447111	96.24903447			-0.30	-3.49	Excellent
7731	09/09/21 01:00:00	8.70	22.30					8.397759177	96.04673427			-0.30	-3.47	Excellent
7732	09/09/21 01:30:00	8.71	22.28					8.409027178	96.13875038			-0.30	-3.46	Excellent
7733	09/09/21 02:00:00	8.69	22.28					8.391329971	95.93642169			-0.30	-3.44	Excellent
7734	09/09/21 02:30:00	8.69	22.26					8.392941667	95.91806316			-0.30	-3.42	Excellent
7735	09/09/21 03:00:00	8.68	22.26					8.384893347	95.82608358			-0.30	-3.40	Excellent
7736	09/09/21 03:30:00	8.65	22.24					8.357517578	95.47659521			-0.29	-3.38	Excellent
7737	09/09/21 04:00:00	8.64	22.24					8.34945813	95.38452377			-0.29	-3.36	Excellent
7738	09/09/21 04:30:00	8.63	22.22					8.341394973	95.25585692			-0.29	-3.34	Excellent
7739	09/09/21 05:00:00	8.61	22.22					8.323660672	95.05333731			-0.29	-3.33	Excellent
7740	09/09/21 05:30:00	8.60	22.18					8.315588242	94.88828162			-0.28	-3.31	Excellent
7741	09/09/21 06:00:00	8.59	22.16					8.307512102	94.75972969			-0.28	-3.29	Excellent
7742	09/09/21 06:30:00	8.56	22.14					8.280086257	94.41062352			-0.28	-3.27	Excellent
7743	09/09/21 07:00:00	8.53	22.08					8.252649285	93.98934231			-0.28	-3.25	Excellent
7744	09/09/21 07:30:00	8.50	22.04					8.225201184	93.6046966			-0.27	-3.23	Excellent
7745	09/09/21 08:00:00	8.49	22.00					8.217099079	93.44053547			-0.27	-3.21	Excellent
7746	09/09/21 08:30:00	8.44	21.98					8.170271598	92.87226856			-0.27	-3.20	Excellent
7747	09/09/21 09:00:00	8.42	21.94					8.152472385	92.59856864			-0.27	-3.18	Excellent
7748	09/09/21 09:30:00	8.40	21.92					8.134665753	92.36070969			-0.27	-3.16	Excellent
7749	09/09/21 10:00:00	8.38	21.92					8.116851703	92.15844959			-0.26	-3.14	Excellent
7750	09/09/21 10:30:00	8.36	21.90					8.099030233	91.92065888			-0.26	-3.12	Excellent
7751	09/09/21 11:00:00	8.34	21.90					8.081201346	91.71830834			-0.26	-3.10	Excellent
7752	09/09/21 11:30:00	8.35	21.90					8.092439673	91.84585873			-0.26	-3.08	Excellent
7753	09/09/21 12:00:00	8.37	21.88					8.113375108	92.04796094			-0.26	-3.07	Excellent
7754	09/09/21 12:30:00	8.41	21.90					8.15370847	92.54123436			-0.26	-3.05	Excellent
7755	09/09/21 13:00:00	8.43	21.92					8.174662452	92.81483081			-0.26	-3.03	Excellent
7756	09/09/21 13:30:00	8.46	21.96					8.205322816	93.23477911			-0.25	-3.01	Excellent
7757	09/09/21 14:00:00	8.50	22.00					8.245695126	93.7657147			-0.25	-2.99	Excellent
7758	09/09/21 14:30:00	8.52	22.04					8.266676928	94.07670018			-0.25	-2.97	Excellent
7759	09/09/21 15:00:00	8.55	22.06					8.297370676	94.46233655			-0.25	-2.95	Excellent
7760	09/09/21 15:30:00	8.60	22.12					8.347488315	95.1425852			-0.25	-2.94	Excellent
7761	09/09/21 16:00:00	8.64	22.16					8.387916264	95.67686066			-0.25	-2.92	Excellent
7762	09/09/21 16:30:00	8.66	22.18					8.408938868	95.95349557			-0.25	-2.90	Excellent
7763	09/09/21 17:00:00	8.70	22.20					8.449392783	96.45213131			-0.25	-2.88	Excellent

7764	09/09/21 17:30:00	8.72	22.24					8.470433934	96.76655591			-0.25	-2.86	Excellent
7765	09/09/21 18:00:00	8.73	22.26					8.481766848	96.93319466			-0.25	-2.84	Excellent
7766	09/09/21 18:30:00	8.73	22.28					8.483385963	96.9888797			-0.25	-2.82	Excellent
7767	09/09/21 19:00:00	8.74	22.30					8.494724441	97.15574404			-0.25	-2.81	Excellent
7768	09/09/21 19:30:00	8.75	22.32					8.506066629	97.32275316			-0.24	-2.79	Excellent
7769	09/09/21 20:00:00	8.78	22.34					8.536858673	97.71248682			-0.24	-2.77	Excellent
7770	09/09/21 20:30:00	8.80	22.34					8.557936917	97.95374742			-0.24	-2.75	Excellent
7771	09/09/21 21:00:00	8.81	22.34					8.569295797	98.08376062			-0.24	-2.73	Excellent
7772	09/09/21 21:30:00	8.79	22.32					8.551472473	97.84226729			-0.24	-2.71	Excellent
7773	09/09/21 22:00:00	8.76	22.30					8.523911238	97.48955888			-0.24	-2.70	Excellent
7774	09/09/21 22:30:00	8.75	22.30					8.51580357	97.39682996			-0.23	-2.68	Excellent
7775	09/09/21 23:00:00	8.75	22.28					8.517426393	97.37805723			-0.23	-2.66	Excellent
7776	09/09/21 23:30:00	8.73	22.26				8.568	8.499577104	97.13673774		8.242	-0.23	-2.64	Excellent
7777	09/10/21 00:00:00	8.73	22.26	8.23	8.73	8.45229		8.501196218	97.15524166	8.268		-0.23	-2.62	Excellent
7778	09/10/21 00:30:00	8.70	22.24					8.473596036	96.80267988			-0.23	-2.60	Excellent
7779	09/10/21 01:00:00	8.67	22.22					8.445984725	96.45023586			-0.22	-2.58	Excellent
7780	09/10/21 01:30:00	8.65	22.20					8.428105762	96.20913413			-0.22	-2.57	Excellent
7781	09/10/21 02:00:00	8.63	22.18					8.41021938	95.96810734			-0.22	-2.55	Excellent
7782	09/10/21 02:30:00	8.59	22.14					8.372831211	95.46811357			-0.22	-2.53	Excellent
7783	09/10/21 03:00:00	8.54	22.12					8.325679165	94.89400997			-0.21	-2.51	Excellent
7784	09/10/21 03:30:00	8.51	22.10					8.298010361	94.54230208			-0.21	-2.49	Excellent
7785	09/10/21 04:00:00	8.47	22.10					8.26057768	94.1158177			-0.21	-2.47	Excellent
7786	09/10/21 04:30:00	8.43	22.08					8.223130162	93.65314931			-0.21	-2.45	Excellent
7787	09/10/21 05:00:00	8.40	22.06					8.195424264	93.30171632			-0.20	-2.44	Excellent
7788	09/10/21 05:30:00	8.36	22.04					8.157948926	92.83935031			-0.20	-2.42	Excellent
7789	09/10/21 06:00:00	8.34	22.02					8.139979084	92.59920697			-0.20	-2.40	Excellent
7790	09/10/21 06:30:00	8.32	21.98					8.122001824	92.32358136			-0.20	-2.38	Excellent
7791	09/10/21 07:00:00	8.28	21.96					8.084489393	91.86178285			-0.20	-2.36	Excellent
7792	09/10/21 07:30:00	8.25	21.92					8.056727855	91.47580554			-0.19	-2.34	Excellent
7793	09/10/21 08:00:00	8.24	21.90					8.048490361	91.34705213			-0.19	-2.32	Excellent
7794	09/10/21 08:30:00	8.23	21.86					8.040249157	91.18314793			-0.19	-2.31	Excellent
7795	09/10/21 09:00:00	8.23	21.84					8.041775538	91.16527086			-0.19	-2.29	Excellent
7796	09/10/21 09:30:00	8.23	21.84					8.043301919	91.18257462			-0.19	-2.27	Excellent
7797	09/10/21 10:00:00	8.24	21.82					8.054603305	91.27545146			-0.19	-2.25	Excellent
7798	09/10/21 10:30:00	8.26	21.82					8.075685258	91.51435396			-0.18	-2.23	Excellent
7799	09/10/21 11:00:00	8.28	21.80					8.09677463	91.71791792			-0.18	-2.21	Excellent
7800	09/10/21 11:30:00	8.31	21.82					8.127651989	92.10324538			-0.18	-2.19	Excellent
7801	09/10/21 12:00:00	8.34	21.84					8.158540475	92.48897196			-0.18	-2.18	Excellent
7802	09/10/21 12:30:00	8.37	21.86					8.18944009	92.87509785			-0.18	-2.16	Excellent
7803	09/10/21 13:00:00	8.41	21.88					8.230136964	93.37264895			-0.18	-2.14	Excellent
7804	09/10/21 13:30:00	8.45	21.88					8.270848676	93.83453195			-0.18	-2.12	Excellent
7805	09/10/21 14:00:00	8.44	21.90					8.262626018	93.77740369			-0.18	-2.10	Excellent
7806	09/10/21 14:30:00	8.47	21.90					8.293566435	94.12856468			-0.18	-2.08	Excellent
7807	09/10/21 15:00:00	8.50	21.92					8.32451798	94.51628522			-0.18	-2.06	Excellent
7808	09/10/21 15:30:00	8.54	21.94					8.365276058	95.01566551			-0.17	-2.05	Excellent
7809	09/10/21 16:00:00	8.59	21.96					8.415846233	95.62689758			-0.17	-2.03	Excellent
7810	09/10/21 16:30:00	8.59	21.98					8.417439382	95.68184869			-0.17	-2.01	Excellent
7811	09/10/21 17:00:00	8.62	21.98					8.448435439	96.03418387			-0.17	-1.99	Excellent
7812	09/10/21 17:30:00	8.61	21.98					8.440231328	95.94092694			-0.17	-1.97	Excellent
7813	09/10/21 18:00:00	8.62	22.00					8.451632864	96.10753051			-0.17	-1.95	Excellent
7814	09/10/21 18:30:00	8.61	22.02					8.443425044	96.05116366			-0.17	-1.93	Excellent
7815	09/10/21 19:00:00	8.60	22.02					8.435213515	95.9577505			-0.16	-1.92	Excellent
7816	09/10/21 19:30:00	8.57	22.02					8.407377791	95.6410954			-0.16	-1.90	Excellent
7817	09/10/21 20:00:00	8.55	22.00					8.389343036	95.3992033			-0.16	-1.88	Excellent
7818	09/10/21 20:30:00	8.50	21.98					8.341859008	94.82271926			-0.16	-1.86	Excellent
7819	09/10/21 21:00:00	8.46	21.98					8.304172239	94.39433011			-0.16	-1.84	Excellent
7820	09/10/21 21:30:00	8.42	21.96					8.266470633	93.92958459			-0.15	-1.82	Excellent
7821	09/10/21 22:00:00	8.41	21.96					8.258212737	93.83575244			-0.15	-1.80	Excellent
7822	09/10/21 22:30:00	8.39	21.94					8.240129762	93.59421109			-0.15	-1.79	Excellent
7823	09/10/21 23:00:00	8.38	21.94					8.231862593	93.50030976			-0.15	-1.77	Excellent
7824	09/10/21 23:30:00	8.38	21.92				8.536	8.233416794	93.48192555		8.249	-0.15	-1.75	Excellent
7825	09/11/21 00:00:00	8.36	21.90	8.09	8.83	8.36729		8.215317126	93.24046724	8.259		-0.14	-1.73	Excellent
7826	09/11/21 00:30:00	8.34	21.88					8.19721004	92.99908602			-0.14	-1.71	Excellent
7827	09/11/21 01:00:00	8.33	21.86					8.188926179	92.86926967			-0.14	-1.69	Excellent
7828	09/11/21 01:30:00	8.33	21.82					8.190471107	92.81511698			-0.14	-1.68	Excellent
7829	09/11/21 02:00:00	8.33	21.80					8.192016035	92.79678496			-0.14	-1.66	Excellent
7830	09/11/21 02:30:00	8.30	21.76					8.16405234	92.40859485			-0.14	-1.64	Excellent
7831	09/11/21 03:00:00	8.28	21.74					8.145915579	92.16767635			-0.13	-1.62	Excellent
7832	09/11/21 03:30:00	8.28	21.72					8.147451234	92.14941852			-0.13	-1.60	Excellent
7833	09/11/21 04:00:00	8.24	21.68					8.109619802	91.6506099			-0.13	-1.58	Excellent
7834	09/11/21 04:30:00	8.25	21.66					8.120991665	91.74361958			-0.13	-1.56	Excellent
7835	09/11/21 05:00:00	8.25	21.64					8.122521755	91.72539219			-0.13	-1.55	Excellent
7836	09/11/21 05:30:00	8.23	21.60					8.104357175	91.44940582			-0.13	-1.53	Excellent
7837	09/11/21 06:00:00	8.21	21.58					8.086185176	91.20900755			-0.12	-1.51	Excellent
7838	09/11/21 06:30:00	8.21	21.52					8.087707848	91.12014193			-0.12	-1.49	Excellent
7839	09/11/21 07:00:00	8.18	21.48					8.059671821	90.73383911			-0.12	-1.47	Excellent
7840	09/11/21 07:30:00	8.17	21.42					8.051334175	90.53445335			-0.12	-1.45	Excellent
7841	09/11/21 08:00:00	8.15	21.38					8.033136211	90.25964793			-0.12	-1.43	Excellent
7842	09/11/21 08:30:00	8.15	21.34					8.034647755	90.20645365			-0.12	-1.42	Excellent
7843	09/11/21 09:00:00	8.14	21.32					8.026298981	90.07767208			-0.11	-1.40	Excellent
7844	09/11/21 09:30:00	8.14	21.30					8.027808671	90.05956283			-0.11	-1.38	Excellent
7845	09/11/21 10:00:00	8.12	21.30					8.009590305	89.85518103			-0.11	-1.36	Excellent
7846	09/11/21 10:30:00	8.10	21.28					7.991364521	89.61582564			-0.11	-1.34	Excellent
7847	09/11/21 11:00:00	8.12	21.28					8.012602266	89.85398747			-0.11	-1.32	Excellent
7848	09/11/21 11:30:00	8.09	21.28					7.984499471	89.5388404			-0.11	-1.30	Excellent
7849	09/11/21 12:00:00	8.12	21.28					8.015614226	89.88776384			-0.10	-1.29	Excellent
7850	09/11/21 12:30:00	8.12	21.24					8.017120206	89.83465463			-0.10	-1.27	Excellent
7851	09/11/21 13:00:00	8.15	21.22					8.048251653	90.14836296			-0.10	-1.25	Excellent
7852	09/11/21 13:30:00	8.17	21.22					8.069517217	90.38655827			-0.10	-1.23	Excellent
7853	09/11/21 14:00:00	8.20	21.24					8.100669064	90.770849			-0.10	-1.21	Excellent
7854	09/11/21 14:30:00	8.22	21.26					8.121951321	91.04477913			-0.10	-1.19	Excellent
7855	09/11/21 15:00:00	8.25	21.28					8.153123569	91.42980504			-0.10	-1.17	Excellent
7856	09/11/21 15:30:00	8.29	21.30					8.194191375	91.92611873			-0.10	-1.16	Excellent
7857	09/11/21 16:00:00	8.34	21.34					8.245160301	92.56991633			-0.09	-1.14	Excellent
7858	09/11/21 16:30:00	8.38	21.34					8.286259635	93.03134605			-0.09	-1.12	Excellent
7859	09/11/21 17:00:00	8.44	21.36					8.347153792	93.75146812			-0.09	-1.10	Excellent
7860	09/11/21 17:30:00	8.51	21.38					8.417962053	94.58351896			-0.09	-1.08	Excellent
7861	09/11/21 18:00:00	8.59	21.42					8.49868998	95.56481383			-0.09	-1.06	Excellent
7862	09/11/21 18:30:00	8.65	21.46					8.559656469	96.32514769			-0.09	-1.04	Excellent
7863	09/11/21 19:00:00	8.72	21.52					8.630542624	97.2359887			-0.09	-1.03	Excellent
7864	09/11/21 19:30:00	8.76	21.54					8.671756948	97.73822629			-0.09	-1.01	Excellent
7865	09/11/21 20:00:00	8.80	21.58					8.712986108	98.27907702			-0.09	-0.99	Excellent
7866	09/11/21 20:30:00	8.78	21.60					8.694812254	98.11208924			-0.09	-0.97	Excellent
7867	09/11/21 21:00:00	8.80	21.60					8.716250302	98.35399574			-0.08	-0.95	Excellent
7868	09/11/21 21:30:00	8.79	21.62					8.707975714	98.29869217			-0.08	-0.93	Excellent
7869	09/11/21 22:00:00	8.81	21.62					8.729423034	98.54079706			-0.08	-0.91	Excellent
7870	09/11/21 22:30:00	8.80	21.64					8.721146592	98.48549694			-0.08	-0.90	Excellent
7871	09/11/21 23:00:00	8.81	21.64					8.732690937	98.61586404			-0.08	-0.88	Excellent
7872	09/11/21 23:30:00	8.83	21.64				8.500	8.754153095	98.85823025		8.251	-0.08	-0.86	Excellent
7873	09/12/21 00:00:00	8.84	21.64	8.73	9.35	8.89813		8.765706713	98.98870207	8.862		-0.07	-0.84	Excellent
7874	09/12/21 00:30:00	8.83	21.62					8.757428416	98.85693166			-0.07	-0.82	Excellent
7875	09/12/21 01:00:00	8.83	21.62					8.759066077	98.87541815			-0.07	-0.80	Excellent
7876	09/12/21 01:30:00	8.84	21.60					8.770625259	98.96756169			-0.07	-0.78	Excellent
7877	09/12/21 02:00:00	8.83	21.58					8.762341398	98.8357854			-0.07	-0.77	Excellent
7878	09/12/21 02:30:00	8.86	21.56					8.793754752	99.15168008			-0.07	-0.75	Excellent
7879	09/12/21 03:00:00	8.85	21.54					8.785470891	99.01988111			-0.06	-0.73	Excellent

7880	09/12/21 03:30:00	8.83	21.54					8.76725438	98.81456523			-0.06	-0.71	Excellent
7881	09/12/21 04:00:00	8.80	21.50					8.739099656	98.42085843			-0.06	-0.69	Excellent
7882	09/12/21 04:30:00	8.80	21.48					8.740731753	98.40104735			-0.06	-0.67	Excellent
7883	09/12/21 05:00:00	8.77	21.46					8.712560336	98.04583446			-0.06	-0.65	Excellent
7884	09/12/21 05:30:00	8.78	21.44					8.724123228	98.13784276			-0.06	-0.64	Excellent
7885	09/12/21 06:00:00	8.73	21.42					8.676060547	97.55928418			-0.05	-0.62	Excellent
7886	09/12/21 06:30:00	8.78	21.40					8.727380003	98.09823193			-0.05	-0.60	Excellent
7887	09/12/21 07:00:00	8.78	21.38					8.72900839	98.07840965			-0.05	-0.58	Excellent
7888	09/12/21 07:30:00	8.76	21.34					8.710749223	97.79716795			-0.05	-0.56	Excellent
7889	09/12/21 08:00:00	8.79	21.32					8.742210798	98.11221826			-0.05	-0.54	Excellent
7890	09/12/21 08:30:00	8.77	21.30					8.723946066	97.86914476			-0.05	-0.53	Excellent
7891	09/12/21 09:00:00	8.79	21.28					8.745471282	98.0724415			-0.04	-0.51	Excellent
7892	09/12/21 09:30:00	8.77	21.26					8.727199131	97.82943605			-0.04	-0.49	Excellent
7893	09/12/21 10:00:00	8.78	21.24					8.738778715	97.92109231			-0.04	-0.47	Excellent
7894	09/12/21 10:30:00	8.81	21.24					8.770271819	98.27398363			-0.04	-0.45	Excellent
7895	09/12/21 11:00:00	8.81	21.20					8.771905771	98.21571717			-0.04	-0.43	Excellent
7896	09/12/21 11:30:00	8.78	21.16					8.743663877	97.82318637			-0.04	-0.41	Excellent
7897	09/12/21 12:00:00	8.82	21.16					8.785134143	98.28715131			-0.03	-0.40	Excellent
7898	09/12/21 12:30:00	8.83	21.14					8.796732273	98.37852438			-0.03	-0.38	Excellent
7899	09/12/21 13:00:00	8.83	21.12					8.798369934	98.35844947			-0.03	-0.36	Excellent
7900	09/12/21 13:30:00	8.81	21.12					8.780075528	98.15393324			-0.03	-0.34	Excellent
7901	09/12/21 14:00:00	8.82	21.14					8.791677367	98.32199268			-0.03	-0.32	Excellent
7902	09/12/21 14:30:00	8.86	21.16					8.833192145	98.82481915			-0.03	-0.30	Excellent
7903	09/12/21 15:00:00	8.85	21.16					8.824863772	98.7316422			-0.03	-0.28	Excellent
7904	09/12/21 15:30:00	8.87	21.18					8.846452046	99.01177509			-0.02	-0.27	Excellent
7905	09/12/21 16:00:00	8.84	21.16					8.818171205	98.65676647			-0.02	-0.25	Excellent
7906	09/12/21 16:30:00	8.80	21.16					8.779902075	98.22861549			-0.02	-0.23	Excellent
7907	09/12/21 17:00:00	8.83	21.16					8.81147122	98.58180774			-0.02	-0.21	Excellent
7908	09/12/21 17:30:00	8.86	21.20					8.843051493	99.01230896			-0.02	-0.19	Excellent
7909	09/12/21 18:00:00	8.91	21.24					8.894608344	99.66721817			-0.02	-0.17	Excellent
7910	09/12/21 18:30:00	8.93	21.26					8.916230002	99.9484187			-0.01	-0.15	Excellent
7911	09/12/21 19:00:00	8.98	21.30					8.967818383	100.6050139			-0.01	-0.14	Excellent
7912	09/12/21 19:30:00	9.03	21.32					9.019425311	101.2233456			-0.01	-0.12	Excellent
7913	09/12/21 20:00:00	9.11	21.36					9.101021217	102.2185672			-0.01	-0.10	Excellent
7914	09/12/21 20:30:00	9.18	21.38					9.172654799	103.0631837			-0.01	-0.08	Excellent
7915	09/12/21 21:00:00	9.24	21.42					9.234320493	103.8367232			-0.01	-0.06	Excellent
7916	09/12/21 21:30:00	9.27	21.44					9.266021318	104.2336656			0.00	-0.04	Excellent
7917	09/12/21 22:00:00	9.29	21.46					9.287735709	104.5185069			0.00	-0.02	Excellent
7918	09/12/21 22:30:00	9.26	21.48					9.259460432	104.2407696			0.00	-0.01	Excellent
7919	09/12/21 23:00:00	9.35	21.50					9.35118929	105.3142902			0.00	0.01	Excellent
7920	09/12/21 23:30:00	9.33	21.52				8.570	9.33291714	105.1492896		8.360	0.00	0.03	Excellent
7921	09/13/21 00:00:00	9.31	21.54	9.24	9.45	9.33750		9.314637571	104.9840488	9.383		0.00	0.05	Excellent
7922	09/13/21 00:30:00	9.34	21.56					9.346384763	105.3827151			0.01	0.07	Excellent
7923	09/13/21 01:00:00	9.33	21.56					9.33810832	105.2893963			0.01	0.09	Excellent
7924	09/13/21 01:30:00	9.30	21.56					9.309807078	104.970293			0.01	0.11	Excellent
7925	09/13/21 02:00:00	9.33	21.58					9.341569107	105.3692475			0.01	0.12	Excellent
7926	09/13/21 02:30:00	9.28	21.58					9.293228228	104.8239813			0.01	0.14	Excellent
7927	09/13/21 03:00:00	9.29	21.60					9.304965458	104.9970459			0.01	0.16	Excellent
7928	09/13/21 03:30:00	9.26	21.60					9.276634541	104.6773604			0.02	0.18	Excellent
7929	09/13/21 04:00:00	9.35	21.60					9.368530318	105.7143105			0.02	0.20	Excellent
7930	09/13/21 04:30:00	9.34	21.62					9.360242748	105.6617118			0.02	0.22	Excellent
7931	09/13/21 05:00:00	9.24	21.62					9.261739718	104.549775			0.02	0.24	Excellent
7932	09/13/21 05:30:00	9.35	21.62					9.373732627	105.8139903			0.02	0.25	Excellent
7933	09/13/21 06:00:00	9.34	21.64					9.365439492	105.7613185			0.03	0.27	Excellent
7934	09/13/21 06:30:00	9.36	21.64					9.387229924	106.0073918			0.03	0.29	Excellent
7935	09/13/21 07:00:00	9.38	21.64					9.409027775	106.2535489			0.03	0.31	Excellent
7936	09/13/21 07:30:00	9.30	21.64					9.330505032	105.3668133			0.03	0.33	Excellent
7937	09/13/21 08:00:00	9.26	21.64					9.292091239	104.933017			0.03	0.35	Excellent
7938	09/13/21 08:30:00	9.25	21.64					9.283772139	104.8390717			0.03	0.37	Excellent
7939	09/13/21 09:00:00	9.25	21.64					9.285487696	104.858445			0.04	0.38	Excellent
7940	09/13/21 09:30:00	9.34	21.64					9.377565229	105.8982511			0.04	0.40	Excellent
7941	09/13/21 10:00:00	9.30	21.64					9.33912918	105.4642034			0.04	0.42	Excellent
7942	09/13/21 10:30:00	9.32	21.64					9.360941868	105.7105281			0.04	0.44	Excellent
7943	09/13/21 11:00:00	9.29	21.64					9.332533055	105.3897152			0.04	0.46	Excellent
7944	09/13/21 11:30:00	9.32	21.64					9.364398945	105.7495679			0.04	0.48	Excellent
7945	09/13/21 12:00:00	9.26	21.64					9.305830526	105.0881709			0.05	0.49	Excellent
7946	09/13/21 12:30:00	9.24	21.64					9.287445242	104.880551			0.05	0.51	Excellent
7947	09/13/21 13:00:00	9.32	21.68					9.369584562	105.8900615			0.05	0.53	Excellent
7948	09/13/21 13:30:00	9.30	21.72					9.351202987	105.7641087			0.05	0.55	Excellent
7949	09/13/21 14:00:00	9.28	21.74					9.332813993	105.5969426			0.05	0.57	Excellent
7950	09/13/21 14:30:00	9.40	21.76					9.455240308	107.0235019			0.06	0.59	Excellent
7951	09/13/21 15:00:00	9.40	21.80					9.456983684	107.1259721			0.06	0.61	Excellent
7952	09/13/21 15:30:00	9.36	21.82					9.418477158	106.7309863			0.06	0.62	Excellent
7953	09/13/21 16:00:00	9.45	21.84					9.510792088	107.818719			0.06	0.64	Excellent
7954	09/13/21 16:30:00	9.40	21.84					9.462213813	107.2680133			0.06	0.66	Excellent
7955	09/13/21 17:00:00	9.39	21.84					9.453889149	107.1736411			0.06	0.68	Excellent
7956	09/13/21 17:30:00	9.39	21.86					9.455630671	107.2347577			0.07	0.70	Excellent
7957	09/13/21 18:00:00	9.40	21.88					9.467443941	107.410159			0.07	0.72	Excellent
7958	09/13/21 18:30:00	9.42	21.92					9.489334524	107.7415714			0.07	0.74	Excellent
7959	09/13/21 19:00:00	9.41	21.96					9.481006151	107.7300106			0.07	0.75	Excellent
7960	09/13/21 19:30:00	9.44	22.00					9.51298332	108.1766505			0.07	0.77	Excellent
7961	09/13/21 20:00:00	9.42	22.02					9.49457578	108.0089001			0.07	0.79	Excellent
7962	09/13/21 20:30:00	9.43	22.02					9.506403888	108.1434549			0.08	0.81	Excellent
7963	09/13/21 21:00:00	9.42	22.04					9.498069951	108.0902383			0.08	0.83	Excellent
7964	09/13/21 21:30:00	9.39	22.04					9.469562842	107.7658208			0.08	0.85	Excellent
7965	09/13/21 22:00:00	9.39	22.04					9.471304363	107.7856397			0.08	0.87	Excellent
7966	09/13/21 22:30:00	9.33	22.06					9.41251524	107.1578235			0.08	0.88	Excellent
7967	09/13/21 23:00:00	9.27	22.06					9.353703861	106.4882788			0.08	0.90	Excellent
7968	09/13/21 23:30:00	9.26	22.08				8.686	9.345330976	106.4338835		8.514	0.09	0.92	Excellent
7969	09/14/21 00:00:00	9.05	22.08	9.05	10.09	9.47583		9.135074288	104.0392721	9.532		0.09	0.94	Excellent
7970	09/14/21 00:30:00	9.21	22.08					9.298286501	105.8980944			0.09	0.96	Excellent
7971	09/14/21 01:00:00	9.19	22.08					9.279799211	105.6875428			0.09	0.98	Excellent
7972	09/14/21 01:30:00	9.08	22.08					9.170408383	104.4416918			0.09	1.00	Excellent
7973	09/14/21 02:00:00	9.10	22.10					9.192295257	104.7312208			0.09	1.01	Excellent
7974	09/14/21 02:30:00	9.17	22.10					9.26470594	105.5562225			0.09	1.03	Excellent
7975	09/14/21 03:00:00	9.19	22.12					9.286616924	105.8465383			0.10	1.05	Excellent
7976	09/14/21 03:30:00	9.21	22.12					9.308535327	106.0963588			0.10	1.07	Excellent
7977	09/14/21 04:00:00	9.23	22.14					9.330461149	106.387135			0.10	1.09	Excellent
7978	09/14/21 04:30:00	9.23	22.14					9.332172996	106.4066537			0.10	1.11	Excellent
7979	09/14/21 05:00:00	9.23	22.14					9.333884842	106.4261724			0.10	1.13	Excellent
7980	09/14/21 05:30:00	9.32	22.16					9.426626343	107.5249188			0.11	1.14	Excellent
7981	09/14/21 06:00:00	9.25	22.16					9.357541057	106.7368967			0.11	1.16	Excellent
7982	09/14/21 06:30:00	9.32	22.18					9.430083421	107.605666			0.11	1.18	Excellent
7983	09/14/21 07:00:00	9.30	22.18					9.41157202	107.3944344			0.11	1.20	Excellent
7984	09/14/21 07:30:00	9.30	22.20					9.413296849	107.4553601			0.11	1.22	Excellent
7985	09/14/21 08:00:00	9.36	22.22					9.475763754	108.2099576			0.12	1.24	Excellent
7986	09/14/21 08:30:00	9.36	22.22					9.477499711	108.2297816			0.12	1.26	Excellent
7987	09/14/21 09:00:00	9.42	22.24					9.54	108.9853189			0.12	1.27	Excellent
7988	09/14/21 09:30:00	9.58	22.36					9.60	110.003025			0.02	0.21	Excellent
7989	09/14/21 10:00:00	9.63	22.28					9.650466546	110.4119517			0.02	0.21	Excellent
7990	09/14/21 10:30:00	9.65	22.30					9.670871966	110.6878345			0.02	0.22	Excellent
7991	09/14/21 11:00:00	9.64	22.32					9.661212874	110.6196649			0.02	0.22	Excellent
7992	09/14/21 11:30:00	9.64	22.36					9.661575412	110.708596			0.02	0.22	Excellent
7993	09/14/21 12:00:00	9.62	22.36					9.641892436	110.4830557			0.02	0.23	Excellent
7994	09/14/21 12:30:00	9.61	22.38					9.632231088	110.414616			0.02	0.23	Excellent
7995	09/14/21 13:00:00	9.60	22.40					9.622568988	110.3460862			0.02	0.24	Excellent

7996	09/14/21 13:30:00	9.69	22.46					9.713144991	111.5126539			0.02	0.24	Excellent
7997	09/14/21 14:00:00	9.69	22.46					9.713509409	111.5168377			0.02	0.24	Excellent
7998	09/14/21 14:30:00	9.70	22.50					9.723898465	111.7214843			0.02	0.25	Excellent
7999	09/14/21 15:00:00	9.65	22.48					9.674138191	111.1072997			0.02	0.25	Excellent
8000	09/14/21 15:30:00	9.62	22.50					9.644424935	110.8083834			0.02	0.25	Excellent
8001	09/14/21 16:00:00	9.62	22.48					9.644786721	110.7701986			0.02	0.26	Excellent
8002	09/14/21 16:30:00	9.63	22.48					9.655174649	110.8895038			0.03	0.26	Excellent
8003	09/14/21 17:00:00	9.82	22.56					9.846040652	113.2545167			0.03	0.27	Excellent
8004	09/14/21 17:30:00	9.94	22.64					9.966732688	114.8178777			0.03	0.27	Excellent
8005	09/14/21 18:00:00	10.09	22.70					10.11751556	116.6882586			0.03	0.27	Excellent
8006	09/14/21 18:30:00	9.96	22.72					9.98753562	115.2330464			0.03	0.28	Excellent
8007	09/14/21 19:00:00	9.81	22.66					9.837489859	113.3722006			0.03	0.28	Excellent
8008	09/14/21 19:30:00	9.57	22.58					9.597177229	110.4341			0.03	0.28	Excellent
8009	09/14/21 20:00:00	9.46	22.56					9.487220616	109.1271734			0.03	0.29	Excellent
8010	09/14/21 20:30:00	9.45	22.56					9.477547233	109.0159049			0.03	0.29	Excellent
8011	09/14/21 21:00:00	9.45	22.58					9.477902626	109.0616148			0.03	0.30	Excellent
8012	09/14/21 21:30:00	9.43	22.60					9.458198213	108.8764162			0.03	0.30	Excellent
8013	09/14/21 22:00:00	9.41	22.62					9.438492296	108.6910304			0.03	0.30	Excellent
8014	09/14/21 22:30:00	9.44	22.64					9.468938148	109.0832288			0.03	0.31	Excellent
8015	09/14/21 23:00:00	9.46	22.66					9.489355226	109.3601213			0.03	0.31	Excellent
8016	09/14/21 23:30:00	9.46	22.68				8.813	9.489710995	109.4059117		8.694	0.03	0.31	Excellent
8017	09/15/21 00:00:00	9.43	22.70	9.05	9.74	9.30667		9.459971414	109.1046101	9.344		0.03	0.32	Excellent
8018	09/15/21 00:30:00	9.45	22.72					9.480390372	109.3817639			0.03	0.32	Excellent
8019	09/15/21 01:00:00	9.47	22.74					9.500810835	109.6591179			0.03	0.33	Excellent
8020	09/15/21 01:30:00	9.41	22.74					9.440969512	108.9684245			0.03	0.33	Excellent
8021	09/15/21 02:00:00	9.39	22.74					9.421256825	108.7408991			0.03	0.33	Excellent
8022	09/15/21 02:30:00	9.33	22.74					9.361407981	108.050119			0.03	0.34	Excellent
8023	09/15/21 03:00:00	9.31	22.74					9.341690781	107.8225415			0.03	0.34	Excellent
8024	09/15/21 03:30:00	9.27	22.76					9.301903246	107.4041888			0.03	0.34	Excellent
8025	09/15/21 04:00:00	9.22	22.76					9.252077911	106.8288818			0.03	0.35	Excellent
8026	09/15/21 04:30:00	9.19	22.78					9.22231915	106.5258048			0.03	0.35	Excellent
8027	09/15/21 05:00:00	9.14	22.78					9.172487046	105.9502007			0.03	0.36	Excellent
8028	09/15/21 05:30:00	9.15	22.80					9.1828667	106.1104562			0.03	0.36	Excellent
8029	09/15/21 06:00:00	9.11	22.80					9.143065626	105.6505443			0.03	0.36	Excellent
8030	09/15/21 06:30:00	9.13	22.82					9.163481576	105.9267355			0.03	0.37	Excellent
8031	09/15/21 07:00:00	9.11	22.84					9.143750837	105.7388509			0.03	0.37	Excellent
8032	09/15/21 07:30:00	9.12	22.84					9.154130867	105.8588861			0.03	0.37	Excellent
8033	09/15/21 08:00:00	9.13	22.86					9.164511649	106.0192206			0.03	0.38	Excellent
8034	09/15/21 08:30:00	9.10	22.88					9.134740478	105.714977			0.03	0.38	Excellent
8035	09/15/21 09:00:00	9.15	22.90					9.18527547	106.340199			0.04	0.39	Excellent
8036	09/15/21 09:30:00	9.15	22.92					9.18561958	106.3845757			0.04	0.39	Excellent
8037	09/15/21 10:00:00	9.19	22.94					9.226120909	106.894222			0.04	0.39	Excellent
8038	09/15/21 10:30:00	9.17	22.96					9.206387162	106.7060766			0.04	0.40	Excellent
8039	09/15/21 11:00:00	9.12	22.98					9.15653174	106.168505			0.04	0.40	Excellent
8040	09/15/21 11:30:00	9.15	23.04					9.18699602	106.6429786			0.04	0.40	Excellent
8041	09/15/21 12:00:00	9.29	23.10					9.327911455	108.4018644			0.04	0.41	Excellent
8042	09/15/21 12:30:00	9.27	23.12					9.30817846	108.2135071			0.04	0.41	Excellent
8043	09/15/21 13:00:00	9.30	23.16					9.338651766	108.6499858			0.04	0.42	Excellent
8044	09/15/21 13:30:00	9.43	23.22					9.4695467	110.2979391			0.04	0.42	Excellent
8045	09/15/21 14:00:00	9.47	23.22					9.510070593	110.7699471			0.04	0.42	Excellent
8046	09/15/21 14:30:00	9.46	23.22					9.500384048	110.6571216			0.04	0.43	Excellent
8047	09/15/21 15:00:00	9.59	23.26					9.631299666	112.2667977			0.04	0.43	Excellent
8048	09/15/21 15:30:00	9.74	23.30					9.782311945	114.1132262			0.04	0.43	Excellent
8049	09/15/21 16:00:00	9.64	23.26					9.682240069	112.8605822			0.04	0.44	Excellent
8050	09/15/21 16:30:00	9.67	23.26					9.712735187	113.2160471			0.04	0.44	Excellent
8051	09/15/21 17:00:00	9.53	23.24					9.572474878	111.5389581			0.04	0.45	Excellent
8052	09/15/21 17:30:00	9.66	23.30					9.703417574	113.1929027			0.04	0.45	Excellent
8053	09/15/21 18:00:00	9.61	23.30					9.653554254	112.6112341			0.04	0.45	Excellent
8054	09/15/21 18:30:00	9.60	23.32					9.643869966	112.5407402			0.04	0.46	Excellent
8055	09/15/21 19:00:00	9.35	23.22					9.393079151	109.407272			0.04	0.46	Excellent
8056	09/15/21 19:30:00	9.35	23.26					9.393430782	109.4940901			0.04	0.46	Excellent
8057	09/15/21 20:00:00	9.30	23.28					9.343548283	108.9537836			0.04	0.47	Excellent
8058	09/15/21 20:30:00	9.26	23.32					9.303709226	108.571178			0.04	0.47	Excellent
8059	09/15/21 21:00:00	9.21	23.32					9.253819582	107.9889825			0.04	0.48	Excellent
8060	09/15/21 21:30:00	9.17	23.34					9.213974131	107.5645851			0.04	0.48	Excellent
8061	09/15/21 22:00:00	9.17	23.36					9.214318993	107.6092014			0.04	0.48	Excellent
8062	09/15/21 22:30:00	9.05	23.36					9.094079377	106.204986			0.04	0.49	Excellent
8063	09/15/21 23:00:00	9.11	23.40					9.154714222	106.993774			0.04	0.49	Excellent
8064	09/15/21 23:30:00	9.10	23.42				8.921	9.145007369	106.920622		8.856	0.05	0.49	Excellent
8065	09/16/21 00:00:00	9.05	23.44	8.10	9.08	8.73354		9.095100425	106.3772035	8.785		0.05	0.50	Excellent
8066	09/16/21 00:30:00	9.02	23.46					9.065290142	106.0684894			0.05	0.50	Excellent
8067	09/16/21 01:00:00	9.00	23.48					9.045528189	105.8771307			0.05	0.51	Excellent
8068	09/16/21 01:30:00	8.92	23.50					8.965458955	104.9794435			0.05	0.51	Excellent
8069	09/16/21 02:00:00	8.94	23.50					8.985897093	105.2187603			0.05	0.51	Excellent
8070	09/16/21 02:30:00	8.81	23.52					8.855561009	103.7316483			0.05	0.52	Excellent
8071	09/16/21 03:00:00	8.89	23.54					8.936309062	104.7169034			0.05	0.52	Excellent
8072	09/16/21 03:30:00	8.85	23.56					8.896433525	104.288858			0.05	0.52	Excellent
8073	09/16/21 04:00:00	8.85	23.58					8.896766353	104.3319859			0.05	0.53	Excellent
8074	09/16/21 04:30:00	8.77	23.60					8.816673425	103.4316159			0.05	0.53	Excellent
8075	09/16/21 05:00:00	8.77	23.62					8.817003245	103.474366			0.05	0.54	Excellent
8076	09/16/21 05:30:00	8.74	23.64					8.787171149	103.1630157			0.05	0.54	Excellent
8077	09/16/21 06:00:00	8.75	23.66					8.797554188	103.3237159			0.05	0.54	Excellent
8078	09/16/21 06:30:00	8.76	23.66					8.807937978	103.4456693			0.05	0.55	Excellent
8079	09/16/21 07:00:00	8.66	23.68					8.707716423	102.3070159			0.05	0.55	Excellent
8080	09/16/21 07:30:00	8.63	23.68					8.677875678	101.9564168			0.05	0.55	Excellent
8081	09/16/21 08:00:00	8.68	23.68					8.728479492	102.5509613			0.05	0.56	Excellent
8082	09/16/21 08:30:00	8.62	23.68					8.668468558	101.8458925			0.05	0.56	Excellent
8083	09/16/21 09:00:00	8.66	23.68					8.709019153	102.3223217			0.05	0.57	Excellent
8084	09/16/21 09:30:00	8.65	23.68					8.699287855	102.2079886			0.05	0.57	Excellent
8085	09/16/21 10:00:00	8.61	23.70					8.659383736	101.777353			0.05	0.57	Excellent
8086	09/16/21 10:30:00	8.70	23.70					8.750227129	102.8450733			0.05	0.58	Excellent
8087	09/16/21 11:00:00	8.61	23.72					8.66003134	101.8231686			0.05	0.58	Excellent
8088	09/16/21 11:30:00	8.63	23.70					8.680472111	102.0252135			0.05	0.58	Excellent
8089	09/16/21 12:00:00	8.68	23.72					8.731090968	102.6586756			0.05	0.59	Excellent
8090	09/16/21 12:30:00	8.71	23.70					8.761595112	102.978686			0.05	0.59	Excellent
8091	09/16/21 13:00:00	8.63	23.66					8.681445773	101.9600695			0.05	0.60	Excellent
8092	09/16/21 13:30:00	8.54	23.64					8.591230428	100.8626354			0.05	0.60	Excellent
8093	09/16/21 14:00:00	8.58	23.62					8.631793057	101.3007809			0.05	0.60	Excellent
8094	09/16/21 14:30:00	8.51	23.60					8.561690544	100.4403186			0.05	0.61	Excellent
8095	09/16/21 15:00:00	8.66	23.64					8.712927341	102.2913796			0.05	0.61	Excellent
8096	09/16/21 15:30:00	8.66	23.64					8.713253023	102.2952032			0.05	0.61	Excellent
8097	09/16/21 16:00:00	8.70	23.66					8.753826182	102.8101481			0.05	0.62	Excellent
8098	09/16/21 16:30:00	8.70	23.68					8.754153369	102.8526039			0.05	0.62	Excellent
8099	09/16/21 17:00:00	8.81	23.72					8.86516939	104.2351468			0.06	0.63	Excellent
8100	09/16/21 17:30:00	8.89	23.78					8.946004693	105.3040107			0.06	0.63	Excellent
8101	09/16/21 18:00:00	8.86	23.82					8.916148904	105.0312728			0.06	0.63	Excellent
8102	09/16/21 18:30:00	8.90	23.88					8.956737106	105.6280038			0.06	0.64	Excellent
8103	09/16/21 19:00:00	8.99	23.94					9.047648945	106.8199788			0.06	0.64	Excellent
8104	09/16/21 19:30:00	8.99	24.00					9.047987038	106.9438436			0.06	0.65	Excellent
8105	09/16/21 20:00:00	9.03	24.06					9.088584642	107.5441326			0.06	0.65	Excellent
8106	09/16/21 20:30:00	9.08	24.10					9.139250508	108.2244135			0.06	0.65	Excellent
8107	09/16/21 21:00:00	9.03	24.14					9.089263836	107.7128147			0.06	0.66	Excellent
8108	09/16/21 21:30:00	8.69	24.16					8.747359229	103.699714			0.06	0.66	Excellent
8109	09/16/21 22:00:00	8.32	24.16					8.375229902	99.28813064			0.06	0.66	Excellent
8110	09/16/21 22:30:00	8.35	24.18					8.405743072	99.68701524			0.06	0.67	Excellent
8111	09/16/21 23:00:00	8.10	24.18					8.15437874	96.7059867			0.05	0.67	Excellent

8112	09/16/21 23:30:00	8.23	24.18				8.939	8.285560996	98.2617287		8.919	0.06	0.68	Excellent
8113	09/17/21 00:00:00	7.53	24.16	6.57	8.72	8.16125		7.581118459	89.87396033	8.224		0.05	0.68	Excellent
8114	09/17/21 00:30:00	7.33	24.16					7.380036395	87.49013774			0.05	0.68	Excellent
8115	09/17/21 01:00:00	7.11	24.16					7.158802011	84.86740992			0.05	0.69	Excellent
8116	09/17/21 01:30:00	7.99	24.16					8.045142689	95.37495539			0.06	0.69	Excellent
8117	09/17/21 02:00:00	7.82	24.16					7.874263532	93.34918748			0.05	0.69	Excellent
8118	09/17/21 02:30:00	7.66	24.16					7.713441356	91.44264479			0.05	0.70	Excellent
8119	09/17/21 03:00:00	7.28	24.16					7.331064002	86.9095713			0.05	0.70	Excellent
8120	09/17/21 03:30:00	7.10	24.16					7.150068445	84.76387372			0.05	0.71	Excellent
8121	09/17/21 04:00:00	6.57	24.16					6.616578023	78.43935878			0.05	0.71	Excellent
8122	09/17/21 04:30:00	6.81	24.16					6.858535612	81.30775964			0.05	0.71	Excellent
8123	09/17/21 05:00:00	7.93	24.18					7.986816203	94.71879662			0.06	0.72	Excellent
8124	09/17/21 05:30:00	7.23	24.18					7.282072804	86.3609673			0.05	0.72	Excellent
8125	09/17/21 06:00:00	7.50	24.20					7.554299489	89.62280198			0.05	0.72	Excellent
8126	09/17/21 06:30:00	8.54	24.22					8.602150188	102.0923336			0.06	0.73	Excellent
8127	09/17/21 07:00:00	8.62	24.22					8.683056569	103.0525494			0.06	0.73	Excellent
8128	09/17/21 07:30:00	8.72	24.24					8.784116023	104.2907804			0.06	0.74	Excellent
8129	09/17/21 08:00:00	8.69	24.26					8.754222251	103.9745666			0.06	0.74	Excellent
8130	09/17/21 08:30:00	8.60	24.26					8.663880544	102.9015712			0.06	0.74	Excellent
8131	09/17/21 09:00:00	8.57	24.26					8.633980002	102.5464402			0.06	0.75	Excellent
8132	09/17/21 09:30:00	8.50	24.26					8.563777077	101.7126347			0.06	0.75	Excellent
8133	09/17/21 10:00:00	8.59	24.28					8.654775413	102.831697			0.06	0.75	Excellent
8134	09/17/21 10:30:00	8.59	24.30					8.655098463	102.873808			0.07	0.76	Excellent
8135	09/17/21 11:00:00	8.63	24.32					8.695726153	103.395161			0.07	0.76	Excellent
8136	09/17/21 11:30:00	8.64	24.34					8.706127244	103.5573382			0.07	0.77	Excellent
8137	09/17/21 12:00:00	8.59	24.36					8.656067613	103.0001771			0.07	0.77	Excellent
8138	09/17/21 12:30:00	8.63	24.36					8.696699816	103.4836673			0.07	0.77	Excellent
8139	09/17/21 13:00:00	8.63	24.38					8.69702437	103.526			0.07	0.78	Excellent
8140	09/17/21 13:30:00	8.56	24.36					8.626802641	102.6519477			0.07	0.78	Excellent
8141	09/17/21 14:00:00	8.56	24.34					8.627124562	102.6176199			0.07	0.78	Excellent
8142	09/17/21 14:30:00	8.62	24.34					8.687919239	103.3407583			0.07	0.79	Excellent
8143	09/17/21 15:00:00	8.60	24.36					8.66808508	103.1431752			0.07	0.79	Excellent
8144	09/17/21 15:30:00	8.56	24.36					8.628090327	102.6672701			0.07	0.80	Excellent
8145	09/17/21 16:00:00	8.47	24.34					8.537692961	101.553852			0.07	0.80	Excellent
8146	09/17/21 16:30:00	8.44	24.34					8.507770607	101.1979326			0.07	0.80	Excellent
8147	09/17/21 17:00:00	8.36	24.32					8.427442631	100.2051781			0.07	0.81	Excellent
8148	09/17/21 17:30:00	8.31	24.30					8.377351786	99.57253326			0.07	0.81	Excellent
8149	09/17/21 18:00:00	8.27	24.30					8.337338605	99.09693979			0.07	0.81	Excellent
8150	09/17/21 18:30:00	8.24	24.30					8.307404217	98.74114205			0.07	0.82	Excellent
8151	09/17/21 19:00:00	8.27	24.32					8.337960636	99.14120655			0.07	0.82	Excellent
8152	09/17/21 19:30:00	8.29	24.34					8.358436758	99.4216416			0.07	0.83	Excellent
8153	09/17/21 20:00:00	8.35	24.40					8.419246102	100.2566805			0.07	0.83	Excellent
8154	09/17/21 20:30:00	8.33	24.44					8.399393515	100.0945989			0.07	0.83	Excellent
8155	09/17/21 21:00:00	8.30	24.48					8.369455742	99.81190495			0.07	0.84	Excellent
8156	09/17/21 21:30:00	8.30	24.52					8.369767885	99.88971351			0.07	0.84	Excellent
8157	09/17/21 22:00:00	8.30	24.54					8.370080029	99.9304878			0.07	0.84	Excellent
8158	09/17/21 22:30:00	8.25	24.58					8.319968123	99.40586464			0.07	0.85	Excellent
8159	09/17/21 23:00:00	8.02	24.60					8.08831911	96.67396396			0.07	0.85	Excellent
8160	09/17/21 23:30:00	7.94	24.60				8.897	8.007936228	95.71320416		8.913	0.07	0.86	Excellent
8161	09/18/21 00:00:00	8.08	24.62	7.38	8.17	7.70542		8.149437966	97.44055876	7.778		0.07	0.86	Excellent
8162	09/18/21 00:30:00	8.06	24.64					8.129569207	97.23899286			0.07	0.86	Excellent
8163	09/18/21 01:00:00	8.17	24.64					8.240825917	98.56975101			0.07	0.87	Excellent
8164	09/18/21 01:30:00	7.89	24.66					7.958695315	95.23039027			0.07	0.87	Excellent
8165	09/18/21 02:00:00	7.51	24.68					7.575669229	90.68081383			0.07	0.87	Excellent
8166	09/18/21 02:30:00	7.70	24.66					7.767620214	92.94406621			0.07	0.88	Excellent
8167	09/18/21 03:00:00	7.71	24.66					7.777997987	93.06824227			0.07	0.88	Excellent
8168	09/18/21 03:30:00	7.87	24.68					7.939705072	95.03832542			0.07	0.89	Excellent
8169	09/18/21 04:00:00	7.92	24.70					7.990445778	95.68108408			0.07	0.89	Excellent
8170	09/18/21 04:30:00	8.02	24.70					8.091636858	96.89279023			0.07	0.89	Excellent
8171	09/18/21 05:00:00	7.93	24.70					8.001131182	95.80903577			0.07	0.90	Excellent
8172	09/18/21 05:30:00	7.91	24.72					7.981249261	95.60631524			0.07	0.90	Excellent
8173	09/18/21 06:00:00	7.85	24.72					7.921004031	94.88464571			0.07	0.90	Excellent
8174	09/18/21 06:30:00	7.81	24.72					7.880935943	94.40467546			0.07	0.91	Excellent
8175	09/18/21 07:00:00	7.78	24.72					7.85095605	94.04555033			0.07	0.91	Excellent
8176	09/18/21 07:30:00	7.77	24.72					7.841157058	93.92816952			0.07	0.92	Excellent
8177	09/18/21 08:00:00	7.70	24.72					7.770805582	93.08543862			0.07	0.92	Excellent
8178	09/18/21 08:30:00	7.70	24.72					7.771095161	93.08890745			0.07	0.92	Excellent
8179	09/18/21 09:00:00	7.68	24.74					7.751199325	92.88491598			0.07	0.93	Excellent
8180	09/18/21 09:30:00	7.67	24.74					7.741395069	92.76742867			0.07	0.93	Excellent
8181	09/18/21 10:00:00	7.70	24.74					7.771963898	93.133744			0.07	0.93	Excellent
8182	09/18/21 10:30:00	7.76	24.74					7.832816491	93.86295864			0.07	0.94	Excellent
8183	09/18/21 11:00:00	7.66	24.74					7.732166209	92.65683651			0.07	0.94	Excellent
8184	09/18/21 11:30:00	7.79	24.70					7.863683926	94.16318236			0.07	0.95	Excellent
8185	09/18/21 12:00:00	7.80	24.68					7.874071853	94.25269533			0.07	0.95	Excellent
8186	09/18/21 12:30:00	7.80	24.64					7.874365193	94.18645949			0.07	0.95	Excellent
8187	09/18/21 13:00:00	7.76	24.64					7.834275668	93.70694269			0.07	0.96	Excellent
8188	09/18/21 13:30:00	7.76	24.64					7.834567504	93.71043338			0.07	0.96	Excellent
8189	09/18/21 14:00:00	7.79	24.66					7.865148744	94.11105146			0.08	0.96	Excellent
8190	09/18/21 14:30:00	7.77	24.68					7.845248019	93.90767383			0.08	0.97	Excellent
8191	09/18/21 15:00:00	7.72	24.70					7.795054129	93.34137922			0.08	0.97	Excellent
8192	09/18/21 15:30:00	7.69	24.70					7.76505167	92.9821167			0.08	0.98	Excellent
8193	09/18/21 16:00:00	7.67	24.70					7.745144928	92.74374468			0.08	0.98	Excellent
8194	09/18/21 16:30:00	7.61	24.70					7.684843287	92.02166652			0.07	0.98	Excellent
8195	09/18/21 17:00:00	7.53	24.70					7.604339684	91.05768126			0.07	0.99	Excellent
8196	09/18/21 17:30:00	7.55	24.72					7.624821071	91.33670973			0.07	0.99	Excellent
8197	09/18/21 18:00:00	7.55	24.76					7.625105009	91.40767276			0.08	0.99	Excellent
8198	09/18/21 18:30:00	7.62	24.78					7.696087917	92.29269606			0.08	1.00	Excellent
8199	09/18/21 19:00:00	7.58	24.80					7.655973572	91.84556322			0.08	1.00	Excellent
8200	09/18/21 19:30:00	7.46	24.74					7.535051377	90.29475113			0.08	1.01	Excellent
8201	09/18/21 20:00:00	7.38	24.68					7.454524081	89.23070555			0.07	1.01	Excellent
8202	09/18/21 20:30:00	7.38	24.68					7.454801626	89.23402776			0.07	1.01	Excellent
8203	09/18/21 21:00:00	7.41	24.68					7.48538437	89.60010343			0.08	1.02	Excellent
8204	09/18/21 21:30:00	7.41	24.68					7.485663043	89.60343914			0.08	1.02	Excellent
8205	09/18/21 22:00:00	7.45	24.72					7.526351657	90.15715782			0.08	1.02	Excellent
8206	09/18/21 22:30:00	7.51	24.74					7.587249004	90.92025074			0.08	1.03	Excellent
8207	09/18/21 23:00:00	7.51	24.76					7.587531437	90.95725105			0.08	1.03	Excellent
8208	09/18/21 23:30:00	7.51	24.78				8.803	7.587813871	90.99425667		8.844	0.08	1.04	Excellent
8209	09/19/21 00:00:00	7.49	24.80	7.21	7.98	7.63354		7.567888325	90.78884078	7.720		0.08	1.04	Excellent
8210	09/19/21 00:30:00	7.51	24.80					7.588378738	91.03465582			0.08	1.04	Excellent
8211	09/19/21 01:00:00	7.49	24.80					7.568451687	90.79559921			0.08	1.05	Excellent
8212	09/19/21 01:30:00	7.38	24.80					7.457577071	89.46548208			0.08	1.05	Excellent
8213	09/19/21 02:00:00	7.21	24.80					7.286061216	87.40787698			0.08	1.05	Excellent
8214	09/19/21 02:30:00	7.41	24.80					7.48844977	89.83584914			0.08	1.06	Excellent
8215	09/19/21 03:00:00	7.45	24.80					7.529153428	90.32415417			0.08	1.06	Excellent
8216	09/19/21 03:30:00	7.45	24.78					7.529433605	90.29415134			0.08	1.07	Excellent
8217	09/19/21 04:00:00	7.46	24.78					7.53982078	90.41871598			0.08	1.07	Excellent
8218	09/19/21 04:30:00	7.40	24.78					7.479457087	89.69482508			0.08	1.07	Excellent
8219	09/19/21 05:00:00	7.43	24.76					7.510058635	90.0285283			0.08	1.08	Excellent
8220	09/19/21 05:30:00	7.40	24.76					7.48001368	89.6683576			0.08	1.08	Excellent
8221	09/19/21 06:00:00	7.44	24.74					7.520725988	90.12308575			0.08	1.09	Excellent
8222	09/19/21 06:30:00	7.44	24.74					7.521005789	90.12643869			0.08	1.09	Excellent
8223	09/19/21 07:00:00	7.49	24.72					7.571831864	90.70195911			0.08	1.09	Excellent
8224	09/19/21 07:30:00	7.52	24.70					7.602442438	91.0349628			0.08	1.10	Excellent
8225	09/19/21 08:00:00	7.53	24.70					7.612835254	91.15941092			0.08	1.10	Excellent
8226	09/19/21 08:30:00	7.56	24.70					7.643449589	91.52600032			0.08	1.10	Excellent
8227	09/19/21 09:00:00	7.57	24.70					7.653844662	91.65047546			0.08	1.11	Excellent

8228	09/19/21 09:30:00	7.48	24.72					7.563129135	90.5977103			0.08	1.11	Excellent
8229	09/19/21 10:00:00	7.52	24.72					7.603856486	91.08557777			0.08	1.12	Excellent
8230	09/19/21 10:30:00	7.66	24.74					7.745705718	92.81908446			0.09	1.12	Excellent
8231	09/19/21 11:00:00	7.51	24.74					7.594309841	91.00486285			0.08	1.12	Excellent
8232	09/19/21 11:30:00	7.66	24.74					7.746281868	92.82598863			0.09	1.13	Excellent
8233	09/19/21 12:00:00	7.67	24.74					7.756682958	92.95062797			0.09	1.13	Excellent
8234	09/19/21 12:30:00	7.67	24.74					7.756971409	92.95408456			0.09	1.13	Excellent
8235	09/19/21 13:00:00	7.73	24.72					7.817942466	93.65008503			0.09	1.14	Excellent
8236	09/19/21 13:30:00	7.79	24.74					7.878918036	94.4154071			0.09	1.14	Excellent
8237	09/19/21 14:00:00	7.86	24.74					7.950012639	95.26735477			0.09	1.15	Excellent
8238	09/19/21 14:30:00	7.83	24.74					7.919963547	94.90726761			0.09	1.15	Excellent
8239	09/19/21 15:00:00	7.85	24.74					7.940488559	95.1532249			0.09	1.15	Excellent
8240	09/19/21 15:30:00	7.94	24.72					8.031824613	96.21215061			0.09	1.16	Excellent
8241	09/19/21 16:00:00	7.96	24.72					8.052355266	96.45808455			0.09	1.16	Excellent
8242	09/19/21 16:30:00	7.97	24.70					8.062771023	96.54713813			0.09	1.16	Excellent
8243	09/19/21 17:00:00	7.98	24.68					8.073187532	96.63611141			0.09	1.17	Excellent
8244	09/19/21 17:30:00	7.94	24.68					8.033019032	96.15529417			0.09	1.17	Excellent
8245	09/19/21 18:00:00	7.95	24.66					8.043435165	96.24435155			0.09	1.18	Excellent
8246	09/19/21 18:30:00	7.89	24.66					7.983026718	95.52152957			0.09	1.18	Excellent
8247	09/19/21 19:00:00	7.90	24.64					7.993441724	95.61075168			0.09	1.18	Excellent
8248	09/19/21 19:30:00	7.82	24.64					7.91278957	94.64605921			0.09	1.19	Excellent
8249	09/19/21 20:00:00	7.79	24.62					7.882726564	94.25156485			0.09	1.19	Excellent
8250	09/19/21 20:30:00	7.76	24.62					7.852661301	93.89208288			0.09	1.19	Excellent
8251	09/19/21 21:00:00	7.72	24.62					7.812473996	93.41157448			0.09	1.20	Excellent
8252	09/19/21 21:30:00	7.71	24.62					7.802644166	93.29404194			0.09	1.20	Excellent
8253	09/19/21 22:00:00	7.48	24.62					7.570161767	90.51431468			0.09	1.21	Excellent
8254	09/19/21 22:30:00	7.62	24.62					7.712135858	92.21185932			0.09	1.21	Excellent
8255	09/19/21 23:00:00	7.47	24.60					7.560603089	90.36654719			0.09	1.21	Excellent
8256	09/19/21 23:30:00	7.65	24.60				8.622	7.743073994	92.54749301		8.681	0.09	1.22	Excellent
8257	09/20/21 00:00:00	7.51	24.56	7.35	8.06	7.73250		7.601653113	90.78987989	7.834		0.09	1.22	Excellent
8258	09/20/21 00:30:00	7.61	24.54					7.703159721	91.96811809			0.09	1.22	Excellent
8259	09/20/21 01:00:00	7.48	24.52					7.571849599	90.36688921			0.09	1.23	Excellent
8260	09/20/21 01:30:00	7.58	24.48					7.673362601	91.51048314			0.09	1.23	Excellent
8261	09/20/21 02:00:00	7.45	24.46					7.542041573	89.91100794			0.09	1.24	Excellent
8262	09/20/21 02:30:00	7.49	24.44					7.582817437	90.36355643			0.09	1.24	Excellent
8263	09/20/21 03:00:00	7.44	24.42					7.532477629	89.73033509			0.09	1.24	Excellent
8264	09/20/21 03:30:00	7.49	24.40					7.5833808	90.30316691			0.09	1.25	Excellent
8265	09/20/21 04:00:00	7.35	24.40					7.44191178	88.61854882			0.09	1.25	Excellent
8266	09/20/21 04:30:00	7.46	24.36					7.553567884	89.88132542			0.09	1.25	Excellent
8267	09/20/21 05:00:00	7.52	24.34					7.61460325	90.57391677			0.09	1.26	Excellent
8268	09/20/21 05:30:00	7.50	24.34					7.594633703	90.3363837			0.09	1.26	Excellent
8269	09/20/21 06:00:00	7.47	24.32					7.564536098	89.944924			0.09	1.27	Excellent
8270	09/20/21 06:30:00	7.47	24.30					7.564817027	89.9148101			0.09	1.27	Excellent
8271	09/20/21 07:00:00	7.54	24.30					7.635989102	90.76075569			0.10	1.27	Excellent
8272	09/20/21 07:30:00	7.61	24.30					7.707166441	91.60676386			0.10	1.28	Excellent
8273	09/20/21 08:00:00	7.64	24.30					7.737836812	91.97130943			0.10	1.28	Excellent
8274	09/20/21 08:30:00	7.63	24.30					7.727995699	91.85433875			0.10	1.28	Excellent
8275	09/20/21 09:00:00	7.67	24.30					7.768797889	92.33931032			0.10	1.29	Excellent
8276	09/20/21 09:30:00	7.68	24.30					7.779215527	92.46313352			0.10	1.29	Excellent
8277	09/20/21 10:00:00	7.72	24.32					7.820022605	92.98274605			0.10	1.30	Excellent
8278	09/20/21 10:30:00	7.73	24.32					7.830442876	93.10664663			0.10	1.30	Excellent
8279	09/20/21 11:00:00	7.77	24.34					7.871254843	93.62672717			0.10	1.30	Excellent
8280	09/20/21 11:30:00	7.79	24.34					7.891808437	93.87120735			0.10	1.31	Excellent
8281	09/20/21 12:00:00	7.82	24.36					7.922494603	94.27125386			0.10	1.31	Excellent
8282	09/20/21 12:30:00	7.91	24.38					8.013971685	95.39520617			0.10	1.31	Excellent
8283	09/20/21 13:00:00	8.00	24.42					8.105455536	96.55591123			0.11	1.32	Excellent
8284	09/20/21 13:30:00	8.00	24.44					8.105756397	96.59535941			0.11	1.32	Excellent
8285	09/20/21 14:00:00	8.05	24.46					8.156720116	97.23878079			0.11	1.33	Excellent
8286	09/20/21 14:30:00	8.06	24.48					8.167155806	97.39932967			0.11	1.33	Excellent
8287	09/20/21 15:00:00	8.06	24.48					8.167458923	97.40294457			0.11	1.33	Excellent
8288	09/20/21 15:30:00	8.05	24.46					8.157628341	97.24960802			0.11	1.34	Excellent
8289	09/20/21 16:00:00	8.03	24.46					8.137662931	97.01159419			0.11	1.34	Excellent
8290	09/20/21 16:30:00	8.01	24.42					8.117696017	96.70172546			0.11	1.34	Excellent
8291	09/20/21 17:00:00	7.96	24.40					8.067323114	96.06596911			0.11	1.35	Excellent
8292	09/20/21 17:30:00	7.96	24.38					8.067622471	96.0338443			0.11	1.35	Excellent
8293	09/20/21 18:00:00	7.90	24.34					8.007108347	95.24267268			0.11	1.36	Excellent
8294	09/20/21 18:30:00	7.90	24.32					8.007405447	95.21079219			0.11	1.36	Excellent
8295	09/20/21 19:00:00	7.84	24.30					7.946884554	94.45603417			0.11	1.36	Excellent
8296	09/20/21 19:30:00	7.87	24.30					7.977589523	94.82099098			0.11	1.37	Excellent
8297	09/20/21 20:00:00	7.85	24.30					7.957611326	94.58353173			0.11	1.37	Excellent
8298	09/20/21 20:30:00	7.84	24.30					7.947769086	94.46654765			0.11	1.37	Excellent
8299	09/20/21 21:00:00	7.82	24.30					7.927788257	94.22905711			0.11	1.38	Excellent
8300	09/20/21 21:30:00	7.80	24.30					7.907805923	93.99154869			0.11	1.38	Excellent
8301	09/20/21 22:00:00	7.74	24.30					7.84726773	93.27199657			0.11	1.39	Excellent
8302	09/20/21 22:30:00	7.71	24.28					7.817141919	92.87935631			0.11	1.39	Excellent
8303	09/20/21 23:00:00	7.70	24.26					7.807292533	92.72780997			0.11	1.39	Excellent
8304	09/20/21 23:30:00	7.68	24.24				8.393	7.787302678	92.45595927		8.460	0.11	1.40	Excellent
8305	09/21/21 00:00:00	7.68	24.24	6.84	7.76	7.59542		7.787591504	92.45938841	7.531		0.11	1.40	Excellent
8306	09/21/21 00:30:00	7.65	24.22					7.757458924	92.06733976			0.11	1.40	Excellent
8307	09/21/21 01:00:00	7.63	24.22					7.737464932	91.83004638			0.11	1.41	Excellent
8308	09/21/21 01:30:00	7.52	24.20					7.626198444	90.47579778			0.11	1.41	Excellent
8309	09/21/21 02:00:00	7.53	24.20					7.636622851	90.59947101			0.11	1.42	Excellent
8310	09/21/21 02:30:00	7.47	24.18					7.576054195	89.84740832			0.11	1.42	Excellent
8311	09/21/21 03:00:00	7.12	24.18					7.22135289	85.64086594			0.10	1.42	Excellent
8312	09/21/21 03:30:00	6.84	24.18					6.937624338	82.27601738			0.10	1.43	Excellent
8313	09/21/21 04:00:00	7.32	24.16					7.424750457	88.02022177			0.10	1.43	Excellent
8314	09/21/21 04:30:00	7.40	24.16					7.506173568	88.9854906			0.11	1.43	Excellent
8315	09/21/21 05:00:00	7.48	24.16					7.587602695	89.95083078			0.11	1.44	Excellent
8316	09/21/21 05:30:00	7.48	24.16					7.587884001	89.95416564			0.11	1.44	Excellent
8317	09/21/21 06:00:00	7.52	24.16					7.62874373	90.43855666			0.11	1.45	Excellent
8318	09/21/21 06:30:00	7.54	24.16					7.649316504	90.68244635			0.11	1.45	Excellent
8319	09/21/21 07:00:00	7.46	24.16					7.5684372	89.72362433			0.11	1.45	Excellent
8320	09/21/21 07:30:00	7.51	24.14					7.619446424	90.29466362			0.11	1.46	Excellent
8321	09/21/21 08:00:00	7.51	24.14					7.619728858	90.29801061			0.11	1.46	Excellent
8322	09/21/21 08:30:00	7.47	24.12					7.579425346	89.78689753			0.11	1.46	Excellent
8323	09/21/21 09:00:00	7.49	24.12					7.60	90.03062767			0.11	1.47	Excellent
8324	09/21/21 09:30:00	7.75	24.02					7.58	89.68792151			-0.17	-2.19	Excellent
8325	09/21/21 10:00:00	7.75	24.06					7.579376316	89.74755575			-0.17	-2.20	Excellent
8326	09/21/21 10:30:00	7.76	24.06					7.588531668	89.85596446			-0.17	-2.21	Excellent
8327	09/21/21 11:00:00	7.74	24.06					7.568350718	89.6170014			-0.17	-2.22	Excellent
8328	09/21/21 11:30:00	7.75	24.04					7.577505265	89.69190061			-0.17	-2.23	Excellent
8329	09/21/21 12:00:00	7.74	24.00					7.56710496	89.50189655			-0.17	-2.23	Excellent
8330	09/21/21 12:30:00	7.72	23.98					7.546930448	89.22992063			-0.17	-2.24	Excellent
8331	09/21/21 13:00:00	7.69	23.98					7.516984143	88.8758553			-0.17	-2.25	Excellent
8332	09/21/21 13:30:00	7.68	23.98					7.506591081	88.7529746			-0.17	-2.26	Excellent
8333	09/21/21 14:00:00	7.67	24.00					7.496199628	88.66324534			-0.17	-2.27	Excellent
8334	09/21/21 14:30:00	7.64	24.00					7.466264589	88.3091809			-0.17	-2.27	Excellent
8335	09/21/21 15:00:00	7.62	23.98					7.446106172	88.03784099			-0.17	-2.28	Excellent
8336	09/21/21 15:30:00	7.63	23.96					7.455263938	88.11316757			-0.17	-2.29	Excellent
8337	09/21/21 16:00:00	7.62	23.94					7.444879728	87.95753721			-0.18	-2.30	Excellent
8338	09/21/21 16:30:00	7.65	23.92					7.473574642	88.26352896			-0.18	-2.31	Excellent
8339	09/21/21 17:00:00	7.65	23.90					7.472959006	88.22323932			-0.18	-2.31	Excellent
8340	09/21/21 17:30:00	7.68	23.88					7.501646677	88.52877333			-0.18	-2.32	Excellent
8341	09/21/21 18:00:00	7.64	23.84					7.461960769	87.99450295			-0.18	-2.33	Excellent
8342	09/21/21 18:30:00	7.68	23.82					7.500410576	88.41478942			-0.18	-2.34	Excellent
8343	09/21/21 19:00:00	7.67	23.82					7.490027171	88.29238991			-0.18	-2.35	Excellent

8344	09/21/21 19:30:00	7.68	23.82					7.499174475	88.40021827			-0.18	-2.35	Excellent
8345	09/21/21 20:00:00	7.68	23.82					7.498556425	88.3929327			-0.18	-2.36	Excellent
8346	09/21/21 20:30:00	7.66	23.80					7.478412493	88.12244658			-0.18	-2.37	Excellent
8347	09/21/21 21:00:00	7.68	23.80					7.497320324	88.34524845			-0.18	-2.38	Excellent
8348	09/21/21 21:30:00	7.71	23.80					7.525986267	88.68303579			-0.18	-2.39	Excellent
8349	09/21/21 22:00:00	7.70	23.80					7.515605276	88.56071058			-0.18	-2.39	Excellent
8350	09/21/21 22:30:00	7.71	23.80					7.524745338	88.6684132			-0.19	-2.40	Excellent
8351	09/21/21 23:00:00	7.72	23.78					7.53388379	88.74282497			-0.19	-2.41	Excellent
8352	09/21/21 23:30:00	7.69	23.78				8.124	7.503988184	88.39067984		8.174	-0.19	-2.42	Excellent
8353	09/22/21 00:00:00	7.68	23.76	7.52	7.79	7.68229		7.493612022	88.23536602	7.481		-0.19	-2.43	Excellent
8354	09/22/21 00:30:00	7.67	23.76					7.483237469	88.11320831			-0.19	-2.43	Excellent
8355	09/22/21 01:00:00	7.64	23.76					7.45335313	87.76132785			-0.19	-2.44	Excellent
8356	09/22/21 01:30:00	7.64	23.74					7.452738298	87.72118019			-0.19	-2.45	Excellent
8357	09/22/21 02:00:00	7.62	23.74					7.43261529	87.48432577			-0.19	-2.46	Excellent
8358	09/22/21 02:30:00	7.61	23.74					7.422248785	87.3623086			-0.19	-2.47	Excellent
8359	09/22/21 03:00:00	7.59	23.74					7.40213141	87.12552048			-0.19	-2.48	Excellent
8360	09/22/21 03:30:00	7.59	23.74					7.401520602	87.11833107			-0.19	-2.48	Excellent
8361	09/22/21 04:00:00	7.56	23.74					7.371657187	86.76682885			-0.19	-2.49	Excellent
8362	09/22/21 04:30:00	7.60	23.76					7.410049052	87.2514334			-0.19	-2.50	Excellent
8363	09/22/21 05:00:00	7.57	23.76					7.38018966	86.8998467			-0.19	-2.51	Excellent
8364	09/22/21 05:30:00	7.56	23.76					7.369832007	86.77788798			-0.19	-2.52	Excellent
8365	09/22/21 06:00:00	7.52	23.76					7.330233012	86.31161994			-0.19	-2.52	Excellent
8366	09/22/21 06:30:00	7.55	23.76					7.358868374	86.64879401			-0.19	-2.53	Excellent
8367	09/22/21 07:00:00	7.58	23.76					7.387498908	86.98591123			-0.19	-2.54	Excellent
8368	09/22/21 07:30:00	7.58	23.76					7.386888905	86.9787286			-0.19	-2.55	Excellent
8369	09/22/21 08:00:00	7.60	23.76					7.405767765	87.20102235			-0.19	-2.56	Excellent
8370	09/22/21 08:30:00	7.63	23.76					7.434387032	87.5380069			-0.20	-2.56	Excellent
8371	09/22/21 09:00:00	7.64	23.76					7.443515827	87.64549613			-0.20	-2.57	Excellent
8372	09/22/21 09:30:00	7.65	23.76					7.452643013	87.75296641			-0.20	-2.58	Excellent
8373	09/22/21 10:00:00	7.67	23.74					7.471509801	87.94212695			-0.20	-2.59	Excellent
8374	09/22/21 10:30:00	7.68	23.74					7.480632963	88.04950957			-0.20	-2.60	Excellent
8375	09/22/21 11:00:00	7.70	23.74					7.499494118	88.27151157			-0.20	-2.60	Excellent
8376	09/22/21 11:30:00	7.74	23.72					7.53782965	88.68945218			-0.20	-2.61	Excellent
8377	09/22/21 12:00:00	7.77	23.70					7.566420751	88.99244787			-0.20	-2.62	Excellent
8378	09/22/21 12:30:00	7.76	23.66					7.556058269	88.80385969			-0.20	-2.63	Excellent
8379	09/22/21 13:00:00	7.76	23.62					7.555433781	88.72982673			-0.20	-2.64	Excellent
8380	09/22/21 13:30:00	7.79	23.60					7.584016029	89.0320233			-0.21	-2.64	Excellent
8381	09/22/21 14:00:00	7.79	23.56					7.583389126	88.95773974			-0.21	-2.65	Excellent
8382	09/22/21 14:30:00	7.78	23.54					7.573028254	88.80278817			-0.21	-2.66	Excellent
8383	09/22/21 15:00:00	7.79	23.52					7.582135321	88.87612963			-0.21	-2.67	Excellent
8384	09/22/21 15:30:00	7.78	23.50					7.571776058	88.72129927			-0.21	-2.68	Excellent
8385	09/22/21 16:00:00	7.76	23.50					7.55168685	88.48590658			-0.21	-2.68	Excellent
8386	09/22/21 16:30:00	7.77	23.48					7.560793112	88.5592578			-0.21	-2.69	Excellent
8387	09/22/21 17:00:00	7.74	23.46					7.530977982	88.17681838			-0.21	-2.70	Excellent
8388	09/22/21 17:30:00	7.74	23.44					7.530355103	88.13631477			-0.21	-2.71	Excellent
8389	09/22/21 18:00:00	7.74	23.42					7.529732224	88.09581932			-0.21	-2.72	Excellent
8390	09/22/21 18:30:00	7.73	23.40					7.519381813	87.94156546			-0.21	-2.72	Excellent
8391	09/22/21 19:00:00	7.73	23.36					7.518759739	87.86798986			-0.21	-2.73	Excellent
8392	09/22/21 19:30:00	7.70	23.36					7.488959899	87.51973401			-0.21	-2.74	Excellent
8393	09/22/21 20:00:00	7.71	23.34					7.498065356	87.59309004			-0.21	-2.75	Excellent
8394	09/22/21 20:30:00	7.73	23.32					7.516893517	87.77990711			-0.21	-2.76	Excellent
8395	09/22/21 21:00:00	7.71	23.32					7.496824427	87.54554662			-0.21	-2.76	Excellent
8396	09/22/21 21:30:00	7.71	23.32					7.496203962	87.53830103			-0.21	-2.77	Excellent
8397	09/22/21 22:00:00	7.71	23.30					7.495583498	87.49801679			-0.21	-2.78	Excellent
8398	09/22/21 22:30:00	7.74	23.28					7.524126313	87.79804317			-0.22	-2.79	Excellent
8399	09/22/21 23:00:00	7.72	23.28					7.504062857	87.56392533			-0.22	-2.80	Excellent
8400	09/22/21 23:30:00	7.72	23.26				7.892	7.503441588	87.52360785		7.908	-0.22	-2.81	Excellent
8401	09/23/21 00:00:00	7.68	23.26	7.51	7.96	7.78375		7.463945601	87.06290843	7.550		-0.22	-2.81	Excellent
8402	09/23/21 00:30:00	7.69	23.24					7.473045425	87.13612161			-0.22	-2.82	Excellent
8403	09/23/21 01:00:00	7.63	23.24					7.414124152	86.44909631			-0.22	-2.83	Excellent
8404	09/23/21 01:30:00	7.58	23.24					7.364928801	85.87547581			-0.22	-2.84	Excellent
8405	09/23/21 02:00:00	7.62	23.24					7.403180639	86.32149434			-0.22	-2.85	Excellent
8406	09/23/21 02:30:00	7.62	23.24					7.402567417	86.31434414			-0.22	-2.85	Excellent
8407	09/23/21 03:00:00	7.60	23.22					7.382526494	86.048136			-0.22	-2.86	Excellent
8408	09/23/21 03:30:00	7.63	23.22					7.411054019	86.38064282			-0.22	-2.87	Excellent
8409	09/23/21 04:00:00	7.51	23.22					7.293893099	85.01505628			-0.22	-2.88	Excellent
8410	09/23/21 04:30:00	7.63	23.22					7.409825966	86.36632906			-0.22	-2.89	Excellent
8411	09/23/21 05:00:00	7.61	23.22					7.389790676	86.13280475			-0.22	-2.89	Excellent
8412	09/23/21 05:30:00	7.60	23.22					7.379468432	86.0124923			-0.22	-2.90	Excellent
8413	09/23/21 06:00:00	7.61	23.22					7.388565841	86.11852852			-0.22	-2.91	Excellent
8414	09/23/21 06:30:00	7.65	23.22					7.426786294	86.56401269			-0.22	-2.92	Excellent
8415	09/23/21 07:00:00	7.70	23.22					7.474707721	87.12256801			-0.23	-2.93	Excellent
8416	09/23/21 07:30:00	7.67	23.22					7.444968237	86.77593503			-0.23	-2.93	Excellent
8417	09/23/21 08:00:00	7.74	23.22					7.512291613	87.56063266			-0.23	-2.94	Excellent
8418	09/23/21 08:30:00	7.75	23.22					7.521373733	87.66649065			-0.23	-2.95	Excellent
8419	09/23/21 09:00:00	7.76	23.16					7.530454243	87.67280077			-0.23	-2.96	Excellent
8420	09/23/21 09:30:00	7.72	23.14					7.491016199	87.18064869			-0.23	-2.97	Excellent
8421	09/23/21 10:00:00	7.71	23.10					7.480692345	86.9946036			-0.23	-2.97	Excellent
8422	09/23/21 10:30:00	7.73	23.08					7.499475439	87.18000963			-0.23	-2.98	Excellent
8423	09/23/21 11:00:00	7.77	23.04					7.537657264	87.55748457			-0.23	-2.99	Excellent
8424	09/23/21 11:30:00	7.82	23.00					7.58553282	88.04681478			-0.23	-3.00	Excellent
8425	09/23/21 12:00:00	7.82	22.98					7.584903503	88.00612063			-0.24	-3.01	Excellent
8426	09/23/21 12:30:00	7.83	22.98					7.593972746	88.11134925			-0.24	-3.01	Excellent
8427	09/23/21 13:00:00	7.85	22.98					7.612738135	88.32908032			-0.24	-3.02	Excellent
8428	09/23/21 13:30:00	7.86	22.94					7.621803355	88.36716633			-0.24	-3.03	Excellent
8429	09/23/21 14:00:00	7.88	22.90					7.640563111	88.51741655			-0.24	-3.04	Excellent
8430	09/23/21 14:30:00	7.88	22.88					7.639928966	88.4764515			-0.24	-3.05	Excellent
8431	09/23/21 15:00:00	7.88	22.86					7.63929482	88.4354947			-0.24	-3.05	Excellent
8432	09/23/21 15:30:00	7.87	22.84					7.628966943	88.28237034			-0.24	-3.06	Excellent
8433	09/23/21 16:00:00	7.90	22.80					7.657412383	88.54416905			-0.24	-3.07	Excellent
8434	09/23/21 16:30:00	7.92	22.76					7.676160873	88.69343553			-0.24	-3.08	Excellent
8435	09/23/21 17:00:00	7.92	22.74					7.675523509	88.652315			-0.24	-3.09	Excellent
8436	09/23/21 17:30:00	7.91	22.74					7.665195631	88.53302799			-0.24	-3.09	Excellent
8437	09/23/21 18:00:00	7.92	22.74					7.67424878	88.63759188			-0.25	-3.10	Excellent
8438	09/23/21 18:30:00	7.92	22.72					7.673611415	88.59648524			-0.25	-3.11	Excellent
8439	09/23/21 19:00:00	7.92	22.70					7.672974051	88.55538688			-0.25	-3.12	Excellent
8440	09/23/21 19:30:00	7.94	22.66					7.691711274	88.70400116			-0.25	-3.13	Excellent
8441	09/23/21 20:00:00	7.94	22.62					7.6910723	88.6290127			-0.25	-3.14	Excellent
8442	09/23/21 20:30:00	7.96	22.56					7.709804694	88.74322154			-0.25	-3.14	Excellent
8443	09/23/21 21:00:00	7.95	22.50					7.699479231	88.52287504			-0.25	-3.15	Excellent
8444	09/23/21 21:30:00	7.96	22.42					7.708523527	88.49141033			-0.25	-3.16	Excellent
8445	09/23/21 22:00:00	7.92	22.34					7.669149864	87.90469834			-0.25	-3.17	Excellent
8446	09/23/21 22:30:00	7.89	22.24					7.639465103	87.3967661			-0.25	-3.18	Excellent
8447	09/23/21 23:00:00	7.89	22.16					7.638830153	87.25541534			-0.25	-3.18	Excellent
8448	09/23/21 23:30:00	7.86	22.12				7.756	7.609152636	86.84965335		7.731	-0.25	-3.19	Excellent
8449	09/24/21 00:00:00	7.83	22.08	7.67	8.34	8.01396		7.579479946	86.44447774	7.742		-0.25	-3.20	Excellent
8450	09/24/21 00:30:00	7.79	22.06					7.54013284	85.96264971			-0.25	-3.21	Excellent
8451	09/24/21 01:00:00	7.76	22.04					7.510470612	85.59154119			-0.25	-3.22	Excellent
8452	09/24/21 01:30:00	7.75	22.04					7.500168487	85.47413513			-0.25	-3.22	Excellent
8453	09/24/21 02:00:00	7.73	22.02					7.48019114	85.21366382			-0.25	-3.23	Excellent
8454	09/24/21 02:30:00	7.73	22.02					7.479569065	85.20657721			-0.25	-3.24	Excellent
8455	09/24/21 03:00:00	7.72	22.00					7.469271769	85.05651825			-0.25	-3.25	Excellent
8456	09/24/21 03:30:00	7.70	21.98					7.449301664	84.79644524			-0.25	-3.26	Excellent
8457	09/24/21 04:00:00	7.67	21.98					7.419661165	84.45904329			-0.25	-3.26	Excellent
8458	09/24/21 04:30:00	7.67	21.94					7.419043919	84.38696424			-0.25	-3.27	Excellent
8459	09/24/21 05:00:00	7.71	21.88					7.457114687	84.7219346			-0.25	-3.28	Excellent

8460	09/24/21 05:30:00	7.76	21.78					7.504850216	85.09983956			-0.26	-3.29	Excellent
8461	09/24/21 06:00:00	7.83	21.66					7.571918486	85.66135555			-0.26	-3.30	Excellent
8462	09/24/21 06:30:00	7.87	21.54					7.609966721	85.89189869			-0.26	-3.30	Excellent
8463	09/24/21 07:00:00	7.87	21.48					7.60933338	85.78484507			-0.26	-3.31	Excellent
8464	09/24/21 07:30:00	7.89	21.46					7.628035999	85.96231319			-0.26	-3.32	Excellent
8465	09/24/21 08:00:00	7.90	21.44					7.637068224	86.0306844			-0.26	-3.33	Excellent
8466	09/24/21 08:30:00	7.91	21.42					7.646098839	86.09896108			-0.26	-3.34	Excellent
8467	09/24/21 09:00:00	7.92	21.40					7.655127845	86.16714324			-0.26	-3.34	Excellent
8468	09/24/21 09:30:00	7.94	21.38					7.673820002	86.34397649			-0.27	-3.35	Excellent
8469	09/24/21 10:00:00	7.94	21.34					7.673181028	86.26966405			-0.27	-3.36	Excellent
8470	09/24/21 10:30:00	7.97	21.26					7.701531507	86.45369879			-0.27	-3.37	Excellent
8471	09/24/21 11:00:00	8.00	21.18					7.729877158	86.63673002			-0.27	-3.38	Excellent
8472	09/24/21 11:30:00	8.04	21.12					7.767879523	86.9608188			-0.27	-3.38	Excellent
8473	09/24/21 12:00:00	8.06	21.06					7.786553975	87.067814			-0.27	-3.39	Excellent
8474	09/24/21 12:30:00	8.07	20.98					7.795565276	87.0323714			-0.27	-3.40	Excellent
8475	09/24/21 13:00:00	8.05	20.92					7.775597585	86.70758085			-0.27	-3.41	Excellent
8476	09/24/21 13:30:00	8.06	20.94					7.784608082	86.84205057			-0.28	-3.42	Excellent
8477	09/24/21 14:00:00	8.09	20.94					7.812932005	87.1580212			-0.28	-3.42	Excellent
8478	09/24/21 14:30:00	8.15	20.92					7.870221238	87.76275223			-0.28	-3.43	Excellent
8479	09/24/21 15:00:00	8.16	20.90					7.879221273	87.82871189			-0.28	-3.44	Excellent
8480	09/24/21 15:30:00	8.15	20.84					7.868909491	87.61071319			-0.28	-3.45	Excellent
8481	09/24/21 16:00:00	8.12	20.78					7.83929072	87.17830178			-0.28	-3.46	Excellent
8482	09/24/21 16:30:00	8.12	20.70					7.838637261	87.0342271			-0.28	-3.47	Excellent
8483	09/24/21 17:00:00	8.16	20.66					7.876594559	87.38695692			-0.28	-3.47	Excellent
8484	09/24/21 17:30:00	8.18	20.62					7.895241649	87.52496639			-0.28	-3.48	Excellent
8485	09/24/21 18:00:00	8.21	20.58					7.923536601	87.76953134			-0.29	-3.49	Excellent
8486	09/24/21 18:30:00	8.23	20.54					7.942176449	87.90674758			-0.29	-3.50	Excellent
8487	09/24/21 19:00:00	8.25	20.52					7.960813078	88.07831775			-0.29	-3.51	Excellent
8488	09/24/21 19:30:00	8.27	20.50					7.979446488	88.24969255			-0.29	-3.51	Excellent
8489	09/24/21 20:00:00	8.29	20.50					7.998076679	88.45573549			-0.29	-3.52	Excellent
8490	09/24/21 20:30:00	8.27	20.48					7.978115426	88.20019506			-0.29	-3.53	Excellent
8491	09/24/21 21:00:00	8.29	20.44					7.996742398	88.33641412			-0.29	-3.54	Excellent
8492	09/24/21 21:30:00	8.30	20.36					8.005720704	88.29605554			-0.29	-3.55	Excellent
8493	09/24/21 22:00:00	8.31	20.26					8.014697401	88.22050426			-0.30	-3.55	Excellent
8494	09/24/21 22:30:00	8.33	20.16					8.033316325	88.25055584			-0.30	-3.56	Excellent
8495	09/24/21 23:00:00	8.31	20.08					8.013359901	87.89180539			-0.30	-3.57	Excellent
8496	09/24/21 23:30:00	8.34	20.00				7.735	8.041617834	88.0617771		7.662	-0.30	-3.58	Excellent
8497	09/25/21 00:00:00	8.34	19.94	8.33	8.61	8.45313		8.04094667	87.94949062	8.134		-0.30	-3.59	Excellent
8498	09/25/21 00:30:00	8.33	19.90					8.030634888	87.76684902			-0.30	-3.59	Excellent
8499	09/25/21 01:00:00	8.35	19.84					8.049244155	87.86522605			-0.30	-3.60	Excellent
8500	09/25/21 01:30:00	8.37	19.76					8.067850204	87.92803892			-0.30	-3.61	Excellent
8501	09/25/21 02:00:00	8.38	19.70					8.076814829	87.92043512			-0.30	-3.62	Excellent
8502	09/25/21 02:30:00	8.42	19.62					8.114690042	88.19170024			-0.31	-3.63	Good
8503	09/25/21 03:00:00	8.44	19.54					8.133285629	88.25249453			-0.31	-3.63	Good
8504	09/25/21 03:30:00	8.42	19.50					8.113334838	87.96555016			-0.31	-3.64	Good
8505	09/25/21 04:00:00	8.40	19.44					8.093387266	87.64386325			-0.31	-3.65	Good
8506	09/25/21 04:30:00	8.42	19.38					8.111979634	87.73957074			-0.31	-3.66	Good
8507	09/25/21 05:00:00	8.41	19.32					8.101668656	87.52257538			-0.31	-3.67	Good
8508	09/25/21 05:30:00	8.43	19.26					8.120257	87.61769759			-0.31	-3.67	Good
8509	09/25/21 06:00:00	8.42	19.22					8.109946827	87.43609521			-0.31	-3.68	Good
8510	09/25/21 06:30:00	8.41	19.16					8.099638264	87.2195769			-0.31	-3.69	Good
8511	09/25/21 07:00:00	8.41	19.10					8.098961467	87.10694457			-0.31	-3.70	Good
8512	09/25/21 07:30:00	8.44	19.04					8.127172724	87.30467959			-0.31	-3.71	Good
8513	09/25/21 08:00:00	8.45	18.98					8.136122059	87.29503884			-0.31	-3.71	Good
8514	09/25/21 08:30:00	8.49	18.96					8.173953011	87.6655217			-0.32	-3.72	Good
8515	09/25/21 09:00:00	8.48	18.92					8.163642838	87.48420814			-0.32	-3.73	Good
8516	09/25/21 09:30:00	8.44	18.88					8.124455877	86.99388175			-0.32	-3.74	Good
8517	09/25/21 10:00:00	8.45	18.86					8.133401993	87.05444595			-0.32	-3.75	Good
8518	09/25/21 10:30:00	8.45	18.84					8.132721977	87.01194553			-0.32	-3.75	Good
8519	09/25/21 11:00:00	8.45	18.82					8.132041961	86.96945379			-0.32	-3.76	Good
8520	09/25/21 11:30:00	8.45	18.82					8.131361944	86.96218124			-0.32	-3.77	Good
8521	09/25/21 12:00:00	8.45	18.80					8.130681928	86.91970115			-0.32	-3.78	Good
8522	09/25/21 12:30:00	8.47	18.80					8.149244519	87.11814144			-0.32	-3.79	Good
8523	09/25/21 13:00:00	8.44	18.80					8.119701396	86.8023156			-0.32	-3.80	Good
8524	09/25/21 13:30:00	8.42	18.80					8.099782795	86.58937911			-0.32	-3.80	Good
8525	09/25/21 14:00:00	8.41	18.80					8.089486303	86.47930618			-0.32	-3.81	Good
8526	09/25/21 14:30:00	8.40	18.80					8.079191421	86.36925045			-0.32	-3.82	Good
8527	09/25/21 15:00:00	8.41	18.78					8.088132708	86.42981528			-0.32	-3.83	Good
8528	09/25/21 15:30:00	8.44	18.76					8.116305337	86.6957284			-0.32	-3.84	Good
8529	09/25/21 16:00:00	8.44	18.76					8.115626126	86.68847328			-0.32	-3.84	Good
8530	09/25/21 16:30:00	8.46	18.74					8.134176646	86.85140962			-0.33	-3.85	Good
8531	09/25/21 17:00:00	8.45	18.72					8.123881764	86.70632071			-0.33	-3.86	Good
8532	09/25/21 17:30:00	8.46	18.70					8.132815004	86.76646256			-0.33	-3.87	Good
8533	09/25/21 18:00:00	8.45	18.70					8.122521731	86.65664685			-0.33	-3.88	Good
8534	09/25/21 18:30:00	8.47	18.68					8.141065008	86.81924362			-0.33	-3.88	Good
8535	09/25/21 19:00:00	8.47	18.66					8.140383382	86.77674461			-0.33	-3.89	Good
8536	09/25/21 19:30:00	8.50	18.66					8.168531869	87.07680837			-0.33	-3.90	Good
8537	09/25/21 20:00:00	8.52	18.66					8.187066294	87.27438593			-0.33	-3.91	Good
8538	09/25/21 20:30:00	8.54	18.66					8.205597501	87.47192917			-0.33	-3.92	Good
8539	09/25/21 21:00:00	8.55	18.66					8.214517865	87.56702054			-0.34	-3.92	Good
8540	09/25/21 21:30:00	8.56	18.66					8.223436619	87.66209474			-0.34	-3.93	Good
8541	09/25/21 22:00:00	8.58	18.66					8.241959778	87.8595522			-0.34	-3.94	Good
8542	09/25/21 22:30:00	8.61	18.66					8.270084927	88.15936718			-0.34	-3.95	Good
8543	09/25/21 23:00:00	8.60	18.64					8.25978763	88.01385386			-0.34	-3.96	Good
8544	09/25/21 23:30:00	8.60	18.64				7.842	8.259095542	88.00647918		7.713	-0.34	-3.96	Good
8545	09/26/21 00:00:00	8.62	18.62	8.62	9.04	8.88375		8.277609044	88.16793551	8.514		-0.34	-3.97	Good
8546	09/26/21 00:30:00	8.64	18.60					8.296119327	88.32920021			-0.34	-3.98	Good
8547	09/26/21 01:00:00	8.64	18.58					8.29542402	88.28590781			-0.34	-3.99	Good
8548	09/26/21 01:30:00	8.66	18.54					8.313929474	88.4109259			-0.35	-4.00	Good
8549	09/26/21 02:00:00	8.68	18.50					8.332431709	88.5356011			-0.35	-4.00	Good
8550	09/26/21 02:30:00	8.69	18.46					8.341331955	88.55802561			-0.35	-4.01	Good
8551	09/26/21 03:00:00	8.72	18.42					8.369426523	88.78392351			-0.35	-4.02	Good
8552	09/26/21 03:30:00	8.73	18.36					8.378321939	88.76962996			-0.35	-4.03	Good
8553	09/26/21 04:00:00	8.74	18.32					8.387215746	88.79136073			-0.35	-4.04	Good
8554	09/26/21 04:30:00	8.74	18.28					8.386512392	88.71143186			-0.35	-4.04	Good
8555	09/26/21 05:00:00	8.73	18.22					8.376214291	88.49393101			-0.35	-4.05	Good
8556	09/26/21 05:30:00	8.74	18.16					8.385105684	88.47920986			-0.35	-4.06	Good
8557	09/26/21 06:00:00	8.76	18.10					8.403588605	88.5653696			-0.36	-4.07	Good
8558	09/26/21 06:30:00	8.78	18.04					8.422068307	88.65104295			-0.36	-4.08	Good
8559	09/26/21 07:00:00	8.80	17.98					8.44054479	88.73623022			-0.36	-4.08	Good
8560	09/26/21 07:30:00	8.82	17.92					8.459018054	88.82093174			-0.36	-4.09	Good
8561	09/26/21 08:00:00	8.83	17.86					8.46789818	88.80457642			-0.36	-4.10	Good
8562	09/26/21 08:30:00	8.83	17.80					8.467187583	88.68756212			-0.36	-4.11	Good
8563	09/26/21 09:00:00	8.85	17.76					8.485653605	88.80779425			-0.36	-4.12	Good
8564	09/26/21 09:30:00	8.85	17.72					8.484941398	88.72717272			-0.37	-4.12	Good
8565	09/26/21 10:00:00	8.88	17.70					8.512989291	88.98376962			-0.37	-4.13	Good
8566	09/26/21 10:30:00	8.88	17.68					8.51227467	88.93960559			-0.37	-4.14	Good
8567	09/26/21 11:00:00	8.88	17.66					8.511560049	88.89545071			-0.37	-4.15	Good
8568	09/26/21 11:30:00	8.88	17.66					8.510845428	88.88798715			-0.37	-4.16	Good
8569	09/26/21 12:00:00	8.91	17.64					8.538881249	89.14399262			-0.37	-4.17	Good
8570	09/26/21 12:30:00	8.94	17.62					8.566912242	89.39970904			-0.37	-4.17	Good
8571	09/26/21 13:00:00	8.95	17.62					8.575774664	89.49219253			-0.37	-4.18	Good
8572	09/26/21 13:30:00	8.98	17.62					8.603797609	89.78462498			-0.38	-4.19	Good
8573	09/26/21 14:00:00	8.97	17.62					8.593494679	89.67710912			-0.38	-4.20	Good
8574	09/26/21 14:30:00	8.97	17.64					8.592772815	89.7066084			-0.38	-4.21	Good
8575	09/26/21 15:00:00	8.98	17.64					8.601629604	89.79907128			-0.38	-4.21	Good

8576	09/26/21 15:30:00	9.00	17.66					8.62006263	90.02866082			-0.38	-4.22	Good
8577	09/26/21 16:00:00	9.03	17.68					8.64806948	90.35844337			-0.38	-4.23	Good
8578	09/26/21 16:30:00	9.03	17.68					8.647342788	90.35085061			-0.38	-4.24	Good
8579	09/26/21 17:00:00	9.04	17.68					8.656191529	90.44330574			-0.38	-4.25	Good
8580	09/26/21 17:30:00	9.02	17.68					8.636314776	90.23562558			-0.38	-4.25	Good
8581	09/26/21 18:00:00	9.04	17.70					8.654736535	90.46541182			-0.39	-4.26	Good
8582	09/26/21 18:30:00	9.04	17.70					8.654009039	90.45780751			-0.39	-4.27	Good
8583	09/26/21 19:00:00	9.02	17.72					8.634137113	90.28731478			-0.39	-4.28	Good
8584	09/26/21 19:30:00	9.01	17.74					8.623839817	90.21681707			-0.39	-4.29	Good
8585	09/26/21 20:00:00	9.00	17.74					8.61354413	90.10911051			-0.39	-4.29	Good
8586	09/26/21 20:30:00	8.99	17.76					8.603250052	90.03851631			-0.39	-4.30	Good
8587	09/26/21 21:00:00	9.01	17.78					8.621664569	90.26841396			-0.39	-4.31	Good
8588	09/26/21 21:30:00	9.00	17.80					8.611371296	90.19778046			-0.39	-4.32	Good
8589	09/26/21 22:00:00	9.02	17.82					8.629781789	90.42783583			-0.39	-4.33	Good
8590	09/26/21 22:30:00	9.02	17.84					8.629055902	90.45744844			-0.39	-4.33	Good
8591	09/26/21 23:00:00	9.04	17.86					8.647461567	90.6876943			-0.39	-4.34	Good
8592	09/26/21 23:30:00	9.04	17.86				8.021	8.64673407	90.68006489		7.827	-0.39	-4.35	Good
8593	09/27/21 00:00:00	9.06	17.88	8.93	9.09	9.01688		8.665134906	90.91041877	8.607		-0.39	-4.36	Good
8594	09/27/21 00:30:00	9.06	17.88					8.6644058	90.90276934			-0.40	-4.37	Good
8595	09/27/21 01:00:00	9.06	17.90					8.663676694	90.93249719			-0.40	-4.37	Good
8596	09/27/21 01:30:00	9.06	17.92					8.662947587	90.96222179			-0.40	-4.38	Good
8597	09/27/21 02:00:00	9.05	17.94					8.652657533	90.89151051			-0.40	-4.39	Good
8598	09/27/21 02:30:00	9.05	17.94					8.651929232	90.88386009			-0.40	-4.40	Good
8599	09/27/21 03:00:00	9.04	17.94					8.641641592	90.77579397			-0.40	-4.41	Good
8600	09/27/21 03:30:00	9.06	17.94					8.660031162	90.96896651			-0.40	-4.41	Good
8601	09/27/21 04:00:00	9.07	17.94					8.668859784	91.06170643			-0.40	-4.42	Good
8602	09/27/21 04:30:00	9.06	17.94					8.658572949	90.95364877			-0.40	-4.43	Good
8603	09/27/21 05:00:00	9.09	17.92					8.6865122	91.20965368			-0.40	-4.44	Good
8604	09/27/21 05:30:00	9.06	17.92					8.657114736	90.900976			-0.40	-4.45	Good
8605	09/27/21 06:00:00	9.05	17.92					8.646831121	90.79299652			-0.40	-4.45	Good
8606	09/27/21 06:30:00	9.04	17.90					8.636549114	90.64777067			-0.40	-4.46	Good
8607	09/27/21 07:00:00	9.04	17.88					8.635821617	90.60287787			-0.40	-4.47	Good
8608	09/27/21 07:30:00	9.04	17.86					8.63509412	90.55799436			-0.40	-4.48	Good
8609	09/27/21 08:00:00	9.02	17.84					8.615264043	90.31286988			-0.40	-4.49	Good
8610	09/27/21 08:30:00	9.04	17.82					8.633639127	90.46825523			-0.41	-4.50	Good
8611	09/27/21 09:00:00	9.03	17.78					8.623361949	90.28618544			-0.41	-4.50	Good
8612	09/27/21 09:30:00	9.04	17.76					8.632184133	90.34132998			-0.41	-4.51	Good
8613	09/27/21 10:00:00	9.04	17.74					8.631456636	90.29649911			-0.41	-4.52	Good
8614	09/27/21 10:30:00	9.03	17.74					8.621181873	90.18901144			-0.41	-4.53	Good
8615	09/27/21 11:00:00	9.03	17.76					8.62045518	90.21857899			-0.41	-4.54	Good
8616	09/27/21 11:30:00	9.03	17.76					8.619728488	90.21097369			-0.41	-4.54	Good
8617	09/27/21 12:00:00	9.02	17.76					8.609456944	90.1034754			-0.41	-4.55	Good
8618	09/27/21 12:30:00	9.03	17.78					8.618275104	90.23292642			-0.41	-4.56	Good
8619	09/27/21 13:00:00	9.04	17.78					8.627091655	90.32523529			-0.41	-4.57	Good
8620	09/27/21 13:30:00	9.02	17.80					8.607279282	90.15491962			-0.41	-4.58	Good
8621	09/27/21 14:00:00	9.03	17.82					8.616095028	90.28441804			-0.41	-4.58	Good
8622	09/27/21 14:30:00	9.02	17.82					8.605827507	90.17682903			-0.41	-4.59	Good
8623	09/27/21 15:00:00	9.02	17.84					8.60510162	90.20633832			-0.41	-4.60	Good
8624	09/27/21 15:30:00	9.02	17.86					8.604375732	90.23584436			-0.42	-4.61	Good
8625	09/27/21 16:00:00	9.00	17.88					8.584573016	90.06520225			-0.42	-4.62	Good
8626	09/27/21 16:30:00	8.99	17.90					8.574311129	89.99453122			-0.42	-4.62	Good
8627	09/27/21 17:00:00	9.01	17.92					8.592661265	90.22420509			-0.42	-4.63	Good
8628	09/27/21 17:30:00	9.00	17.92					8.582400183	90.11646221			-0.42	-4.64	Good
8629	09/27/21 18:00:00	8.97	17.94					8.553070318	89.84540041			-0.42	-4.65	Good
8630	09/27/21 18:30:00	8.98	17.94					8.561882846	89.93797127			-0.42	-4.66	Good
8631	09/27/21 19:00:00	8.98	17.94					8.561160177	89.93038003			-0.42	-4.66	Good
8632	09/27/21 19:30:00	8.96	17.92					8.541371947	89.68565971			-0.42	-4.67	Good
8633	09/27/21 20:00:00	8.95	17.92					8.531118911	89.57800133			-0.42	-4.68	Good
8634	09/27/21 20:30:00	8.95	17.92					8.530398657	89.57043856			-0.42	-4.69	Good
8635	09/27/21 21:00:00	8.94	17.92					8.520148036	89.46280553			-0.42	-4.70	Good
8636	09/27/21 21:30:00	8.96	17.90					8.538487711	89.61853464			-0.42	-4.70	Good
8637	09/27/21 22:00:00	8.94	17.90					8.518709138	89.41094205			-0.42	-4.71	Good
8638	09/27/21 22:30:00	8.96	17.90					8.537045594	89.60339841			-0.42	-4.72	Good
8639	09/27/21 23:00:00	8.94	17.90					8.517270239	89.39583961			-0.42	-4.73	Good
8640	09/27/21 23:30:00	8.93	17.90				8.204	8.507024446	89.28830149		7.937	-0.42	-4.74	Good
8641	09/28/21 00:00:00	8.91	17.88	8.86	8.96	8.92354		8.487254725	89.04418565	8.483		-0.42	-4.74	Good
8642	09/28/21 00:30:00	8.94	17.88					8.515111891	89.3364496			-0.42	-4.75	Good
8643	09/28/21 01:00:00	8.93	17.88					8.504868513	89.22898102			-0.43	-4.76	Good
8644	09/28/21 01:30:00	8.93	17.88					8.504149868	89.22144134			-0.43	-4.77	Good
8645	09/28/21 02:00:00	8.96	17.88					8.531998182	89.51361243			-0.43	-4.78	Good
8646	09/28/21 02:30:00	8.95	17.90					8.521755608	89.44291729			-0.43	-4.78	Good
8647	09/28/21 03:00:00	8.94	17.90					8.511514644	89.33542985			-0.43	-4.79	Good
8648	09/28/21 03:30:00	8.93	17.92					8.50127529	89.26463893			-0.43	-4.80	Good
8649	09/28/21 04:00:00	8.95	17.94					8.519594846	89.49375859			-0.43	-4.81	Good
8650	09/28/21 04:30:00	8.95	17.94					8.518874592	89.48619271			-0.43	-4.82	Good
8651	09/28/21 05:00:00	8.93	17.96					8.499119356	89.31535085			-0.43	-4.83	Good
8652	09/28/21 05:30:00	8.95	17.98					8.517434084	89.5445745			-0.43	-4.83	Good
8653	09/28/21 06:00:00	8.95	18.00					8.51671383	89.57376052			-0.43	-4.84	Good
8654	09/28/21 06:30:00	8.95	18.02					8.515993576	89.6029433			-0.43	-4.85	Good
8655	09/28/21 07:00:00	8.94	18.04					8.50575905	89.5319752			-0.43	-4.86	Good
8656	09/28/21 07:30:00	8.94	18.04					8.5050396	89.52440225			-0.43	-4.87	Good
8657	09/28/21 08:00:00	8.93	18.06					8.494807489	89.45337107			-0.44	-4.87	Good
8658	09/28/21 08:30:00	8.94	18.08					8.503600702	89.58268015			-0.44	-4.88	Good
8659	09/28/21 09:00:00	8.94	18.10					8.502881253	89.61181422			-0.44	-4.89	Good
8660	09/28/21 09:30:00	8.92	18.12					8.483141307	89.44040601			-0.44	-4.90	Good
8661	09/28/21 10:00:00	8.91	18.12					8.472914024	89.33257657			-0.44	-4.91	Good
8662	09/28/21 10:30:00	8.92	18.16					8.481705627	89.49852757			-0.44	-4.91	Good
8663	09/28/21 11:00:00	8.93	18.16					8.490495621	89.59127914			-0.44	-4.92	Good
8664	09/28/21 11:30:00	8.92	18.16					8.480269948	89.48337835			-0.44	-4.93	Good
8665	09/28/21 12:00:00	8.93	18.16					8.489058332	89.57611294			-0.44	-4.94	Good
8666	09/28/21 12:30:00	8.93	18.16					8.488339688	89.56852983			-0.44	-4.95	Good
8667	09/28/21 13:00:00	8.94	18.16					8.497125658	89.66123895			-0.44	-4.95	Good
8668	09/28/21 13:30:00	8.92	18.16					8.477398589	89.45307991			-0.44	-4.96	Good
8669	09/28/21 14:00:00	8.94	18.18					8.495686759	89.68274976			-0.44	-4.97	Good
8670	09/28/21 14:30:00	8.94	18.18					8.49496731	89.67515506			-0.45	-4.98	Good
8671	09/28/21 15:00:00	8.94	18.18					8.494247861	89.66756036			-0.45	-4.99	Good
8672	09/28/21 15:30:00	8.92	18.18					8.474527229	89.45938408			-0.45	-4.99	Good
8673	09/28/21 16:00:00	8.94	18.18					8.492808962	89.65237096			-0.45	-5.00	Good
8674	09/28/21 16:30:00	8.92	18.20					8.47309155	89.48082802			-0.45	-5.01	Good
8675	09/28/21 17:00:00	8.91	18.20					8.462875533	89.37294087			-0.45	-5.02	Good
8676	09/28/21 17:30:00	8.90	18.20					8.452661126	89.26507073			-0.45	-5.03	Good
8677	09/28/21 18:00:00	8.92	18.18					8.47093803	89.42149553			-0.45	-5.03	Good
8678	09/28/21 18:30:00	8.92	18.16					8.47022019	89.37733382			-0.45	-5.04	Good
8679	09/28/21 19:00:00	8.91	18.16					8.460007393	89.2695689			-0.45	-5.05	Good
8680	09/28/21 19:30:00	8.91	18.16					8.459290358	89.26200278			-0.45	-5.06	Good
8681	09/28/21 20:00:00	8.91	18.16					8.458573323	89.25443666			-0.45	-5.07	Good
8682	09/28/21 20:30:00	8.91	18.16					8.457856288	89.24687054			-0.45	-5.07	Good
8683	09/28/21 21:00:00	8.89	18.14					8.438155775	89.00254915			-0.45	-5.08	Good
8684	09/28/21 21:30:00	8.87	18.12					8.418458481	88.7584348			-0.45	-5.09	Good
8685	09/28/21 22:00:00	8.87	18.10					8.417744665	88.71456024			-0.45	-5.10	Good
8686	09/28/21 22:30:00	8.88	18.08					8.426520174	88.77066174			-0.45	-5.11	Good
8687	09/28/21 23:00:00	8.86	18.08					8.406828513	88.56321647			-0.45	-5.11	Good
8688	09/28/21 23:30:00	8.89	18.06				8.394	8.434578647	88.81913976		8.073	-0.46	-5.12	Good
8689	09/29/21 00:00:00	8.87	18.04	8.84	8.91	8.88083		8.414889401	88.57547749	8.408		-0.46	-5.13	Good
8690	09/29/21 00:30:00	8.88	18.02					8.423661691	88.63145259			-0.46	-5.14	Good
8691	09/29/21 01:00:00	8.88	18.00					8.42294707	88.58757718			-0.46	-5.15	Good

8692	09/29/21 01:30:00	8.89	17.98					8.431716945	88.64342227			-0.46	-5.16	Good
8693	09/29/21 02:00:00	8.87	17.98					8.412034137	88.43649508			-0.46	-5.16	Good
8694	09/29/21 02:30:00	8.89	17.96					8.430286094	88.59199744			-0.46	-5.17	Good
8695	09/29/21 03:00:00	8.90	17.94					8.43905275	88.64770722			-0.46	-5.18	Good
8696	09/29/21 03:30:00	8.89	17.94					8.428855243	88.5405879			-0.46	-5.19	Good
8697	09/29/21 04:00:00	8.86	17.92					8.399698401	88.19806667			-0.46	-5.20	Good
8698	09/29/21 04:30:00	8.89	17.92					8.427424392	88.48919365			-0.46	-5.20	Good
8699	09/29/21 05:00:00	8.88	17.92					8.417230103	88.38215213			-0.46	-5.21	Good
8700	09/29/21 05:30:00	8.89	17.92					8.425993541	88.4741695			-0.46	-5.22	Good
8701	09/29/21 06:00:00	8.89	17.90					8.425278115	88.43030571			-0.46	-5.23	Good
8702	09/29/21 06:30:00	8.87	17.90					8.405609793	88.22387029			-0.46	-5.24	Good
8703	09/29/21 07:00:00	8.89	17.90					8.423847264	88.41528773			-0.47	-5.24	Good
8704	09/29/21 07:30:00	8.90	17.90					8.432606677	88.50722507			-0.47	-5.25	Good
8705	09/29/21 08:00:00	8.91	17.88					8.441364481	88.56272733			-0.47	-5.26	Good
8706	09/29/21 08:30:00	8.90	17.88					8.431174217	88.45581598			-0.47	-5.27	Good
8707	09/29/21 09:00:00	8.91	17.90					8.439930411	88.58409375			-0.47	-5.28	Good
8708	09/29/21 09:30:00	8.91	17.90					8.439213376	88.57656787			-0.47	-5.28	Good
8709	09/29/21 10:00:00	8.90	17.92					8.429025526	88.50600579			-0.47	-5.29	Good
8710	09/29/21 10:30:00	8.89	17.92					8.418839285	88.39904877			-0.47	-5.30	Good
8711	09/29/21 11:00:00	8.89	17.94					8.41812386	88.42786049			-0.47	-5.31	Good
8712	09/29/21 11:30:00	8.88	17.98					8.407940033	88.39345339			-0.47	-5.32	Good
8713	09/29/21 12:00:00	8.90	18.00					8.426160605	88.62137524			-0.47	-5.32	Good
8714	09/29/21 12:30:00	8.87	18.04					8.397044	88.38763605			-0.47	-5.33	Good
8715	09/29/21 13:00:00	8.90	18.06					8.424728144	88.71541043			-0.48	-5.34	Good
8716	09/29/21 13:30:00	8.88	18.08					8.40508155	88.54481278			-0.47	-5.35	Good
8717	09/29/21 14:00:00	8.88	18.10					8.404366929	88.57357236			-0.48	-5.36	Good
8718	09/29/21 14:30:00	8.88	18.12					8.403652308	88.60232869			-0.48	-5.36	Good
8719	09/29/21 15:00:00	8.91	18.14					8.43132599	88.93051111			-0.48	-5.37	Good
8720	09/29/21 15:30:00	8.90	18.16					8.421146992	88.85951592			-0.48	-5.38	Good
8721	09/29/21 16:00:00	8.89	18.18					8.410969604	88.78845273			-0.48	-5.39	Good
8722	09/29/21 16:30:00	8.90	18.20					8.419714532	88.91713533			-0.48	-5.40	Good
8723	09/29/21 17:00:00	8.88	18.22					8.400079204	88.74606162			-0.48	-5.40	Good
8724	09/29/21 17:30:00	8.87	18.24					8.38990584	88.67482683			-0.48	-5.41	Good
8725	09/29/21 18:00:00	8.87	18.26					8.389192023	88.70352804			-0.48	-5.42	Good
8726	09/29/21 18:30:00	8.87	18.28					8.388478207	88.732226			-0.48	-5.43	Good
8727	09/29/21 19:00:00	8.86	18.28					8.378308062	88.62464753			-0.48	-5.44	Good
8728	09/29/21 19:30:00	8.85	18.28					8.368139526	88.51708608			-0.48	-5.44	Good
8729	09/29/21 20:00:00	8.85	18.28					8.367427319	88.50955245			-0.48	-5.45	Good
8730	09/29/21 20:30:00	8.84	18.26					8.357261197	88.3659059			-0.48	-5.46	Good
8731	09/29/21 21:00:00	8.87	18.24					8.384909127	88.62201544			-0.49	-5.47	Good
8732	09/29/21 21:30:00	8.84	18.24					8.355838394	88.31476023			-0.48	-5.48	Good
8733	09/29/21 22:00:00	8.87	18.22					8.383481495	88.57070836			-0.49	-5.48	Good
8734	09/29/21 22:30:00	8.86	18.22					8.373316983	88.46332122			-0.49	-5.49	Good
8735	09/29/21 23:00:00	8.87	18.20					8.382053863	88.51941652			-0.49	-5.50	Good
8736	09/29/21 23:30:00	8.84	18.20				8.565	8.352992786	88.21251447		8.206	-0.49	-5.51	Good
8737	09/30/21 00:00:00	8.87	18.18	8.85	8.97	8.89208		8.380626231	88.46813994	8.385		-0.49	-5.52	Good
8738	09/30/21 00:30:00	8.87	18.18					8.379912415	88.46060471			-0.49	-5.53	Good
8739	09/30/21 01:00:00	8.88	18.18					8.388645271	88.55279108			-0.49	-5.53	Good
8740	09/30/21 01:30:00	8.86	18.16					8.369038915	88.30967413			-0.49	-5.54	Good
8741	09/30/21 02:00:00	8.87	18.12					8.377770967	88.32945363			-0.49	-5.55	Good
8742	09/30/21 02:30:00	8.87	18.08					8.377057151	88.24958481			-0.49	-5.56	Good
8743	09/30/21 03:00:00	8.87	18.06					8.376343335	88.20590102			-0.49	-5.57	Good
8744	09/30/21 03:30:00	8.89	18.02					8.394514816	88.32477719			-0.50	-5.57	Good
8745	09/30/21 04:00:00	8.87	18.00					8.374915703	88.08241166			-0.50	-5.58	Good
8746	09/30/21 04:30:00	8.88	17.96					8.383642926	88.10183478			-0.50	-5.59	Good
8747	09/30/21 05:00:00	8.88	17.94					8.382928305	88.05815013			-0.50	-5.60	Good
8748	09/30/21 05:30:00	8.90	17.90					8.401092544	88.17645801			-0.50	-5.61	Good
8749	09/30/21 06:00:00	8.92	17.86					8.419253564	88.29443039			-0.50	-5.61	Good
8750	09/30/21 06:30:00	8.90	17.84					8.399660083	88.05271718			-0.50	-5.62	Good
8751	09/30/21 07:00:00	8.91	17.80					8.408380869	88.07160503			-0.50	-5.63	Good
8752	09/30/21 07:30:00	8.90	17.76					8.398227623	87.89282541			-0.50	-5.64	Good
8753	09/30/21 08:00:00	8.90	17.74					8.397511392	87.84912118			-0.50	-5.65	Good
8754	09/30/21 08:30:00	8.92	17.72					8.415664365	88.00274163			-0.50	-5.65	Good
8755	09/30/21 09:00:00	8.92	17.70					8.414946525	87.95895747			-0.51	-5.66	Fair
8756	09/30/21 09:30:00	8.91	17.70					8.404795693	87.85285382			-0.51	-5.67	Fair
8757	09/30/21 10:00:00	8.92	17.70					8.413510845	87.94395073			-0.51	-5.68	Fair
8758	09/30/21 10:30:00	8.90	17.70					8.393930241	87.73928044			-0.51	-5.69	Fair
8759	09/30/21 11:00:00	8.89	17.72					8.383783433	87.6693622			-0.51	-5.69	Fair
8760	09/30/21 11:30:00	8.88	17.74					8.373638235	87.59937625			-0.51	-5.70	Fair
8761	09/30/21 12:00:00	8.90	17.78					8.39178155	87.86154979			-0.51	-5.71	Fair
8762	09/30/21 12:30:00	8.88	17.82					8.372208993	87.72883936			-0.51	-5.72	Fair
8763	09/30/21 13:00:00	8.88	17.84					8.371494372	87.75745911			-0.51	-5.73	Fair
8764	09/30/21 13:30:00	8.87	17.88					8.361353198	87.72328751			-0.51	-5.73	Fair
8765	09/30/21 14:00:00	8.90	17.88					8.388916629	88.01246974			-0.51	-5.74	Fair
8766	09/30/21 14:30:00	8.90	17.92					8.388200398	88.07733596			-0.51	-5.75	Fair
8767	09/30/21 15:00:00	8.90	17.94					8.387484168	88.10600702			-0.51	-5.76	Fair
8768	09/30/21 15:30:00	8.90	17.96					8.386767938	88.13467483			-0.51	-5.77	Fair
8769	09/30/21 16:00:00	8.91	17.98					8.395474237	88.26239932			-0.51	-5.77	Fair
8770	09/30/21 16:30:00	8.90	18.02					8.385335477	88.2281947			-0.51	-5.78	Fair
8771	09/30/21 17:00:00	8.89	18.04					8.375198326	88.15768757			-0.51	-5.79	Fair
8772	09/30/21 17:30:00	8.89	18.06					8.374482901	88.18630999			-0.52	-5.80	Fair
8773	09/30/21 18:00:00	8.89	18.08					8.373767475	88.21492914			-0.52	-5.81	Fair
8774	09/30/21 18:30:00	8.88	18.12					8.363633543	88.18039837			-0.52	-5.81	Fair
8775	09/30/21 19:00:00	8.90	18.14					8.381754326	88.40764751			-0.52	-5.82	Fair
8776	09/30/21 19:30:00	8.87	18.16					8.352787405	88.13818902			-0.52	-5.83	Fair
8777	09/30/21 20:00:00	8.86	18.16					8.342657497	88.03129875			-0.52	-5.84	Fair
8778	09/30/21 20:30:00	8.85	18.18					8.332529199	87.96041476			-0.52	-5.85	Fair
8779	09/30/21 21:00:00	8.87	18.18					8.350645957	88.15166012			-0.52	-5.86	Fair
8780	09/30/21 21:30:00	8.88	18.18					8.359345819	88.2434982			-0.52	-5.86	Fair
8781	09/30/21 22:00:00	8.92	18.18					8.39628269	88.63341372			-0.52	-5.87	Fair
8782	09/30/21 22:30:00	8.90	18.16					8.376740713	88.39094312			-0.52	-5.88	Fair
8783	09/30/21 23:00:00	8.93	18.16					8.404258274	88.68130702			-0.53	-5.89	Fair
8784	09/30/21 23:30:00	8.97	18.14				8.723	8.441181464	89.034463		8.325	-0.53	-5.90	Fair

Appendix D. Temperature and Dissolved Oxygen values from the Holtwood Piney Channel Data Logger, April 1 through September 30, 2021.

Appendix D.

Temperature and Dissolved Oxygen values from the Holtwood Piney Channel Data Logger, April 1 through September 30, 2021.

Plot Title: HOLT-PINEY CHANNEL		RAW DATA VALUES						ADJUSTED DO VALUES AFTER FIELD CALIBRATION CHECKS						
#	Date Time, GMT-04:00	DO conc, mg/L (LGR S/N: 20568280, SEN S/N: 20568280)	Temp, °C (LGR S/N: 20568280, SEN S/N: 20568280)	Min: Dissolved Oxygen, mg/L (LGR S/N: 20568280)	Max: Dissolved Oxygen, mg/L (LGR S/N: 20568280)	Avg: Dissolved Oxygen, mg/L (LGR S/N: 20568280)	Calculated Rolling 7-Day Raw Data DO Average	DO Adj Conc, mg/L (LGR S/N: 20568280)	DO Percent Sat, % (LGR S/N: 20568280)	Calculated DO Adj. Daily Average	Calculated Rolling 7-Day Adj. DO Average	Correction Diff = DO Adj Conc. - Raw DO Conc.	Correction difference Percentage	DO Adj Conc. Accuracy Rating
1	04/01/21 00:00:00	11.60	11.88	11.01	11.82	11.25125		11.28513557	104.8076763	10.974		-0.31	-2.71	Good
2	04/01/21 00:30:00	11.70	11.88					11.38368215	105.7229013			-0.32	-2.70	Good
3	04/01/21 01:00:00	11.73	11.86					11.41413524	105.9573964			-0.32	-2.69	Good
4	04/01/21 01:30:00	11.70	11.84					11.38620401	105.6499041			-0.31	-2.68	Good
5	04/01/21 02:00:00	11.75	11.80					11.43612932	106.016328			-0.31	-2.67	Good
6	04/01/21 02:30:00	11.81	11.78					11.49579936	106.5208313			-0.31	-2.66	Good
7	04/01/21 03:00:00	11.82	11.72					11.50680718	106.4767534			-0.31	-2.65	Good
8	04/01/21 03:30:00	11.80	11.70					11.48860882	106.2597519			-0.31	-2.64	Good
9	04/01/21 04:00:00	11.74	11.68					11.43145741	105.6827919			-0.31	-2.63	Good
10	04/01/21 04:30:00	11.70	11.66					11.39376959	105.2861772			-0.31	-2.62	Good
11	04/01/21 05:00:00	11.57	11.62					11.26841907	104.0325399			-0.30	-2.61	Excellent
12	04/01/21 05:30:00	11.24	11.58					10.94823213	100.9839173			-0.29	-2.60	Excellent
13	04/01/21 06:00:00	11.32	11.58					11.02737547	101.7139169			-0.29	-2.59	Excellent
14	04/01/21 06:30:00	11.13	11.52					10.84348651	99.88025391			-0.29	-2.57	Excellent
15	04/01/21 07:00:00	11.44	11.60					11.14673926	102.8620302			-0.29	-2.56	Excellent
16	04/01/21 07:30:00	11.49	11.60					11.19669583	103.3230291			-0.29	-2.55	Excellent
17	04/01/21 08:00:00	11.21	11.54					10.92505148	100.6777338			-0.28	-2.54	Excellent
18	04/01/21 08:30:00	11.06	11.48					10.78005631	99.20487664			-0.28	-2.53	Excellent
19	04/01/21 09:00:00	11.01	11.46					10.73250845	98.72196102			-0.28	-2.52	Excellent
20	04/01/21 09:30:00	11.01	11.46					10.73369501	98.73287555			-0.28	-2.51	Excellent
21	04/01/21 10:00:00	11.02	11.46					10.7446317	98.83347563			-0.28	-2.50	Excellent
22	04/01/21 10:30:00	11.04	11.46					10.76532174	99.02379101			-0.27	-2.49	Excellent
23	04/01/21 11:00:00	11.03	11.46					10.75675927	98.9450299			-0.27	-2.48	Excellent
24	04/01/21 11:30:00	11.09	11.48					10.81646811	99.53996096			-0.27	-2.47	Excellent
25	04/01/21 12:00:00	11.08	11.54					10.80790887	99.59822829			-0.27	-2.46	Excellent
26	04/01/21 12:30:00	11.07	11.52					10.79934747	99.47368554			-0.27	-2.44	Excellent
27	04/01/21 13:00:00	11.07	11.54					10.8005405	99.53032656			-0.27	-2.43	Excellent
28	04/01/21 13:30:00	11.07	11.50					10.80173354	99.45001162			-0.27	-2.42	Excellent
29	04/01/21 14:00:00	11.08	11.52					10.81268531	99.59654152			-0.27	-2.41	Excellent
30	04/01/21 14:30:00	11.08	11.52					10.81387943	99.60754059			-0.27	-2.40	Excellent
31	04/01/21 15:00:00	11.08	11.50					10.81507354	99.57283108			-0.26	-2.39	Excellent
32	04/01/21 15:30:00	11.08	11.52					10.81626765	99.62953872			-0.26	-2.38	Excellent
33	04/01/21 16:00:00	11.07	11.46					10.80769871	99.41359153			-0.26	-2.37	Excellent
34	04/01/21 16:30:00	11.08	11.42					10.81865587	99.42296583			-0.26	-2.36	Excellent
35	04/01/21 17:00:00	11.07	11.40					10.81008478	99.29853412			-0.26	-2.35	Excellent
36	04/01/21 17:30:00	11.06	11.38					10.80151153	99.1741598			-0.26	-2.34	Excellent
37	04/01/21 18:00:00	11.06	11.36					10.80270348	99.13948075			-0.26	-2.33	Excellent
38	04/01/21 18:30:00	11.07	11.34					10.81366388	99.19440291			-0.26	-2.32	Excellent
39	04/01/21 19:00:00	11.08	11.34					10.82462643	99.29496308			-0.26	-2.30	Excellent
40	04/01/21 19:30:00	11.09	11.30					10.83559114	99.30404315			-0.25	-2.29	Excellent
41	04/01/21 20:00:00	11.09	11.30					10.83678633	99.31499661			-0.25	-2.28	Excellent
42	04/01/21 20:30:00	11.10	11.26					10.84775427	99.32393023			-0.25	-2.27	Excellent
43	04/01/21 21:00:00	11.08	11.24					10.82940288	99.11019468			-0.25	-2.26	Excellent
44	04/01/21 21:30:00	11.11	11.24					10.85992172	99.38950163			-0.25	-2.25	Excellent
45	04/01/21 22:00:00	11.11	11.24					10.86111906	99.40045967			-0.25	-2.24	Excellent
46	04/01/21 22:30:00	11.12	11.22					10.87209347	99.45501458			-0.25	-2.23	Excellent
47	04/01/21 23:00:00	11.13	11.22					10.88307003	99.55542525			-0.25	-2.22	Excellent
48	04/01/21 23:30:00	11.12	11.22				N/A	10.87449031	99.47694028		N/A	-0.25	-2.21	Excellent
49	04/02/21 00:00:00	11.11	11.18	11.05	11.56	11.27875		10.86590844	99.30673756	11.060		-0.24	-2.20	Excellent
50	04/02/21 00:30:00	11.10	11.14					10.85732441	99.13667932			-0.24	-2.19	Excellent
51	04/02/21 01:00:00	11.11	11.10					10.86830313	99.14524492			-0.24	-2.18	Excellent
52	04/02/21 01:30:00	11.10	11.06					10.85971695	98.97533044			-0.24	-2.16	Excellent
53	04/02/21 02:00:00	11.08	11.02					10.841344	98.7164663			-0.24	-2.15	Excellent
54	04/02/21 02:30:00	11.07	10.98					10.83275243	98.54691379			-0.24	-2.14	Excellent
55	04/02/21 03:00:00	11.05	10.94					10.81437194	98.28855707			-0.24	-2.13	Excellent
56	04/02/21 03:30:00	11.06	10.88					10.82535066	98.25151641			-0.23	-2.12	Excellent
57	04/02/21 04:00:00	11.06	10.80					10.82654262	98.07995243			-0.23	-2.11	Excellent
58	04/02/21 04:30:00	11.06	10.76					10.82773457	97.99957884			-0.23	-2.10	Excellent
59	04/02/21 05:00:00	11.05	10.70					10.81913546	97.78513776			-0.23	-2.09	Excellent
60	04/02/21 05:30:00	11.05	10.64					10.82032634	97.6593181			-0.23	-2.08	Excellent
61	04/02/21 06:00:00	11.06	10.56					10.83131044	97.57622921			-0.23	-2.07	Excellent
62	04/02/21 06:30:00	11.05	10.48					10.82270809	97.31673058			-0.23	-2.06	Excellent
63	04/02/21 07:00:00	11.06	10.42					10.83369436	97.27892976			-0.23	-2.05	Excellent
64	04/02/21 07:30:00	11.06	10.34					10.83488631	97.10756488			-0.23	-2.04	Excellent
65	04/02/21 08:00:00	11.09	10.30					10.86547089	97.29041806			-0.22	-2.02	Excellent
66	04/02/21 08:30:00	11.10	10.24					10.87646469	97.2518657			-0.22	-2.01	Excellent
67	04/02/21 09:00:00	11.13	10.20					10.90706004	97.43387437			-0.22	-2.00	Excellent
68	04/02/21 09:30:00	11.15	10.16					10.92786109	97.52797839			-0.22	-1.99	Excellent
69	04/02/21 10:00:00	11.17	10.12					10.94866644	97.62179209			-0.22	-1.98	Excellent
70	04/02/21 10:30:00	11.21	10.10					10.98908197	97.93605385			-0.22	-1.97	Excellent
71	04/02/21 11:00:00	11.24	10.06					11.01970211	98.11651107			-0.22	-1.96	Excellent
72	04/02/21 11:30:00	11.26	10.02					11.04052363	98.20931318			-0.22	-1.95	Excellent
73	04/02/21 12:00:00	11.48	10.06					11.25747268	100.2335573			-0.22	-1.94	Excellent
74	04/02/21 12:30:00	11.36	10.02					11.14102304	99.1032905			-0.22	-1.93	Excellent
75	04/02/21 13:00:00	11.43	10.04					11.21090554	99.77192517			-0.22	-1.92	Excellent
76	04/02/21 13:30:00	11.47	10.04					11.25137495	100.1320844			-0.22	-1.91	Excellent
77	04/02/21 14:00:00	11.56	10.04					11.34090533	100.9288638			-0.22	-1.90	Excellent
78	04/02/21 14:30:00	11.56	10.02					11.34215118	100.8923956			-0.22	-1.88	Excellent
79	04/02/21 15:00:00	11.56	10.02					11.34339702	100.9034778			-0.22	-1.87	Excellent
80	04/02/21 15:30:00	11.53	10.04					11.31520175	100.7001137			-0.21	-1.86	Excellent
81	04/02/21 16:00:00	11.54	10.06					11.32625914	100.8460138			-0.21	-1.85	Excellent
82	04/02/21 16:30:00	11.45	10.06					11.23916008	100.0705068			-0.21	-1.84	Excellent
83	04/02/21 17:00:00	11.39	10.04					11.18149244	99.51016209			-0.21	-1.83	Excellent
84	04/02/21 17:30:00	11.41	10.04					11.202356	99.69583816			-0.21	-1.82	Excellent
85	04/02/21 18:00:00	11.40	10.02					11.19376658	99.57246274			-0.21	-1.81	Excellent
86	04/02/21 18:30:00	11.41	10.00					11.20481535	99.62377079			-0.21	-1.80	Excellent
87	04/02/21 19:00:00	11.40	9.96					11.19622378	99.45352034			-0.20	-1.79	Excellent
88	04/02/21 19:30:00	11.39	9.92					11.18763005	99.28341584			-0.20	-1.78	Excellent
89	04/02/21 20:00:00	11.40	9.92					11.19868097	99.38148609			-0.20	-1.77	Excellent
90	04/02/21 20:30:00	11.42	9.90					11.21955854	99.51975171			-0.20	-1.76	Excellent
91	04/02/21 21:00:00	11.42	9.88					11.22078929	99.48365882			-0.20	-1.74	Excellent
92	04/02/21 21:30:00	11.42	9.86					11.22202005	99.44756091			-0.20	-1.73	Excellent
93	04/02/21 22:00:00	11.46	9.84					11.26256166	99.75965925			-0.20	-1.72	Excellent
94	04/02/21 22:30:00	11.46	9.82					11.26379673	99.72342485			-0.20	-1.71	Excellent
95	04/02/21 23:00:00	11.48	9.80					11.28469153	99.86115958			-0.20	-1.70	Excellent
96	04/02/21 23:30:00	11.50	9.76				N/A	11.30559065	99.95142965		N/A	-0.19	-1.69	Excellent
97	04/03/21 00:00:00	11.50	9.74	11.50	12.50	11.86396		11.30683003	99.91505387	11.695		-0.19	-1.68	Excellent
98	04/03/21 00:30:00	11.52	9.72					11.32773561	100.0523751			-0.19	-1.67	Excellent
99	04/03/21 01:00:00	11.51	9.70					11.31914296	99.92910667			-0.19	-1.66	Excellent
100	04/03/21 01:30:00	11.52	9.64					11.33021867	99.88465871			-0.19	-1.65	Excellent
101	04/03/21 02:00:00	11.55	9.58					11.36096922	100.0131833			-0.19	-1.64	Excellent
102	04/03/21 02:30:00	11.55	9.54					11.36221398	99.92911454			-0.19	-1.63	Excellent
103	04/03/21 03:00:00	11.57	9.46					11.38313573	99.9227805			-0.19	-1.62	Excellent
104	04/03/21 03:30:00	11.62	9.38					11.4335805	100.1744984			-0.19	-1.60	Excellent
105	04/03/21 04:00:00	11.63	9.30					11.44467346	100.080498			-0.19	-1.59	Excellent
106	04/03/21 04:30:00	11.63	9.24					11.44592685	99.94810813			-0.18	-1.58	Excellent
107	04/03/21 05:00:00	11.66	9.16					11.47670864	100.0253311			-0.18	-1.57	Excellent

108	04/03/21 05:30:00	11.68	9.10					11.49765302	100.0639913			-0.18	-1.56	Excellent
109	04/03/21 06:00:00	11.69	9.06					11.50875676	100.064642			-0.18	-1.55	Excellent
110	04/03/21 06:30:00	11.68	8.98					11.50017057	99.79822896			-0.18	-1.54	Excellent
111	04/03/21 07:00:00	11.69	8.94					11.51127646	99.79866739			-0.18	-1.53	Excellent
112	04/03/21 07:30:00	11.70	8.88					11.52238451	99.75096655			-0.18	-1.52	Excellent
113	04/03/21 08:00:00	11.70	8.84					11.52364544	99.66589812			-0.18	-1.51	Excellent
114	04/03/21 08:30:00	11.71	8.80					11.53475672	99.66594332			-0.18	-1.50	Excellent
115	04/03/21 09:00:00	11.72	8.78					11.54587015	99.71390403			-0.17	-1.49	Excellent
116	04/03/21 09:30:00	11.74	8.76					11.56683824	99.84684497			-0.17	-1.47	Excellent
117	04/03/21 10:00:00	11.76	8.76					11.58781064	100.0278822			-0.17	-1.46	Excellent
118	04/03/21 10:30:00	11.78	8.78					11.60878736	100.2572776			-0.17	-1.45	Excellent
119	04/03/21 11:00:00	11.80	8.80					11.62976838	100.4868906			-0.17	-1.44	Excellent
120	04/03/21 11:30:00	11.83	8.80					11.66061053	100.7533819			-0.17	-1.43	Excellent
121	04/03/21 12:00:00	11.84	8.82					11.67174336	100.8981696			-0.17	-1.42	Excellent
122	04/03/21 12:30:00	11.84	8.84					11.67301938	100.957806			-0.17	-1.41	Excellent
123	04/03/21 13:00:00	11.89	8.88					11.72359563	101.4928807			-0.17	-1.40	Excellent
124	04/03/21 13:30:00	11.87	8.90					11.70515479	101.3819924			-0.16	-1.39	Excellent
125	04/03/21 14:00:00	11.92	8.94					11.75574505	101.918123			-0.16	-1.38	Excellent
126	04/03/21 14:30:00	11.88	8.94					11.71757657	101.5872159			-0.16	-1.37	Excellent
127	04/03/21 15:00:00	11.95	8.96					11.78790741	102.2460781			-0.16	-1.36	Excellent
128	04/03/21 15:30:00	11.97	8.98					11.80892615	102.4776031			-0.16	-1.35	Excellent
129	04/03/21 16:00:00	11.99	8.96					11.82994921	102.6107407			-0.16	-1.33	Excellent
130	04/03/21 16:30:00	12.02	8.96					11.86084416	102.8787178			-0.16	-1.32	Excellent
131	04/03/21 17:00:00	12.02	8.96					11.86213958	102.889954			-0.16	-1.31	Excellent
132	04/03/21 17:30:00	12.01	8.94					11.85356525	102.7661893			-0.16	-1.30	Excellent
133	04/03/21 18:00:00	12.05	8.92					11.89434289	103.0701603			-0.16	-1.29	Excellent
134	04/03/21 18:30:00	12.06	8.88					11.90551344	103.0677697			-0.15	-1.28	Excellent
135	04/03/21 19:00:00	12.05	8.84					11.89694019	102.894456			-0.15	-1.27	Excellent
136	04/03/21 19:30:00	12.19	8.90					12.03647564	104.2516655			-0.15	-1.26	Excellent
137	04/03/21 20:00:00	12.25	8.90					12.09704019	104.776234			-0.15	-1.25	Excellent
138	04/03/21 20:30:00	12.50	8.88					12.34526571	106.8747693			-0.15	-1.24	Excellent
139	04/03/21 21:00:00	12.30	8.86					12.14906705	105.125649			-0.15	-1.23	Excellent
140	04/03/21 21:30:00	12.26	8.84					12.11087917	104.7447751			-0.15	-1.22	Excellent
141	04/03/21 22:00:00	12.24	8.84					12.09244156	104.5853116			-0.15	-1.21	Excellent
142	04/03/21 22:30:00	12.21	8.82					12.06411912	104.2901218			-0.15	-1.19	Excellent
143	04/03/21 23:00:00	12.22	8.84					12.07531661	104.4372011			-0.14	-1.18	Excellent
144	04/03/21 23:30:00	12.20	8.82				N/A	12.05686823	104.2274403		N/A	-0.14	-1.17	Excellent
145	04/04/21 00:00:00	12.24	8.82	12.16	12.49	12.28021		12.09771807	104.5805731	12.169		-0.14	-1.16	Excellent
146	04/04/21 00:30:00	12.23	8.82					12.08915236	104.5065255			-0.14	-1.15	Excellent
147	04/04/21 01:00:00	12.23	8.82					12.09047041	104.5179196			-0.14	-1.14	Excellent
148	04/04/21 01:30:00	12.25	8.80					12.11156244	104.6498271			-0.14	-1.13	Excellent
149	04/04/21 02:00:00	12.24	8.78					12.10299458	104.5254125			-0.14	-1.12	Excellent
150	04/04/21 02:30:00	12.25	8.76					12.11420285	104.5717861			-0.14	-1.11	Excellent
151	04/04/21 03:00:00	12.25	8.76					12.11552306	104.5831823			-0.13	-1.10	Excellent
152	04/04/21 03:30:00	12.22	8.74					12.08716936	104.2881224			-0.13	-1.09	Excellent
153	04/04/21 04:00:00	12.22	8.74					12.08848633	104.2994852			-0.13	-1.08	Excellent
154	04/04/21 04:30:00	12.20	8.72					12.07001639	104.0898977			-0.13	-1.07	Excellent
155	04/04/21 05:00:00	12.19	8.70					12.06143668	103.9657205			-0.13	-1.05	Excellent
156	04/04/21 05:30:00	12.18	8.66					12.0528548	103.7914627			-0.13	-1.04	Excellent
157	04/04/21 06:00:00	12.17	8.62					12.04427077	103.6173533			-0.13	-1.03	Excellent
158	04/04/21 06:30:00	12.17	8.58					12.04558236	103.5284608			-0.12	-1.02	Excellent
159	04/04/21 07:00:00	12.16	8.54					12.0369951	103.354575			-0.12	-1.01	Excellent
160	04/04/21 07:30:00	12.17	8.50					12.04820552	103.3506827			-0.12	-1.00	Excellent
161	04/04/21 08:00:00	12.18	8.46					12.05941811	103.3466468			-0.12	-0.99	Excellent
162	04/04/21 08:30:00	12.18	8.44					12.06073077	103.3077903			-0.12	-0.98	Excellent
163	04/04/21 09:00:00	12.24	8.42					12.12146236	103.777643			-0.12	-0.97	Excellent
164	04/04/21 09:30:00	12.27	8.46					12.15249419	104.144289			-0.12	-0.96	Excellent
165	04/04/21 10:00:00	12.49	8.50					12.37173339	106.1259363			-0.12	-0.95	Excellent
166	04/04/21 10:30:00	12.38	8.54					12.26410919	105.3046697			-0.12	-0.94	Excellent
167	04/04/21 11:00:00	12.37	8.56					12.25553594	105.282002			-0.11	-0.93	Excellent
168	04/04/21 11:30:00	12.39	8.64					12.27668616	105.6678906			-0.11	-0.91	Excellent
169	04/04/21 12:00:00	12.35	8.66					12.23838297	105.3891124			-0.11	-0.90	Excellent
170	04/04/21 12:30:00	12.37	8.66					12.25953535	105.5712632			-0.11	-0.89	Excellent
171	04/04/21 13:00:00	12.28	8.66					12.17166249	104.8145584			-0.11	-0.88	Excellent
172	04/04/21 13:30:00	12.33	8.74					12.2225502	105.4561886			-0.11	-0.87	Excellent
173	04/04/21 14:00:00	12.30	8.80					12.19413723	105.3633137			-0.11	-0.86	Excellent
174	04/04/21 14:30:00	12.32	8.86					12.21529285	105.6986996			-0.10	-0.85	Excellent
175	04/04/21 15:00:00	12.32	8.88					12.2166206	105.7610698			-0.10	-0.84	Excellent
176	04/04/21 15:30:00	12.31	8.92					12.20803118	105.7884191			-0.10	-0.83	Excellent
177	04/04/21 16:00:00	12.31	8.96					12.20935785	105.9016595			-0.10	-0.82	Excellent
178	04/04/21 16:30:00	12.30	8.96					12.2007652	105.8271285			-0.10	-0.81	Excellent
179	04/04/21 17:00:00	12.31	9.00					12.21201119	106.0264645			-0.10	-0.80	Excellent
180	04/04/21 17:30:00	12.33	9.04					12.23318082	106.3122531			-0.10	-0.79	Excellent
181	04/04/21 18:00:00	12.32	9.08					12.22458709	106.3395126			-0.10	-0.77	Excellent
182	04/04/21 18:30:00	12.31	9.10					12.21599121	106.3156833			-0.09	-0.76	Excellent
183	04/04/21 19:00:00	12.30	9.12					12.20739317	106.2917694			-0.09	-0.75	Excellent
184	04/04/21 19:30:00	12.29	9.14					12.19879298	106.2677711			-0.09	-0.74	Excellent
185	04/04/21 20:00:00	12.29	9.18					12.20011749	106.3811081			-0.09	-0.73	Excellent
186	04/04/21 20:30:00	12.29	9.20					12.20144201	106.4435713			-0.09	-0.72	Excellent
187	04/04/21 21:00:00	12.30	9.24					12.21269554	106.6436848			-0.09	-0.71	Excellent
188	04/04/21 21:30:00	12.31	9.28					12.22395124	106.8440288			-0.09	-0.70	Excellent
189	04/04/21 22:00:00	12.32	9.32					12.23520908	107.0446033			-0.08	-0.69	Excellent
190	04/04/21 22:30:00	12.33	9.36					12.24646909	107.2454085			-0.08	-0.68	Excellent
191	04/04/21 23:00:00	12.34	9.38					12.25773125	107.3952362			-0.08	-0.67	Excellent
192	04/04/21 23:30:00	12.35	9.42				N/A	12.26899556	107.5964439		N/A	-0.08	-0.66	Excellent
193	04/05/21 00:00:00	12.38	9.46	12.10	12.39	12.21833		12.300133	107.9723127	12.170		-0.08	-0.65	Excellent
194	04/05/21 00:30:00	12.39	9.48					12.31140378	108.1227052			-0.08	-0.63	Excellent
195	04/05/21 01:00:00	12.38	9.50					12.30280143	108.0985826			-0.08	-0.62	Excellent
196	04/05/21 01:30:00	12.38	9.50					12.30413565	108.1103057			-0.08	-0.61	Excellent
197	04/05/21 02:00:00	12.37	9.50					12.29553007	108.0346927			-0.07	-0.60	Excellent
198	04/05/21 02:30:00	12.36	9.50					12.28692233	107.9590608			-0.07	-0.59	Excellent
199	04/05/21 03:00:00	12.36	9.50					12.28825439	107.9707649			-0.07	-0.58	Excellent
200	04/05/21 03:30:00	12.36	9.50					12.28958645	107.9824691			-0.07	-0.57	Excellent
201	04/05/21 04:00:00	12.36	9.50					12.29091851	107.9941732			-0.07	-0.56	Excellent
202	04/05/21 04:30:00	12.34	9.50					12.27236019	107.8311106			-0.07	-0.55	Excellent
203	04/05/21 05:00:00	12.35	9.50					12.28363636	107.9301887			-0.07	-0.54	Excellent
204	04/05/21 05:30:00	12.34	9.50					12.27502	107.854481			-0.06	-0.53	Excellent
205	04/05/21 06:00:00	12.33	9.50					12.26640149	107.7787544			-0.06	-0.52	Excellent
206	04/05/21 06:30:00	12.32	9.48					12.25778082	107.6517711			-0.06	-0.51	Excellent
207	04/05/21 07:00:00	12.30	9.46					12.23920742	107.4374992			-0.06	-0.49	Excellent
208	04/05/21 07:30:00	12.29	9.46					12.23058136	107.3617784			-0.06	-0.48	Excellent
209	04/05/21 08:00:00	12.27	9.42					12.21200041	107.0966088			-0.06	-0.47	Excellent
210	04/05/21 08:30:00	12.27	9.42					12.21332277	107.1082056			-0.06	-0.46	Excellent
211	04/05/21 09:00:00	12.23	9.42					12.17482559	106.7705936			-0.06	-0.45	Excellent
212	04/05/21 09:30:00	12.22	9.44					12.16618768	106.7456783			-0.05	-0.44	Excellent
213	04/05/21 10:00:00	12.20	9.46					12.14759056	106.6332735			-0.05	-0.43	Excellent
214	04/05/21 10:30:00	12.20	9.48					12.14890538	106.695592			-0.05	-0.42	Excellent
215	04/05/21 11:00:00	12.19	9.52					12.140261	106.7211732			-0.05	-0.41	Excellent
216	04/05/21 11:30:00	12.17	9.56					12.12165419	106.6589733			-0.05	-0.40	Excellent
217	04/05/21 12:00:00	12.16	9.60					12.11300442	106.6841811			-0.05	-0.39	Excellent
218	04/05/21 12:30:00	12.15	9.66					12.1043525	106.7598911			-0.05	-0.38	Excellent
219	04/05/21 13:00:00	12.14	9.72					12.09569842	106.8354168			-0.04	-0.36	Excellent
220	04/05/21 13:30:00	12.16	9.78					12.11693594	107.1751702			-0.04	-0.35	Excellent
221	04/05/21 14:00:00	12.13	9.84					12.08834945	107.074186			-0.04	-0.34	Excellent
222	04/05/21 14:30:00	12.14	9.90					12.09962347	107.3261055			-0.04	-0.33	Excellent
223	04/05/21 15:00:00	12.12	9.96					12.08099618	107.3127532			-0.04	-0.32	Excellent

224	04/05/21 15:30:00	12.14	10.00					12.10224017	107.6029156			-0.04	-0.31	Excellent
225	04/05/21 16:00:00	12.13	10.06					12.09357854	107.6780227			-0.04	-0.30	Excellent
226	04/05/21 16:30:00	12.14	10.10					12.10485687	107.8799774			-0.04	-0.29	Excellent
227	04/05/21 17:00:00	12.13	10.16					12.09619309	107.9550013			-0.03	-0.28	Excellent
228	04/05/21 17:30:00	12.15	10.20					12.11744678	108.2463819			-0.03	-0.27	Excellent
229	04/05/21 18:00:00	12.14	10.24					12.10878192	108.2706253			-0.03	-0.26	Excellent
230	04/05/21 18:30:00	12.13	10.28					12.10011491	108.2947263			-0.03	-0.25	Excellent
231	04/05/21 19:00:00	12.12	10.32					12.09144574	108.3186849			-0.03	-0.24	Excellent
232	04/05/21 19:30:00	12.12	10.38					12.09275193	108.4827647			-0.03	-0.22	Excellent
233	04/05/21 20:00:00	12.12	10.42					12.09405813	108.596107			-0.03	-0.21	Excellent
234	04/05/21 20:30:00	12.13	10.50					12.105344	108.9009516			-0.02	-0.20	Excellent
235	04/05/21 21:00:00	12.12	10.54					12.09667052	108.9246373			-0.02	-0.19	Excellent
236	04/05/21 21:30:00	12.12	10.60					12.09797671	109.0890267			-0.02	-0.18	Excellent
237	04/05/21 22:00:00	12.12	10.64					12.09928291	109.2025953			-0.02	-0.17	Excellent
238	04/05/21 22:30:00	12.10	10.68					12.08062113	109.1358182			-0.02	-0.16	Excellent
239	04/05/21 23:00:00	12.11	10.70					12.09191023	109.288687			-0.02	-0.15	Excellent
240	04/05/21 23:30:00	12.10	10.72				N/A	12.08322921	109.2610789		N/A	-0.02	-0.14	Excellent
241	04/06/21 00:00:00	12.10	10.74	11.40	12.10	11.89313		12.08453325	109.3237339	11.606		-0.02	-0.13	Excellent
242	04/06/21 00:30:00	12.10	10.76					12.08583729	109.3864055			-0.01	-0.12	Excellent
243	04/06/21 01:00:00	12.10	10.78					12.08714133	109.4490934			-0.01	-0.11	Excellent
244	04/06/21 01:30:00	12.08	10.80					12.06846447	109.3307866			-0.01	-0.10	Excellent
245	04/06/21 02:00:00	12.07	10.82					12.05977482	109.3028464			-0.01	-0.08	Excellent
246	04/06/21 02:30:00	12.06	10.82					12.05108302	109.2240689			-0.01	-0.07	Excellent
247	04/06/21 03:00:00	12.06	10.84					12.05238275	109.2866043			-0.01	-0.06	Excellent
248	04/06/21 03:30:00	12.05	10.84					12.04368772	109.2077609			-0.01	-0.05	Excellent
249	04/06/21 04:00:00	12.04	10.84					12.03499053	109.128898			-0.01	-0.04	Excellent
250	04/06/21 04:30:00	12.02	10.84					12.01629427	108.9593672			0.00	-0.03	Excellent
251	04/06/21 05:00:00	12.02	10.84					12.01758968	108.9711135			0.00	-0.02	Excellent
252	04/06/21 05:30:00	12.00	10.82					11.99888696	108.7509939			0.00	-0.01	Excellent
253	04/06/21 06:00:00	11.98	10.82					11.98017992	108.5814441			0.00	0.00	Excellent
254	04/06/21 06:30:00	11.96	10.80					11.96146857	108.361488			0.00	0.01	Excellent
255	04/06/21 07:00:00	11.94	10.78					11.94275291	108.141656			0.00	0.02	Excellent
256	04/06/21 07:30:00	11.94	10.78					11.94403971	108.1533079			0.00	0.03	Excellent
257	04/06/21 08:00:00	11.94	10.76					11.9453265	108.1146715			0.01	0.04	Excellent
258	04/06/21 08:30:00	11.93	10.76					11.93660776	108.0357599			0.01	0.06	Excellent
259	04/06/21 09:00:00	11.91	10.78					11.91788024	107.9164339			0.01	0.07	Excellent
260	04/06/21 09:30:00	11.91	10.78					11.91916381	107.9280566			0.01	0.08	Excellent
261	04/06/21 10:00:00	11.40	10.82					11.41	103.413662			0.01	0.09	Excellent
262	04/06/21 10:30:00	11.89	10.86					11.38000000	103.1135712			-0.51	-4.29	Fair
263	04/06/21 11:00:00	11.89	10.88					11.38	103.1614455			-0.51	-4.29	Fair
264	04/06/21 11:30:00	11.89	10.92					11.37990291	103.2563287			-0.51	-4.29	Fair
265	04/06/21 12:00:00	11.87	10.98					11.36066402	103.2252036			-0.51	-4.29	Fair
266	04/06/21 12:30:00	11.87	11.04					11.36056709	103.3678078			-0.51	-4.29	Fair
267	04/06/21 13:00:00	11.89	11.08					11.37961165	103.6369333			-0.51	-4.29	Fair
268	04/06/21 13:30:00	11.88	11.14					11.36994391	103.6925662			-0.51	-4.29	Fair
269	04/06/21 14:00:00	11.86	11.18					11.35070574	103.6127659			-0.51	-4.29	Fair
270	04/06/21 14:30:00	11.86	11.24					11.3506089	103.7553927			-0.51	-4.30	Fair
271	04/06/21 15:00:00	11.83	11.28					11.32180082	103.5875155			-0.51	-4.30	Fair
272	04/06/21 15:30:00	11.87	11.32					11.35998555	104.0326805			-0.51	-4.30	Fair
273	04/06/21 16:00:00	11.82	11.36					11.31203737	103.6889936			-0.51	-4.30	Fair
274	04/06/21 16:30:00	11.82	11.42					11.31194086	103.8312658			-0.51	-4.30	Fair
275	04/06/21 17:00:00	11.72	11.48					11.21614346	103.0939392			-0.50	-4.30	Good
276	04/06/21 17:30:00	11.62	11.50					11.12034769	102.2603611			-0.50	-4.30	Good
277	04/06/21 18:00:00	11.50	11.54					11.00541371	101.2963671			-0.49	-4.30	Good
278	04/06/21 18:30:00	11.52	11.52					11.02445949	101.4251288			-0.50	-4.30	Good
279	04/06/21 19:00:00	11.61	11.50					11.11049328	102.169742			-0.50	-4.30	Good
280	04/06/21 19:30:00	11.69	11.48					11.18695592	102.82566			-0.50	-4.30	Good
281	04/06/21 20:00:00	11.78	11.46					11.27298685	103.5688447			-0.51	-4.30	Fair
282	04/06/21 20:30:00	11.88	11.48					11.36858583	104.4951236			-0.51	-4.30	Fair
283	04/06/21 21:00:00	11.89	11.48					11.37805826	104.58219			-0.51	-4.31	Fair
284	04/06/21 21:30:00	11.89	11.50					11.37796118	104.6293201			-0.51	-4.31	Fair
285	04/06/21 22:00:00	12.00	11.52					11.48312608	105.6448656			-0.52	-4.31	Fair
286	04/06/21 22:30:00	12.01	11.56					11.49259728	105.8290385			-0.52	-4.31	Fair
287	04/06/21 23:00:00	11.97	11.62					11.45422278	105.6207768			-0.52	-4.31	Fair
288	04/06/21 23:30:00	11.94	11.68				N/A	11.42541796	105.499952		N/A	-0.51	-4.31	Fair
289	04/07/21 00:00:00	12.01	11.74	11.33	12.01	11.64063		11.49230308	106.2632359	11.137		-0.52	-4.31	Fair
290	04/07/21 00:30:00	11.94	11.80					11.42522297	105.7878565			-0.51	-4.31	Fair
291	04/07/21 01:00:00	11.51	11.84					11.01366786	102.0703337			-0.50	-4.31	Good
292	04/07/21 01:30:00	11.58	11.86					11.08055478	102.7370692			-0.50	-4.31	Good
293	04/07/21 02:00:00	11.73	11.90					11.2239895	104.1619076			-0.51	-4.31	Fair
294	04/07/21 02:30:00	11.82	11.94					11.31001055	105.0558906			-0.51	-4.31	Fair
295	04/07/21 03:00:00	11.80	11.96					11.29077712	104.9250032			-0.51	-4.32	Fair
296	04/07/21 03:30:00	11.81	11.98					11.30024915	105.0608386			-0.51	-4.32	Fair
297	04/07/21 04:00:00	11.84	12.00					11.32885759	105.3747554			-0.51	-4.32	Fair
298	04/07/21 04:30:00	11.81	12.02					11.30005628	105.1546825			-0.51	-4.32	Fair
299	04/07/21 05:00:00	11.82	12.04					11.30952797	105.2906889			-0.51	-4.32	Fair
300	04/07/21 05:30:00	11.81	12.04					11.29986341	105.2007127			-0.51	-4.32	Fair
301	04/07/21 06:00:00	11.82	12.06					11.30933494	105.3367617			-0.51	-4.32	Fair
302	04/07/21 06:30:00	11.81	12.06					11.29967054	105.2467462			-0.51	-4.32	Fair
303	04/07/21 07:00:00	11.78	12.08					11.2708707	105.0262122			-0.51	-4.32	Fair
304	04/07/21 07:30:00	11.78	12.10					11.27077452	105.0730322			-0.51	-4.32	Fair
305	04/07/21 08:00:00	11.78	12.10					11.27067833	105.0721355			-0.51	-4.32	Fair
306	04/07/21 08:30:00	11.79	12.12					11.2801497	105.2081942			-0.51	-4.32	Fair
307	04/07/21 09:00:00	11.77	12.14					11.26091847	105.0765118			-0.51	-4.33	Fair
308	04/07/21 09:30:00	11.79	12.18					11.27995715	105.3497073			-0.51	-4.33	Fair
309	04/07/21 10:00:00	11.75	12.18					11.24159164	104.9913907			-0.51	-4.33	Fair
310	04/07/21 10:30:00	11.75	12.20					11.24149569	105.0381109			-0.51	-4.33	Fair
311	04/07/21 11:00:00	11.74	12.24					11.2318326	105.0429862			-0.51	-4.33	Fair
312	04/07/21 11:30:00	11.73	12.28					11.22216967	105.0477182			-0.51	-4.33	Fair
313	04/07/21 12:00:00	11.60	12.32					11.09770308	103.9766862			-0.50	-4.33	Good
314	04/07/21 12:30:00	11.33	12.38					10.83930196	101.6935208			-0.49	-4.33	Good
315	04/07/21 13:00:00	11.47	12.30					10.97314496	102.7631676			-0.50	-4.33	Good
316	04/07/21 13:30:00	11.55	12.32					11.04958522	103.52586			-0.50	-4.33	Good
317	04/07/21 14:00:00	11.55	12.38					11.04949091	103.6654978			-0.50	-4.33	Good
318	04/07/21 14:30:00	11.58	12.48					11.07809633	104.168774			-0.50	-4.33	Good
319	04/07/21 15:00:00	11.60	12.56					11.09713477	104.5361236			-0.50	-4.34	Good
320	04/07/21 15:30:00	11.57	12.60					11.06834081	104.3588295			-0.50	-4.34	Good
321	04/07/21 16:00:00	11.57	12.64					11.06824633	104.4519043			-0.50	-4.34	Good
322	04/07/21 16:30:00	11.60	12.66					11.09685061	104.7689562			-0.50	-4.34	Good
323	04/07/21 17:00:00	11.57	12.66					11.06805739	104.4971101			-0.50	-4.34	Good
324	04/07/21 17:30:00	11.54	12.66					11.03926465	104.2252686			-0.50	-4.34	Good
325	04/07/21 18:00:00	11.56	12.66					11.05830243	104.4050104			-0.50	-4.34	Good
326	04/07/21 18:30:00	11.53	12.66					11.02951027	104.1331743			-0.50	-4.34	Good
327	04/07/21 19:00:00	11.49	12.66					10.99115275	103.7710286			-0.50	-4.34	Good
328	04/07/21 19:30:00	11.46	12.68					10.96236165	103.5457472			-0.50	-4.34	Good
329	04/07/21 20:00:00	11.45	12.70					10.95270239	103.5010184			-0.50	-4.34	Good
330	04/07/21 20:30:00	11.44	12.72					10.9430433	103.4562136			-0.50	-4.34	Good
331	04/07/21 21:00:00	11.43	12.74					10.93338437	103.4113329			-0.50	-4.34	Good
332	04/07/21 21:30:00	11.42	12.74					10.92372561	103.3199773			-0.50	-4.35	Good
333	04/07/21 22:00:00	11.43	12.76					10.93319771	103.4560065			-0.50	-4.35	Good
334	04/07/21 22:30:00	11.41	12.76					10.91397384	103.2740995			-0.50	-4.35	Good
335	04/07/21 23:00:00	11.41	12.76					10.91388067	103.2732179			-0.50	-4.35	Good
336	04/07/21 23:30:00	11.42	12.78				11.775	10.92335261	103.4092486		11.544	-0.50	-4.35	Good
337	04/08/21 00:00:00	11.41	12.80	11.23	11.61	11.44500		10.91369434	103.3641809	10.945		-0.50	-4.35	Good
338	04/08/21 00:30:00	11.40	12.84					10.90403623	103.3653707			-0.50	-4.35	Good
339	04/08/21 01:00:00	11.42	12.88					10.92307287	103.6386716			-0.50	-4.35	Good

340	04/08/21 01:30:00	11.41	12.90					10.91341484	103.5934225			-0.50	-4.35	Good
341	04/08/21 02:00:00	11.42	12.94					10.92288637	103.7761967			-0.50	-4.35	Good
342	04/08/21 02:30:00	11.44	12.96					10.94192235	104.0035754			-0.50	-4.35	Good
343	04/08/21 03:00:00	11.43	12.98					10.93226441	103.958261			-0.50	-4.35	Good
344	04/08/21 03:30:00	11.43	13.00					10.93217108	104.0038625			-0.50	-4.36	Good
345	04/08/21 04:00:00	11.44	13.02					10.94164212	104.1404997			-0.50	-4.36	Good
346	04/08/21 04:30:00	11.44	13.04					10.9415487	104.1861485			-0.50	-4.36	Good
347	04/08/21 05:00:00	11.46	13.06					10.96058371	104.4140245			-0.50	-4.36	Good
348	04/08/21 05:30:00	11.44	13.06					10.94136188	104.2309112			-0.50	-4.36	Good
349	04/08/21 06:00:00	11.46	13.08					10.96039656	104.4588687			-0.50	-4.36	Good
350	04/08/21 06:30:00	11.45	13.10					10.95073902	104.4134173			-0.50	-4.36	Good
351	04/08/21 07:00:00	11.44	13.10					10.94108164	104.3213359			-0.50	-4.36	Good
352	04/08/21 07:30:00	11.45	13.12					10.95055203	104.4582286			-0.50	-4.36	Good
353	04/08/21 08:00:00	11.47	13.12					10.96958598	104.639795			-0.50	-4.36	Good
354	04/08/21 08:30:00	11.50	13.14					10.99818323	104.9593879			-0.50	-4.36	Good
355	04/08/21 09:00:00	11.50	13.16					10.99808933	105.0052973			-0.50	-4.36	Good
356	04/08/21 09:30:00	11.53	13.18					11.02668585	105.3252569			-0.50	-4.37	Good
357	04/08/21 10:00:00	11.55	13.22					11.04571849	105.6010927			-0.50	-4.37	Good
358	04/08/21 10:30:00	11.57	13.26					11.0647508	105.8772675			-0.51	-4.37	Fair
359	04/08/21 11:00:00	11.56	13.30					11.05509309	105.8790089			-0.50	-4.37	Good
360	04/08/21 11:30:00	11.57	13.34					11.06456185	106.0639483			-0.51	-4.37	Fair
361	04/08/21 12:00:00	11.59	13.36					11.08359351	106.2935987			-0.51	-4.37	Fair
362	04/08/21 12:30:00	11.60	13.42					11.09306186	106.5261933			-0.51	-4.37	Fair
363	04/08/21 13:00:00	11.61	13.48					11.10253004	106.7590689			-0.51	-4.37	Fair
364	04/08/21 13:30:00	11.59	13.52					11.0833096	106.6687439			-0.51	-4.37	Fair
365	04/08/21 14:00:00	11.59	13.56					11.08321496	106.7623441			-0.51	-4.37	Fair
366	04/08/21 14:30:00	11.57	13.58					11.06399501	106.6243824			-0.51	-4.37	Fair
367	04/08/21 15:00:00	11.56	13.62					11.05433796	106.6256082			-0.51	-4.37	Fair
368	04/08/21 15:30:00	11.54	13.64					11.03511858	106.4872964			-0.50	-4.38	Good
369	04/08/21 16:00:00	11.53	13.66					11.02546193	106.4411448			-0.50	-4.38	Good
370	04/08/21 16:30:00	11.53	13.68					11.02536779	106.4872735			-0.50	-4.38	Good
371	04/08/21 17:00:00	11.49	13.70					10.98702464	106.163819			-0.50	-4.38	Good
372	04/08/21 17:30:00	11.49	13.68					10.98693082	106.1160344			-0.50	-4.38	Good
373	04/08/21 18:00:00	11.47	13.68					10.96771283	105.9304196			-0.50	-4.38	Good
374	04/08/21 18:30:00	11.43	13.66					10.92937115	105.5134727			-0.50	-4.38	Good
375	04/08/21 19:00:00	11.36	13.62					10.86234436	104.7737168			-0.50	-4.38	Good
376	04/08/21 19:30:00	11.30	13.60					10.80488056	104.1733605			-0.50	-4.38	Good
377	04/08/21 20:00:00	11.27	13.60					10.77610301	103.8959069			-0.49	-4.38	Good
378	04/08/21 20:30:00	11.24	13.62					10.74732595	103.6642964			-0.49	-4.38	Good
379	04/08/21 21:00:00	11.23	13.64					10.73767257	103.6169855			-0.49	-4.38	Good
380	04/08/21 21:30:00	11.23	13.66					10.73758088	103.6619062			-0.49	-4.38	Good
381	04/08/21 22:00:00	11.23	13.68					10.73748918	103.7068304			-0.49	-4.39	Good
382	04/08/21 22:30:00	11.24	13.70					10.74695883	103.8441461			-0.49	-4.39	Good
383	04/08/21 23:00:00	11.23	13.72					10.73730578	103.7966893			-0.49	-4.39	Good
384	04/08/21 23:30:00	11.25	13.74				11.803	10.75633646	104.0265602		11.540	-0.49	-4.39	Good
385	04/09/21 00:00:00	11.26	13.76	10.89	11.38	11.19667		10.76580571	104.1640865	10.703		-0.49	-4.39	Good
386	04/09/21 00:30:00	11.29	13.80					10.79439684	104.5328708			-0.50	-4.39	Good
387	04/09/21 01:00:00	11.28	13.80					10.78474371	104.4393899			-0.50	-4.39	Good
388	04/09/21 01:30:00	11.30	13.82					10.80377332	104.6697951			-0.50	-4.39	Good
389	04/09/21 02:00:00	11.29	13.82					10.79412028	104.5762738			-0.50	-4.39	Good
390	04/09/21 02:30:00	11.28	13.84					10.78446739	104.5287985			-0.50	-4.39	Good
391	04/09/21 03:00:00	11.30	13.84					10.80349652	104.7132389			-0.50	-4.39	Good
392	04/09/21 03:30:00	11.29	13.84					10.79384371	104.6196788			-0.50	-4.39	Good
393	04/09/21 04:00:00	11.28	13.84					10.78419107	104.5261203			-0.50	-4.40	Good
394	04/09/21 04:30:00	11.28	13.86					10.78409897	104.5712746			-0.50	-4.40	Good
395	04/09/21 05:00:00	11.28	13.86					10.78400686	104.5703815			-0.50	-4.40	Good
396	04/09/21 05:30:00	11.27	13.86					10.77435455	104.4767849			-0.50	-4.40	Good
397	04/09/21 06:00:00	11.27	13.88					10.77426252	104.521902			-0.50	-4.40	Good
398	04/09/21 06:30:00	11.26	13.88					10.76461045	104.4282665			-0.50	-4.40	Good
399	04/09/21 07:00:00	11.26	13.90					10.76451851	104.4733466			-0.50	-4.40	Good
400	04/09/21 07:30:00	11.27	13.92					10.77398645	104.611253			-0.50	-4.40	Good
401	04/09/21 08:00:00	11.30	13.94					10.80257382	104.9349686			-0.50	-4.40	Good
402	04/09/21 08:30:00	11.31	13.96					10.81204127	105.0731222			-0.50	-4.40	Good
403	04/09/21 09:00:00	11.31	13.96					10.81194892	105.0722247			-0.50	-4.40	Good
404	04/09/21 09:30:00	11.32	13.98					10.82141613	105.2104607			-0.50	-4.40	Good
405	04/09/21 10:00:00	11.31	13.98					10.81176422	105.1166207			-0.50	-4.41	Good
406	04/09/21 10:30:00	11.31	13.98					10.81167187	105.1157228			-0.50	-4.41	Good
407	04/09/21 11:00:00	11.32	13.98					10.82113883	105.2077647			-0.50	-4.41	Good
408	04/09/21 11:30:00	11.32	14.00					10.8210464	105.253101			-0.50	-4.41	Good
409	04/09/21 12:00:00	11.33	14.00					10.83051311	105.3451809			-0.50	-4.41	Good
410	04/09/21 12:30:00	11.36	14.04					10.85909779	105.7160235			-0.50	-4.41	Good
411	04/09/21 13:00:00	11.36	14.04					10.85900503	105.7151205			-0.50	-4.41	Good
412	04/09/21 13:30:00	11.38	14.06					10.87803008	105.9468253			-0.50	-4.41	Good
413	04/09/21 14:00:00	11.35	14.06					10.84926069	105.6666253			-0.50	-4.41	Good
414	04/09/21 14:30:00	11.28	14.04					10.78225685	104.9679578			-0.50	-4.41	Good
415	04/09/21 15:00:00	11.23	14.02					10.73437146	104.4559085			-0.50	-4.41	Good
416	04/09/21 15:30:00	11.20	14.00					10.70560404	104.1302274			-0.49	-4.41	Good
417	04/09/21 16:00:00	11.20	14.00					10.70551258	104.1293379			-0.49	-4.42	Good
418	04/09/21 16:30:00	11.20	14.02					10.70542113	104.1741935			-0.49	-4.42	Good
419	04/09/21 17:00:00	11.15	14.02					10.65753803	103.7082442			-0.49	-4.42	Good
420	04/09/21 17:30:00	11.11	14.02					10.61921399	103.3353139			-0.49	-4.42	Good
421	04/09/21 18:00:00	11.06	14.02					10.57133244	102.8693797			-0.49	-4.42	Good
422	04/09/21 18:30:00	11.02	14.00					10.53300979	102.4514545			-0.49	-4.42	Good
423	04/09/21 19:00:00	10.99	14.00					10.50424579	102.1716757			-0.49	-4.42	Good
424	04/09/21 19:30:00	10.97	14.00					10.48504021	101.9848687			-0.48	-4.42	Good
425	04/09/21 20:00:00	10.93	14.02					10.44671928	101.6567721			-0.48	-4.42	Good
426	04/09/21 20:30:00	10.93	14.02					10.44663003	101.6559036			-0.48	-4.42	Good
427	04/09/21 21:00:00	10.91	14.02					10.42742543	101.4690241			-0.48	-4.42	Good
428	04/09/21 21:30:00	10.91	14.02					10.42733634	101.4681572			-0.48	-4.42	Good
429	04/09/21 22:00:00	10.91	14.02					10.42724726	101.4672903			-0.48	-4.42	Good
430	04/09/21 22:30:00	10.90	14.04					10.41760074	101.4179397			-0.48	-4.43	Good
431	04/09/21 23:00:00	10.89	14.04					10.40795439	101.32403			-0.48	-4.43	Good
432	04/09/21 23:30:00	10.91	14.04				11.791	10.42698	101.5092491		11.489	-0.48	-4.43	Good
433	04/10/21 00:00:00	10.93	14.06	10.84	11.19	10.98188		10.44600529	101.73911	10.493		-0.48	-4.43	Good
434	04/10/21 00:30:00	10.93	14.06					10.44591604	101.7382407			-0.48	-4.43	Good
435	04/10/21 01:00:00	10.91	14.06					10.42671275	101.5512098			-0.48	-4.43	Good
436	04/10/21 01:30:00	10.91	14.08					10.42662366	101.5949084			-0.48	-4.43	Good
437	04/10/21 02:00:00	10.89	14.10					10.40742086	101.4522883			-0.48	-4.43	Good
438	04/10/21 02:30:00	10.89	14.10					10.40733194	101.4514215			-0.48	-4.43	Good
439	04/10/21 03:00:00	10.90	14.10					10.41679971	101.5437141			-0.48	-4.43	Good
440	04/10/21 03:30:00	10.89	14.10					10.40715409	101.4496879			-0.48	-4.43	Good
441	04/10/21 04:00:00	10.88	14.10					10.39750864	101.3556633			-0.48	-4.43	Good
442	04/10/21 04:30:00	10.89	14.10					10.40697625	101.4479543			-0.48	-4.44	Good
443	04/10/21 05:00:00	10.87	14.10					10.38777459	101.2607751			-0.48	-4.44	Good
444	04/10/21 05:30:00	10.88	14.10					10.39724212	101.3530653			-0.48	-4.44	Good
445	04/10/21 06:00:00	10.88	14.12					10.39715328	101.3966477			-0.48	-4.44	Good
446	04/10/21 06:30:00	10.87	14.12					10.38750832	101.3025866			-0.48	-4.44	Good
447	04/10/21 07:00:00	10.88	14.12					10.3969756	101.3949149			-0.48	-4.44	Good
448	04/10/21 07:30:00	10.89	14.14					10.40644272	101.5317338			-0.48	-4.44	Good
449	04/10/21 08:00:00	10.90	14.16					10.41590968	101.6686362			-0.48	-4.44	Good
450	04/10/21 08:30:00	10.93	14.18					10.44448808	101.9922501			-0.49	-4.44	Good
451	04/10/21 09:00:00	10.95	14.22					10.46351026	102.2675064			-0.49	-4.44	Good
452	04/10/21 09:30:00	10.97	14.22					10.48253212	102.4534209			-0.49	-4.44	Good
453	04/10/21 10:00:00	10.99	14.26					10.50155365	102.7291754			-0.49	-4.44	Good
454	04/10/21 10:30:00	10.99	14.28					10.50146392	102.773225			-0.49	-4.45	Good
455	04/10/21 11:00:00	11.02	14.30					10.53004035	103.0979438			-0.49	-4.45	Good

456	04/10/21 11:30:00	11.00	14.32					10.51083975	102.9549296			-0.49	-4.45	Good
457	04/10/21 12:00:00	11.06	14.32					10.56808129	103.5156173			-0.49	-4.45	Good
458	04/10/21 12:30:00	11.02	14.36					10.5297704	103.2304835			-0.49	-4.45	Good
459	04/10/21 13:00:00	11.03	14.36					10.53923548	103.3232761			-0.49	-4.45	Good
460	04/10/21 13:30:00	11.09	14.46					10.59647531	104.1112515			-0.49	-4.45	Good
461	04/10/21 14:00:00	11.12	14.52					10.62504946	104.5285003			-0.49	-4.45	Good
462	04/10/21 14:30:00	11.15	14.58					10.65362312	104.9465157			-0.50	-4.45	Good
463	04/10/21 15:00:00	11.15	14.60					10.65353207	104.9912633			-0.50	-4.45	Good
464	04/10/21 15:30:00	11.10	14.58					10.60566775	104.4741179			-0.49	-4.45	Good
465	04/10/21 16:00:00	11.16	14.62					10.66290456	105.1293186			-0.50	-4.45	Good
466	04/10/21 16:30:00	11.19	14.62					10.69147691	105.4110234			-0.50	-4.46	Good
467	04/10/21 17:00:00	11.16	14.62					10.6627223	105.1275217			-0.50	-4.46	Good
468	04/10/21 17:30:00	11.17	14.62					10.67218551	105.2208227			-0.50	-4.46	Good
469	04/10/21 18:00:00	11.18	14.62					10.68164855	105.3141221			-0.50	-4.46	Good
470	04/10/21 18:30:00	11.13	14.60					10.63378643	104.7966687			-0.50	-4.46	Good
471	04/10/21 19:00:00	11.07	14.60					10.57637104	104.2308363			-0.49	-4.46	Good
472	04/10/21 19:30:00	11.02	14.60					10.52851064	103.7591689			-0.49	-4.46	Good
473	04/10/21 20:00:00	11.01	14.62					10.51886674	103.7091991			-0.49	-4.46	Good
474	04/10/21 20:30:00	10.98	14.64					10.49011532	103.4706813			-0.49	-4.46	Good
475	04/10/21 21:00:00	10.94	14.64					10.45181063	103.0928578			-0.49	-4.46	Good
476	04/10/21 21:30:00	10.92	14.62					10.43261395	102.8588026			-0.49	-4.46	Good
477	04/10/21 22:00:00	10.87	14.60					10.38475681	102.3424654			-0.49	-4.46	Good
478	04/10/21 22:30:00	10.87	14.58					10.38466806	102.2970981			-0.49	-4.46	Good
479	04/10/21 23:00:00	10.86	14.58					10.37502587	102.202115			-0.48	-4.47	Good
480	04/10/21 23:30:00	10.84	14.56				11.665	10.35583049	101.9686606		11.318	-0.48	-4.47	Good
481	04/11/21 00:00:00	10.83	14.56	10.71	11.25	10.94438		10.34618871	101.8737229	10.453		-0.48	-4.47	Good
482	04/11/21 00:30:00	10.82	14.56					10.33654709	101.7787867			-0.48	-4.47	Good
483	04/11/21 01:00:00	10.81	14.56					10.32690564	101.6838521			-0.48	-4.47	Good
484	04/11/21 01:30:00	10.81	14.56					10.32681737	101.682983			-0.48	-4.47	Good
485	04/11/21 02:00:00	10.80	14.56					10.31717616	101.5880509			-0.48	-4.47	Good
486	04/11/21 02:30:00	10.80	14.56					10.31708798	101.5871825			-0.48	-4.47	Good
487	04/11/21 03:00:00	10.77	14.56					10.28834146	101.30413			-0.48	-4.47	Good
488	04/11/21 03:30:00	10.76	14.56					10.27870082	101.2092035			-0.48	-4.47	Good
489	04/11/21 04:00:00	10.77	14.56					10.28816557	101.3023982			-0.48	-4.47	Good
490	04/11/21 04:30:00	10.75	14.58					10.26897257	101.1574071			-0.48	-4.47	Good
491	04/11/21 05:00:00	10.73	14.58					10.24977989	100.9683442			-0.48	-4.48	Good
492	04/11/21 05:30:00	10.72	14.58					10.2401399	100.8733828			-0.48	-4.48	Good
493	04/11/21 06:00:00	10.73	14.58					10.24960466	100.9666181			-0.48	-4.48	Good
494	04/11/21 06:30:00	10.71	14.58					10.23041263	100.7775616			-0.48	-4.48	Good
495	04/11/21 07:00:00	10.74	14.58					10.25898155	101.0589878			-0.48	-4.48	Good
496	04/11/21 07:30:00	10.71	14.58					10.23023773	100.7758387			-0.48	-4.48	Good
497	04/11/21 08:00:00	10.72	14.58					10.23970224	100.8690715			-0.48	-4.48	Good
498	04/11/21 08:30:00	10.73	14.58					10.24916658	100.9623027			-0.48	-4.48	Good
499	04/11/21 09:00:00	10.76	14.58					10.27773436	101.2437176			-0.48	-4.48	Good
500	04/11/21 09:30:00	10.75	14.56					10.26809478	101.1047712			-0.48	-4.48	Good
501	04/11/21 10:00:00	10.77	14.56					10.28711027	101.2920072			-0.48	-4.48	Good
502	04/11/21 10:30:00	10.81	14.56					10.32522854	101.6673386			-0.48	-4.48	Good
503	04/11/21 11:00:00	10.88	14.56					10.39200057	102.3248093			-0.49	-4.49	Good
504	04/11/21 11:30:00	10.95	14.60					10.45877146	103.0718846			-0.49	-4.49	Good
505	04/11/21 12:00:00	10.97	14.62					10.47778466	103.3041566			-0.49	-4.49	Good
506	04/11/21 12:30:00	10.99	14.60					10.49679754	103.4466342			-0.49	-4.49	Good
507	04/11/21 13:00:00	11.06	14.62					10.56356582	104.149903			-0.50	-4.49	Good
508	04/11/21 13:30:00	11.08	14.72					10.58257763	104.5641315			-0.50	-4.49	Good
509	04/11/21 14:00:00	11.10	14.78					10.60158912	104.8883441			-0.50	-4.49	Good
510	04/11/21 14:30:00	11.11	14.76					10.61104938	104.9364412			-0.50	-4.49	Good
511	04/11/21 15:00:00	11.17	14.82					10.66826357	105.6394991			-0.50	-4.49	Good
512	04/11/21 15:30:00	11.19	14.88					10.68727384	105.965271			-0.50	-4.49	Good
513	04/11/21 16:00:00	11.19	14.82					10.68718247	105.8268381			-0.50	-4.49	Good
514	04/11/21 16:30:00	11.21	14.84					10.70619224	106.0609968			-0.50	-4.49	Good
515	04/11/21 17:00:00	11.25	14.88					10.74430267	106.5307169			-0.51	-4.50	Fair
516	04/11/21 17:30:00	11.25	14.86					10.74421081	106.4837151			-0.51	-4.50	Fair
517	04/11/21 18:00:00	11.24	14.84					10.73456862	106.3421077			-0.51	-4.50	Fair
518	04/11/21 18:30:00	11.25	14.82					10.74402709	106.3897261			-0.51	-4.50	Fair
519	04/11/21 19:00:00	11.22	14.82					10.71528474	106.105113			-0.50	-4.50	Good
520	04/11/21 19:30:00	11.24	14.84					10.73429329	106.3393801			-0.51	-4.50	Fair
521	04/11/21 20:00:00	11.23	14.88					10.7246515	106.3358738			-0.51	-4.50	Fair
522	04/11/21 20:30:00	11.18	14.90					10.67681021	105.9073291			-0.50	-4.50	Good
523	04/11/21 21:00:00	11.13	14.88					10.62896973	105.3871805			-0.50	-4.50	Good
524	04/11/21 21:30:00	11.09	14.88					10.59067982	105.0075327			-0.50	-4.50	Good
525	04/11/21 22:00:00	10.93	14.90					10.43779447	103.5364414			-0.49	-4.50	Good
526	04/11/21 22:30:00	10.90	14.86					10.40905645	103.1620675			-0.49	-4.50	Good
527	04/11/21 23:00:00	10.88	14.80					10.38986842	102.8382099			-0.49	-4.50	Good
528	04/11/21 23:30:00	10.84	14.78				11.474	10.35158186	102.4148613		11.073	-0.49	-4.51	Good
529	04/12/21 00:00:00	10.79	14.76	10.65	11.10	10.85313		10.30374661	101.8974147	10.362		-0.49	-4.51	Good
530	04/12/21 00:30:00	10.76	14.76					10.2750107	101.6132351			-0.48	-4.51	Good
531	04/12/21 01:00:00	10.76	14.76					10.27492284	101.6123662			-0.49	-4.51	Good
532	04/12/21 01:30:00	10.77	14.76					10.28438409	101.7059318			-0.49	-4.51	Good
533	04/12/21 02:00:00	10.75	14.76					10.2651981	101.5161948			-0.48	-4.51	Good
534	04/12/21 02:30:00	10.77	14.74					10.2842082	101.6600985			-0.49	-4.51	Good
535	04/12/21 03:00:00	10.71	14.74					10.22682711	101.0928825			-0.48	-4.51	Good
536	04/12/21 03:30:00	10.73	14.72					10.24583721	101.2368732			-0.48	-4.51	Good
537	04/12/21 04:00:00	10.72	14.74					10.2362009	101.1855431			-0.48	-4.51	Good
538	04/12/21 04:30:00	10.74	14.74					10.2552106	101.3734552			-0.48	-4.51	Good
539	04/12/21 05:00:00	10.73	14.74					10.24557437	101.2782004			-0.48	-4.51	Good
540	04/12/21 05:30:00	10.75	14.76					10.26458365	101.5101183			-0.49	-4.52	Good
541	04/12/21 06:00:00	10.77	14.76					10.28359261	101.6981047			-0.49	-4.52	Good
542	04/12/21 06:30:00	10.77	14.76					10.28350467	101.697235			-0.49	-4.52	Good
543	04/12/21 07:00:00	10.81	14.76					10.32160955	102.0740677			-0.49	-4.52	Good
544	04/12/21 07:30:00	10.83	14.74					10.34061753	102.2177085			-0.49	-4.52	Good
545	04/12/21 08:00:00	10.90	14.74					10.40736539	102.8775157			-0.49	-4.52	Good
546	04/12/21 08:30:00	10.93	14.74					10.43592026	103.1597826			-0.49	-4.52	Good
547	04/12/21 09:00:00	10.96	14.74					10.46447465	103.4420446			-0.50	-4.52	Good
548	04/12/21 09:30:00	11.02	14.74					10.52167194	104.0074437			-0.50	-4.52	Good
549	04/12/21 10:00:00	11.04	14.72					10.54067738	104.1501244			-0.50	-4.52	Good
550	04/12/21 10:30:00	11.05	14.72					10.55013487	104.2435717			-0.50	-4.52	Good
551	04/12/21 11:00:00	11.10	14.74					10.5977824	104.7598008			-0.50	-4.52	Good
552	04/12/21 11:30:00	11.07	14.72					10.56904936	104.4304616			-0.50	-4.53	Good
553	04/12/21 12:00:00	11.07	14.70					10.56895896	104.3842618			-0.50	-4.53	Good
554	04/12/21 12:30:00	11.08	14.70					10.57841588	104.477663			-0.50	-4.53	Good
555	04/12/21 13:00:00	11.08	14.70					10.57832541	104.4767694			-0.50	-4.53	Good
556	04/12/21 13:30:00	11.08	14.72					10.57823493	104.5212223			-0.50	-4.53	Good
557	04/12/21 14:00:00	11.08	14.72					10.57814446	104.5203283			-0.50	-4.53	Good
558	04/12/21 14:30:00	11.04	14.70					10.53986607	104.096926			-0.50	-4.53	Good
559	04/12/21 15:00:00	11.02	14.70					10.52068213	103.9074559			-0.50	-4.53	Good
560	04/12/21 15:30:00	10.97	14.70					10.47285806	103.4351217			-0.50	-4.53	Good
561	04/12/21 16:00:00	10.87	14.70					10.37730113	102.4913543			-0.49	-4.53	Good
562	04/12/21 16:30:00	10.82	14.70					10.32947911	102.0190404			-0.49	-4.53	Good
563	04/12/21 17:00:00	10.80	14.70					10.31029761	101.8295945			-0.49	-4.53	Good
564	04/12/21 17:30:00	10.65	14.68					10.16701207	100.370856			-0.48	-4.54	Good
565	04/12/21 18:00:00	10.66	14.66					10.17647152	100.4206253			-0.48	-4.54	Good
566	04/12/21 18:30:00	10.71	14.62					10.22411611	100.8031493			-0.49	-4.54	Good
567	04/12/21 19:00:00	10.73	14.60					10.24312115	100.9466366			-0.49	-4.54	Good
568	04/12/21 19:30:00	10.70	14.56					10.21439504	100.5760168			-0.49	-4.54	Good
569	04/12/21 20:00:00	10.72	14.54					10.23339984	100.719311			-0.49	-4.54	Good
570	04/12/21 20:30:00	10.86	14.52					10.36695631	101.9893978			-0.49	-4.54	Good
571	04/12/21 21:00:00	10.83	14.50					10.33822988	101.6625116			-0.49	-4.54	Good

572	04/12/21 21:30:00	10.81	14.50					10.31904977	101.4739012			-0.49	-4.54	Good
573	04/12/21 22:00:00	10.79	14.50					10.29986999	101.285294			-0.49	-4.54	Good
574	04/12/21 22:30:00	10.74	14.48					10.25205352	100.7711792			-0.49	-4.54	Good
575	04/12/21 23:00:00	10.84	14.48					10.34742174	101.7085883			-0.49	-4.54	Good
576	04/12/21 23:30:00	10.77	14.46				11.279	10.28051466	101.0069118		10.814	-0.49	-4.54	Good
577	04/13/21 00:00:00	11.08	14.46	10.88	11.63	11.25271		10.576335	103.9133713	10.809		-0.50	-4.55	Good
578	04/13/21 00:30:00	11.25	14.46					10.73851543	105.5068075			-0.51	-4.55	Fair
579	04/13/21 01:00:00	11.27	14.42					10.7575141	105.6013538			-0.51	-4.55	Fair
580	04/13/21 01:30:00	11.35	14.42					10.83378355	106.3500544			-0.52	-4.55	Fair
581	04/13/21 02:00:00	11.41	14.40					10.89096148	106.8647191			-0.52	-4.55	Fair
582	04/13/21 02:30:00	11.40	14.40					10.88132329	106.7701469			-0.52	-4.55	Fair
583	04/13/21 03:00:00	11.38	14.42					10.86214033	106.6284193			-0.52	-4.55	Fair
584	04/13/21 03:30:00	11.28	14.44					10.76659884	105.7366297			-0.51	-4.55	Fair
585	04/13/21 04:00:00	11.26	14.46					10.74741718	105.5942679			-0.51	-4.55	Fair
586	04/13/21 04:30:00	11.24	14.46					10.72823585	105.4058098			-0.51	-4.55	Fair
587	04/13/21 05:00:00	11.12	14.46					10.61360872	104.2795887			-0.51	-4.55	Fair
588	04/13/21 05:30:00	11.03	14.48					10.52761715	103.4797948			-0.50	-4.55	Good
589	04/13/21 06:00:00	11.01	14.46					10.50843819	103.2462795			-0.50	-4.56	Good
590	04/13/21 06:30:00	10.93	14.46					10.43199335	102.4952026			-0.50	-4.56	Good
591	04/13/21 07:00:00	10.93	14.46					10.4319041	102.4943257			-0.50	-4.56	Good
592	04/13/21 07:30:00	10.88	14.46					10.38409383	102.0245858			-0.50	-4.56	Good
593	04/13/21 08:00:00	10.96	14.48					10.46035797	102.8186798			-0.50	-4.56	Good
594	04/13/21 08:30:00	11.02	14.50					10.51753272	103.4257126			-0.50	-4.56	Good
595	04/13/21 09:00:00	11.11	14.52					10.60333837	104.3149081			-0.51	-4.56	Fair
596	04/13/21 09:30:00	11.09	14.54					10.5841599	104.1715665			-0.51	-4.56	Fair
597	04/13/21 10:00:00	10.96	14.56					10.46	102.9943654			-0.50	-4.56	Good
598	04/13/21 10:30:00	11.01	14.52					10.62791781	105.0351934			-0.38	-3.47	Good
599	04/13/21 11:00:00	10.95	14.60					10.57	104.6447868			-0.38	-3.47	Good
600	04/13/21 11:30:00	11.18	14.60					10.7919444	106.8420739			-0.39	-3.47	Good
601	04/13/21 12:00:00	11.17	14.60					10.7822177	106.7457779			-0.39	-3.47	Good
602	04/13/21 12:30:00	11.07	14.60					10.6856162	105.7894068			-0.38	-3.47	Good
603	04/13/21 13:00:00	10.99	14.62					10.60832144	105.0698489			-0.38	-3.47	Good
604	04/13/21 13:30:00	11.02	14.66					10.63720674	105.4475508			-0.38	-3.47	Good
605	04/13/21 14:00:00	11.06	14.66					10.67574422	105.8295761			-0.38	-3.47	Good
606	04/13/21 14:30:00	11.18	14.64					10.79150122	106.9306147			-0.39	-3.47	Good
607	04/13/21 15:00:00	11.24	14.58					10.84934199	107.3636128			-0.39	-3.48	Good
608	04/13/21 15:30:00	11.32	14.54					10.92648672	108.0329614			-0.39	-3.48	Good
609	04/13/21 16:00:00	11.46	14.50					11.06154423	109.2730991			-0.40	-3.48	Good
610	04/13/21 16:30:00	11.46	14.52					11.06146852	109.3199538			-0.40	-3.48	Good
611	04/13/21 17:00:00	11.53	14.52					11.12895803	109.9869494			-0.40	-3.48	Good
612	04/13/21 17:30:00	11.57	14.54					11.16749029	110.4158252			-0.40	-3.48	Good
613	04/13/21 18:00:00	11.63	14.56					11.22532611	111.0359794			-0.40	-3.48	Good
614	04/13/21 18:30:00	11.59	14.56					11.18664136	110.653327			-0.40	-3.48	Good
615	04/13/21 19:00:00	11.46	14.56					11.06108994	109.4114277			-0.40	-3.48	Good
616	04/13/21 19:30:00	11.46	14.58					11.06101423	109.4582926			-0.40	-3.48	Good
617	04/13/21 20:00:00	11.58	14.58					11.17675986	110.6036956			-0.40	-3.48	Good
618	04/13/21 20:30:00	11.63	14.58					11.22494192	111.0804987			-0.41	-3.48	Good
619	04/13/21 21:00:00	11.60	14.60					11.19591014	110.841403			-0.40	-3.48	Good
620	04/13/21 21:30:00	11.49	14.62					11.08966612	109.837315			-0.40	-3.48	Good
621	04/13/21 22:00:00	11.44	14.64					11.04133263	109.4061393			-0.40	-3.48	Good
622	04/13/21 22:30:00	11.39	14.64					10.99299981	108.92722			-0.40	-3.49	Good
623	04/13/21 23:00:00	11.34	14.62					10.94466764	108.4011814			-0.40	-3.49	Good
624	04/13/21 23:30:00	11.35	14.60				11.188	10.95424404	108.4488677		10.700	-0.40	-3.49	Good
625	04/14/21 00:00:00	11.28	14.56	10.05	11.79	10.78563		10.8866103	107.6855519	10.408		-0.39	-3.49	Good
626	04/14/21 00:30:00	11.28	14.54					10.88653577	107.6379563			-0.39	-3.49	Good
627	04/14/21 01:00:00	11.26	14.50					10.86715901	107.352836			-0.39	-3.49	Good
628	04/14/21 01:30:00	11.27	14.48					10.87673567	107.400637			-0.39	-3.49	Good
629	04/14/21 02:00:00	11.28	14.42					10.8863122	107.3546905			-0.39	-3.49	Good
630	04/14/21 02:30:00	11.30	14.36					10.90553952	107.4035816			-0.39	-3.49	Good
631	04/14/21 03:00:00	11.30	14.30					10.90546486	107.2621682			-0.39	-3.49	Good
632	04/14/21 03:30:00	11.28	14.24					10.88608863	106.9312012			-0.39	-3.49	Good
633	04/14/21 04:00:00	11.26	14.20					10.86671266	106.6474713			-0.39	-3.49	Good
634	04/14/21 04:30:00	11.23	14.18					10.8376863	106.3160312			-0.39	-3.49	Good
635	04/14/21 05:00:00	11.22	14.12					10.82796151	106.0810701			-0.39	-3.49	Good
636	04/14/21 05:30:00	11.22	14.10					10.82788739	106.033832			-0.39	-3.49	Good
637	04/14/21 06:00:00	11.02	14.08					10.63480411	104.0973546			-0.39	-3.50	Good
638	04/14/21 06:30:00	10.83	14.06					10.45137386	102.256986			-0.38	-3.50	Good
639	04/14/21 07:00:00	10.48	14.06					10.11354093	98.95160451			-0.37	-3.50	Good
640	04/14/21 07:30:00	10.30	14.02					9.939767021	97.16602215			-0.36	-3.50	Good
641	04/14/21 08:00:00	10.15	14.02					9.794946074	95.75032746			-0.36	-3.50	Good
642	04/14/21 08:30:00	10.08	14.00					9.727328125	95.04756439			-0.35	-3.50	Good
643	04/14/21 09:00:00	10.06	14.02					9.707961406	94.90001033			-0.35	-3.50	Good
644	04/14/21 09:30:00	10.05	14.00					9.698244946	94.76338715			-0.35	-3.50	Good
645	04/14/21 10:00:00	10.07	14.00					9.717478406	94.95132092			-0.35	-3.50	Good
646	04/14/21 10:30:00	10.07	14.00					9.717411875	94.95067084			-0.35	-3.50	Good
647	04/14/21 11:00:00	10.05	14.00					9.698045751	94.76144077			-0.35	-3.50	Good
648	04/14/21 11:30:00	10.10	14.00					9.746228006	95.2322387			-0.35	-3.50	Good
649	04/14/21 12:00:00	10.11	14.00					9.755810942	95.32587538			-0.35	-3.50	Good
650	04/14/21 12:30:00	10.12	14.02					9.765393746	95.46143918			-0.35	-3.50	Good
651	04/14/21 13:00:00	10.12	14.02					9.765326885	95.46078559			-0.35	-3.50	Good
652	04/14/21 13:30:00	10.14	14.02					9.784558957	95.64878837			-0.36	-3.51	Good
653	04/14/21 14:00:00	10.11	14.02					9.755543762	95.36515084			-0.35	-3.51	Good
654	04/14/21 14:30:00	10.10	14.02					9.745827633	95.27017099			-0.35	-3.51	Good
655	04/14/21 15:00:00	10.09	14.00					9.736111636	95.13338974			-0.35	-3.51	Good
656	04/14/21 15:30:00	10.10	14.02					9.745694176	95.26886638			-0.35	-3.51	Good
657	04/14/21 16:00:00	10.15	14.02					9.793873127	95.73983889			-0.36	-3.51	Good
658	04/14/21 16:30:00	10.13	14.02					9.774507928	95.55053472			-0.36	-3.51	Good
659	04/14/21 17:00:00	10.28	14.02					9.91917606	96.96473557			-0.36	-3.51	Good
660	04/14/21 17:30:00	10.74	14.02					10.36295929	101.3029309			-0.38	-3.51	Good
661	04/14/21 18:00:00	10.83	14.02					10.44972817	102.1511387			-0.38	-3.51	Good
662	04/14/21 18:30:00	11.00	14.00					10.61368632	103.7083381			-0.39	-3.51	Good
663	04/14/21 19:00:00	11.20	14.00					10.80658844	105.5932212			-0.39	-3.51	Good
664	04/14/21 19:30:00	11.33	13.98					10.9319472	106.7711927			-0.40	-3.51	Good
665	04/14/21 20:00:00	11.44	13.96					11.03800703	107.7596844			-0.40	-3.51	Good
666	04/14/21 20:30:00	11.47	13.96					11.06687707	108.0415311			-0.40	-3.51	Good
667	04/14/21 21:00:00	11.45	13.94					11.04750434	107.8049829			-0.40	-3.52	Good
668	04/14/21 21:30:00	11.62	13.94					11.21145165	109.4048317			-0.41	-3.52	Good
669	04/14/21 22:00:00	11.58	13.90					11.17278151	108.9315744			-0.41	-3.52	Good
670	04/14/21 22:30:00	11.72	13.86					11.30778088	110.1507389			-0.41	-3.52	Good
671	04/14/21 23:00:00	11.79	13.82					11.37524093	110.7102737			-0.41	-3.52	Good
672	04/14/21 23:30:00	11.65	13.78				11.066	11.240089	109.2984732		10.596	-0.41	-3.52	Good
673	04/15/21 00:00:00	11.72	13.74	10.19	11.77	10.81792		11.30754858	109.8574633	10.436		-0.41	-3.52	Good
674	04/15/21 00:30:00	11.72	13.72					11.30747115	109.8082252			-0.41	-3.52	Good
675	04/15/21 01:00:00	11.77	13.70					11.35563345	110.2272474			-0.41	-3.52	Good
676	04/15/21 01:30:00	11.63	13.68					11.22048536	108.8672835			-0.41	-3.52	Good
677	04/15/21 02:00:00	11.55	13.66					11.14322601	108.0699029			-0.41	-3.52	Good
678	04/15/21 02:30:00	11.50	13.64					11.09491095	107.5537746			-0.41	-3.52	Good
679	04/15/21 03:00:00	11.14	13.62					10.7475184	104.1400973			-0.39	-3.52	Good
680	04/15/21 03:30:00	10.98	13.60					10.59308294	102.598269			-0.39	-3.52	Good
681	04/15/21 04:00:00	10.94	13.60					10.55442019	102.2238047			-0.39	-3.52	Good
682	04/15/21 04:30:00	10.93	13.58					10.54470043	102.0844797			-0.39	-3.53	Good
683	04/15/21 05:00:00	10.76	13.58					10.38062211	100.4960182			-0.38	-3.53	Good
684	04/15/21 05:30:00	10.76	13.58					10.38055102	100.49533			-0.38	-3.53	Good
685	04/15/21 06:00:00	10.79	13.58					10.40942179	100.7748313			-0.38	-3.53	Good
686	04/15/21 06:30:00	10.77	13.58					10.39005606	100.5873494			-0.38	-3.53	Good
687	04/15/21 07:00:00	10.72	13.58					10.34174913	100.1196844			-0.38	-3.53	Good

688	04/15/21 07:30:00	10.57	13.58					10.19697199	98.71807991			-0.37	-3.53	Good
689	04/15/21 08:00:00	10.45	13.58					10.08113789	97.59667646			-0.37	-3.53	Good
690	04/15/21 08:30:00	10.28	13.60					9.917070602	96.05081758			-0.36	-3.53	Good
691	04/15/21 09:00:00	10.22	13.62					9.859121345	95.53180718			-0.36	-3.53	Good
692	04/15/21 09:30:00	10.20	13.64					9.839760176	95.38637597			-0.36	-3.53	Good
693	04/15/21 10:00:00	10.22	13.66					9.858986302	95.6150124			-0.36	-3.53	Good
694	04/15/21 10:30:00	10.19	13.66					9.829978706	95.33368919			-0.36	-3.53	Good
695	04/15/21 11:00:00	10.19	13.68					9.829911382	95.37517449			-0.36	-3.53	Good
696	04/15/21 11:30:00	10.19	13.68					9.829844059	95.37452128			-0.36	-3.53	Good
697	04/15/21 12:00:00	10.21	13.72					9.849069722	95.64551182			-0.36	-3.54	Good
698	04/15/21 12:30:00	10.21	13.76					9.849002267	95.72932474			-0.36	-3.54	Good
699	04/15/21 13:00:00	10.26	13.78					9.897166617	96.23991418			-0.36	-3.54	Good
700	04/15/21 13:30:00	10.27	13.80					9.906745127	96.37554706			-0.36	-3.54	Good
701	04/15/21 14:00:00	10.35	13.80					9.983847107	97.12561638			-0.37	-3.54	Good
702	04/15/21 14:30:00	10.39	13.82					10.02236338	97.54330481			-0.37	-3.54	Good
703	04/15/21 15:00:00	10.67	13.82					10.29238545	100.1713122			-0.38	-3.54	Good
704	04/15/21 15:30:00	10.82	13.84					10.43700542	101.6236098			-0.38	-3.54	Good
705	04/15/21 16:00:00	10.86	13.86					10.47551779	102.043543			-0.38	-3.54	Good
706	04/15/21 16:30:00	10.91	13.88					10.52367553	102.5578093			-0.39	-3.54	Good
707	04/15/21 17:00:00	10.96	13.88					10.57183262	103.027121			-0.39	-3.54	Good
708	04/15/21 17:30:00	10.93	13.90					10.54282291	102.7896498			-0.39	-3.54	Good
709	04/15/21 18:00:00	10.96	13.90					10.5716878	103.0710746			-0.39	-3.54	Good
710	04/15/21 18:30:00	10.89	13.90					10.50409594	102.4120724			-0.39	-3.54	Good
711	04/15/21 19:00:00	10.90	13.90					10.51366956	102.5054126			-0.39	-3.54	Good
712	04/15/21 19:30:00	10.98	13.90					10.59076157	103.2570387			-0.39	-3.54	Good
713	04/15/21 20:00:00	10.97	13.90					10.58104359	103.162291			-0.39	-3.55	Good
714	04/15/21 20:30:00	11.04	13.90					10.6484887	103.8198625			-0.39	-3.55	Good
715	04/15/21 21:00:00	11.14	13.88					10.74486881	104.7134342			-0.40	-3.55	Good
716	04/15/21 21:30:00	11.13	13.88					10.73514997	104.6187199			-0.39	-3.55	Good
717	04/15/21 22:00:00	11.15	13.86					10.75436678	104.7598516			-0.40	-3.55	Good
718	04/15/21 22:30:00	11.05	13.84					10.65784205	103.7738642			-0.39	-3.55	Good
719	04/15/21 23:00:00	11.03	13.82					10.63847897	103.53969			-0.39	-3.55	Good
720	04/15/21 23:30:00	10.99	13.78				10.976	10.5998262	103.0725665		10.523	-0.39	-3.55	Good
721	04/16/21 00:00:00	11.02	13.76	10.48	11.29	10.83271		10.62868832	103.3076374	10.446		-0.39	-3.55	Good
722	04/16/21 00:30:00	11.02	13.72					10.62861551	103.2157756			-0.39	-3.55	Good
723	04/16/21 01:00:00	10.93	13.70					10.54173972	102.3269161			-0.39	-3.55	Good
724	04/16/21 01:30:00	10.81	13.66					10.42593099	101.1133894			-0.38	-3.55	Good
725	04/16/21 02:00:00	10.86	13.62					10.47408279	101.4905916			-0.39	-3.55	Good
726	04/16/21 02:30:00	10.82	13.58					10.43543273	101.0266463			-0.38	-3.55	Good
727	04/16/21 03:00:00	10.63	13.52					10.25211553	99.12016154			-0.38	-3.55	Good
728	04/16/21 03:30:00	10.49	13.48					10.11702307	97.72738374			-0.37	-3.56	Good
729	04/16/21 04:00:00	10.48	13.46					10.10730938	97.59026618			-0.37	-3.56	Good
730	04/16/21 04:30:00	10.48	13.42					10.10724014	97.503038			-0.37	-3.56	Good
731	04/16/21 05:00:00	10.49	13.38					10.11681515	97.50878156			-0.37	-3.56	Good
732	04/16/21 05:30:00	10.51	13.34					10.13603421	97.60724728			-0.37	-3.56	Good
733	04/16/21 06:00:00	10.49	13.30					10.11667654	97.33424742			-0.37	-3.56	Good
734	04/16/21 06:30:00	10.51	13.28					10.13589533	97.47578325			-0.37	-3.56	Good
735	04/16/21 07:00:00	10.50	13.24					10.12618191	97.29572315			-0.37	-3.56	Good
736	04/16/21 07:30:00	10.53	13.20					10.15504429	97.48616501			-0.37	-3.56	Good
737	04/16/21 08:00:00	10.52	13.18					10.14533087	97.34952741			-0.37	-3.56	Good
738	04/16/21 08:30:00	10.54	13.16					10.16454894	97.49046545			-0.38	-3.56	Good
739	04/16/21 09:00:00	10.56	13.16					10.18376674	97.67478768			-0.38	-3.56	Good
740	04/16/21 09:30:00	10.58	13.16					10.20298427	97.85910738			-0.38	-3.56	Good
741	04/16/21 10:00:00	10.60	13.16					10.22220155	98.04342455			-0.38	-3.56	Good
742	04/16/21 10:30:00	10.59	13.14					10.21248799	97.90658997			-0.38	-3.56	Good
743	04/16/21 11:00:00	10.62	13.12					10.24134839	98.13948418			-0.38	-3.57	Good
744	04/16/21 11:30:00	10.62	13.12					10.24127823	98.13881182			-0.38	-3.57	Good
745	04/16/21 12:00:00	10.66	13.10					10.27978135	98.46382565			-0.38	-3.57	Good
746	04/16/21 12:30:00	10.69	13.10					10.30864069	98.74025186			-0.38	-3.57	Good
747	04/16/21 13:00:00	10.74	13.10					10.35678601	99.20140687			-0.38	-3.57	Good
748	04/16/21 13:30:00	10.76	13.10					10.3760013	99.38545855			-0.38	-3.57	Good
749	04/16/21 14:00:00	10.75	13.12					10.36628716	99.33673141			-0.38	-3.57	Good
750	04/16/21 14:30:00	10.77	13.08					10.38550212	99.43206443			-0.38	-3.57	Good
751	04/16/21 15:00:00	10.82	13.10					10.43364559	99.9375984			-0.39	-3.57	Good
752	04/16/21 15:30:00	10.86	13.12					10.47214554	100.3511376			-0.39	-3.57	Good
753	04/16/21 16:00:00	10.89	13.12					10.50100217	100.6276613			-0.39	-3.57	Good
754	04/16/21 16:30:00	10.90	13.10					10.51057295	100.6744392			-0.39	-3.57	Good
755	04/16/21 17:00:00	10.93	13.10					10.53942892	100.9508331			-0.39	-3.57	Good
756	04/16/21 17:30:00	11.11	13.08					10.71292343	102.566836			-0.40	-3.57	Good
757	04/16/21 18:00:00	11.10	13.08					10.7032075	102.4738145			-0.40	-3.57	Good
758	04/16/21 18:30:00	11.15	13.08					10.75134648	102.934703			-0.40	-3.58	Good
759	04/16/21 19:00:00	11.19	13.06					10.7898424	103.2571469			-0.40	-3.58	Good
760	04/16/21 19:30:00	11.25	13.06					10.84762245	103.8100932			-0.40	-3.58	Good
761	04/16/21 20:00:00	11.25	13.06					10.84754813	103.8093819			-0.40	-3.58	Good
762	04/16/21 20:30:00	11.26	13.06					10.857116	103.900945			-0.40	-3.58	Good
763	04/16/21 21:00:00	11.25	13.06					10.84739947	103.8079594			-0.40	-3.58	Good
764	04/16/21 21:30:00	11.28	13.04					10.87625135	104.0375818			-0.40	-3.58	Good
765	04/16/21 22:00:00	11.29	13.04					10.88581882	104.1291002			-0.40	-3.58	Good
766	04/16/21 22:30:00	11.29	13.02					10.88574423	104.0818651			-0.40	-3.58	Good
767	04/16/21 23:00:00	11.29	13.02					10.88566964	104.0811519			-0.40	-3.58	Good
768	04/16/21 23:30:00	11.29	13.00				10.924	10.88559505	104.0339223		10.487	-0.40	-3.58	Good
769	04/17/21 00:00:00	11.11	12.96	10.78	11.18	10.98458		10.7119692	102.2830397	10.589		-0.40	-3.58	Good
770	04/17/21 00:30:00	11.00	12.94					10.60583743	101.2243346			-0.39	-3.58	Good
771	04/17/21 01:00:00	10.98	12.92					10.58648154	100.9943773			-0.39	-3.58	Good
772	04/17/21 01:30:00	11.00	12.90					10.60569208	101.1323463			-0.39	-3.58	Good
773	04/17/21 02:00:00	10.98	12.88					10.58633646	100.9025663			-0.39	-3.59	Good
774	04/17/21 02:30:00	10.97	12.86					10.57662251	100.7648135			-0.39	-3.59	Good
775	04/17/21 03:00:00	10.95	12.82					10.55726735	100.4902623			-0.39	-3.59	Good
776	04/17/21 03:30:00	10.92	12.80					10.52827119	100.1693141			-0.39	-3.59	Good
777	04/17/21 04:00:00	10.89	12.80					10.49927542	99.8934391			-0.39	-3.59	Good
778	04/17/21 04:30:00	10.87	12.78					10.47992119	99.66456191			-0.39	-3.59	Good
779	04/17/21 05:00:00	10.85	12.76					10.46056722	99.43585684			-0.39	-3.59	Good
780	04/17/21 05:30:00	10.82	12.72					10.4315725	99.0712043			-0.39	-3.59	Good
781	04/17/21 06:00:00	10.80	12.70					10.41221913	98.84297214			-0.39	-3.59	Good
782	04/17/21 06:30:00	10.79	12.68					10.4025069	98.70639152			-0.39	-3.59	Good
783	04/17/21 07:00:00	10.78	12.64					10.3927948	98.52556696			-0.39	-3.59	Good
784	04/17/21 07:30:00	10.79	12.60					10.40236433	98.5275544			-0.39	-3.59	Good
785	04/17/21 08:00:00	10.80	12.60					10.41193372	98.61819233			-0.39	-3.59	Good
786	04/17/21 08:30:00	10.81	12.58					10.42150298	98.66438729			-0.39	-3.59	Good
787	04/17/21 09:00:00	10.82	12.58					10.4310721	98.75498191			-0.39	-3.59	Good
788	04/17/21 09:30:00	10.84	12.58					10.45028158	98.93684543			-0.39	-3.60	Good
789	04/17/21 10:00:00	10.83	12.58					10.44056955	98.84489787			-0.39	-3.60	Good
790	04/17/21 10:30:00	10.84	12.58					10.45013835	98.93548936			-0.39	-3.60	Good
791	04/17/21 11:00:00	10.88	12.60					10.48862786	99.3446124			-0.39	-3.60	Good
792	04/17/21 11:30:00	10.88	12.62					10.48855598	99.38866365			-0.39	-3.60	Good
793	04/17/21 12:00:00	10.90	12.66					10.5077644	99.6603223			-0.39	-3.60	Good
794	04/17/21 12:30:00	10.92	12.68					10.52697255	99.88741024			-0.39	-3.60	Good
795	04/17/21 13:00:00	10.95	12.66					10.55582046	100.1161074			-0.39	-3.60	Good
796	04/17/21 13:30:00	10.94	12.66					10.54610816	100.0239917			-0.39	-3.60	Good
797	04/17/21 14:00:00	10.95	12.62					10.55567577	100.0246851			-0.39	-3.60	Good
798	04/17/21 14:30:00	11.04	12.66					10.64236181	100.9369042			-0.40	-3.60	Good
799	04/17/21 15:00:00	11.09	12.72					10.69048765	101.5301849			-0.40	-3.60	Good
800	04/17/21 15:30:00	11.11	12.72					10.70969375	101.7125901			-0.40	-3.60	Good
801	04/17/21 16:00:00	11.13	12.68					10.7288996	101.8034378			-0.40	-3.60	Good
802	04/17/21 16:30:00	11.12	12.66					10.71918651	101.6655438			-0.40	-3.60	Good
803	04/17/21 17:00:00	11.15	12.66					10.74803151	101.9391227			-0.40	-3.61	Good

804	04/17/21 17:30:00	11.16	12.66					10.75759727	102.0298486			-0.40	-3.61	Good
805	04/17/21 18:00:00	11.18	12.64					10.77680225	102.1660268			-0.40	-3.61	Good
806	04/17/21 18:30:00	11.17	12.60					10.76708909	101.9820998			-0.40	-3.61	Good
807	04/17/21 19:00:00	11.16	12.58					10.75737607	101.8442274			-0.40	-3.61	Good
808	04/17/21 19:30:00	11.15	12.56					10.74766318	101.7064436			-0.40	-3.61	Good
809	04/17/21 20:00:00	11.14	12.56					10.73795042	101.6145306			-0.40	-3.61	Good
810	04/17/21 20:30:00	11.13	12.56					10.72823779	101.5226188			-0.40	-3.61	Good
811	04/17/21 21:00:00	11.14	12.58					10.73780322	101.6589236			-0.40	-3.61	Good
812	04/17/21 21:30:00	11.14	12.62					10.73772962	101.7498119			-0.40	-3.61	Good
813	04/17/21 22:00:00	11.13	12.64					10.72801719	101.7035356			-0.40	-3.61	Good
814	04/17/21 22:30:00	11.12	12.68					10.71830489	101.7029077			-0.40	-3.61	Good
815	04/17/21 23:00:00	11.08	12.68					10.67967664	101.3363753			-0.40	-3.61	Good
816	04/17/21 23:30:00	11.06	12.70				10.924	10.66032617	101.1982469		10.500	-0.40	-3.61	Good
817	04/18/21 00:00:00	11.04	12.70	10.75	11.60	11.00167		10.64097597	101.0145559	10.602		-0.40	-3.61	Good
818	04/18/21 00:30:00	11.05	12.70					10.65054153	101.1053615			-0.40	-3.62	Good
819	04/18/21 01:00:00	11.57	12.72					11.15166704	105.9101189			-0.42	-3.62	Good
820	04/18/21 01:30:00	11.60	12.64					11.1805057	105.9932082			-0.42	-3.62	Good
821	04/18/21 02:00:00	11.60	12.66					11.18042906	106.0401739			-0.42	-3.62	Good
822	04/18/21 02:30:00	11.53	12.66					11.11288478	105.3995538			-0.42	-3.62	Good
823	04/18/21 03:00:00	11.41	12.62					10.99715058	104.2080628			-0.41	-3.62	Good
824	04/18/21 03:30:00	11.24	12.60					10.83322745	102.6085391			-0.41	-3.62	Good
825	04/18/21 04:00:00	11.05	12.54					10.65003049	100.7371264			-0.40	-3.62	Good
826	04/18/21 04:30:00	10.92	12.50					10.52466387	99.46156912			-0.40	-3.62	Good
827	04/18/21 05:00:00	10.89	12.44					10.49567801	99.05344893			-0.39	-3.62	Good
828	04/18/21 05:30:00	10.86	12.38					10.46669254	98.64611368			-0.39	-3.62	Good
829	04/18/21 06:00:00	10.84	12.32					10.44734525	98.33027371			-0.39	-3.62	Good
830	04/18/21 06:30:00	10.80	12.26					10.40872281	97.833797			-0.39	-3.62	Good
831	04/18/21 07:00:00	10.80	12.20					10.40865145	97.70020452			-0.39	-3.62	Good
832	04/18/21 07:30:00	10.77	12.16					10.37966738	97.33980163			-0.39	-3.62	Good
833	04/18/21 08:00:00	10.77	12.10					10.37959622	97.20665038			-0.39	-3.62	Good
834	04/18/21 08:30:00	10.76	12.10					10.36988762	97.11572775			-0.39	-3.63	Good
835	04/18/21 09:00:00	10.75	12.08					10.36017916	96.98073656			-0.39	-3.63	Good
836	04/18/21 09:30:00	10.77	12.08					10.37938276	97.16049976			-0.39	-3.63	Good
837	04/18/21 10:00:00	10.76	12.10					10.36967436	97.11373046			-0.39	-3.63	Good
838	04/18/21 10:30:00	10.75	12.12					10.35996609	97.06688426			-0.39	-3.63	Good
839	04/18/21 11:00:00	10.77	12.14					10.37916929	97.29096663			-0.39	-3.63	Good
840	04/18/21 11:30:00	10.78	12.16					10.38873518	97.42483885			-0.39	-3.63	Good
841	04/18/21 12:00:00	10.80	12.20					10.40793792	97.69350696			-0.39	-3.63	Good
842	04/18/21 12:30:00	10.81	12.24					10.41750348	97.87197897			-0.39	-3.63	Good
843	04/18/21 13:00:00	10.85	12.28					10.45597945	98.32248989			-0.39	-3.63	Good
844	04/18/21 13:30:00	10.82	12.28					10.42699742	98.04995826			-0.39	-3.63	Good
845	04/18/21 14:00:00	10.85	12.26					10.45583608	98.27662466			-0.39	-3.63	Good
846	04/18/21 14:30:00	10.89	12.24					10.49431099	98.59358214			-0.40	-3.63	Good
847	04/18/21 15:00:00	10.92	12.28					10.52314879	98.95411483			-0.40	-3.63	Good
848	04/18/21 15:30:00	10.96	12.34					10.56162272	99.45083269			-0.40	-3.63	Good
849	04/18/21 16:00:00	10.94	12.32					10.5422774	99.22377386			-0.40	-3.64	Good
850	04/18/21 16:30:00	10.94	12.30					10.54220513	99.17819977			-0.40	-3.64	Good
851	04/18/21 17:00:00	10.96	12.32					10.56140548	99.4038071			-0.40	-3.64	Good
852	04/18/21 17:30:00	11.00	12.36					10.59987808	99.85620308			-0.40	-3.64	Good
853	04/18/21 18:00:00	11.00	12.36					10.59980541	99.85551845			-0.40	-3.64	Good
854	04/18/21 18:30:00	11.02	12.38					10.61900498	100.0816225			-0.40	-3.64	Good
855	04/18/21 19:00:00	11.03	12.42					10.62856822	100.2623178			-0.40	-3.64	Good
856	04/18/21 19:30:00	11.06	12.44					10.65740332	100.579739			-0.40	-3.64	Good
857	04/18/21 20:00:00	11.07	12.48					10.66696617	100.7609072			-0.40	-3.64	Good
858	04/18/21 20:30:00	11.06	12.50					10.65725717	100.7146199			-0.40	-3.64	Good
859	04/18/21 21:00:00	11.11	12.56					10.70536305	101.3061524			-0.40	-3.64	Good
860	04/18/21 21:30:00	11.14	12.60					10.73419683	101.6705557			-0.41	-3.64	Good
861	04/18/21 22:00:00	11.14	12.66					10.73412323	101.8072103			-0.41	-3.64	Good
862	04/18/21 22:30:00	11.19	12.70					10.78222759	102.3554544			-0.41	-3.64	Good
863	04/18/21 23:00:00	11.22	12.76					10.81106023	102.7675665			-0.41	-3.64	Good
864	04/18/21 23:30:00	11.22	12.78				10.933	10.81098611	102.8130055		10.522	-0.41	-3.65	Good
865	04/19/21 00:00:00	11.25	12.80	11.19	11.59	11.31583		10.83981816	103.1334708	10.901		-0.41	-3.65	Good
866	04/19/21 00:30:00	11.26	12.80					10.84937916	103.2244372			-0.41	-3.65	Good
867	04/19/21 01:00:00	11.22	12.80					10.81076372	102.8570377			-0.41	-3.65	Good
868	04/19/21 01:30:00	11.25	12.82					10.83959518	103.1776241			-0.41	-3.65	Good
869	04/19/21 02:00:00	11.20	12.82					10.7913452	102.7183525			-0.41	-3.65	Good
870	04/19/21 02:30:00	11.20	12.82					10.79127121	102.7176482			-0.41	-3.65	Good
871	04/19/21 03:00:00	11.21	12.82					10.80083221	102.8086554			-0.41	-3.65	Good
872	04/19/21 03:30:00	11.22	12.82					10.81039308	102.8996614			-0.41	-3.65	Good
873	04/19/21 04:00:00	11.23	12.82					10.81995382	102.9906661			-0.41	-3.65	Good
874	04/19/21 04:30:00	11.24	12.80					10.82951442	103.0354378			-0.41	-3.65	Good
875	04/19/21 05:00:00	11.25	12.80					10.83907489	103.1263992			-0.41	-3.65	Good
876	04/19/21 05:30:00	11.24	12.78					10.8293659	102.9877982			-0.41	-3.65	Good
877	04/19/21 06:00:00	11.22	12.76					10.81002244	102.7577015			-0.41	-3.65	Good
878	04/19/21 06:30:00	11.19	12.72					10.7810447	102.3902275			-0.41	-3.65	Good
879	04/19/21 07:00:00	11.24	12.70					10.82914312	102.8008226			-0.41	-3.66	Good
880	04/19/21 07:30:00	11.24	12.68					10.82906886	102.753915			-0.41	-3.66	Good
881	04/19/21 08:00:00	11.26	12.64					10.84826327	102.8434901			-0.41	-3.66	Good
882	04/19/21 08:30:00	11.27	12.60					10.85782315	102.841501			-0.41	-3.66	Good
883	04/19/21 09:00:00	11.27	12.58					10.85774869	102.7944937			-0.41	-3.66	Good
884	04/19/21 09:30:00	11.27	12.56					10.85767423	102.7474916			-0.41	-3.66	Good
885	04/19/21 10:00:00	11.27	12.52					10.85759977	102.654207			-0.41	-3.66	Good
886	04/19/21 10:30:00	11.29	12.50					10.87679333	102.7893094			-0.41	-3.66	Good
887	04/19/21 11:00:00	11.28	12.48					10.86708479	102.6512417			-0.41	-3.66	Good
888	04/19/21 11:30:00	11.27	12.48					10.8573764	102.5595355			-0.41	-3.66	Good
889	04/19/21 12:00:00	11.30	12.48					10.88620336	102.831837			-0.41	-3.66	Good
890	04/19/21 12:30:00	11.32	12.52					10.90539619	103.1061028			-0.41	-3.66	Good
891	04/19/21 13:00:00	11.35	12.58					10.93422243	103.5185			-0.42	-3.66	Good
892	04/19/21 13:30:00	11.32	12.58					10.90524661	103.2441748			-0.41	-3.66	Good
893	04/19/21 14:00:00	11.32	12.60					10.90517182	103.289971			-0.41	-3.66	Good
894	04/19/21 14:30:00	11.28	12.58					10.86656312	102.8779433			-0.41	-3.67	Good
895	04/19/21 15:00:00	11.30	12.58					10.88575542	103.0596442			-0.41	-3.67	Good
896	04/19/21 15:30:00	11.29	12.58					10.87604742	102.9677348			-0.41	-3.67	Good
897	04/19/21 16:00:00	11.26	12.58					10.84707299	102.6934227			-0.41	-3.67	Good
898	04/19/21 16:30:00	11.25	12.56					10.83736538	102.5553065			-0.41	-3.67	Good
899	04/19/21 17:00:00	11.34	12.60					10.92398938	103.4682044			-0.42	-3.67	Good
900	04/19/21 17:30:00	11.38	12.68					10.96244679	104.0194998			-0.42	-3.67	Good
901	04/19/21 18:00:00	11.40	12.68					10.98163763	104.2015962			-0.42	-3.67	Good
902	04/19/21 18:30:00	11.44	12.70					11.02009411	104.6135162			-0.42	-3.67	Good
903	04/19/21 19:00:00	11.43	12.70					11.01038565	104.521354			-0.42	-3.67	Good
904	04/19/21 19:30:00	11.43	12.70					11.01031013	104.5206371			-0.42	-3.67	Good
905	04/19/21 20:00:00	11.39	12.70					10.97170361	104.1541463			-0.42	-3.67	Good
906	04/19/21 20:30:00	11.39	12.72					10.97162836	104.2002473			-0.42	-3.67	Good
907	04/19/21 21:00:00	11.46	12.74					11.03898144	104.8870235			-0.42	-3.67	Good
908	04/19/21 21:30:00	11.48	12.76					11.05817083	105.1165457			-0.42	-3.67	Good
909	04/19/21 22:00:00	11.47	12.78					11.0484625	105.0714176			-0.42	-3.68	Good
910	04/19/21 22:30:00	11.56	12.84					11.13507851	106.0377485			-0.42	-3.68	Good
911	04/19/21 23:00:00	11.57	12.90					11.14463449	106.2715215			-0.43	-3.68	Good
912	04/19/21 23:30:00	11.59	12.92				10.999	11.16382262	106.5021754		10.599	-0.43	-3.68	Good
913	04/20/21 00:00:00	11.62	12.96	11.02	11.79	11.59354		11.19264272	106.8727419	11.202		-0.43	-3.68	Good
914	04/20/21 00:30:00	11.64	12.98					11.21183026	107.103855			-0.43	-3.68	Good
915	04/20/21 01:00:00	11.66	13.00					11.23101754	107.3351342			-0.43	-3.68	Good
916	04/20/21 01:30:00	11.68	13.04					11.25020455	107.6146587			-0.43	-3.68	Good
917	04/20/21 02:00:00	11.69	13.04					11.25975934	107.7060557			-0.43	-3.68	Good
918	04/20/21 02:30:00	11.69	13.06					11.25968211	107.7534413			-0.43	-3.68	Good
919	04/20/21 03:00:00	11.69	13.06					11.25960488	107.7527022			-0.43	-3.68	Good

920	04/20/21 03:30:00	11.72	13.06					11.28842292	108.0284865			-0.43	-3.68	Good
921	04/20/21 04:00:00	11.71	13.08					11.2787138	107.983782			-0.43	-3.68	Good
922	04/20/21 04:30:00	11.72	13.10					11.28826806	108.1235116			-0.43	-3.68	Good
923	04/20/21 05:00:00	11.72	13.10					11.28819063	108.1227699			-0.43	-3.68	Good
924	04/20/21 05:30:00	11.69	13.10					11.25921871	107.8452654			-0.43	-3.69	Good
925	04/20/21 06:00:00	11.68	13.10					11.24951004	107.7522719			-0.43	-3.69	Good
926	04/20/21 06:30:00	11.66	13.10					11.23017015	107.5670268			-0.43	-3.69	Good
927	04/20/21 07:00:00	11.70	13.10					11.2686183	107.9352984			-0.43	-3.69	Good
928	04/20/21 07:30:00	11.70	13.10					11.268541	107.934558			-0.43	-3.69	Good
929	04/20/21 08:00:00	11.71	13.12					11.27809487	108.0742858			-0.43	-3.69	Good
930	04/20/21 08:30:00	11.70	13.12					11.26838641	107.9812528			-0.43	-3.69	Good
931	04/20/21 09:00:00	11.70	13.12					11.26830911	107.980512			-0.43	-3.69	Good
932	04/20/21 09:30:00	11.66	13.12					11.22970794	107.6106097			-0.43	-3.69	Good
933	04/20/21 10:00:00	11.65	13.14					11.22	107.565555			-0.43	-3.69	Good
934	04/20/21 10:30:00	11.59	13.20					11.22	107.3631716			-0.37	-3.19	Good
935	04/20/21 11:00:00	11.61	13.16					11.23987135	107.4575021			-0.37	-3.19	Good
936	04/20/21 11:30:00	11.61	13.18					11.24038119	107.5102845			-0.37	-3.18	Good
937	04/20/21 12:00:00	11.60	13.20					11.23120894	107.4704289			-0.37	-3.18	Good
938	04/20/21 12:30:00	11.65	13.22					11.28013092	107.9866458			-0.37	-3.17	Good
939	04/20/21 13:00:00	11.61	13.24					11.24191069	107.6686854			-0.37	-3.17	Good
940	04/20/21 13:30:00	11.72	13.34					11.34893785	108.9357249			-0.37	-3.17	Good
941	04/20/21 14:00:00	11.74	13.40					11.36882018	109.2720767			-0.37	-3.16	Good
942	04/20/21 14:30:00	11.79	13.44					11.41775709	109.8398814			-0.37	-3.16	Good
943	04/20/21 15:00:00	11.72	13.44					11.35048185	109.1926873			-0.37	-3.15	Good
944	04/20/21 15:30:00	11.72	13.42					11.35099651	109.1491986			-0.37	-3.15	Good
945	04/20/21 16:00:00	11.28	13.44					10.92534523	105.1028336			-0.35	-3.14	Good
946	04/20/21 16:30:00	11.60	13.50					11.23579349	108.2332466			-0.36	-3.14	Good
947	04/20/21 17:00:00	11.49	13.44					11.12975174	107.0692432			-0.36	-3.14	Good
948	04/20/21 17:30:00	11.30	13.44					10.94620507	105.3035072			-0.35	-3.13	Good
949	04/20/21 18:00:00	11.08	13.42					10.73357967	103.2122262			-0.35	-3.13	Good
950	04/20/21 18:30:00	11.30	13.44					10.94719751	105.3130546			-0.35	-3.12	Good
951	04/20/21 19:00:00	11.40	13.46					11.04457597	106.2969811			-0.36	-3.12	Good
952	04/20/21 19:30:00	11.54	13.46					11.18071788	107.6072599			-0.36	-3.11	Good
953	04/20/21 20:00:00	11.62	13.50					11.25873746	108.4542635			-0.36	-3.11	Good
954	04/20/21 20:30:00	11.62	13.52					11.25924773	108.5072454			-0.36	-3.10	Good
955	04/20/21 21:00:00	11.65	13.52					11.28882795	108.7923149			-0.36	-3.10	Good
956	04/20/21 21:30:00	11.66	13.54					11.29902996	108.9388743			-0.36	-3.10	Good
957	04/20/21 22:00:00	11.48	13.58					11.12510652	107.3570128			-0.35	-3.09	Good
958	04/20/21 22:30:00	11.40	13.62					11.04808025	106.7080814			-0.35	-3.09	Good
959	04/20/21 23:00:00	11.02	13.62					10.68029484	103.1558194			-0.34	-3.08	Good
960	04/20/21 23:30:00	11.30	13.64				11.047	10.95215971	105.8284132		10.655	-0.35	-3.08	Good
961	04/21/21 00:00:00	11.57	13.66	10.98	11.76	11.46271		11.21435656	108.4098727	11.122		-0.36	-3.07	Good
962	04/21/21 00:30:00	11.71	13.68					11.35056741	109.7751243			-0.36	-3.07	Good
963	04/21/21 01:00:00	11.74	13.70					11.38016211	110.1099686			-0.36	-3.07	Good
964	04/21/21 01:30:00	11.74	13.72					11.38067766	110.1635876			-0.36	-3.06	Good
965	04/21/21 02:00:00	11.75	13.72					11.39088757	110.2624183			-0.36	-3.06	Good
966	04/21/21 02:30:00	11.74	13.74					11.38170874	110.2222081			-0.36	-3.05	Good
967	04/21/21 03:00:00	11.76	13.74					11.40161478	110.4149813			-0.36	-3.05	Good
968	04/21/21 03:30:00	11.74	13.76					11.38273982	110.280842			-0.36	-3.04	Good
969	04/21/21 04:00:00	11.72	13.76					11.36386311	110.0979563			-0.36	-3.04	Good
970	04/21/21 04:30:00	11.70	13.76					11.34498464	109.9150536			-0.36	-3.03	Good
971	04/21/21 05:00:00	11.69	13.76					11.33580142	109.8260827			-0.35	-3.03	Good
972	04/21/21 05:30:00	11.64	13.76					11.28782753	109.3612912			-0.35	-3.03	Good
973	04/21/21 06:00:00	11.62	13.74					11.26894291	109.1301666			-0.35	-3.02	Good
974	04/21/21 06:30:00	11.60	13.74					11.25005653	108.947268			-0.35	-3.02	Good
975	04/21/21 07:00:00	11.56	13.74					11.21177087	108.5765038			-0.35	-3.01	Good
976	04/21/21 07:30:00	11.57	13.72					11.22197771	108.6273913			-0.35	-3.01	Good
977	04/21/21 08:00:00	11.57	13.72					11.22248579	108.6323094			-0.35	-3.00	Good
978	04/21/21 08:30:00	11.60	13.72					11.25209411	108.9189144			-0.35	-3.00	Good
979	04/21/21 09:00:00	11.61	13.74					11.26230403	109.0658746			-0.35	-2.99	Good
980	04/21/21 09:30:00	11.61	13.76					11.26281386	109.1189481			-0.35	-2.99	Good
981	04/21/21 10:00:00	11.61	13.78					11.26332369	109.1720304			-0.35	-2.99	Good
982	04/21/21 10:30:00	11.60	13.78					11.25413169	109.0829351			-0.35	-2.98	Good
983	04/21/21 11:00:00	11.58	13.82					11.23523653	108.995849			-0.34	-2.98	Good
984	04/21/21 11:30:00	11.57	13.82					11.22604233	108.9066538			-0.34	-2.97	Good
985	04/21/21 12:00:00	11.56	13.78					11.21684725	108.7215482			-0.34	-2.97	Good
986	04/21/21 12:30:00	11.55	13.78					11.20765129	108.6324145			-0.34	-2.96	Good
987	04/21/21 13:00:00	11.46	13.72					11.12082219	107.648218			-0.34	-2.96	Good
988	04/21/21 13:30:00	11.42	13.68					11.08250755	107.182628			-0.34	-2.96	Good
989	04/21/21 14:00:00	11.44	13.70					11.10241886	107.4226343			-0.34	-2.95	Good
990	04/21/21 14:30:00	11.49	13.70					11.15144799	107.8970207			-0.34	-2.95	Good
991	04/21/21 15:00:00	11.48	13.72					11.14224676	107.8556052			-0.34	-2.94	Good
992	04/21/21 15:30:00	11.47	13.70					11.13304466	107.7189574			-0.34	-2.94	Good
993	04/21/21 16:00:00	11.51	13.74					11.17237501	108.1949883			-0.34	-2.93	Good
994	04/21/21 16:30:00	11.49	13.70					11.15346624	107.9165486			-0.34	-2.93	Good
995	04/21/21 17:00:00	11.44	13.68					11.10543307	107.4043484			-0.33	-2.92	Good
996	04/21/21 17:30:00	11.38	13.62					11.04768753	106.7042883			-0.33	-2.92	Good
997	04/21/21 18:00:00	11.25	13.56					10.92197774	105.350185			-0.33	-2.92	Good
998	04/21/21 18:30:00	11.11	13.50					10.78654767	103.9057077			-0.32	-2.91	Good
999	04/21/21 19:00:00	11.01	13.46					10.68994252	102.8838609			-0.32	-2.91	Good
1000	04/21/21 19:30:00	10.98	13.44					10.66129678	102.5626631			-0.32	-2.90	Good
1001	04/21/21 20:00:00	11.02	13.46					10.70061967	102.9866217			-0.32	-2.90	Good
1002	04/21/21 20:30:00	10.99	13.46					10.67197174	102.7109036			-0.32	-2.89	Good
1003	04/21/21 21:00:00	11.03	13.48					10.71129858	103.135118			-0.32	-2.89	Good
1004	04/21/21 21:30:00	11.06	13.48					10.74091744	103.420307			-0.32	-2.89	Good
1005	04/21/21 22:00:00	11.10	13.46					10.78025087	103.7530211			-0.32	-2.88	Good
1006	04/21/21 22:30:00	11.11	13.48					10.79045069	103.8972442			-0.32	-2.88	Good
1007	04/21/21 23:00:00	11.11	13.50					10.79093856	103.9480047			-0.32	-2.87	Good
1008	04/21/21 23:30:00	11.15	13.50				11.144	10.83027946	104.3269716		10.757	-0.32	-2.87	Good
1009	04/22/21 00:00:00	11.17	13.52	11.13	11.35	11.25542		10.85019648	104.5651504	10.945		-0.32	-2.86	Good
1010	04/22/21 00:30:00	11.20	13.50					10.87982939	104.804281			-0.32	-2.86	Good
1011	04/22/21 01:00:00	11.21	13.46					10.8900358	104.8096307			-0.32	-2.85	Good
1012	04/22/21 01:30:00	11.25	13.48					10.92938811	105.2350211			-0.32	-2.85	Good
1013	04/22/21 02:00:00	11.29	13.50					10.96874394	105.6607857			-0.32	-2.85	Good
1014	04/22/21 02:30:00	11.27	13.50					10.94980794	105.4783771			-0.32	-2.84	Good
1015	04/22/21 03:00:00	11.26	13.48					10.94058651	105.3428464			-0.32	-2.84	Good
1016	04/22/21 03:30:00	11.25	13.46					10.93136421	105.2073903			-0.32	-2.83	Good
1017	04/22/21 04:00:00	11.25	13.44					10.93185823	105.1654894			-0.32	-2.83	Good
1018	04/22/21 04:30:00	11.25	13.46					10.93235226	105.2168996			-0.32	-2.82	Good
1019	04/22/21 05:00:00	11.26	13.46					10.94256437	105.3151847			-0.32	-2.82	Good
1020	04/22/21 05:30:00	11.22	13.42					10.90418473	104.8527347			-0.32	-2.81	Good
1021	04/22/21 06:00:00	11.23	13.40					10.91439641	104.9043561			-0.32	-2.81	Good
1022	04/22/21 06:30:00	11.22	13.40					10.90517015	104.8156774			-0.31	-2.81	Good
1023	04/22/21 07:00:00	11.24	13.40					10.92510254	105.0072587			-0.31	-2.80	Good
1024	04/22/21 07:30:00	11.26	13.40					10.94503669	105.198857			-0.31	-2.80	Good
1025	04/22/21 08:00:00	11.25	13.38					10.93581043	105.0635191			-0.31	-2.79	Good
1026	04/22/21 08:30:00	11.25	13.38					10.93630446	105.0682653			-0.31	-2.79	Good
1027	04/22/21 09:00:00	11.29	13.38					10.97568488	105.4466045			-0.31	-2.78	Good
1028	04/22/21 09:30:00	11.33	13.38					11.01506881	105.8249774			-0.31	-2.78	Good
1029	04/22/21 10:00:00	11.31	13.38					10.99612139	105.6429441			-0.31	-2.78	Good
1030	04/22/21 10:30:00	11.33	13.38					11.01606388	105.8345374			-0.31	-2.77	Good
1031	04/22/21 11:00:00	11.25	13.32					10.93877458	104.9520078			-0.31	-2.77	Good
1032	04/22/21 11:30:00	11.30	13.34					10.98788758	105.4700901			-0.31	-2.76	Good
1033	04/22/21 12:00:00	11.33	13.38					11.0175565	105.8488774			-0.31	-2.76	Good
1034	04/22/21 12:30:00	11.32	13.38					11.00832936	105.7602296			-0.31	-2.75	Good
1035	04/22/21 13:00:00	11.35	13.40					11.0380018	106.0923965			-0.31	-2.75	Good

1036	04/22/21 13:30:00	11.32	13.40					11.00932356	105.816754			-0.31	-2.74	Good
1037	04/22/21 14:00:00	11.27	13.34					10.96119071	105.2138333			-0.31	-2.74	Good
1038	04/22/21 14:30:00	11.32	13.36					11.01031776	105.7323601			-0.31	-2.74	Good
1039	04/22/21 15:00:00	11.32	13.28					11.01081486	105.5492798			-0.31	-2.73	Good
1040	04/22/21 15:30:00	11.33	13.24					11.02103926	105.5533034			-0.31	-2.73	Good
1041	04/22/21 16:00:00	11.29	13.18					10.98262581	105.0449452			-0.31	-2.72	Good
1042	04/22/21 16:30:00	11.32	13.12					11.01230615	105.1880324			-0.31	-2.72	Good
1043	04/22/21 17:00:00	11.33	13.10					11.02253188	105.238741			-0.31	-2.71	Good
1044	04/22/21 17:30:00	11.34	13.04					11.03275848	105.1953787			-0.31	-2.71	Good
1045	04/22/21 18:00:00	11.31	12.98					11.00406794	104.7812252			-0.31	-2.70	Good
1046	04/22/21 18:30:00	11.32	12.88					11.01429455	104.6441525			-0.31	-2.70	Good
1047	04/22/21 19:00:00	11.23	12.82					10.92721821	103.6773573			-0.30	-2.70	Excellent
1048	04/22/21 19:30:00	11.21	12.74					10.90824972	103.3117653			-0.30	-2.69	Excellent
1049	04/22/21 20:00:00	11.18	12.68					10.87954821	102.9011337			-0.30	-2.69	Excellent
1050	04/22/21 20:30:00	11.15	12.66					10.85084406	102.583508			-0.30	-2.68	Excellent
1051	04/22/21 21:00:00	11.14	12.62					10.84160156	102.4039505			-0.30	-2.68	Excellent
1052	04/22/21 21:30:00	11.15	12.58					10.85182333	102.4082521			-0.30	-2.67	Excellent
1053	04/22/21 22:00:00	11.15	12.56					10.85231296	102.3667536			-0.30	-2.67	Excellent
1054	04/22/21 22:30:00	11.17	12.56					10.87226951	102.5549979			-0.30	-2.67	Excellent
1055	04/22/21 23:00:00	11.13	12.54					10.83382444	102.1463206			-0.30	-2.66	Excellent
1056	04/22/21 23:30:00	11.14	12.54				11.207	10.84404753	102.2427086		10.830	-0.30	-2.66	Excellent
1057	04/23/21 00:00:00	11.14	12.52	11.12	11.69	11.38104		10.84453672	102.2012439	11.091		-0.30	-2.65	Excellent
1058	04/23/21 00:30:00	11.16	12.52					10.86449634	102.3893477			-0.30	-2.65	Excellent
1059	04/23/21 01:00:00	11.14	12.52					10.84551511	102.2104645			-0.29	-2.64	Excellent
1060	04/23/21 01:30:00	11.12	12.52					10.82653213	102.0315648			-0.29	-2.64	Excellent
1061	04/23/21 02:00:00	11.13	12.52					10.83675697	102.1279259			-0.29	-2.63	Excellent
1062	04/23/21 02:30:00	11.15	12.52					10.85671966	102.3160586			-0.29	-2.63	Excellent
1063	04/23/21 03:00:00	11.14	12.52					10.84747189	102.2289056			-0.29	-2.63	Excellent
1064	04/23/21 03:30:00	11.16	12.52					10.86743678	102.417059			-0.29	-2.62	Excellent
1065	04/23/21 04:00:00	11.15	12.50					10.85818856	102.2837714			-0.29	-2.62	Excellent
1066	04/23/21 04:30:00	11.16	12.52					10.86841692	102.4262961			-0.29	-2.61	Excellent
1067	04/23/21 05:00:00	11.16	12.52					10.86890699	102.4309146			-0.29	-2.61	Excellent
1068	04/23/21 05:30:00	11.17	12.50					10.87913667	102.4811018			-0.29	-2.60	Excellent
1069	04/23/21 06:00:00	11.19	12.50					10.89910727	102.6692242			-0.29	-2.60	Excellent
1070	04/23/21 06:30:00	11.19	12.50					10.89959866	102.673853			-0.29	-2.60	Excellent
1071	04/23/21 07:00:00	11.20	12.48					10.90983097	102.7238958			-0.29	-2.59	Excellent
1072	04/23/21 07:30:00	11.21	12.44					10.92006415	102.727485			-0.29	-2.59	Excellent
1073	04/23/21 08:00:00	11.22	12.42					10.93029822	102.7773408			-0.29	-2.58	Excellent
1074	04/23/21 08:30:00	11.25	12.42					10.96001764	103.0567918			-0.29	-2.58	Excellent
1075	04/23/21 09:00:00	11.29	12.42					10.99948238	103.4278778			-0.29	-2.57	Excellent
1076	04/23/21 09:30:00	11.33	12.44					11.03895062	103.8458766			-0.29	-2.57	Excellent
1077	04/23/21 10:00:00	11.37	12.48					11.07842238	104.3113051			-0.29	-2.56	Excellent
1078	04/23/21 10:30:00	11.41	12.50					11.11789765	104.7302223			-0.29	-2.56	Excellent
1079	04/23/21 11:00:00	11.46	12.52					11.16712087	105.2413463			-0.29	-2.56	Excellent
1080	04/23/21 11:30:00	11.49	12.56					11.19685874	105.616755			-0.29	-2.55	Excellent
1081	04/23/21 12:00:00	11.49	12.56					11.1973633	105.6215144			-0.29	-2.55	Excellent
1082	04/23/21 12:30:00	11.56	12.62					11.26608812	106.4134228			-0.29	-2.54	Excellent
1083	04/23/21 13:00:00	11.47	12.62					11.17888005	105.5897022			-0.29	-2.54	Excellent
1084	04/23/21 13:30:00	11.57	12.64					11.27685003	106.5630115			-0.29	-2.53	Excellent
1085	04/23/21 14:00:00	11.55	12.60					11.25786397	106.2878898			-0.29	-2.53	Excellent
1086	04/23/21 14:30:00	11.62	12.58					11.32660372	106.8887369			-0.29	-2.52	Excellent
1087	04/23/21 15:00:00	11.61	12.54					11.31736604	106.705375			-0.29	-2.52	Excellent
1088	04/23/21 15:30:00	11.68	12.50					11.38611458	107.2568167			-0.29	-2.52	Excellent
1089	04/23/21 16:00:00	11.69	12.48					11.39637631	107.3050697			-0.29	-2.51	Excellent
1090	04/23/21 16:30:00	11.66	12.46					11.36764186	106.986229			-0.29	-2.51	Excellent
1091	04/23/21 17:00:00	11.65	12.44					11.35840419	106.8510477			-0.29	-2.50	Excellent
1092	04/23/21 17:30:00	11.59	12.38					11.30041493	106.1615735			-0.29	-2.50	Excellent
1093	04/23/21 18:00:00	11.58	12.38					11.2911733	106.0747532			-0.29	-2.49	Excellent
1094	04/23/21 18:30:00	11.58	12.34					11.29168182	105.9836577			-0.29	-2.49	Excellent
1095	04/23/21 19:00:00	11.55	12.30					11.26293595	105.6182396			-0.29	-2.49	Excellent
1096	04/23/21 19:30:00	11.50	12.24					11.21468366	105.0229892			-0.29	-2.48	Excellent
1097	04/23/21 20:00:00	11.47	12.20					11.18593165	104.6588247			-0.28	-2.48	Excellent
1098	04/23/21 20:30:00	11.46	12.20					11.17668255	104.5722875			-0.28	-2.47	Excellent
1099	04/23/21 21:00:00	11.45	12.20					11.16743258	104.4857421			-0.28	-2.47	Excellent
1100	04/23/21 21:30:00	11.43	12.20					11.14842808	104.3079304			-0.28	-2.46	Excellent
1101	04/23/21 22:00:00	11.43	12.18					11.14893001	104.2653365			-0.28	-2.46	Excellent
1102	04/23/21 22:30:00	11.42	12.16					11.13967741	104.1315596			-0.28	-2.45	Excellent
1103	04/23/21 23:00:00	11.45	12.14					11.16944381	104.3624427			-0.28	-2.45	Excellent
1104	04/23/21 23:30:00	11.44	12.12				11.285	11.16019121	104.2286668		10.922	-0.28	-2.45	Excellent
1105	04/24/21 00:00:00	11.43	12.08	11.43	12.28	11.91021		11.15093773	104.0476912	11.632		-0.28	-2.44	Excellent
1106	04/24/21 00:30:00	11.46	12.06					11.18070853	104.2780817			-0.28	-2.44	Excellent
1107	04/24/21 01:00:00	11.51	12.02					11.22999542	104.6425654			-0.28	-2.43	Excellent
1108	04/24/21 01:30:00	11.51	12.02					11.23050086	104.6472752			-0.28	-2.43	Excellent
1109	04/24/21 02:00:00	11.56	11.98					11.27979434	105.0109997			-0.28	-2.42	Excellent
1110	04/24/21 02:30:00	11.57	11.96					11.29006003	105.0587341			-0.28	-2.42	Excellent
1111	04/24/21 03:00:00	11.56	11.94					11.28080962	104.9248637			-0.28	-2.42	Excellent
1112	04/24/21 03:30:00	11.56	11.94					11.28131725	104.9295854			-0.28	-2.41	Excellent
1113	04/24/21 04:00:00	11.55	11.92					11.27206553	104.7957838			-0.28	-2.41	Excellent
1114	04/24/21 04:30:00	11.54	11.92					11.26281292	104.7097628			-0.28	-2.40	Excellent
1115	04/24/21 05:00:00	11.54	11.90					11.26331968	104.6667665			-0.28	-2.40	Excellent
1116	04/24/21 05:30:00	11.53	11.90					11.25406576	104.5807725			-0.28	-2.39	Excellent
1117	04/24/21 06:00:00	11.57	11.88					11.29361656	104.9004755			-0.28	-2.39	Excellent
1118	04/24/21 06:30:00	11.58	11.86					11.3038862	104.947995			-0.28	-2.38	Excellent
1119	04/24/21 07:00:00	11.63	11.84					11.35320471	105.3578063			-0.28	-2.38	Excellent
1120	04/24/21 07:30:00	11.65	11.82					11.3732403	105.495583			-0.28	-2.38	Excellent
1121	04/24/21 08:00:00	11.71	11.82					11.43232915	106.0436778			-0.28	-2.37	Excellent
1122	04/24/21 08:30:00	11.75	11.84					11.47189664	106.4592681			-0.28	-2.37	Excellent
1123	04/24/21 09:00:00	11.81	11.84					11.53099516	107.0077026			-0.28	-2.36	Excellent
1124	04/24/21 09:30:00	11.85	11.88					11.57057055	107.4729557			-0.28	-2.36	Excellent
1125	04/24/21 10:00:00	11.88	11.92					11.60038482	107.8481506			-0.28	-2.35	Excellent
1126	04/24/21 10:30:00	11.90	11.94					11.62043666	108.0837967			-0.28	-2.35	Excellent
1127	04/24/21 11:00:00	11.94	11.94					11.66002128	108.4519804			-0.28	-2.34	Excellent
1128	04/24/21 11:30:00	11.97	11.94					11.68984345	108.7293619			-0.28	-2.34	Excellent
1129	04/24/21 12:00:00	11.99	11.96					11.70990188	108.9655383			-0.28	-2.34	Excellent
1130	04/24/21 12:30:00	12.11	11.96					11.82763035	110.061051			-0.28	-2.33	Excellent
1131	04/24/21 13:00:00	12.13	11.90					11.84769668	110.0972126			-0.28	-2.33	Excellent
1132	04/24/21 13:30:00	12.16	11.88					11.87753247	110.3241638			-0.28	-2.32	Excellent
1133	04/24/21 14:00:00	12.19	11.86					11.90737089	110.5508919			-0.28	-2.32	Excellent
1134	04/24/21 14:30:00	12.22	11.82					11.93721196	110.7268555			-0.28	-2.31	Excellent
1135	04/24/21 15:00:00	12.23	11.78					11.9475176	110.7212938			-0.28	-2.31	Excellent
1136	04/24/21 15:30:00	12.25	11.74					11.96759359	110.8060403			-0.28	-2.31	Excellent
1137	04/24/21 16:00:00	12.25	11.70					11.96813153	110.7097334			-0.28	-2.30	Excellent
1138	04/24/21 16:30:00	12.28	11.64					11.99798049	110.8335766			-0.28	-2.30	Excellent
1139	04/24/21 17:00:00	12.27	11.60					11.98874897	110.6468889			-0.28	-2.29	Excellent
1140	04/24/21 17:30:00	12.25	11.56					11.96974534	110.3702721			-0.28	-2.29	Excellent
1141	04/24/21 18:00:00	12.22	11.52					11.9409683	110.0039618			-0.28	-2.28	Excellent
1142	04/24/21 18:30:00	12.18	11.46					11.90241652	109.4978931			-0.28	-2.28	Excellent
1143	04/24/21 19:00:00	12.18	11.42					11.90295139	109.4022236			-0.28	-2.27	Excellent
1144	04/24/21 19:30:00	12.16	11.38					11.8839403	109.1270807			-0.28	-2.27	Excellent
1145	04/24/21 20:00:00	12.16	11.34					11.88447428	109.0315921			-0.28	-2.27	Excellent
1146	04/24/21 20:30:00	12.16	11.32					11.88500827	108.9863007			-0.27	-2.26	Excellent
1147	04/24/21 21:00:00	12.14	11.30					11.86599367	108.7618307			-0.27	-2.26	Excellent
1148	04/24/21 21:30:00	12.14	11.28					11.86652677	108.7166152			-0.27	-2.25	Excellent
1149	04/24/21 22:00:00	12.11	11.26					11.83773436	108.4028551			-0.27	-2.25	Excellent
1150	04/24/21 22:30:00	12.11	11.22					11.83826615	108.3077862			-0.27	-2.24	Excellent
1151	04/24/21 23:00:00	12.12	11.20					11.84857399	108.3520872			-0.27	-2.24	Excellent

1152	04/24/21 23:30:00	12.12	11.18				11.417	11.84910622	108.3069523		11.071	-0.27	-2.24	Excellent
1153	04/25/21 00:00:00	12.13	11.16	12.13	12.77	12.48625		11.85941538	108.3511431	12.221		-0.27	-2.23	Excellent
1154	04/25/21 00:30:00	12.16	11.14					11.88928016	108.5738357			-0.27	-2.23	Excellent
1155	04/25/21 01:00:00	12.18	11.14					11.90936976	108.7572955			-0.27	-2.22	Excellent
1156	04/25/21 01:30:00	12.19	11.12					11.91968287	108.8011918			-0.27	-2.22	Excellent
1157	04/25/21 02:00:00	12.23	11.12					11.95933292	109.1631118			-0.27	-2.21	Excellent
1158	04/25/21 02:30:00	12.24	11.14					11.9696491	109.3077712			-0.27	-2.21	Excellent
1159	04/25/21 03:00:00	12.25	11.14					11.97996616	109.4019874			-0.27	-2.20	Excellent
1160	04/25/21 03:30:00	12.28	11.14					12.00984411	109.6748351			-0.27	-2.20	Excellent
1161	04/25/21 04:00:00	12.29	11.14					12.02016381	109.7690754			-0.27	-2.20	Excellent
1162	04/25/21 04:30:00	12.28	11.14					12.01092262	109.6846842			-0.27	-2.19	Excellent
1163	04/25/21 05:00:00	12.32	11.14					12.05058716	110.0469039			-0.27	-2.19	Excellent
1164	04/25/21 05:30:00	12.31	11.14					12.04134641	109.9625166			-0.27	-2.18	Excellent
1165	04/25/21 06:00:00	12.33	11.12					12.06145138	110.0952349			-0.27	-2.18	Excellent
1166	04/25/21 06:30:00	12.32	11.12					12.0522102	110.0108826			-0.27	-2.17	Excellent
1167	04/25/21 07:00:00	12.31	11.10					12.04296813	109.8757238			-0.27	-2.17	Excellent
1168	04/25/21 07:30:00	12.34	11.08					12.07285925	110.0975204			-0.27	-2.16	Excellent
1169	04/25/21 08:00:00	12.37	11.08					12.10275301	110.3701342			-0.27	-2.16	Excellent
1170	04/25/21 08:30:00	12.39	11.08					12.12286501	110.5535441			-0.27	-2.16	Excellent
1171	04/25/21 09:00:00	12.44	11.08					12.17233326	111.004666			-0.27	-2.15	Excellent
1172	04/25/21 09:30:00	12.50	11.10					12.23159118	111.5966529			-0.27	-2.15	Excellent
1173	04/25/21 10:00:00	12.54	11.16					12.27128295	112.1140876			-0.27	-2.14	Excellent
1174	04/25/21 10:30:00	12.57	11.18					12.30119207	112.4392505			-0.27	-2.14	Excellent
1175	04/25/21 11:00:00	12.57	11.22					12.30174406	112.5481255			-0.27	-2.13	Excellent
1176	04/25/21 11:30:00	12.66	11.26					12.39037932	113.4636454			-0.27	-2.13	Excellent
1177	04/25/21 12:00:00	12.63	11.30					12.36157285	113.3042315			-0.27	-2.13	Excellent
1178	04/25/21 12:30:00	12.67	11.30					12.40127911	113.6681728			-0.27	-2.12	Excellent
1179	04/25/21 13:00:00	12.67	11.34					12.40183549	113.7780129			-0.27	-2.12	Excellent
1180	04/25/21 13:30:00	12.64	11.32					12.37302552	113.4614506			-0.27	-2.11	Excellent
1181	04/25/21 14:00:00	12.64	11.40					12.37358058	113.6755879			-0.27	-2.11	Excellent
1182	04/25/21 14:30:00	12.65	11.36					12.38392531	113.6660025			-0.27	-2.10	Excellent
1183	04/25/21 15:00:00	12.68	11.40					12.41385112	114.0455517			-0.27	-2.10	Excellent
1184	04/25/21 15:30:00	12.66	11.40					12.39482686	113.8707766			-0.27	-2.09	Excellent
1185	04/25/21 16:00:00	12.76	11.46					12.49329262	114.9337377			-0.27	-2.09	Excellent
1186	04/25/21 16:30:00	12.76	11.52					12.49385295	115.0973093			-0.27	-2.09	Excellent
1187	04/25/21 17:00:00	12.77	11.52					12.50420514	115.192677			-0.27	-2.08	Excellent
1188	04/25/21 17:30:00	12.74	11.54					12.47538902	114.9799523			-0.26	-2.08	Excellent
1189	04/25/21 18:00:00	12.76	11.56					12.49553395	115.218448			-0.26	-2.07	Excellent
1190	04/25/21 18:30:00	12.73	11.56					12.46671475	114.9527128			-0.26	-2.07	Excellent
1191	04/25/21 19:00:00	12.71	11.56					12.44768654	114.777258			-0.26	-2.06	Excellent
1192	04/25/21 19:30:00	12.64	11.56					12.37968629	114.1502433			-0.26	-2.06	Excellent
1193	04/25/21 20:00:00	12.58	11.56					12.32147438	113.6134847			-0.26	-2.06	Excellent
1194	04/25/21 20:30:00	12.55	11.56					12.29264201	113.3476281			-0.26	-2.05	Excellent
1195	04/25/21 21:00:00	12.51	11.56					12.25401163	112.9914262			-0.26	-2.05	Excellent
1196	04/25/21 21:30:00	12.50	11.56					12.24476517	112.9061667			-0.26	-2.04	Excellent
1197	04/25/21 22:00:00	12.48	11.58					12.22572159	112.782264			-0.25	-2.04	Excellent
1198	04/25/21 22:30:00	12.50	11.58					12.24586301	112.9680685			-0.25	-2.03	Excellent
1199	04/25/21 23:00:00	12.47	11.60					12.21702053	112.7536591			-0.25	-2.03	Excellent
1200	04/25/21 23:30:00	12.44	11.60				11.629	12.18817543	112.487441		11.302	-0.25	-2.02	Excellent
1201	04/26/21 00:00:00	12.46	11.62	12.29	12.70	12.43333		12.20831772	112.7249697	12.195		-0.25	-2.02	Excellent
1202	04/26/21 00:30:00	12.46	11.64					12.20886488	112.7816604			-0.25	-2.02	Excellent
1203	04/26/21 01:00:00	12.43	11.64					12.18001539	112.5151578			-0.25	-2.01	Excellent
1204	04/26/21 01:30:00	12.42	11.64					12.1707619	112.429677			-0.25	-2.01	Excellent
1205	04/26/21 02:00:00	12.40	11.66					12.15170778	112.305063			-0.25	-2.00	Excellent
1206	04/26/21 02:30:00	12.40	11.66					12.1522523	112.3100955			-0.25	-2.00	Excellent
1207	04/26/21 03:00:00	12.36	11.66					12.11359426	111.9528211			-0.25	-1.99	Excellent
1208	04/26/21 03:30:00	12.35	11.66					12.10433594	111.8672565			-0.25	-1.99	Excellent
1209	04/26/21 04:00:00	12.36	11.64					12.11467979	111.9116081			-0.25	-1.98	Excellent
1210	04/26/21 04:30:00	12.34	11.64					12.09561864	111.7355272			-0.24	-1.98	Excellent
1211	04/26/21 05:00:00	12.33	11.62					12.08635813	111.5988612			-0.24	-1.98	Excellent
1212	04/26/21 05:30:00	12.34	11.64					12.09670242	111.7455388			-0.24	-1.97	Excellent
1213	04/26/21 06:00:00	12.31	11.62					12.06783448	111.4278238			-0.24	-1.97	Excellent
1214	04/26/21 06:30:00	12.31	11.62					12.06837505	111.4328152			-0.24	-1.96	Excellent
1215	04/26/21 07:00:00	12.32	11.62					12.07871978	111.5283328			-0.24	-1.96	Excellent
1216	04/26/21 07:30:00	12.34	11.62					12.09886998	111.7143888			-0.24	-1.95	Excellent
1217	04/26/21 08:00:00	12.36	11.62					12.11902194	111.900461			-0.24	-1.95	Excellent
1218	04/26/21 08:30:00	12.37	11.62					12.12937018	111.996011			-0.24	-1.95	Excellent
1219	04/26/21 09:00:00	12.40	11.64					12.15933113	112.3240831			-0.24	-1.94	Excellent
1220	04/26/21 09:30:00	12.41	11.66					12.169682	112.4711793			-0.24	-1.94	Excellent
1221	04/26/21 10:00:00	12.45	11.70					12.20945413	112.9420586			-0.24	-1.93	Excellent
1222	04/26/21 10:30:00	12.43	11.72					12.19038639	112.8172564			-0.24	-1.93	Excellent
1223	04/26/21 11:00:00	12.44	11.76					12.2007399	113.0163408			-0.24	-1.92	Excellent
1224	04/26/21 11:30:00	12.38	11.78					12.14243754	112.5276763			-0.24	-1.92	Excellent
1225	04/26/21 12:00:00	12.38	11.82					12.14298118	112.6355239			-0.24	-1.91	Excellent
1226	04/26/21 12:30:00	12.39	11.88					12.15333382	112.8859377			-0.24	-1.91	Excellent
1227	04/26/21 13:00:00	12.37	11.92					12.13425905	112.8115504			-0.24	-1.91	Excellent
1228	04/26/21 13:30:00	12.42	11.96					12.18385158	113.3758387			-0.24	-1.90	Excellent
1229	04/26/21 14:00:00	12.44	12.02					12.20401759	113.7186313			-0.24	-1.90	Excellent
1230	04/26/21 14:30:00	12.54	12.12					12.3026713	114.8986611			-0.24	-1.89	Excellent
1231	04/26/21 15:00:00	12.54	12.18					12.30322197	115.0603312			-0.24	-1.89	Excellent
1232	04/26/21 15:30:00	12.53	12.22					12.29396102	115.0780215			-0.24	-1.88	Excellent
1233	04/26/21 16:00:00	12.53	12.24					12.29451126	115.1353317			-0.24	-1.88	Excellent
1234	04/26/21 16:30:00	12.55	12.28					12.31468649	115.4287746			-0.24	-1.88	Excellent
1235	04/26/21 17:00:00	12.53	12.32					12.29561173	115.3543473			-0.23	-1.87	Excellent
1236	04/26/21 17:30:00	12.56	12.34					12.32560209	115.6880272			-0.23	-1.87	Excellent
1237	04/26/21 18:00:00	12.63	12.38					12.39485036	116.4432303			-0.24	-1.86	Excellent
1238	04/26/21 18:30:00	12.70	12.40					12.46410477	117.1467614			-0.24	-1.86	Excellent
1239	04/26/21 19:00:00	12.70	12.42					12.46466247	117.2049322			-0.24	-1.85	Excellent
1240	04/26/21 19:30:00	12.58	12.44					12.34743856	116.1551152			-0.23	-1.85	Excellent
1241	04/26/21 20:00:00	12.53	12.42					12.29891313	115.646395			-0.23	-1.84	Excellent
1242	04/26/21 20:30:00	12.47	12.38					12.24056729	114.9938204			-0.23	-1.84	Excellent
1243	04/26/21 21:00:00	12.46	12.36					12.23129844	114.8548164			-0.23	-1.84	Excellent
1244	04/26/21 21:30:00	12.42	12.36					12.19257803	114.4912225			-0.23	-1.83	Excellent
1245	04/26/21 22:00:00	12.37	12.36					12.14403679	114.0354086			-0.23	-1.83	Excellent
1246	04/26/21 22:30:00	12.37	12.34					12.14458	113.9889549			-0.23	-1.82	Excellent
1247	04/26/21 23:00:00	12.33	12.34					12.10585037	113.6254389			-0.22	-1.82	Excellent
1248	04/26/21 23:30:00	12.29	12.34				11.789	12.06711723	113.2618899		11.487	-0.22	-1.81	Excellent
1249	04/27/21 00:00:00	12.26	12.32	11.98	12.54	12.25188		12.03819967	112.9393719	11.998		-0.22	-1.81	Excellent
1250	04/27/21 00:30:00	12.23	12.34					12.00927947	112.719025			-0.22	-1.80	Excellent
1251	04/27/21 01:00:00	12.14	12.34					11.92143685	111.8945347			-0.22	-1.80	Excellent
1252	04/27/21 01:30:00	12.15	12.34					11.93179036	111.9917127			-0.22	-1.80	Excellent
1253	04/27/21 02:00:00	12.08	12.36					11.86357801	111.4018337			-0.22	-1.79	Excellent
1254	04/27/21 02:30:00	12.08	12.38					11.86410848	111.4571839			-0.22	-1.79	Excellent
1255	04/27/21 03:00:00	12.10	12.38					11.8842824	111.6467075			-0.22	-1.78	Excellent
1256	04/27/21 03:30:00	12.08	12.40					11.86516943	111.5175295			-0.21	-1.78	Excellent
1257	04/27/21 04:00:00	12.04	12.42					11.8264095	111.2034544			-0.21	-1.77	Excellent
1258	04/27/21 04:30:00	12.05	12.42					11.83676126	111.3007917			-0.21	-1.77	Excellent
1259	04/27/21 05:00:00	12.01	12.44					11.7979965	110.9863909			-0.21	-1.77	Excellent
1260	04/27/21 05:30:00	12.01	12.44					11.7985239	110.9913522			-0.21	-1.76	Excellent
1261	04/27/21 06:00:00	12.01	12.46					11.7990513	111.0464263			-0.21	-1.76	Excellent
1262	04/27/21 06:30:00	12.02	12.48					11.8094035	111.1940174			-0.21	-1.75	Excellent
1263	04/27/21 07:00:00	12.03	12.52					11.81975657	111.3919253			-0.21	-1.75	Excellent
1264	04/27/21 07:30:00	12.06	12.56					11.84976186	111.7754028			-0.21	-1.74	Excellent
1265	04/27/21 08:00:00	11.98	12.60					11.77168256	111.1389605			-0.21	-1.74	Excellent
1266	04/27/21 08:30:00	12.08	12.66					11.87047416	112.2230559			-0.21	-1.73	Excellent
1267	04/27/21 09:00:00	12.11	12.72					11.9004856	112.6585936			-0.21	-1.73	Excellent

1268	04/27/21 09:30:00	12.13	12.76					11.92067225	112.9510985			-0.21	-1.73	Excellent
1269	04/27/21 10:00:00	12.20	12.84					11.99	113.8120413			-0.21	-1.72	Excellent
1270	04/27/21 10:30:00	12.34	12.96					12.04	115.7413636			-0.30	-2.43	Excellent
1271	04/27/21 11:00:00	12.42	12.96					12.11925751	116.5032716			-0.30	-2.42	Excellent
1272	04/27/21 11:30:00	12.44	13.02					12.13997757	116.8591701			-0.30	-2.41	Excellent
1273	04/27/21 12:00:00	12.47	13.08					12.17046129	117.3097604			-0.30	-2.40	Excellent
1274	04/27/21 12:30:00	12.49	13.14					12.19119006	117.6670311			-0.30	-2.39	Excellent
1275	04/27/21 13:00:00	12.52	13.22					12.22168443	118.1719114			-0.30	-2.38	Excellent
1276	04/27/21 13:30:00	12.52	13.26					12.22289652	118.2889494			-0.30	-2.37	Excellent
1277	04/27/21 14:00:00	12.54	13.30					12.24363593	118.5951757			-0.30	-2.36	Excellent
1278	04/27/21 14:30:00	12.51	13.34					12.21555606	118.4284822			-0.29	-2.35	Excellent
1279	04/27/21 15:00:00	12.53	13.38					12.23629838	118.7350716			-0.29	-2.34	Excellent
1280	04/27/21 15:30:00	12.53	13.40					12.23751144	118.7996028			-0.29	-2.33	Excellent
1281	04/27/21 16:00:00	12.50	13.38					12.20942188	118.4742751			-0.29	-2.32	Excellent
1282	04/27/21 16:30:00	12.50	13.38					12.21063203	118.4860179			-0.29	-2.31	Excellent
1283	04/27/21 17:00:00	12.49	13.38					12.20207271	118.4029624			-0.29	-2.31	Excellent
1284	04/27/21 17:30:00	12.47	13.38					12.18374101	118.2250805			-0.29	-2.30	Excellent
1285	04/27/21 18:00:00	12.52	13.40					12.23380531	118.7636243			-0.29	-2.29	Excellent
1286	04/27/21 18:30:00	12.43	13.38					12.14706599	117.869204			-0.28	-2.28	Excellent
1287	04/27/21 19:00:00	12.36	13.36					12.07985594	117.1649549			-0.28	-2.27	Excellent
1288	04/27/21 19:30:00	12.30	13.34					12.02240666	116.5559198			-0.28	-2.26	Excellent
1289	04/27/21 20:00:00	12.27	13.36					11.9942716	116.3348551			-0.28	-2.25	Excellent
1290	04/27/21 20:30:00	12.23	13.36					11.95635448	115.9670894			-0.27	-2.24	Excellent
1291	04/27/21 21:00:00	12.21	13.40					11.93798406	115.8918438			-0.27	-2.23	Excellent
1292	04/27/21 21:30:00	12.17	13.42					11.90005338	115.5749298			-0.27	-2.22	Excellent
1293	04/27/21 22:00:00	12.12	13.44					11.85233581	115.1625997			-0.27	-2.21	Excellent
1294	04/27/21 22:30:00	12.14	13.42					11.87306942	115.3128579			-0.27	-2.20	Excellent
1295	04/27/21 23:00:00	12.12	13.44					11.85468254	115.1854016			-0.27	-2.19	Excellent
1296	04/27/21 23:30:00	12.10	13.46				11.883	11.83629178	115.0577539		11.600	-0.26	-2.18	Excellent
1297	04/28/21 00:00:00	12.08	13.48	11.98	12.99	12.39979		11.81789716	114.9299149	12.159		-0.26	-2.17	Excellent
1298	04/28/21 00:30:00	12.08	13.50					11.81906665	114.9922689			-0.26	-2.16	Excellent
1299	04/28/21 01:00:00	12.07	13.54					11.81045117	115.0103473			-0.26	-2.15	Excellent
1300	04/28/21 01:30:00	12.08	13.56					11.82140563	115.1680273			-0.26	-2.14	Excellent
1301	04/28/21 02:00:00	12.05	13.56					11.79321442	114.8933792			-0.26	-2.13	Excellent
1302	04/28/21 02:30:00	12.02	13.58					11.7650174	114.6694415			-0.25	-2.12	Excellent
1303	04/28/21 03:00:00	12.02	13.58					11.76618108	114.6807835			-0.25	-2.11	Excellent
1304	04/28/21 03:30:00	12.00	13.60					11.74776516	114.5519873			-0.25	-2.10	Excellent
1305	04/28/21 04:00:00	12.02	13.62					11.76850845	114.805046			-0.25	-2.09	Excellent
1306	04/28/21 04:30:00	12.03	13.64					11.77946387	114.9627629			-0.25	-2.08	Excellent
1307	04/28/21 05:00:00	12.01	13.66					11.7610431	114.8337529			-0.25	-2.07	Excellent
1308	04/28/21 05:30:00	12.02	13.68					11.77199949	114.9915513			-0.25	-2.06	Excellent
1309	04/28/21 06:00:00	12.00	13.70					11.75357388	114.8623123			-0.25	-2.05	Excellent
1310	04/28/21 06:30:00	11.98	13.70					11.7351444	114.6822094			-0.24	-2.04	Excellent
1311	04/28/21 07:00:00	12.02	13.74					11.77549054	115.1781905			-0.24	-2.03	Excellent
1312	04/28/21 07:30:00	12.04	13.76					11.79624932	115.4321811			-0.24	-2.02	Excellent
1313	04/28/21 08:00:00	12.09	13.78					11.84640752	115.9741709			-0.24	-2.01	Excellent
1314	04/28/21 08:30:00	12.14	13.80					11.89657541	116.5166936			-0.24	-2.01	Excellent
1315	04/28/21 09:00:00	12.19	13.84					11.94675298	117.1113642			-0.24	-2.00	Excellent
1316	04/28/21 09:30:00	12.20	13.88					11.95773454	117.3223531			-0.24	-1.99	Excellent
1317	04/28/21 10:00:00	12.25	13.92					12.0079276	117.9186106			-0.24	-1.98	Excellent
1318	04/28/21 10:30:00	12.32	13.98					12.07773705	118.7607743			-0.24	-1.97	Excellent
1319	04/28/21 11:00:00	12.34	14.02					12.09853843	119.0699396			-0.24	-1.96	Excellent
1320	04/28/21 11:30:00	12.42	14.12					12.17817545	120.1170713			-0.24	-1.95	Excellent
1321	04/28/21 12:00:00	12.48	14.22					12.23821543	120.9740556			-0.24	-1.94	Excellent
1322	04/28/21 12:30:00	12.55	14.36					12.30807426	122.0376384			-0.24	-1.93	Excellent
1323	04/28/21 13:00:00	12.66	14.46					12.41717943	123.3884063			-0.24	-1.92	Excellent
1324	04/28/21 13:30:00	12.65	14.54					12.40859591	123.5182232			-0.24	-1.91	Excellent
1325	04/28/21 14:00:00	12.67	14.56					12.42944085	123.7795993			-0.24	-1.90	Excellent
1326	04/28/21 14:30:00	12.73	14.60					12.48953408	124.4863392			-0.24	-1.89	Excellent
1327	04/28/21 15:00:00	12.78	14.66					12.53982685	125.1507564			-0.24	-1.88	Excellent
1328	04/28/21 15:30:00	12.87	14.76					12.62938146	126.3184708			-0.24	-1.87	Excellent
1329	04/28/21 16:00:00	12.99	14.84					12.74839552	127.7301483			-0.24	-1.86	Excellent
1330	04/28/21 16:30:00	12.98	14.84					12.73983814	127.6444091			-0.24	-1.85	Excellent
1331	04/28/21 17:00:00	12.97	14.82					12.73127882	127.5033912			-0.24	-1.84	Excellent
1332	04/28/21 17:30:00	12.89	14.78					12.65399918	126.6196049			-0.24	-1.83	Excellent
1333	04/28/21 18:00:00	12.87	14.76					12.63561133	126.3807815			-0.23	-1.82	Excellent
1334	04/28/21 18:30:00	12.85	14.78					12.6172196	126.2515778			-0.23	-1.81	Excellent
1335	04/28/21 19:00:00	12.80	14.74					12.56936456	125.6636478			-0.23	-1.80	Excellent
1336	04/28/21 19:30:00	12.72	14.72					12.49203748	124.8363652			-0.23	-1.79	Excellent
1337	04/28/21 20:00:00	12.67	14.70					12.44416017	124.3039304			-0.23	-1.78	Excellent
1338	04/28/21 20:30:00	12.56	14.66					12.33733685	123.1298532			-0.22	-1.77	Excellent
1339	04/28/21 21:00:00	12.54	14.64					12.31890544	122.8924772			-0.22	-1.76	Excellent
1340	04/28/21 21:30:00	12.53	14.64					12.3102948	122.8065781			-0.22	-1.75	Excellent
1341	04/28/21 22:00:00	12.53	14.64					12.31150786	122.8186795			-0.22	-1.74	Excellent
1342	04/28/21 22:30:00	12.50	14.64					12.28324114	122.5366928			-0.22	-1.73	Excellent
1343	04/28/21 23:00:00	12.48	14.60					12.26479617	122.2463197			-0.22	-1.72	Excellent
1344	04/28/21 23:30:00	12.45	14.60				12.017	12.2365188	121.964472		11.749	-0.21	-1.71	Excellent
1345	04/29/21 00:00:00	12.41	14.58	12.21	12.98	12.50896		12.19840612	121.5317048	12.324		-0.21	-1.71	Excellent
1346	04/29/21 00:30:00	12.38	14.58					12.17011616	121.2498543			-0.21	-1.70	Excellent
1347	04/29/21 01:00:00	12.34	14.56					12.13198896	120.8174004			-0.21	-1.69	Excellent
1348	04/29/21 01:30:00	12.35	14.58					12.14301602	120.9798579			-0.21	-1.68	Excellent
1349	04/29/21 02:00:00	12.35	14.58					12.14421165	120.9917699			-0.21	-1.67	Excellent
1350	04/29/21 02:30:00	12.34	14.58					12.13557295	120.9057031			-0.20	-1.66	Excellent
1351	04/29/21 03:00:00	12.32	14.60					12.117097	120.7741648			-0.20	-1.65	Excellent
1352	04/29/21 03:30:00	12.31	14.60					12.10845345	120.6880124			-0.20	-1.64	Excellent
1353	04/29/21 04:00:00	12.32	14.60					12.11948245	120.7979412			-0.20	-1.63	Excellent
1354	04/29/21 04:30:00	12.29	14.62					12.09116054	120.568078			-0.20	-1.62	Excellent
1355	04/29/21 05:00:00	12.27	14.62					12.07267201	120.3837179			-0.20	-1.61	Excellent
1356	04/29/21 05:30:00	12.26	14.62					12.06401974	120.2974411			-0.20	-1.60	Excellent
1357	04/29/21 06:00:00	12.24	14.64					12.04552443	120.1652487			-0.19	-1.59	Excellent
1358	04/29/21 06:30:00	12.25	14.64					12.0565515	120.2752539			-0.19	-1.58	Excellent
1359	04/29/21 07:00:00	12.21	14.64					12.01836524	119.8943107			-0.19	-1.57	Excellent
1360	04/29/21 07:30:00	12.24	14.66					12.04907937	120.252968			-0.19	-1.56	Excellent
1361	04/29/21 08:00:00	12.30	14.70					12.10933428	120.9593757			-0.19	-1.55	Excellent
1362	04/29/21 08:30:00	12.37	14.76					12.17944675	121.8182453			-0.19	-1.54	Excellent
1363	04/29/21 09:00:00	12.43	14.82					12.23972586	122.5805025			-0.19	-1.53	Excellent
1364	04/29/21 09:30:00	12.49	14.90					12.30001659	123.3978915			-0.19	-1.52	Excellent
1365	04/29/21 10:00:00	12.55	14.96					12.36031893	124.1638856			-0.19	-1.51	Excellent
1366	04/29/21 10:30:00	12.57	15.02					12.38123358	124.5353177			-0.19	-1.50	Excellent
1367	04/29/21 11:00:00	12.60	15.06					12.41200289	124.9526572			-0.19	-1.49	Excellent
1368	04/29/21 11:30:00	12.61	15.12					12.42307449	125.226071			-0.19	-1.48	Excellent
1369	04/29/21 12:00:00	12.59	15.14					12.40458983	125.0936578			-0.19	-1.47	Excellent
1370	04/29/21 12:30:00	12.60	15.14					12.41566239	125.2053187			-0.18	-1.46	Excellent
1371	04/29/21 13:00:00	12.62	15.18					12.43659156	125.5244997			-0.18	-1.45	Excellent
1372	04/29/21 13:30:00	12.67	15.20					12.48709151	126.0884914			-0.18	-1.44	Excellent
1373	04/29/21 14:00:00	12.76	15.24					12.57702756	127.1059932			-0.18	-1.43	Excellent
1374	04/29/21 14:30:00	12.85	15.34					12.66698104	128.2905529			-0.18	-1.42	Excellent
1375	04/29/21 15:00:00	12.91	15.40					12.72737632	129.0683635			-0.18	-1.41	Excellent
1376	04/29/21 15:30:00	12.95	15.44					12.76806421	129.5921118			-0.18	-1.40	Excellent
1377	04/29/21 16:00:00	12.93	15.46					12.74959697	129.4601679			-0.18	-1.40	Excellent
1378	04/29/21 16:30:00	12.98	15.48					12.80015598	130.0292653			-0.18	-1.39	Excellent
1379	04/29/21 17:00:00	12.92	15.50					12.74223812	129.4963828			-0.18	-1.38	Excellent
1380	04/29/21 17:30:00	12.87	15.50					12.69417202	129.0078984			-0.18	-1.37	Excellent
1381	04/29/21 18:00:00	12.84	15.50					12.66582495	128.7198137			-0.17	-1.36	Excellent
1382	04/29/21 18:30:00	12.65	15.54					12.47962698	126.9361973			-0.17	-1.35	Excellent
1383	04/29/21 19:00:00	12.61	15.58					12.44138651	126.6555916			-0.17	-1.34	Excellent

1384	04/29/21 19:30:00	12.59	15.58					12.4228728	126.4671187			-0.17	-1.33	Excellent
1385	04/29/21 20:00:00	12.58	15.62					12.41422344	126.4872054			-0.17	-1.32	Excellent
1386	04/29/21 20:30:00	12.52	15.64					12.3562262	125.9501016			-0.16	-1.31	Excellent
1387	04/29/21 21:00:00	12.46	15.66					12.29821733	125.4123787			-0.16	-1.30	Excellent
1388	04/29/21 21:30:00	12.42	15.70					12.25993911	125.128865			-0.16	-1.29	Excellent
1389	04/29/21 22:00:00	12.38	15.76					12.22165314	124.8978897			-0.16	-1.28	Excellent
1390	04/29/21 22:30:00	12.35	15.80					12.19323248	124.7137459			-0.16	-1.27	Excellent
1391	04/29/21 23:00:00	12.31	15.84					12.15493199	124.427987			-0.16	-1.26	Excellent
1392	04/29/21 23:30:00	12.27	15.88				12.196	12.11662375	124.1414993		11.946	-0.15	-1.25	Excellent
1393	04/30/21 00:00:00	12.25	15.90	10.83	12.25	11.76104		12.0980597	124.00406	11.642		-0.15	-1.24	Excellent
1394	04/30/21 00:30:00	12.23	15.92					12.07949178	123.8664237			-0.15	-1.23	Excellent
1395	04/30/21 01:00:00	12.16	15.94					12.01153047	123.2219212			-0.15	-1.22	Excellent
1396	04/30/21 01:30:00	12.05	15.98					11.90404012	122.2230757			-0.15	-1.21	Excellent
1397	04/30/21 02:00:00	12.04	16.00					11.89532686	122.1855118			-0.14	-1.20	Excellent
1398	04/30/21 02:30:00	12.01	16.00					11.86685006	121.8930059			-0.14	-1.19	Excellent
1399	04/30/21 03:00:00	11.97	16.00					11.82848567	121.4989375			-0.14	-1.18	Excellent
1400	04/30/21 03:30:00	11.94	16.00					11.79999628	121.2063023			-0.14	-1.17	Excellent
1401	04/30/21 04:00:00	11.89	15.98					11.75173366	120.6592903			-0.14	-1.16	Excellent
1402	04/30/21 04:30:00	11.88	15.96					11.74300007	120.5183903			-0.14	-1.15	Excellent
1403	04/30/21 05:00:00	11.86	15.96					11.7243789	120.3272812			-0.14	-1.14	Excellent
1404	04/30/21 05:30:00	11.86	15.94					11.7255271	120.2879167			-0.13	-1.13	Excellent
1405	04/30/21 06:00:00	11.85	15.94					11.7167877	120.1982624			-0.13	-1.12	Excellent
1406	04/30/21 06:30:00	11.80	15.96					11.66849216	119.7537157			-0.13	-1.11	Excellent
1407	04/30/21 07:00:00	11.88	15.98					11.74875071	120.6286633			-0.13	-1.10	Excellent
1408	04/30/21 07:30:00	11.88	16.00					11.74990084	120.6917358			-0.13	-1.10	Excellent
1409	04/30/21 08:00:00	11.93	16.04					11.80050826	121.3145437			-0.13	-1.09	Excellent
1410	04/30/21 08:30:00	12.00	16.08					11.8709102	122.1419225			-0.13	-1.08	Excellent
1411	04/30/21 09:00:00	11.98	16.14					11.85228516	122.1054985			-0.13	-1.07	Excellent
1412	04/30/21 09:30:00	11.99	16.16					11.86333933	122.2711763			-0.13	-1.06	Excellent
1413	04/30/21 10:00:00	11.97	16.20					11.84470945	122.1826051			-0.13	-1.05	Excellent
1414	04/30/21 10:30:00	11.99	16.24					11.86566089	122.5023682			-0.12	-1.04	Excellent
1415	04/30/21 11:00:00	11.88	16.24					11.75795174	121.3903673			-0.12	-1.03	Excellent
1416	04/30/21 11:30:00	11.85	16.28					11.72940717	121.1981389			-0.12	-1.02	Excellent
1417	04/30/21 12:00:00	11.83	16.28					11.71075599	121.0054192			-0.12	-1.01	Excellent
1418	04/30/21 12:30:00	11.79	16.34					11.67230059	120.7610536			-0.12	-1.00	Excellent
1419	04/30/21 13:00:00	11.81	16.36					11.69324428	121.0288324			-0.12	-0.99	Excellent
1420	04/30/21 13:30:00	11.83	16.40					11.71419185	121.3480354			-0.12	-0.98	Excellent
1421	04/30/21 14:00:00	11.88	16.44					11.76485251	121.9756819			-0.12	-0.97	Excellent
1422	04/30/21 14:30:00	11.92	16.42					11.80561881	122.3467337			-0.11	-0.96	Excellent
1423	04/30/21 15:00:00	11.98	16.42					11.86620287	122.9745926			-0.11	-0.95	Excellent
1424	04/30/21 15:30:00	11.97	16.46					11.8574567	122.9876203			-0.11	-0.94	Excellent
1425	04/30/21 16:00:00	11.88	16.42					11.76945302	121.971932			-0.11	-0.93	Excellent
1426	04/30/21 16:30:00	11.84	16.40					11.73097149	121.5218568			-0.11	-0.92	Excellent
1427	04/30/21 17:00:00	11.78	16.44					11.67266445	121.0198942			-0.11	-0.91	Excellent
1428	04/30/21 17:30:00	11.69	16.40					11.58461623	120.0057536			-0.11	-0.90	Excellent
1429	04/30/21 18:00:00	11.71	16.48					11.6055696	120.4257426			-0.10	-0.89	Excellent
1430	04/30/21 18:30:00	11.68	16.52					11.57696791	120.2301977			-0.10	-0.88	Excellent
1431	04/30/21 19:00:00	11.59	16.58					11.48888388	119.4661591			-0.10	-0.87	Excellent
1432	04/30/21 19:30:00	11.45	16.60					11.35121379	118.0842618			-0.10	-0.86	Excellent
1433	04/30/21 20:00:00	11.35	16.66					11.25317537	117.2120868			-0.10	-0.85	Excellent
1434	04/30/21 20:30:00	11.22	16.60					11.12537061	115.7348632			-0.09	-0.84	Excellent
1435	04/30/21 21:00:00	11.12	16.54					11.02729056	114.5698614			-0.09	-0.83	Excellent
1436	04/30/21 21:30:00	11.08	16.50					10.98869673	114.0727786			-0.09	-0.82	Excellent
1437	04/30/21 22:00:00	11.13	16.46					11.03936223	114.5022009			-0.09	-0.81	Excellent
1438	04/30/21 22:30:00	11.10	16.44					11.01068115	114.1565813			-0.09	-0.80	Excellent
1439	04/30/21 23:00:00	10.83	16.48					10.74390225	111.4846105			-0.09	-0.79	Excellent
1440	04/30/21 23:30:00	10.93	16.52				12.250	10.84416541	112.6198294		12.024	-0.09	-0.79	Excellent
1441	05/01/21 00:00:00	10.87	16.52	10.18	10.87	10.52479		10.78568894	112.0125342	10.467		-0.08	-0.78	Excellent
1442	05/01/21 00:30:00	10.87	16.44					10.78674129	111.8348168			-0.08	-0.77	Excellent
1443	05/01/21 01:00:00	10.79	16.42					10.70839865	110.9757667			-0.08	-0.76	Excellent
1444	05/01/21 01:30:00	10.67	16.40					10.59033916	109.7059762			-0.08	-0.75	Excellent
1445	05/01/21 02:00:00	10.60	16.30					10.52188798	108.766997			-0.08	-0.74	Excellent
1446	05/01/21 02:30:00	10.63	16.28					10.55269602	109.0393658			-0.08	-0.73	Excellent
1447	05/01/21 03:00:00	10.61	16.30					10.53386864	108.8908437			-0.08	-0.72	Excellent
1448	05/01/21 03:30:00	10.64	16.28					10.56468346	109.1632301			-0.08	-0.71	Excellent
1449	05/01/21 04:00:00	10.62	16.24					10.54585318	108.8765305			-0.07	-0.70	Excellent
1450	05/01/21 04:30:00	10.56	16.20					10.48729443	108.1803618			-0.07	-0.69	Excellent
1451	05/01/21 05:00:00	10.55	16.18					10.47838464	108.042698			-0.07	-0.68	Excellent
1452	05/01/21 05:30:00	10.51	16.18					10.43967367	107.6435488			-0.07	-0.67	Excellent
1453	05/01/21 06:00:00	10.47	16.20					10.40095494	107.2897378			-0.07	-0.66	Excellent
1454	05/01/21 06:30:00	10.44	16.20					10.3721635	106.9927432			-0.07	-0.65	Excellent
1455	05/01/21 07:00:00	10.37	16.24					10.30362228	106.3757125			-0.07	-0.64	Excellent
1456	05/01/21 07:30:00	10.28	16.26					10.2151936	105.5073835			-0.06	-0.63	Excellent
1457	05/01/21 08:00:00	10.20	16.30					10.13668541	104.785076			-0.06	-0.62	Excellent
1458	05/01/21 08:30:00	10.18	16.34					10.11779511	104.6782155			-0.06	-0.61	Excellent
1459	05/01/21 09:00:00	10.18	16.38					10.11878065	104.7768485			-0.06	-0.60	Excellent
1460	05/01/21 09:30:00	10.19	16.38					10.12970703	104.8899878			-0.06	-0.59	Excellent
1461	05/01/21 10:00:00	10.21	16.42					10.15057715	105.1948211			-0.06	-0.58	Excellent
1462	05/01/21 10:30:00	10.26	16.44					10.20127944	105.7648631			-0.06	-0.57	Excellent
1463	05/01/21 11:00:00	10.34	16.46					10.28182261	106.6448672			-0.06	-0.56	Excellent
1464	05/01/21 11:30:00	10.37	16.52					10.31265776	107.099967			-0.06	-0.55	Excellent
1465	05/01/21 12:00:00	10.38	16.56					10.32360738	107.3039787			-0.06	-0.54	Excellent
1466	05/01/21 12:30:00	10.39	16.60					10.33455893	107.5082175			-0.06	-0.53	Excellent
1467	05/01/21 13:00:00	10.46	16.66					10.40519806	108.3796296			-0.05	-0.52	Excellent
1468	05/01/21 13:30:00	10.46	16.68					10.40621071	108.4357123			-0.05	-0.51	Excellent
1469	05/01/21 14:00:00	10.52	16.74					10.46692064	109.2057525			-0.05	-0.50	Excellent
1470	05/01/21 14:30:00	10.55	16.76					10.49779064	109.5737835			-0.05	-0.49	Excellent
1471	05/01/21 15:00:00	10.60	16.80					10.54856941	110.1961611			-0.05	-0.49	Excellent
1472	05/01/21 15:30:00	10.67	16.84					10.61926276	111.0276567			-0.05	-0.48	Excellent
1473	05/01/21 16:00:00	10.72	16.86					10.67006283	111.6055125			-0.05	-0.47	Excellent
1474	05/01/21 16:30:00	10.75	16.86					10.70096381	111.928727			-0.05	-0.46	Excellent
1475	05/01/21 17:00:00	10.74	16.86					10.69204919	111.8354829			-0.05	-0.45	Excellent
1476	05/01/21 17:30:00	10.73	16.84					10.68313263	111.6954358			-0.05	-0.44	Excellent
1477	05/01/21 18:00:00	10.73	16.82					10.68417142	111.6595135			-0.05	-0.43	Excellent
1478	05/01/21 18:30:00	10.72	16.80					10.67525196	111.5195567			-0.04	-0.42	Excellent
1479	05/01/21 19:00:00	10.68	16.74					10.63645288	110.9745532			-0.04	-0.41	Excellent
1480	05/01/21 19:30:00	10.61	16.70					10.56776548	110.1654053			-0.04	-0.40	Excellent
1481	05/01/21 20:00:00	10.56	16.64					10.51898685	109.5188191			-0.04	-0.39	Excellent
1482	05/01/21 20:30:00	10.56	16.60					10.52000918	109.4374171			-0.04	-0.38	Excellent
1483	05/01/21 21:00:00	10.55	16.54					10.51106842	109.206486			-0.04	-0.37	Excellent
1484	05/01/21 21:30:00	10.54	16.48					10.50212572	108.9758049			-0.04	-0.36	Excellent
1485	05/01/21 22:00:00	10.54	16.44					10.50314612	108.8945577			-0.04	-0.35	Excellent
1486	05/01/21 22:30:00	10.52	16.36					10.48423452	108.5151932			-0.04	-0.34	Excellent
1487	05/01/21 23:00:00	10.42	16.30					10.38558328	107.3579863			-0.03	-0.33	Excellent
1488	05/01/21 23:30:00	10.38	16.24				12.052	10.34672031	106.8206611		11.858	-0.03	-0.32	Excellent
1489	05/02/21 00:00:00	10.32	16.18	10.16	11.99	10.88542		10.28791178	106.0787309	10.877		-0.03	-0.31	Excellent
1490	05/02/21 00:30:00	10.31	16.16					10.278941	105.941352			-0.03	-0.30	Excellent
1491	05/02/21 01:00:00	10.29	16.14					10.25999745	105.701313			-0.03	-0.29	Excellent
1492	05/02/21 01:30:00	10.26	16.12					10.23107821	105.3587146			-0.03	-0.28	Excellent
1493	05/02/21 02:00:00	10.26	16.10					10.23207151	105.3242785			-0.03	-0.27	Excellent
1494	05/02/21 02:30:00	10.22	16.10					10.19316981	104.9238421			-0.03	-0.26	Excellent
1495	05/02/21 03:00:00	10.23	16.10					10.20413394	105.036702			-0.03	-0.25	Excellent
1496	05/02/21 03:30:00	10.20	16.08					10.17519728	104.6944283			-0.02	-0.24	Excellent
1497	05/02/21 04:00:00	10.22	16.08					10.19613807	104.9098919			-0.02	-0.23	Excellent
1498	05/02/21 04:30:00	10.23	16.08					10.20710511	105.0227337			-0.02	-0.22	Excellent
1499	05/02/21 05:00:00	10.19	16.08					10.16818114	104.6222381			-0.02	-0.21	Excellent

1500	05/02/21 05:30:00	10.18	16.08					10.1591881	104.5297071			-0.02	-0.20	Excellent
1501	05/02/21 06:00:00	10.16	16.08					10.1402126	104.3344647			-0.02	-0.19	Excellent
1502	05/02/21 06:30:00	10.17	16.08					10.15117771	104.4472866			-0.02	-0.19	Excellent
1503	05/02/21 07:00:00	10.20	16.08					10.18210967	104.7655511			-0.02	-0.18	Excellent
1504	05/02/21 07:30:00	10.21	16.10					10.19308058	104.9229237			-0.02	-0.17	Excellent
1505	05/02/21 08:00:00	10.27	16.10					10.25397541	105.5497473			-0.02	-0.16	Excellent
1506	05/02/21 08:30:00	10.30	16.12					10.28492577	105.9132318			-0.02	-0.15	Excellent
1507	05/02/21 09:00:00	10.36	16.16					10.34584093	106.6308655			-0.01	-0.14	Excellent
1508	05/02/21 09:30:00	10.40	16.20					10.38679311	107.1436531			-0.01	-0.13	Excellent
1509	05/02/21 10:00:00	10.42	16.22					10.40777649	107.4055562			-0.01	-0.12	Excellent
1510	05/02/21 10:30:00	10.45	16.24					10.43875299	107.7708165			-0.01	-0.11	Excellent
1511	05/02/21 11:00:00	10.51	16.26					10.49970591	108.4459621			-0.01	-0.10	Excellent
1512	05/02/21 11:30:00	10.56	16.32					10.55067927	109.1107144			-0.01	-0.09	Excellent
1513	05/02/21 12:00:00	10.61	16.40					10.60166232	109.8232734			-0.01	-0.08	Excellent
1514	05/02/21 12:30:00	10.68	16.48					10.67264126	110.7451675			-0.01	-0.07	Excellent
1515	05/02/21 13:00:00	10.74	16.56					10.73363968	111.5658705			-0.01	-0.06	Excellent
1516	05/02/21 13:30:00	10.77	16.60					10.76466458	111.9825151			-0.01	-0.05	Excellent
1517	05/02/21 14:00:00	10.75	16.70					10.74571522	112.0204715			0.00	-0.04	Excellent
1518	05/02/21 14:30:00	11.10	16.48					11.09665033	115.1449177			0.00	-0.03	Excellent
1519	05/02/21 15:00:00	11.23	16.44					11.2276983	116.4065725			0.00	-0.02	Excellent
1520	05/02/21 15:30:00	11.28	16.48					11.27878009	117.0347958			0.00	-0.01	Excellent
1521	05/02/21 16:00:00	11.46	16.48					11.45987009	118.9138848			0.00	0.00	Excellent
1522	05/02/21 16:30:00	11.55	16.50					11.55098725	119.9098715			0.00	0.01	Excellent
1523	05/02/21 17:00:00	11.61	16.50					11.61211637	120.5444479			0.00	0.02	Excellent
1524	05/02/21 17:30:00	11.58	16.48					11.58323199	120.1939553			0.00	0.03	Excellent
1525	05/02/21 18:00:00	11.69	16.48					11.69439442	121.3474376			0.00	0.04	Excellent
1526	05/02/21 18:30:00	11.71	16.44					11.71553561	121.464374			0.01	0.05	Excellent
1527	05/02/21 19:00:00	11.69	16.42					11.69665789	121.2175246			0.01	0.06	Excellent
1528	05/02/21 19:30:00	11.85	16.38					11.85789624	122.7848533			0.01	0.07	Excellent
1529	05/02/21 20:00:00	11.83	16.36					11.8390282	122.5377427			0.01	0.08	Excellent
1530	05/02/21 20:30:00	11.84	16.32					11.85018209	122.5496293			0.01	0.09	Excellent
1531	05/02/21 21:00:00	11.92	16.26					11.93140489	123.2332309			0.01	0.10	Excellent
1532	05/02/21 21:30:00	11.96	16.20					11.97260103	123.5018546			0.01	0.11	Excellent
1533	05/02/21 22:00:00	11.90	16.10					11.91368988	122.6340912			0.01	0.12	Excellent
1534	05/02/21 22:30:00	11.89	15.98					11.90482947	122.2311803			0.01	0.12	Excellent
1535	05/02/21 23:00:00	11.95	15.90					11.96606121	122.651087			0.02	0.13	Excellent
1536	05/02/21 23:30:00	11.99	15.86				11.824	12.00727575	122.9688095		11.666	0.02	0.14	Excellent
1537	05/03/21 00:00:00	11.90	15.84	10.11	11.92	11.02458		11.91829814	122.0056062	11.066		0.02	0.15	Excellent
1538	05/03/21 00:30:00	11.86	15.84					11.87938482	121.6072572			0.02	0.16	Excellent
1539	05/03/21 01:00:00	11.87	15.88					11.89055033	121.8252523			0.02	0.17	Excellent
1540	05/03/21 01:30:00	11.85	15.90					11.87166293	121.6835128			0.02	0.18	Excellent
1541	05/03/21 02:00:00	11.87	15.88					11.89284865	121.8487999			0.02	0.19	Excellent
1542	05/03/21 02:30:00	11.92	15.86					11.9440989	122.3218033			0.02	0.20	Excellent
1543	05/03/21 03:00:00	11.91	15.82					11.93523171	122.1269165			0.03	0.21	Excellent
1544	05/03/21 03:30:00	11.84	15.80					11.86622967	121.3691246			0.03	0.22	Excellent
1545	05/03/21 04:00:00	11.55	15.78					11.5767054	118.3573741			0.03	0.23	Excellent
1546	05/03/21 04:30:00	11.11	15.78					11.13676363	113.8595182			0.03	0.24	Excellent
1547	05/03/21 05:00:00	11.11	15.76					11.13783922	113.8219682			0.03	0.25	Excellent
1548	05/03/21 05:30:00	11.42	15.76					11.4497216	117.0092172			0.03	0.26	Excellent
1549	05/03/21 06:00:00	11.33	15.72					11.36058425	115.9992657			0.03	0.27	Excellent
1550	05/03/21 06:30:00	11.38	15.66					11.41182094	116.3732573			0.03	0.28	Excellent
1551	05/03/21 07:00:00	11.46	15.64					11.49315411	117.1525921			0.03	0.29	Excellent
1552	05/03/21 07:30:00	11.57	15.64					11.60459246	118.288511			0.03	0.30	Excellent
1553	05/03/21 08:00:00	11.54	15.66					11.57561998	118.0436153			0.04	0.31	Excellent
1554	05/03/21 08:30:00	11.50	15.70					11.53660985	117.7463349			0.04	0.32	Excellent
1555	05/03/21 09:00:00	11.45	15.76					11.48755917	117.3958942			0.04	0.33	Excellent
1556	05/03/21 09:30:00	11.43	15.82					11.46860013	117.3521222			0.04	0.34	Excellent
1557	05/03/21 10:00:00	11.47	15.88					11.50984565	117.9247227			0.04	0.35	Excellent
1558	05/03/21 10:30:00	11.41	15.92					11.45074184	117.4190493			0.04	0.36	Excellent
1559	05/03/21 11:00:00	11.38	15.98					11.42173644	117.2710898			0.04	0.37	Excellent
1560	05/03/21 11:30:00	11.35	16.04					11.39272524	117.1223505			0.04	0.38	Excellent
1561	05/03/21 12:00:00	11.31	16.10					11.35366961	116.8694979			0.04	0.39	Excellent
1562	05/03/21 12:30:00	11.17	16.12					11.21421044	115.482921			0.04	0.40	Excellent
1563	05/03/21 13:00:00	11.04	16.18					11.08476471	114.2950871			0.04	0.41	Excellent
1564	05/03/21 13:30:00	10.96	16.22					11.00550139	113.5739223			0.05	0.42	Excellent
1565	05/03/21 14:00:00	10.64	16.30					10.68520296	110.4552187			0.05	0.42	Excellent
1566	05/03/21 14:30:00	10.41	16.36					10.45523364	108.2150248			0.05	0.43	Excellent
1567	05/03/21 15:00:00	10.33	16.44					10.3758861	107.5751508			0.05	0.44	Excellent
1568	05/03/21 15:30:00	10.27	16.50					10.31661384	107.0959401			0.05	0.45	Excellent
1569	05/03/21 16:00:00	10.37	16.56					10.41807166	108.2858442			0.05	0.46	Excellent
1570	05/03/21 16:30:00	10.39	16.60					10.43917025	108.5964669			0.05	0.47	Excellent
1571	05/03/21 17:00:00	10.42	16.68					10.47032101	109.10376			0.05	0.48	Excellent
1572	05/03/21 17:30:00	10.40	16.72					10.45123127	108.9963151			0.05	0.49	Excellent
1573	05/03/21 18:00:00	10.39	16.76					10.44218789	108.9934134			0.05	0.50	Excellent
1574	05/03/21 18:30:00	10.37	16.80					10.42309137	108.8853484			0.05	0.51	Excellent
1575	05/03/21 19:00:00	10.44	16.82					10.49446047	109.6768579			0.05	0.52	Excellent
1576	05/03/21 19:30:00	10.36	16.86					10.41504612	108.9381177			0.06	0.53	Excellent
1577	05/03/21 20:00:00	10.45	16.90					10.50653601	109.9871036			0.06	0.54	Excellent
1578	05/03/21 20:30:00	10.43	16.92					10.48743756	109.8331099			0.06	0.55	Excellent
1579	05/03/21 21:00:00	10.36	16.94					10.41805504	109.1521162			0.06	0.56	Excellent
1580	05/03/21 21:30:00	10.34	16.96					10.39894401	108.9974435			0.06	0.57	Excellent
1581	05/03/21 22:00:00	10.26	16.98					10.31948125	108.2097609			0.06	0.58	Excellent
1582	05/03/21 22:30:00	10.31	16.98					10.37076925	108.7475653			0.06	0.59	Excellent
1583	05/03/21 23:00:00	10.17	16.98					10.23092865	107.281201			0.06	0.60	Excellent
1584	05/03/21 23:30:00	10.11	16.98				11.622	10.17154796	106.6585369		11.505	0.06	0.61	Excellent
1585	05/04/21 00:00:00	10.20	16.98	9.45	10.20	9.84875		10.26308334	107.6183742	9.831		0.06	0.62	Excellent
1586	05/04/21 00:30:00	10.12	17.00					10.18356831	106.8292036			0.06	0.63	Excellent
1587	05/04/21 01:00:00	10.04	17.00					10.10403779	105.9949005			0.06	0.64	Excellent
1588	05/04/21 01:30:00	9.98	16.98					10.04462128	105.3275877			0.06	0.65	Excellent
1589	05/04/21 02:00:00	9.95	16.98					10.01539031	105.0210727			0.07	0.66	Excellent
1590	05/04/21 02:30:00	9.85	16.98					9.915686717	103.9755839			0.07	0.67	Excellent
1591	05/04/21 03:00:00	9.79	16.96					9.856234386	103.308985			0.07	0.68	Excellent
1592	05/04/21 03:30:00	9.70	16.94					9.766564567	102.3263158			0.07	0.69	Excellent
1593	05/04/21 04:00:00	9.69	16.92					9.757434054	102.1879101			0.07	0.70	Excellent
1594	05/04/21 04:30:00	9.77	16.90					9.838936639	102.9983757			0.07	0.71	Excellent
1595	05/04/21 05:00:00	9.86	16.90					9.930526243	103.9571765			0.07	0.72	Excellent
1596	05/04/21 05:30:00	9.84	16.86					9.911335819	103.6694658			0.07	0.72	Excellent
1597	05/04/21 06:00:00	9.87	16.84					9.942508842	103.9519865			0.07	0.73	Excellent
1598	05/04/21 06:30:00	10.02	16.80					10.09458086	105.4535468			0.07	0.74	Excellent
1599	05/04/21 07:00:00	10.15	16.80					10.22653112	106.8319718			0.08	0.75	Excellent
1600	05/04/21 07:30:00	10.10	16.78					10.17713192	106.2713652			0.08	0.76	Excellent
1601	05/04/21 08:00:00	10.12	16.78					10.19826439	106.4920342			0.08	0.77	Excellent
1602	05/04/21 08:30:00	9.99	16.80					10.06822617	105.1782313			0.08	0.78	Excellent
1603	05/04/21 09:00:00	10.04	16.82					10.11958969	105.7591101			0.08	0.79	Excellent
1604	05/04/21 09:30:00	9.97	16.84					10.05	105.0758396			0.08	0.80	Excellent
1605	05/04/21 10:00:00	10.07	16.92					9.99	103.3594279			-0.08	-0.79	Excellent
1606	05/04/21 10:30:00	10.12	16.92					10.03938549	103.8703845			-0.08	-0.80	Excellent
1607	05/04/21 11:00:00	10.03	17.00					9.949887067	103.1165435			-0.08	-0.80	Excellent
1608	05/04/21 11:30:00	9.82	17.00					9.741353561	100.9553879			-0.08	-0.80	Excellent
1609	05/04/21 12:00:00	9.86	17.08					9.780821505	101.5336847			-0.08	-0.80	Excellent
1610	05/04/21 12:30:00	9.80	17.14					9.721092905	101.0398604			-0.08	-0.81	Excellent
1611	05/04/21 13:00:00	9.80	17.14					9.720882489	101.0376733			-0.08	-0.81	Excellent
1612	05/04/21 13:30:00	9.77	17.16					9.690914914	100.768141			-0.08	-0.81	Excellent
1613	05/04/21 14:00:00	9.81	17.22					9.730380496	101.3048869			-0.08	-0.81	Excellent
1614	05/04/21 14:30:00	9.79	17.26					9.710332617	101.1802582			-0.08	-0.81	Excellent
1615	05/04/21 15:00:00	9.81	17.26					9.729959234	101.3847647			-0.08	-0.82	Excellent

1616	05/04/21 15:30:00	9.78	17.28					9.699994021	101.1145387			-0.08	-0.82	Excellent
1617	05/04/21 16:00:00	9.79	17.30					9.709702014	101.2577894			-0.08	-0.82	Excellent
1618	05/04/21 16:30:00	9.76	17.32					9.679738518	100.9872411			-0.08	-0.82	Excellent
1619	05/04/21 17:00:00	9.75	17.30					9.66961141	100.8397039			-0.08	-0.82	Excellent
1620	05/04/21 17:30:00	9.74	17.28					9.659484733	100.6922624			-0.08	-0.83	Excellent
1621	05/04/21 18:00:00	9.80	17.40					9.718778329	101.5629547			-0.08	-0.83	Excellent
1622	05/04/21 18:30:00	9.69	17.32					9.609481947	100.254265			-0.08	-0.83	Excellent
1623	05/04/21 19:00:00	9.68	17.30					9.599357201	100.1070567			-0.08	-0.83	Excellent
1624	05/04/21 19:30:00	9.63	17.30					9.549566979	99.58781857			-0.08	-0.84	Excellent
1625	05/04/21 20:00:00	9.69	17.32					9.608857784	100.2477532			-0.08	-0.84	Excellent
1626	05/04/21 20:30:00	9.78	17.34					9.697894155	101.2186647			-0.08	-0.84	Excellent
1627	05/04/21 21:00:00	9.92	17.34					9.836505823	102.6653796			-0.08	-0.84	Excellent
1628	05/04/21 21:30:00	9.86	17.34					9.776799124	102.0422101			-0.08	-0.84	Excellent
1629	05/04/21 22:00:00	9.67	17.32					9.588194762	100.032179			-0.08	-0.85	Excellent
1630	05/04/21 22:30:00	9.54	17.30					9.459089688	98.64427463			-0.08	-0.85	Excellent
1631	05/04/21 23:00:00	9.48	17.28					9.399395013	97.98103887			-0.08	-0.85	Excellent
1632	05/04/21 23:30:00	9.45	17.28				11.279	9.369447191	97.66885721		11.195	-0.08	-0.85	Excellent
1633	05/05/21 00:00:00	9.43	17.30	8.98	9.48	9.13438		9.349415201	97.50053241	9.052		-0.08	-0.85	Excellent
1634	05/05/21 00:30:00	9.41	17.32					9.32938407	97.3320464			-0.08	-0.86	Excellent
1635	05/05/21 01:00:00	9.40	17.36					9.319267913	97.30724641			-0.08	-0.86	Excellent
1636	05/05/21 01:30:00	9.39	17.40					9.309152186	97.28228895			-0.08	-0.86	Excellent
1637	05/05/21 02:00:00	9.37	17.38					9.289123202	97.03273462			-0.08	-0.86	Excellent
1638	05/05/21 02:30:00	9.34	17.36					9.259181607	96.67985452			-0.08	-0.87	Excellent
1639	05/05/21 03:00:00	9.33	17.30					9.249067811	96.45405798			-0.08	-0.87	Excellent
1640	05/05/21 03:30:00	9.29	17.26					9.209215322	95.95868859			-0.08	-0.87	Excellent
1641	05/05/21 04:00:00	9.25	17.22					9.16936455	95.46404062			-0.08	-0.87	Excellent
1642	05/05/21 04:30:00	9.23	17.18					9.149340719	95.17634649			-0.08	-0.87	Excellent
1643	05/05/21 05:00:00	9.21	17.14					9.129317747	94.88902117			-0.08	-0.88	Excellent
1644	05/05/21 05:30:00	9.17	17.10					9.08947127	94.39618414			-0.08	-0.88	Excellent
1645	05/05/21 06:00:00	9.14	17.06					9.059538477	94.00692			-0.08	-0.88	Excellent
1646	05/05/21 06:30:00	9.12	17.02					9.039518726	93.72096456			-0.08	-0.88	Excellent
1647	05/05/21 07:00:00	9.09	17.00					9.009588296	93.3716732			-0.08	-0.88	Excellent
1648	05/05/21 07:30:00	9.07	16.96					8.989570477	93.08644929			-0.08	-0.89	Excellent
1649	05/05/21 08:00:00	9.12	16.92					9.038931279	93.51939597			-0.08	-0.89	Excellent
1650	05/05/21 08:30:00	9.48	16.92					9.395527653	97.20884513			-0.08	-0.89	Excellent
1651	05/05/21 09:00:00	9.38	16.88					9.296217313	96.10095833			-0.08	-0.89	Excellent
1652	05/05/21 09:30:00	9.34	16.84					9.256374056	95.60903769			-0.08	-0.90	Excellent
1653	05/05/21 10:00:00	9.19	16.84					9.107519767	94.07152254			-0.08	-0.90	Excellent
1654	05/05/21 10:30:00	9.10	16.84					9.01813213	93.14823812			-0.08	-0.90	Excellent
1655	05/05/21 11:00:00	9.07	16.84					8.988207282	92.83914453			-0.08	-0.90	Excellent
1656	05/05/21 11:30:00	9.05	16.82					8.968193328	92.59365359			-0.08	-0.90	Excellent
1657	05/05/21 12:00:00	9.06	16.86					8.977908407	92.77157967			-0.08	-0.91	Excellent
1658	05/05/21 12:30:00	9.06	16.98					8.977713879	93.00250577			-0.08	-0.91	Excellent
1659	05/05/21 13:00:00	9.06	17.06					8.977519352	93.15584294			-0.08	-0.91	Excellent
1660	05/05/21 13:30:00	9.04	17.14					8.95750733	93.10324454			-0.08	-0.91	Excellent
1661	05/05/21 14:00:00	9.01	17.08					8.927587635	92.67635319			-0.08	-0.91	Excellent
1662	05/05/21 14:30:00	9.01	17.12					8.927394181	92.75161319			-0.08	-0.92	Excellent
1663	05/05/21 15:00:00	9.04	17.10					8.956925036	93.01966198			-0.08	-0.92	Excellent
1664	05/05/21 15:30:00	9.06	17.18					8.976546715	93.37885063			-0.08	-0.92	Excellent
1665	05/05/21 16:00:00	9.05	17.24					8.966444514	93.39022467			-0.08	-0.92	Excellent
1666	05/05/21 16:30:00	9.03	17.28					8.946435283	93.25930255			-0.08	-0.93	Excellent
1667	05/05/21 17:00:00	9.03	17.28					8.9462414	93.25728147			-0.08	-0.93	Excellent
1668	05/05/21 17:30:00	9.03	17.30					8.946047517	93.29400579			-0.08	-0.93	Excellent
1669	05/05/21 18:00:00	9.03	17.30					8.945853633	93.29198387			-0.08	-0.93	Excellent
1670	05/05/21 18:30:00	9.01	17.30					8.92584655	93.08333967			-0.08	-0.93	Excellent
1671	05/05/21 19:00:00	9.02	17.32					8.935559482	93.22333431			-0.08	-0.94	Excellent
1672	05/05/21 19:30:00	9.00	17.30					8.915553472	92.97599813			-0.08	-0.94	Excellent
1673	05/05/21 20:00:00	8.98	17.28					8.895548321	92.7288474			-0.08	-0.94	Excellent
1674	05/05/21 20:30:00	9.00	17.30					8.915166994	92.97196774			-0.08	-0.94	Excellent
1675	05/05/21 21:00:00	8.99	17.32					8.905068228	92.9052237			-0.08	-0.94	Excellent
1676	05/05/21 21:30:00	8.99	17.32					8.904875204	92.9032099			-0.09	-0.95	Excellent
1677	05/05/21 22:00:00	8.98	17.30					8.894777082	92.7593312			-0.09	-0.95	Excellent
1678	05/05/21 22:30:00	9.01	17.30					8.924298919	93.06720017			-0.09	-0.95	Excellent
1679	05/05/21 23:00:00	8.99	17.30					8.90429613	92.85860075			-0.09	-0.95	Excellent
1680	05/05/21 23:30:00	9.00	17.32				10.813	8.914007559	92.99848637		10.751	-0.09	-0.96	Excellent
1681	05/06/21 00:00:00	9.00	17.32	8.95	9.27	9.10729		8.913814319	92.99647034	9.015		-0.09	-0.96	Excellent
1682	05/06/21 00:30:00	8.99	17.30					8.903717057	92.85256188			-0.09	-0.96	Excellent
1683	05/06/21 01:00:00	9.01	17.32					8.92333165	93.0957632			-0.09	-0.96	Excellent
1684	05/06/21 01:30:00	9.00	17.32					8.913234602	92.99042223			-0.09	-0.96	Excellent
1685	05/06/21 02:00:00	8.97	17.32					8.883331225	92.67844484			-0.09	-0.97	Excellent
1686	05/06/21 02:30:00	8.99	17.28					8.902944959	92.80595133			-0.09	-0.97	Excellent
1687	05/06/21 03:00:00	8.99	17.28					8.902751934	92.80393921			-0.09	-0.97	Excellent
1688	05/06/21 03:30:00	8.98	17.24					8.892656175	92.6216804			-0.09	-0.97	Excellent
1689	05/06/21 04:00:00	9.01	17.24					8.922170926	92.92909203			-0.09	-0.97	Excellent
1690	05/06/21 04:30:00	8.97	17.20					8.88236825	92.4376094			-0.09	-0.98	Excellent
1691	05/06/21 05:00:00	8.96	17.18					8.872273564	92.29414542			-0.09	-0.98	Excellent
1692	05/06/21 05:30:00	8.95	17.14					8.862179307	92.11241663			-0.09	-0.98	Excellent
1693	05/06/21 06:00:00	8.95	17.12					8.861987141	92.07206344			-0.09	-0.98	Excellent
1694	05/06/21 06:30:00	8.97	17.08					8.881597869	92.19893824			-0.09	-0.99	Excellent
1695	05/06/21 07:00:00	9.00	17.02					8.911108971	92.38962309			-0.09	-0.99	Excellent
1696	05/06/21 07:30:00	8.97	16.98					8.881212679	92.00282439			-0.09	-0.99	Excellent
1697	05/06/21 08:00:00	8.99	16.96					8.90082169	92.16746106			-0.09	-0.99	Excellent
1698	05/06/21 08:30:00	9.01	16.92					8.920429842	92.29334584			-0.09	-0.99	Excellent
1699	05/06/21 09:00:00	9.04	16.90					8.949937508	92.55993971			-0.09	-1.00	Excellent
1700	05/06/21 09:30:00	9.05	16.90					8.959643568	92.66031945			-0.09	-1.00	Excellent
1701	05/06/21 10:00:00	9.07	16.92					8.979249143	92.90190734			-0.09	-1.00	Excellent
1702	05/06/21 10:30:00	9.06	16.94					8.969154672	92.83625433			-0.09	-1.00	Excellent
1703	05/06/21 11:00:00	9.08	17.00					8.988759174	93.15580873			-0.09	-1.00	Excellent
1704	05/06/21 11:30:00	9.11	17.04					9.018262116	93.53959379			-0.09	-1.01	Excellent
1705	05/06/21 12:00:00	9.11	17.10					9.018066515	93.65462986			-0.09	-1.01	Excellent
1706	05/06/21 12:30:00	9.11	17.18					9.017870914	93.8087271			-0.09	-1.01	Excellent
1707	05/06/21 13:00:00	9.13	17.22					9.037472625	94.0908881			-0.09	-1.01	Excellent
1708	05/06/21 13:30:00	9.14	17.28					9.047175035	94.30943242			-0.09	-1.02	Excellent
1709	05/06/21 14:00:00	9.14	17.28					9.04697879	94.30738673			-0.09	-1.02	Excellent
1710	05/06/21 14:30:00	9.18	17.30					9.086374591	94.75740902			-0.09	-1.02	Excellent
1711	05/06/21 15:00:00	9.17	17.32					9.07627969	94.69144687			-0.09	-1.02	Excellent
1712	05/06/21 15:30:00	9.20	17.32					9.105775547	94.99917266			-0.09	-1.02	Excellent
1713	05/06/21 16:00:00	9.22	17.36					9.125372749	95.28268775			-0.09	-1.03	Excellent
1714	05/06/21 16:30:00	9.24	17.34					9.144969091	95.44768643			-0.10	-1.03	Excellent
1715	05/06/21 17:00:00	9.26	17.36					9.164564575	95.69190967			-0.10	-1.03	Excellent
1716	05/06/21 17:30:00	9.27	17.36					9.174262477	95.79317042			-0.10	-1.03	Excellent
1717	05/06/21 18:00:00	9.26	17.38					9.164166932	95.72746088			-0.10	-1.03	Excellent
1718	05/06/21 18:30:00	9.27	17.40					9.173864404	95.86850768			-0.10	-1.04	Excellent
1719	05/06/21 19:00:00	9.26	17.44					9.163769289	95.84243131			-0.10	-1.04	Excellent
1720	05/06/21 19:30:00	9.24	17.46					9.143778738	95.67298124			-0.10	-1.04	Excellent
1721	05/06/21 20:00:00	9.22	17.50					9.123789046	95.54291801			-0.10	-1.04	Excellent
1722	05/06/21 20:30:00	9.22	17.54					9.123591084	95.61994876			-0.10	-1.05	Excellent
1723	05/06/21 21:00:00	9.22	17.56					9.123393121	95.65742993			-0.10	-1.05	Excellent
1724	05/06/21 21:30:00	9.20	17.58					9.103405147	95.48733148			-0.10	-1.05	Excellent
1725	05/06/21 22:00:00	9.23	17.60					9.132891986	95.83622812			-0.10	-1.05	Excellent
1726	05/06/21 22:30:00	9.24	17.60					9.142588385	95.93797752			-0.10	-1.05	Excellent
1727	05/06/21 23:00:00	9.24	17.58					9.142389993	95.89625087			-0.10	-1.06	Excellent
1728	05/06/21 23:30:00	9.26	17.52				10.327	9.161979894	95.98256338		10.279	-0.10	-1.06	Excellent
1729	05/07/21 00:00:00	9.26	17.48	9.20	10.48	9.56542		9.161781072	95.90105213	9.459		-0.10	-1.06	Excellent
1730	05/07/21 00:30:00	9.24	17.42					9.141794816	95.57298763			-0.10	-1.06	Excellent
1731	05/07/21 01:00:00	9.26	17.38					9.161383429	95.69838484			-0.10	-1.06	Excellent

1732	05/07/21 01:30:00	9.26	17.34					9.161184607	95.61693069			-0.10	-1.07	Excellent
1733	05/07/21 02:00:00	9.24	17.32					9.141199639	95.36874683			-0.10	-1.07	Excellent
1734	05/07/21 02:30:00	9.24	17.26					9.141001247	95.24790782			-0.10	-1.07	Excellent
1735	05/07/21 03:00:00	9.25	17.22					9.150695499	95.2696735			-0.10	-1.07	Excellent
1736	05/07/21 03:30:00	9.27	17.18					9.17028175	95.39418631			-0.10	-1.08	Excellent
1737	05/07/21 04:00:00	9.24	17.12					9.14040607	94.96471098			-0.10	-1.08	Excellent
1738	05/07/21 04:30:00	9.22	17.08					9.120423679	94.67816398			-0.10	-1.08	Excellent
1739	05/07/21 05:00:00	9.23	17.02					9.130117501	94.66028498			-0.10	-1.08	Excellent
1740	05/07/21 05:30:00	9.21	16.98					9.110136183	94.37430334			-0.10	-1.08	Excellent
1741	05/07/21 06:00:00	9.20	16.94					9.100047079	94.19107106			-0.10	-1.09	Excellent
1742	05/07/21 06:30:00	9.20	16.90					9.099849546	94.11032475			-0.10	-1.09	Excellent
1743	05/07/21 07:00:00	9.21	16.88					9.109542939	94.17118564			-0.10	-1.09	Excellent
1744	05/07/21 07:30:00	9.21	16.86					9.109345191	94.12975772			-0.10	-1.09	Excellent
1745	05/07/21 08:00:00	9.23	16.86					9.128928436	94.33211761			-0.10	-1.10	Excellent
1746	05/07/21 08:30:00	9.32	16.88					9.217742796	95.28971694			-0.10	-1.10	Excellent
1747	05/07/21 09:00:00	9.80	16.88					9.692265915	100.1951666			-0.11	-1.10	Excellent
1748	05/07/21 09:30:00	9.86	16.88					9.751394614	100.8064179			-0.11	-1.10	Excellent
1749	05/07/21 10:00:00	9.67	16.88					9.563279791	98.86175438			-0.11	-1.10	Excellent
1750	05/07/21 10:30:00	9.73	16.88					9.622408705	99.47300788			-0.11	-1.11	Excellent
1751	05/07/21 11:00:00	9.62	16.88					9.513418499	98.34630624			-0.11	-1.11	Excellent
1752	05/07/21 11:30:00	9.64	16.88					9.532989936	98.54862873			-0.11	-1.11	Excellent
1753	05/07/21 12:00:00	9.44	16.90					9.335007375	96.54231877			-0.10	-1.11	Excellent
1754	05/07/21 12:30:00	9.34	16.94					9.235919046	95.59742928			-0.10	-1.11	Excellent
1755	05/07/21 13:00:00	9.37	17.00					9.265383555	96.02263022			-0.10	-1.12	Excellent
1756	05/07/21 13:30:00	9.31	17.00					9.205853562	95.40568582			-0.10	-1.12	Excellent
1757	05/07/21 14:00:00	9.36	17.04					9.255093268	95.99606373			-0.10	-1.12	Excellent
1758	05/07/21 14:30:00	9.37	17.06					9.264780005	96.13662273			-0.11	-1.12	Excellent
1759	05/07/21 15:00:00	9.40	17.06					9.294241293	96.4423298			-0.11	-1.13	Excellent
1760	05/07/21 15:30:00	9.39	17.04					9.28415219	96.29746989			-0.11	-1.13	Excellent
1761	05/07/21 16:00:00	9.39	17.04					9.283950577	96.29537871			-0.11	-1.13	Excellent
1762	05/07/21 16:30:00	9.43	17.06					9.323296351	96.74382159			-0.11	-1.13	Excellent
1763	05/07/21 17:00:00	9.44	17.06					9.332980511	96.84430994			-0.11	-1.13	Excellent
1764	05/07/21 17:30:00	9.41	17.06					9.303118573	96.5344455			-0.11	-1.14	Excellent
1765	05/07/21 18:00:00	9.52	17.02					9.411664758	97.57934309			-0.11	-1.14	Excellent
1766	05/07/21 18:30:00	9.65	17.00					9.539978195	98.8684163			-0.11	-1.14	Excellent
1767	05/07/21 19:00:00	10.08	16.98					9.964859241	103.2286049			-0.12	-1.14	Excellent
1768	05/07/21 19:30:00	10.13	16.96					10.0140706	103.6950851			-0.12	-1.14	Excellent
1769	05/07/21 20:00:00	10.08	16.92					9.964426385	103.0948359			-0.12	-1.15	Excellent
1770	05/07/21 20:30:00	10.07	16.86					9.954324828	102.8612007			-0.12	-1.15	Excellent
1771	05/07/21 21:00:00	10.27	16.84					10.1518069	104.8579587			-0.12	-1.15	Excellent
1772	05/07/21 21:30:00	10.36	16.82					10.24054869	105.7303052			-0.12	-1.15	Excellent
1773	05/07/21 22:00:00	10.42	16.80					10.29963316	106.2958143			-0.12	-1.16	Excellent
1774	05/07/21 22:30:00	10.43	16.80					10.3092937	106.3955145			-0.12	-1.16	Excellent
1775	05/07/21 23:00:00	10.39	16.80					10.26953353	105.9851757			-0.12	-1.16	Excellent
1776	05/07/21 23:30:00	10.48	16.80				10.013	10.35826502	106.9009156		9.967	-0.12	-1.16	Excellent
1777	05/08/21 00:00:00	10.39	16.76	9.33	10.41	9.64208		10.26908737	105.8918091	9.525		-0.12	-1.16	Excellent
1778	05/08/21 00:30:00	10.41	16.72					10.28863111	106.0044224			-0.12	-1.17	Excellent
1779	05/08/21 01:00:00	10.23	16.68					10.11051005	104.0818679			-0.12	-1.17	Excellent
1780	05/08/21 01:30:00	10.34	16.66					10.21900321	105.1545982			-0.12	-1.17	Excellent
1781	05/08/21 02:00:00	9.91	16.60					9.793822209	100.652541			-0.12	-1.17	Excellent
1782	05/08/21 02:30:00	9.76	16.52					9.645371146	98.96030053			-0.11	-1.17	Excellent
1783	05/08/21 03:00:00	9.51	16.42					9.398103146	96.2205433			-0.11	-1.18	Excellent
1784	05/08/21 03:30:00	9.43	16.36					9.318841973	95.28842026			-0.11	-1.18	Excellent
1785	05/08/21 04:00:00	9.38	16.30					9.26922996	94.66116899			-0.11	-1.18	Excellent
1786	05/08/21 04:30:00	9.38	16.24					9.269028562	94.53919441			-0.11	-1.18	Excellent
1787	05/08/21 05:00:00	9.43	16.18					9.318234558	94.92054601			-0.11	-1.19	Excellent
1788	05/08/21 05:30:00	9.40	16.14					9.288388294	94.53644135			-0.11	-1.19	Excellent
1789	05/08/21 06:00:00	9.33	16.08					9.21901912	93.71121838			-0.11	-1.19	Excellent
1790	05/08/21 06:30:00	9.35	16.04					9.238580465	93.83044815			-0.11	-1.19	Excellent
1791	05/08/21 07:00:00	9.34	16.02					9.228499091	93.688301			-0.11	-1.19	Excellent
1792	05/08/21 07:30:00	9.44	15.96					9.327102605	94.56880548			-0.11	-1.20	Excellent
1793	05/08/21 08:00:00	9.47	15.96					9.35654049	94.86728034			-0.11	-1.20	Excellent
1794	05/08/21 08:30:00	9.49	15.94					9.376097111	95.02518873			-0.11	-1.20	Excellent
1795	05/08/21 09:00:00	9.50	15.94					9.385773112	95.1232534			-0.11	-1.20	Excellent
1796	05/08/21 09:30:00	9.50	15.90					9.385569138	95.04035713			-0.11	-1.20	Excellent
1797	05/08/21 10:00:00	9.50	15.88					9.385365163	94.99788323			-0.11	-1.21	Excellent
1798	05/08/21 10:30:00	9.50	15.90					9.385161188	95.03622614			-0.11	-1.21	Excellent
1799	05/08/21 11:00:00	9.54	15.94					9.424472823	95.51546854			-0.12	-1.21	Excellent
1800	05/08/21 11:30:00	9.50	15.92					9.384753239	95.07250441			-0.12	-1.21	Excellent
1801	05/08/21 12:00:00	9.54	15.92					9.424063156	95.47073462			-0.12	-1.22	Excellent
1802	05/08/21 12:30:00	9.54	15.92					9.423858322	95.46865955			-0.12	-1.22	Excellent
1803	05/08/21 13:00:00	9.53	15.94					9.413775445	95.4070524			-0.12	-1.22	Excellent
1804	05/08/21 13:30:00	9.59	15.96					9.472837799	96.04643512			-0.12	-1.22	Excellent
1805	05/08/21 14:00:00	9.58	15.98					9.462754278	95.98495253			-0.12	-1.22	Excellent
1806	05/08/21 14:30:00	9.58	15.90					9.462548586	95.81986811			-0.12	-1.23	Excellent
1807	05/08/21 15:00:00	9.61	15.88					9.491974447	96.07697351			-0.12	-1.23	Excellent
1808	05/08/21 15:30:00	9.67	15.94					9.55102993	96.79810383			-0.12	-1.23	Excellent
1809	05/08/21 16:00:00	9.67	15.94					9.550822306	96.79599959			-0.12	-1.23	Excellent
1810	05/08/21 16:30:00	9.66	15.88					9.54073814	96.57055554			-0.12	-1.23	Excellent
1811	05/08/21 17:00:00	9.71	15.90					9.589912359	97.10958196			-0.12	-1.24	Excellent
1812	05/08/21 17:30:00	9.69	15.90					9.569951654	96.90745542			-0.12	-1.24	Excellent
1813	05/08/21 18:00:00	9.65	15.88					9.530240014	96.46429438			-0.12	-1.24	Excellent
1814	05/08/21 18:30:00	9.68	15.84					9.559659863	96.67977266			-0.12	-1.24	Excellent
1815	05/08/21 19:00:00	9.69	15.80					9.569327491	96.69516836			-0.12	-1.25	Excellent
1816	05/08/21 19:30:00	9.65	15.76					9.529618428	96.2119003			-0.12	-1.25	Excellent
1817	05/08/21 20:00:00	9.74	15.74					9.61828657	97.06571581			-0.12	-1.25	Excellent
1818	05/08/21 20:30:00	9.71	15.74					9.588452974	96.76464146			-0.12	-1.25	Excellent
1819	05/08/21 21:00:00	9.72	15.72					9.598119099	96.82089413			-0.12	-1.25	Excellent
1820	05/08/21 21:30:00	9.69	15.70					9.56828722	96.47880158			-0.12	-1.26	Excellent
1821	05/08/21 22:00:00	9.70	15.70					9.577953345	96.57626689			-0.12	-1.26	Excellent
1822	05/08/21 22:30:00	9.69	15.68					9.567871112	96.43344736			-0.12	-1.26	Excellent
1823	05/08/21 23:00:00	9.73	15.66					9.607158055	96.7880919			-0.12	-1.26	Excellent
1824	05/08/21 23:30:00	9.77	15.64				9.887	9.64644328	97.14238477		9.832	-0.12	-1.26	Excellent
1825	05/09/21 00:00:00	9.78	15.60	9.50	10.82	9.87792		9.656106828	97.15664851	9.748		-0.12	-1.27	Excellent
1826	05/09/21 00:30:00	9.82	15.56					9.695389262	97.46852153			-0.12	-1.27	Excellent
1827	05/09/21 01:00:00	9.68	15.52					9.55695795	95.99469105			-0.12	-1.27	Excellent
1828	05/09/21 01:30:00	9.65	15.48					9.527132084	95.61320696			-0.12	-1.27	Excellent
1829	05/09/21 02:00:00	9.60	15.44					9.477562583	95.03427479			-0.12	-1.28	Excellent
1830	05/09/21 02:30:00	9.61	15.40					9.487228708	95.0496727			-0.12	-1.28	Excellent
1831	05/09/21 03:00:00	9.58	15.36					9.457406277	94.66963421			-0.12	-1.28	Excellent
1832	05/09/21 03:30:00	9.55	15.30					9.427585133	94.24964756			-0.12	-1.28	Excellent
1833	05/09/21 04:00:00	9.55	15.26					9.427380085	94.16663466			-0.12	-1.28	Excellent
1834	05/09/21 04:30:00	9.63	15.22					9.506146137	94.87177477			-0.12	-1.29	Excellent
1835	05/09/21 05:00:00	9.60	15.16					9.476325853	94.45214044			-0.12	-1.29	Excellent
1836	05/09/21 05:30:00	9.59	15.10					9.466248773	94.22983609			-0.12	-1.29	Excellent
1837	05/09/21 06:00:00	9.54	15.06					9.416689149	93.65570529			-0.12	-1.29	Excellent
1838	05/09/21 06:30:00	9.55	15.02					9.426354844	93.6709693			-0.12	-1.29	Excellent
1839	05/09/21 07:00:00	9.50	15.00					9.376798226	93.13830227			-0.12	-1.30	Excellent
1840	05/09/21 07:30:00	9.55	14.98					9.425944748	93.58604378			-0.12	-1.30	Excellent
1841	05/09/21 08:00:00	9.53	14.96					9.40599993	93.34768626			-0.12	-1.30	Excellent
1842	05/09/21 08:30:00	9.72	14.96					9.593319038	95.20669172			-0.13	-1.30	Excellent
1843	05/09/21 09:00:00	10.11	14.98					9.978019088	99.06734616			-0.13	-1.31	Excellent
1844	05/09/21 09:30:00	9.98	14.96					9.849501891	97.74911962			-0.13	-1.31	Excellent
1845	05/09/21 10:00:00	10.56	14.98					10.4216911	103.4723697			-0.14	-1.31	Excellent
1846	05/09/21 10:30:00	10.33	14.98					10.19448171	101.216508			-0.14	-1.31	Excellent
1847	05/09/21 11:00:00	10.60	15.00					10.46071202	103.9046521			-0.14	-1.31	Excellent

1848	05/09/21 11:30:00	10.56	15.00					10.4210109	103.510307			-0.14	-1.32	Excellent
1849	05/09/21 12:00:00	10.72	15.00					10.57867483	105.0763587			-0.14	-1.32	Excellent
1850	05/09/21 12:30:00	10.82	14.98					10.67712418	106.008452			-0.14	-1.32	Excellent
1851	05/09/21 13:00:00	10.68	14.98					10.53874354	104.6345317			-0.14	-1.32	Excellent
1852	05/09/21 13:30:00	10.50	14.96					10.36089882	102.824361			-0.14	-1.32	Excellent
1853	05/09/21 14:00:00	10.18	14.94					10.04491952	99.64542686			-0.14	-1.33	Excellent
1854	05/09/21 14:30:00	9.96	14.92					9.827624896	97.44773324			-0.13	-1.33	Excellent
1855	05/09/21 15:00:00	9.92	14.94					9.787943531	97.09622949			-0.13	-1.33	Excellent
1856	05/09/21 15:30:00	9.86	14.96					9.728530555	96.54856738			-0.13	-1.33	Excellent
1857	05/09/21 16:00:00	9.66	14.98					9.530989868	94.62899041			-0.13	-1.34	Excellent
1858	05/09/21 16:30:00	9.63	14.96					9.501183755	94.29231627			-0.13	-1.34	Excellent
1859	05/09/21 17:00:00	9.71	14.94					9.579905147	95.03249234			-0.13	-1.34	Excellent
1860	05/09/21 17:30:00	9.70	14.92					9.569830858	94.89152612			-0.13	-1.34	Excellent
1861	05/09/21 18:00:00	9.72	14.90					9.58935377	95.04399989			-0.13	-1.34	Excellent
1862	05/09/21 18:30:00	9.72	14.86					9.589145071	94.95972525			-0.13	-1.35	Excellent
1863	05/09/21 19:00:00	9.75	14.84					9.618531856	95.20951424			-0.13	-1.35	Excellent
1864	05/09/21 19:30:00	9.78	14.80					9.647917352	95.41770026			-0.13	-1.35	Excellent
1865	05/09/21 20:00:00	9.78	14.76					9.647707365	95.33295235			-0.13	-1.35	Excellent
1866	05/09/21 20:30:00	9.81	14.72					9.677090929	95.54039537			-0.13	-1.35	Excellent
1867	05/09/21 21:00:00	9.82	14.70					9.6867446	95.59421478			-0.13	-1.36	Excellent
1868	05/09/21 21:30:00	9.82	14.68					9.686533755	95.55064891			-0.13	-1.36	Excellent
1869	05/09/21 22:00:00	9.84	14.64					9.706050655	95.66004282			-0.13	-1.36	Excellent
1870	05/09/21 22:30:00	9.85	14.60					9.715703038	95.6719801			-0.13	-1.36	Excellent
1871	05/09/21 23:00:00	9.86	14.54					9.725354991	95.64213785			-0.13	-1.37	Excellent
1872	05/09/21 23:30:00	9.88	14.50				9.743	9.744869744	95.75064611		9.671	-0.14	-1.37	Excellent
1873	05/10/21 00:00:00	9.89	14.46	9.83	10.61	10.19146		9.754520624	95.76199996	10.047		-0.14	-1.37	Excellent
1874	05/10/21 00:30:00	9.88	14.42					9.744445477	95.57971841			-0.14	-1.37	Excellent
1875	05/10/21 01:00:00	9.90	14.40					9.763958512	95.72935094			-0.14	-1.37	Excellent
1876	05/10/21 01:30:00	9.89	14.40					9.753883579	95.63057269			-0.14	-1.38	Excellent
1877	05/10/21 02:00:00	9.89	14.38					9.753671231	95.58677483			-0.14	-1.38	Excellent
1878	05/10/21 02:30:00	9.84	14.36					9.704149181	95.05995437			-0.14	-1.38	Excellent
1879	05/10/21 03:00:00	9.88	14.36					9.743384809	95.44429893			-0.14	-1.38	Excellent
1880	05/10/21 03:30:00	9.86	14.34					9.723449653	95.20743896			-0.14	-1.38	Excellent
1881	05/10/21 04:00:00	9.83	14.30					9.693654061	94.83280258			-0.14	-1.39	Excellent
1882	05/10/21 04:30:00	9.89	14.24					9.752609489	95.28449668			-0.14	-1.39	Excellent
1883	05/10/21 05:00:00	9.90	14.20					9.762258007	95.2953238			-0.14	-1.39	Excellent
1884	05/10/21 05:30:00	9.89	14.16					9.752184792	95.11365406			-0.14	-1.39	Excellent
1885	05/10/21 06:00:00	9.96	14.10					9.820995505	95.65890758			-0.14	-1.40	Excellent
1886	05/10/21 06:30:00	9.94	14.04					9.801061208	95.3391713			-0.14	-1.40	Excellent
1887	05/10/21 07:00:00	9.97	13.98					9.83042781	95.49892031			-0.14	-1.40	Excellent
1888	05/10/21 07:30:00	9.99	13.94					9.84993333	95.60432028			-0.14	-1.40	Excellent
1889	05/10/21 08:00:00	10.03	13.90					9.889157148	95.90062209			-0.14	-1.40	Excellent
1890	05/10/21 08:30:00	10.05	13.88					9.908660521	96.04747573			-0.14	-1.41	Excellent
1891	05/10/21 09:00:00	10.03	13.86					9.888726439	95.81205662			-0.14	-1.41	Excellent
1892	05/10/21 09:30:00	10.07	13.84					9.927946822	96.14970789			-0.14	-1.41	Excellent
1893	05/10/21 10:00:00	10.02	13.82					9.878437011	95.62807702			-0.14	-1.41	Excellent
1894	05/10/21 10:30:00	10.06	13.80					9.917655891	95.96543089			-0.14	-1.41	Excellent
1895	05/10/21 11:00:00	10.18	13.82					10.03573937	97.15084043			-0.14	-1.42	Excellent
1896	05/10/21 11:30:00	10.20	13.84					10.05523695	97.38248128			-0.14	-1.42	Excellent
1897	05/10/21 12:00:00	10.22	13.80					10.07473367	97.48535018			-0.15	-1.42	Excellent
1898	05/10/21 12:30:00	10.15	13.78					10.00551071	96.77285884			-0.14	-1.42	Excellent
1899	05/10/21 13:00:00	10.28	13.84					10.13343939	98.13985253			-0.15	-1.43	Excellent
1900	05/10/21 13:30:00	10.24	13.88					10.0937898	97.84198668			-0.15	-1.43	Excellent
1901	05/10/21 14:00:00	10.31	13.88					10.16256895	98.50868262			-0.15	-1.43	Excellent
1902	05/10/21 14:30:00	10.35	13.92					10.20177473	98.97578371			-0.15	-1.43	Excellent
1903	05/10/21 15:00:00	10.38	13.94					10.23112222	99.30417325			-0.15	-1.43	Excellent
1904	05/10/21 15:30:00	10.32	13.98					10.17176121	98.8148463			-0.15	-1.44	Excellent
1905	05/10/21 16:00:00	10.32	13.98					10.17153963	98.81269372			-0.15	-1.44	Excellent
1906	05/10/21 16:30:00	10.42	14.00					10.26987733	99.81185068			-0.15	-1.44	Excellent
1907	05/10/21 17:00:00	10.43	13.98					10.27950932	99.86157876			-0.15	-1.44	Excellent
1908	05/10/21 17:30:00	10.47	13.94					10.31870737	100.1542824			-0.15	-1.45	Excellent
1909	05/10/21 18:00:00	10.52	13.94					10.36775899	100.6303817			-0.15	-1.45	Excellent
1910	05/10/21 18:30:00	10.44	13.94					10.28869256	99.86295597			-0.15	-1.45	Excellent
1911	05/10/21 19:00:00	10.48	13.94					10.32788782	100.2433886			-0.15	-1.45	Excellent
1912	05/10/21 19:30:00	10.59	13.94					10.43606384	101.2933547			-0.15	-1.45	Excellent
1913	05/10/21 20:00:00	10.61	13.94					10.45554532	101.4824435			-0.15	-1.46	Excellent
1914	05/10/21 20:30:00	10.57	13.94					10.41590067	101.0976491			-0.15	-1.46	Excellent
1915	05/10/21 21:00:00	10.49	13.94					10.33684175	100.3302963			-0.15	-1.46	Excellent
1916	05/10/21 21:30:00	10.49	13.94					10.33661652	100.3281102			-0.15	-1.46	Excellent
1917	05/10/21 22:00:00	10.53	13.94					10.37580555	100.7084824			-0.15	-1.46	Excellent
1918	05/10/21 22:30:00	10.50	13.94					10.34601941	100.4193754			-0.15	-1.47	Excellent
1919	05/10/21 23:00:00	10.51	13.92					10.3556471	100.4686258			-0.15	-1.47	Excellent
1920	05/10/21 23:30:00	10.53	13.90				9.586	10.37512728	100.6133431		9.525	-0.15	-1.47	Excellent
1921	05/11/21 00:00:00	10.54	13.88	10.38	11.99	11.19563		10.3847539	100.6623848	11.012		-0.16	-1.47	Excellent
1922	05/11/21 00:30:00	10.60	13.88					10.44364256	101.2332093			-0.16	-1.48	Excellent
1923	05/11/21 01:00:00	10.57	13.86					10.41385813	100.9000674			-0.16	-1.48	Excellent
1924	05/11/21 01:30:00	10.54	13.86					10.38407499	100.611498			-0.16	-1.48	Excellent
1925	05/11/21 02:00:00	10.56	13.84					10.40355238	100.75583			-0.16	-1.48	Excellent
1926	05/11/21 02:30:00	10.50	13.84					10.34421584	100.1811703			-0.16	-1.48	Excellent
1927	05/11/21 03:00:00	10.59	13.82					10.43265317	100.9931591			-0.16	-1.49	Excellent
1928	05/11/21 03:30:00	10.58	13.78					10.42257459	100.8066823			-0.16	-1.49	Excellent
1929	05/11/21 04:00:00	10.59	13.76					10.43219842	100.8552731			-0.16	-1.49	Excellent
1930	05/11/21 04:30:00	10.57	13.74					10.41226949	100.618205			-0.16	-1.49	Excellent
1931	05/11/21 05:00:00	10.55	13.72					10.39234142	100.3813194			-0.16	-1.49	Excellent
1932	05/11/21 05:30:00	10.54	13.68					10.38226455	100.1954594			-0.16	-1.50	Excellent
1933	05/11/21 06:00:00	10.43	13.66					10.2736868	99.10382114			-0.16	-1.50	Excellent
1934	05/11/21 06:30:00	10.39	13.62					10.2340632	98.6343593			-0.16	-1.50	Excellent
1935	05/11/21 07:00:00	10.39	13.58					10.23384011	98.54498986			-0.16	-1.50	Excellent
1936	05/11/21 07:30:00	10.41	13.56					10.253316	98.68884305			-0.16	-1.51	Excellent
1937	05/11/21 08:00:00	10.38	13.54					10.22354467	98.35873647			-0.16	-1.51	Excellent
1938	05/11/21 08:30:00	10.53	13.54					10.37105767	99.77793033			-0.16	-1.51	Excellent
1939	05/11/21 09:00:00	10.46	13.54					10.30188968	99.11247854			-0.16	-1.51	Excellent
1940	05/11/21 09:30:00	10.57	13.58					10.41	100.241291			-0.16	-1.51	Excellent
1941	05/11/21 10:00:00	10.77	13.66					10.58	101.1924232			-0.19	-1.76	Excellent
1942	05/11/21 10:30:00	10.90	13.68					10.70793731	102.4613193			-0.19	-1.76	Excellent
1943	05/11/21 11:00:00	11.13	13.70					10.93412019	104.6718008			-0.20	-1.76	Excellent
1944	05/11/21 11:30:00	11.34	13.72					11.14066437	106.6961148			-0.20	-1.76	Excellent
1945	05/11/21 12:00:00	11.36	13.74					11.16055325	106.9337592			-0.20	-1.76	Excellent
1946	05/11/21 12:30:00	11.46	13.78					11.25904013	107.9725772			-0.20	-1.75	Excellent
1947	05/11/21 13:00:00	11.68	13.82					11.47542948	110.1447429			-0.20	-1.75	Excellent
1948	05/11/21 13:30:00	11.73	13.84					11.52480203	110.6673629			-0.21	-1.75	Excellent
1949	05/11/21 14:00:00	11.76	13.86					11.55452614	111.0016469			-0.21	-1.75	Excellent
1950	05/11/21 14:30:00	11.82	13.90					11.61372799	111.6686137			-0.21	-1.75	Excellent
1951	05/11/21 15:00:00	11.84	13.92					11.63362958	111.9091772			-0.21	-1.74	Excellent
1952	05/11/21 15:30:00	11.89	13.94					11.68300975	112.4336061			-0.21	-1.74	Excellent
1953	05/11/21 16:00:00	11.97	13.96					11.76187041	113.242293			-0.21	-1.74	Excellent
1954	05/11/21 16:30:00	11.95	13.98					11.7424711	113.1051973			-0.21	-1.74	Excellent
1955	05/11/21 17:00:00	11.99	13.96					11.78203023	113.43639			-0.21	-1.73	Excellent
1956	05/11/21 17:30:00	11.86	13.96					11.65453614	112.2088877			-0.21	-1.73	Excellent
1957	05/11/21 18:00:00	11.91	14.00					11.70392203	112.7834077			-0.21	-1.73	Excellent
1958	05/11/21 18:30:00	11.98	14.00					11.7729644	113.448726			-0.21	-1.73	Excellent
1959	05/11/21 19:00:00	11.96	14.02					11.75356318	113.3115039			-0.21	-1.73	Excellent
1960	05/11/21 19:30:00	11.92	14.02					11.71450591	112.934968			-0.21	-1.72	Excellent
1961	05/11/21 20:00:00	11.83	13.98					11.62630785	111.9862959			-0.20	-1.72	Excellent
1962	05/11/21 20:30:00	11.76	13.96					11.55776205	111.2771549			-0.20	-1.72	Excellent
1963	05/11/21 21:00:00	11.56	13.96					11.36144615	109.3870421			-0.20	-1.72	Excellent

1964	05/11/21 21:30:00	11.60	13.94					11.40100464	109.7196777			-0.20	-1.72	Excellent
1965	05/11/21 22:00:00	11.65	13.90					11.45039349	110.0981157			-0.20	-1.71	Excellent
1966	05/11/21 22:30:00	11.71	13.88					11.50961333	110.6188516			-0.20	-1.71	Excellent
1967	05/11/21 23:00:00	11.86	13.86					11.6572975	111.9889474			-0.20	-1.71	Excellent
1968	05/11/21 23:30:00	11.91	13.86				9.816	11.70669503	112.463498		9.694	-0.20	-1.71	Excellent
1969	05/12/21 00:00:00	11.86	13.84	11.63	12.06	11.90542		11.65779956	111.9444769	11.708		-0.20	-1.70	Excellent
1970	05/12/21 00:30:00	11.77	13.80					11.56958309	110.9995469			-0.20	-1.70	Excellent
1971	05/12/21 01:00:00	11.63	13.78					11.43221315	109.6332816			-0.20	-1.70	Excellent
1972	05/12/21 01:30:00	11.85	13.76					11.64872251	111.6603382			-0.20	-1.70	Excellent
1973	05/12/21 02:00:00	11.86	13.74					11.65880369	111.7076974			-0.20	-1.70	Excellent
1974	05/12/21 02:30:00	11.95	13.74					11.74752984	112.5578185			-0.20	-1.69	Excellent
1975	05/12/21 03:00:00	11.97	13.72					11.76744434	112.6988976			-0.20	-1.69	Excellent
1976	05/12/21 03:30:00	11.91	13.72					11.70871175	112.1364051			-0.20	-1.69	Excellent
1977	05/12/21 04:00:00	11.90	13.70					11.69913264	111.9952278			-0.20	-1.69	Excellent
1978	05/12/21 04:30:00	11.93	13.70					11.72887876	112.279986			-0.20	-1.69	Excellent
1979	05/12/21 05:00:00	11.87	13.70					11.67014151	111.7176972			-0.20	-1.68	Excellent
1980	05/12/21 05:30:00	11.91	13.70					11.70972011	112.0965812			-0.20	-1.68	Excellent
1981	05/12/21 06:00:00	11.82	13.70					11.62148375	111.2518988			-0.20	-1.68	Excellent
1982	05/12/21 06:30:00	11.81	13.70					11.61190167	111.16017			-0.20	-1.68	Excellent
1983	05/12/21 07:00:00	11.89	13.68					11.69081144	111.8661727			-0.20	-1.68	Excellent
1984	05/12/21 07:30:00	11.98	13.68					11.77955727	112.7153573			-0.20	-1.67	Excellent
1985	05/12/21 08:00:00	12.01	13.66					11.80930954	112.9501558			-0.20	-1.67	Excellent
1986	05/12/21 08:30:00	12.06	13.64					11.85872929	113.3727342			-0.20	-1.67	Excellent
1987	05/12/21 09:00:00	11.90	13.62					11.70165143	111.8215977			-0.20	-1.67	Excellent
1988	05/12/21 09:30:00	11.97	13.56					11.77073803	112.3326593			-0.20	-1.66	Excellent
1989	05/12/21 10:00:00	11.96	13.52					11.76115765	112.1419117			-0.20	-1.66	Excellent
1990	05/12/21 10:30:00	11.95	13.48					11.75157684	111.9513405			-0.20	-1.66	Excellent
1991	05/12/21 11:00:00	12.00	13.46					11.80100061	112.3723649			-0.20	-1.66	Excellent
1992	05/12/21 11:30:00	11.91	13.46					11.7127452	111.5319726			-0.20	-1.66	Excellent
1993	05/12/21 12:00:00	11.93	13.44					11.73266647	111.6721505			-0.20	-1.65	Excellent
1994	05/12/21 12:30:00	11.93	13.40					11.73291898	111.5755299			-0.20	-1.65	Excellent
1995	05/12/21 13:00:00	11.82	13.38					11.62498635	110.5000826			-0.20	-1.65	Excellent
1996	05/12/21 13:30:00	11.87	13.36					11.67441266	110.9206457			-0.20	-1.65	Excellent
1997	05/12/21 14:00:00	11.84	13.32					11.64515759	110.5444419			-0.19	-1.65	Excellent
1998	05/12/21 14:30:00	11.87	13.32					11.67491515	110.8269226			-0.20	-1.64	Excellent
1999	05/12/21 15:00:00	11.85	13.30					11.65549467	110.5934093			-0.19	-1.64	Excellent
2000	05/12/21 15:30:00	11.88	13.32					11.68525371	110.9250638			-0.19	-1.64	Excellent
2001	05/12/21 16:00:00	11.91	13.32					11.71501401	111.2075706			-0.19	-1.64	Excellent
2002	05/12/21 16:30:00	11.92	13.32					11.7251026	111.303339			-0.19	-1.64	Excellent
2003	05/12/21 17:00:00	11.92	13.32					11.7253549	111.305734			-0.19	-1.63	Excellent
2004	05/12/21 17:30:00	11.91	13.28					11.71577029	111.1159264			-0.19	-1.63	Excellent
2005	05/12/21 18:00:00	11.93	13.28					11.73569664	111.304914			-0.19	-1.63	Excellent
2006	05/12/21 18:30:00	11.99	13.28					11.7949732	111.867111			-0.20	-1.63	Excellent
2007	05/12/21 19:00:00	11.91	13.28					11.71652656	111.1230991			-0.19	-1.62	Excellent
2008	05/12/21 19:30:00	11.89	13.30					11.69710312	110.9882119			-0.19	-1.62	Excellent
2009	05/12/21 20:00:00	11.94	13.28					11.74654467	111.4078001			-0.19	-1.62	Excellent
2010	05/12/21 20:30:00	11.93	13.28					11.73695921	111.3168886			-0.19	-1.62	Excellent
2011	05/12/21 21:00:00	11.89	13.26					11.69785812	110.8967129			-0.19	-1.62	Excellent
2012	05/12/21 21:30:00	11.94	13.28					11.74730285	111.4149908			-0.19	-1.61	Excellent
2013	05/12/21 22:00:00	11.90	13.30					11.70820028	111.0935076			-0.19	-1.61	Excellent
2014	05/12/21 22:30:00	11.93	13.30					11.73796926	111.3759712			-0.19	-1.61	Excellent
2015	05/12/21 23:00:00	11.96	13.32					11.76773952	111.7080801			-0.19	-1.61	Excellent
2016	05/12/21 23:30:00	11.93	13.32				10.212	11.73847429	111.4302729		10.073	-0.19	-1.61	Excellent
2017	05/13/21 00:00:00	11.97	13.30	11.94	12.43	12.10271		11.77808549	111.7566149	11.915		-0.19	-1.60	Excellent
2018	05/13/21 00:30:00	11.94	13.28					11.7488192	111.4293724			-0.19	-1.60	Excellent
2019	05/13/21 01:00:00	11.95	13.26					11.75891202	111.4755092			-0.19	-1.60	Excellent
2020	05/13/21 01:30:00	11.95	13.24					11.75916496	111.4283241			-0.19	-1.60	Excellent
2021	05/13/21 02:00:00	11.97	13.20					11.77909893	111.5178961			-0.19	-1.59	Excellent
2022	05/13/21 02:30:00	11.95	13.16					11.75967083	111.2348246			-0.19	-1.59	Excellent
2023	05/13/21 03:00:00	11.98	13.14					11.78944659	111.4667868			-0.19	-1.59	Excellent
2024	05/13/21 03:30:00	11.99	13.08					11.79954131	111.4130702			-0.19	-1.59	Excellent
2025	05/13/21 04:00:00	12.00	13.02					11.80963646	111.3591452			-0.19	-1.59	Excellent
2026	05/13/21 04:30:00	12.00	12.98					11.80989046	111.2620653			-0.19	-1.58	Excellent
2027	05/13/21 05:00:00	12.07	12.90					11.87903696	111.7134439			-0.19	-1.58	Excellent
2028	05/13/21 05:30:00	12.02	12.84					11.83008245	111.1036893			-0.19	-1.58	Excellent
2029	05/13/21 06:00:00	12.09	12.78					11.89923234	111.6029155			-0.19	-1.58	Excellent
2030	05/13/21 06:30:00	12.12	12.72					11.9290155	111.7317161			-0.19	-1.58	Excellent
2031	05/13/21 07:00:00	12.10	12.66					11.90958677	111.3994924			-0.19	-1.57	Excellent
2032	05/13/21 07:30:00	12.13	12.62					11.93937142	111.5777004			-0.19	-1.57	Excellent
2033	05/13/21 08:00:00	12.13	12.58					11.93962817	111.4797267			-0.19	-1.57	Excellent
2034	05/13/21 08:30:00	12.12	12.54					11.93004165	111.2899449			-0.19	-1.57	Excellent
2035	05/13/21 09:00:00	12.15	12.52					11.95982862	111.5175598			-0.19	-1.57	Excellent
2036	05/13/21 09:30:00	12.15	12.48					11.96008579	111.4194619			-0.19	-1.56	Excellent
2037	05/13/21 10:00:00	12.16	12.48					11.97018687	111.5135629			-0.19	-1.56	Excellent
2038	05/13/21 10:30:00	12.16	12.48					11.97044425	111.5159607			-0.19	-1.56	Excellent
2039	05/13/21 11:00:00	12.17	12.50					11.98054596	111.660399			-0.19	-1.56	Excellent
2040	05/13/21 11:30:00	12.20	12.52					12.01033717	111.9885189			-0.19	-1.55	Excellent
2041	05/13/21 12:00:00	12.10	12.52					11.91214789	111.0729683			-0.19	-1.55	Excellent
2042	05/13/21 12:30:00	12.12	12.52					11.93209393	111.258952			-0.19	-1.55	Excellent
2043	05/13/21 13:00:00	12.08	12.52					11.89296977	110.8941449			-0.19	-1.55	Excellent
2044	05/13/21 13:30:00	12.06	12.54					11.87353469	110.7628171			-0.19	-1.55	Excellent
2045	05/13/21 14:00:00	12.11	12.54					11.92301794	111.2244239			-0.19	-1.54	Excellent
2046	05/13/21 14:30:00	12.13	12.54					11.94296588	111.4105092			-0.19	-1.54	Excellent
2047	05/13/21 15:00:00	12.08	12.56					11.89399253	111.0036415			-0.19	-1.54	Excellent
2048	05/13/21 15:30:00	12.14	12.54					11.95332561	111.5071504			-0.19	-1.54	Excellent
2049	05/13/21 16:00:00	12.12	12.54					11.93388968	111.3258414			-0.19	-1.54	Excellent
2050	05/13/21 16:30:00	12.03	12.56					11.84552632	110.5513186			-0.18	-1.53	Excellent
2051	05/13/21 17:00:00	12.14	12.60					11.95409648	111.6650616			-0.19	-1.53	Excellent
2052	05/13/21 17:30:00	12.15	12.58					11.96420052	111.7091576			-0.19	-1.53	Excellent
2053	05/13/21 18:00:00	12.11	12.58					11.92506853	111.3437841			-0.18	-1.53	Excellent
2054	05/13/21 18:30:00	12.10	12.60					11.91547735	111.3043143			-0.18	-1.52	Excellent
2055	05/13/21 19:00:00	12.12	12.60					11.93542889	111.4906847			-0.18	-1.52	Excellent
2056	05/13/21 19:30:00	12.13	12.60					11.94553335	111.5850721			-0.18	-1.52	Excellent
2057	05/13/21 20:00:00	12.04	12.58					11.85715687	110.7096962			-0.18	-1.52	Excellent
2058	05/13/21 20:30:00	12.13	12.58					11.94604685	111.5396576			-0.18	-1.52	Excellent
2059	05/13/21 21:00:00	12.11	12.58					11.92660647	111.3581438			-0.18	-1.51	Excellent
2060	05/13/21 21:30:00	12.31	12.60					12.12383824	113.2506455			-0.19	-1.51	Excellent
2061	05/13/21 22:00:00	12.10	12.60					11.91727014	111.321061			-0.18	-1.51	Excellent
2062	05/13/21 22:30:00	12.29	12.60					12.10466096	113.0715076			-0.19	-1.51	Excellent
2063	05/13/21 23:00:00	12.43	12.62					12.24281279	114.4134687			-0.19	-1.51	Excellent
2064	05/13/21 23:30:00	12.33	12.64				10.640	12.1445797	113.5465008		10.488	-0.19	-1.50	Excellent
2065	05/14/21 00:00:00	12.40	12.66	11.57	12.40	11.94271		12.21378949	114.2449336	11.769		-0.19	-1.50	Excellent
2066	05/14/21 00:30:00	12.28	12.68					12.09585145	113.1926293			-0.18	-1.50	Excellent
2067	05/14/21 01:00:00	12.38	12.70					12.19461391	114.1681264			-0.19	-1.50	Excellent
2068	05/14/21 01:30:00	12.30	12.74					12.11607223	113.5347213			-0.18	-1.50	Excellent
2069	05/14/21 02:00:00	12.36	12.78					12.17543663	114.193436			-0.18	-1.49	Excellent
2070	05/14/21 02:30:00	12.36	12.82					12.17569825	114.298347			-0.18	-1.49	Excellent
2071	05/14/21 03:00:00	12.30	12.84					12.11685326	113.7969331			-0.18	-1.49	Excellent
2072	05/14/21 03:30:00	12.25	12.86					12.06785705	113.3875663			-0.18	-1.49	Excellent
2073	05/14/21 04:00:00	12.38	12.88					12.19618614	114.6446572			-0.18	-1.48	Excellent
2074	05/14/21 04:30:00	12.35	12.90					12.16689298	114.4205141			-0.18	-1.48	Excellent
2075	05/14/21 05:00:00	12.27	12.90					12.08833881	113.681771			-0.18	-1.48	Excellent
2076	05/14/21 05:30:00	12.25	12.90					12.0688942	113.498909			-0.18	-1.48	Excellent
2077	05/14/21 06:00:00	11.82	12.92					11.64550157	109.5662424			-0.17	-1.48	Excellent
2078	05/14/21 06:30:00	11.57	12.86					11.39943721	107.1072052			-0.17	-1.47	Excellent
2079	05/14/21 07:00:00	11.63	12.86					11.45879886	107.6649574			-0.17	-1.47	Excellent

2080	05/14/21 07:30:00	11.62	12.84					11.44919202	107.5265096			-0.17	-1.47	Excellent
2081	05/14/21 08:00:00	11.74	12.84					11.56767658	108.639272			-0.17	-1.47	Excellent
2082	05/14/21 08:30:00	11.80	12.84					11.62704564	109.1968439			-0.17	-1.47	Excellent
2083	05/14/21 09:00:00	11.73	12.86					11.55831992	108.6000406			-0.17	-1.46	Excellent
2084	05/14/21 09:30:00	11.81	12.84					11.63739901	109.2940789			-0.17	-1.46	Excellent
2085	05/14/21 10:00:00	11.94	12.86					11.76575181	110.549036			-0.17	-1.46	Excellent
2086	05/14/21 10:30:00	12.09	12.88					11.91381867	111.9903912			-0.18	-1.46	Excellent
2087	05/14/21 11:00:00	12.02	12.92					11.84509316	111.444092			-0.17	-1.46	Excellent
2088	05/14/21 11:30:00	12.03	12.98					11.85520228	111.6889522			-0.17	-1.45	Excellent
2089	05/14/21 12:00:00	12.16	13.02					11.98357074	112.9992611			-0.18	-1.45	Excellent
2090	05/14/21 12:30:00	12.18	13.04					12.00353837	113.2381064			-0.18	-1.45	Excellent
2091	05/14/21 13:00:00	12.19	13.04					12.0136515	113.333511			-0.18	-1.45	Excellent
2092	05/14/21 13:30:00	11.91	13.06					11.73795426	110.7821047			-0.17	-1.44	Excellent
2093	05/14/21 14:00:00	11.78	13.06					11.61008151	109.5752495			-0.17	-1.44	Excellent
2094	05/14/21 14:30:00	11.71	13.06					11.54133907	108.9264624			-0.17	-1.44	Excellent
2095	05/14/21 15:00:00	11.82	13.08					11.65000491	110.0011246			-0.17	-1.44	Excellent
2096	05/14/21 15:30:00	11.74	13.12					11.57140396	109.3564753			-0.17	-1.44	Excellent
2097	05/14/21 16:00:00	11.76	13.16					11.59136566	109.6428246			-0.17	-1.43	Excellent
2098	05/14/21 16:30:00	11.76	13.22					11.59161457	109.7917666			-0.17	-1.43	Excellent
2099	05/14/21 17:00:00	11.74	13.26					11.57214944	109.7049837			-0.17	-1.43	Excellent
2100	05/14/21 17:30:00	11.78	13.26					11.61182688	110.0811293			-0.17	-1.43	Excellent
2101	05/14/21 18:00:00	11.71	13.28					11.54307407	109.478023			-0.17	-1.43	Excellent
2102	05/14/21 18:30:00	11.73	13.30					11.56303725	109.7161251			-0.17	-1.42	Excellent
2103	05/14/21 19:00:00	11.76	13.32					11.59285915	110.0479864			-0.17	-1.42	Excellent
2104	05/14/21 19:30:00	11.72	13.32					11.55367573	109.6760284			-0.17	-1.42	Excellent
2105	05/14/21 20:00:00	11.79	13.30					11.62293187	110.2844365			-0.17	-1.42	Excellent
2106	05/14/21 20:30:00	11.78	13.30					11.61332292	110.1932617			-0.17	-1.41	Excellent
2107	05/14/21 21:00:00	11.70	13.30					11.5347025	109.4472702			-0.17	-1.41	Excellent
2108	05/14/21 21:30:00	11.77	13.30					11.60396266	110.1044467			-0.17	-1.41	Excellent
2109	05/14/21 22:00:00	11.77	13.28					11.60421179	110.0578718			-0.17	-1.41	Excellent
2110	05/14/21 22:30:00	11.78	13.30					11.61432027	110.2027251			-0.17	-1.41	Excellent
2111	05/14/21 23:00:00	11.75	13.32					11.58499091	109.9732953			-0.17	-1.40	Excellent
2112	05/14/21 23:30:00	11.78	13.32				10.980	11.61481895	110.2564451		10.818	-0.17	-1.40	Excellent
2113	05/15/21 00:00:00	11.72	13.34	10.51	11.73	11.09125		11.55590835	109.7459664	10.941		-0.16	-1.40	Excellent
2114	05/15/21 00:30:00	11.73	13.34					11.56601662	109.8419642			-0.16	-1.40	Excellent
2115	05/15/21 01:00:00	11.73	13.36					11.5662649	109.8931148			-0.16	-1.40	Excellent
2116	05/15/21 01:30:00	11.71	13.42					11.54679193	109.8542577			-0.16	-1.39	Excellent
2117	05/15/21 02:00:00	11.68	13.44					11.51745728	109.6237778			-0.16	-1.39	Excellent
2118	05/15/21 02:30:00	11.65	13.48					11.48812136	109.4415331			-0.16	-1.39	Excellent
2119	05/15/21 03:00:00	11.62	13.50					11.45878416	109.2104236			-0.16	-1.39	Excellent
2120	05/15/21 03:30:00	11.48	13.52					11.32096951	107.944745			-0.16	-1.39	Excellent
2121	05/15/21 04:00:00	11.43	13.54					11.27190408	107.5245004			-0.16	-1.38	Excellent
2122	05/15/21 04:30:00	11.45	13.58					11.2918698	107.8103208			-0.16	-1.38	Excellent
2123	05/15/21 05:00:00	11.39	13.60					11.23293952	107.2951176			-0.16	-1.38	Excellent
2124	05/15/21 05:30:00	11.66	13.64					11.4994632	109.938051			-0.16	-1.38	Excellent
2125	05/15/21 06:00:00	11.61	13.70					11.45039735	109.614097			-0.16	-1.37	Excellent
2126	05/15/21 06:30:00	11.61	13.74					11.45064309	109.7132268			-0.16	-1.37	Excellent
2127	05/15/21 07:00:00	11.62	13.76					11.46075178	109.8585204			-0.16	-1.37	Excellent
2128	05/15/21 07:30:00	11.53	13.80					11.37222925	109.1061176			-0.16	-1.37	Excellent
2129	05/15/21 08:00:00	11.53	13.82					11.3724733	109.1565374			-0.16	-1.37	Excellent
2130	05/15/21 08:30:00	11.08	13.84					10.92885587	104.9447665			-0.15	-1.36	Excellent
2131	05/15/21 09:00:00	11.09	13.88					10.93895419	105.1342487			-0.15	-1.36	Excellent
2132	05/15/21 09:30:00	11.10	13.92					10.94905294	105.3239229			-0.15	-1.36	Excellent
2133	05/15/21 10:00:00	11.12	13.98					10.96901633	105.655168			-0.15	-1.36	Excellent
2134	05/15/21 10:30:00	11.08	14.06					10.92979396	105.4623789			-0.15	-1.36	Excellent
2135	05/15/21 11:00:00	11.33	14.10					11.17664465	107.9388777			-0.15	-1.35	Excellent
2136	05/15/21 11:30:00	11.52	14.16					11.36431677	109.8956724			-0.16	-1.35	Excellent
2137	05/15/21 12:00:00	11.49	14.22					11.3349654	109.7558481			-0.16	-1.35	Excellent
2138	05/15/21 12:30:00	11.30	14.26					11.14776825	108.0376712			-0.15	-1.35	Excellent
2139	05/15/21 13:00:00	11.28	14.28					11.12827644	107.8959133			-0.15	-1.35	Excellent
2140	05/15/21 13:30:00	11.24	14.30					11.08905237	107.5625938			-0.15	-1.34	Excellent
2141	05/15/21 14:00:00	10.72	14.34					10.57626262	102.678223			-0.14	-1.34	Excellent
2142	05/15/21 14:30:00	10.63	14.36					10.48769437	101.8628177			-0.14	-1.34	Excellent
2143	05/15/21 15:00:00	10.63	14.38					10.48791936	101.9094555			-0.14	-1.34	Excellent
2144	05/15/21 15:30:00	10.63	14.46					10.48814436	102.089496			-0.14	-1.33	Excellent
2145	05/15/21 16:00:00	10.60	14.50					10.45876907	101.8922648			-0.14	-1.33	Excellent
2146	05/15/21 16:30:00	10.61	14.52					10.46886041	102.0349772			-0.14	-1.33	Excellent
2147	05/15/21 17:00:00	10.61	14.54					10.46908498	102.0815708			-0.14	-1.33	Excellent
2148	05/15/21 17:30:00	10.60	14.56					10.45944216	102.0319137			-0.14	-1.33	Excellent
2149	05/15/21 18:00:00	10.59	14.60					10.44979891	102.0265095			-0.14	-1.32	Excellent
2150	05/15/21 18:30:00	10.58	14.60					10.44015524	101.9323536			-0.14	-1.32	Excellent
2151	05/15/21 19:00:00	10.58	14.60					10.44037918	101.93454			-0.14	-1.32	Excellent
2152	05/15/21 19:30:00	10.57	14.62					10.43073487	101.8846359			-0.14	-1.32	Excellent
2153	05/15/21 20:00:00	10.56	14.66					10.42109015	101.8788747			-0.14	-1.32	Excellent
2154	05/15/21 20:30:00	10.54	14.68					10.40157633	101.7322493			-0.14	-1.31	Excellent
2155	05/15/21 21:00:00	10.53	14.68					10.39193054	101.6379091			-0.14	-1.31	Excellent
2156	05/15/21 21:30:00	10.53	14.70					10.39215342	101.6841989			-0.14	-1.31	Excellent
2157	05/15/21 22:00:00	10.51	14.72					10.37263769	101.5372743			-0.14	-1.31	Excellent
2158	05/15/21 22:30:00	10.51	14.74					10.37286015	101.583488			-0.14	-1.30	Excellent
2159	05/15/21 23:00:00	10.54	14.76					10.40269179	101.9198017			-0.14	-1.30	Excellent
2160	05/15/21 23:30:00	10.53	14.76				11.187	10.39304494	101.8252872		11.020	-0.14	-1.30	Excellent
2161	05/16/21 00:00:00	10.52	14.78	10.32	10.56	10.41583		10.38339767	101.7748572	10.286		-0.14	-1.30	Excellent
2162	05/16/21 00:30:00	10.56	14.76					10.42310179	102.1197675			-0.14	-1.30	Excellent
2163	05/16/21 01:00:00	10.51	14.74					10.37397244	101.5943808			-0.14	-1.29	Excellent
2164	05/16/21 01:30:00	10.49	14.72					10.35445333	101.3592684			-0.14	-1.29	Excellent
2165	05/16/21 02:00:00	10.46	14.72					10.32506237	101.0715617			-0.13	-1.29	Excellent
2166	05/16/21 02:30:00	10.46	14.70					10.32528377	101.0298989			-0.13	-1.29	Excellent
2167	05/16/21 03:00:00	10.47	14.70					10.33537659	101.1286542			-0.13	-1.29	Excellent
2168	05/16/21 03:30:00	10.45	14.68					10.31585494	100.8938544			-0.13	-1.28	Excellent
2169	05/16/21 04:00:00	10.46	14.66					10.32594797	100.9487438			-0.13	-1.28	Excellent
2170	05/16/21 04:30:00	10.44	14.64					10.30642526	100.7141472			-0.13	-1.28	Excellent
2171	05/16/21 05:00:00	10.44	14.64					10.30664624	100.7163065			-0.13	-1.28	Excellent
2172	05/16/21 05:30:00	10.42	14.64					10.28712226	100.5255187			-0.13	-1.28	Excellent
2173	05/16/21 06:00:00	10.41	14.64					10.27747012	100.4311982			-0.13	-1.27	Excellent
2174	05/16/21 06:30:00	10.41	14.64					10.27769046	100.4333514			-0.13	-1.27	Excellent
2175	05/16/21 07:00:00	10.41	14.62					10.2779108	100.3918911			-0.13	-1.27	Excellent
2176	05/16/21 07:30:00	10.41	14.60					10.27813114	100.3504329			-0.13	-1.27	Excellent
2177	05/16/21 08:00:00	10.41	14.58					10.27835148	100.3089768			-0.13	-1.26	Excellent
2178	05/16/21 08:30:00	10.42	14.60					10.28844557	100.4511378			-0.13	-1.26	Excellent
2179	05/16/21 09:00:00	10.42	14.60					10.28866613	100.4532911			-0.13	-1.26	Excellent
2180	05/16/21 09:30:00	10.42	14.62					10.28888668	100.4991006			-0.13	-1.26	Excellent
2181	05/16/21 10:00:00	10.41	14.68					10.27923285	100.5356733			-0.13	-1.26	Excellent
2182	05/16/21 10:30:00	10.43	14.72					10.29920238	100.8184194			-0.13	-1.25	Excellent
2183	05/16/21 11:00:00	10.42	14.80					10.28954834	100.898669			-0.13	-1.25	Excellent
2184	05/16/21 11:30:00	10.40	14.86					10.27001885	100.8380204			-0.13	-1.25	Excellent
2185	05/16/21 12:00:00	10.41	14.94					10.28011421	101.1118443			-0.13	-1.25	Excellent
2186	05/16/21 12:30:00	10.41	14.98					10.28033455	101.2013869			-0.13	-1.25	Excellent
2187	05/16/21 13:00:00	10.41	15.06					10.2805549	101.3783569			-0.13	-1.24	Excellent
2188	05/16/21 13:30:00	10.40	15.12					10.27089937	101.41416			-0.13	-1.24	Excellent
2189	05/16/21 14:00:00	10.42	15.22					10.29087165	101.8302295			-0.13	-1.24	Excellent
2190	05/16/21 14:30:00	10.40	15.26					10.27133963	101.7243627			-0.13	-1.24	Excellent
2191	05/16/21 15:00:00	10.39	15.28					10.26168326	101.6723966			-0.13	-1.24	Excellent
2192	05/16/21 15:30:00	10.40	15.30					10.27177989	101.8161483			-0.13	-1.23	Excellent
2193	05/16/21 16:00:00	10.40	15.34					10.27200002	101.9057729			-0.13	-1.23	Excellent
2194	05/16/21 16:30:00	10.39	15.40					10.26234301	101.9410374			-0.13	-1.23	Excellent
2195	05/16/21 17:00:00	10.39	15.44					10.26256293	102.0306222			-0.13	-1.23	Excellent

2196	05/16/21 17:30:00	10.39	15.48					10.26278285	102.1202259			-0.13	-1.22	Excellent
2197	05/16/21 18:00:00	10.42	15.52					10.29263608	102.5049683			-0.13	-1.22	Excellent
2198	05/16/21 18:30:00	10.40	15.56					10.27310067	102.3979495			-0.13	-1.22	Excellent
2199	05/16/21 19:00:00	10.40	15.58					10.2733208	102.443918			-0.13	-1.22	Excellent
2200	05/16/21 19:30:00	10.39	15.58					10.26366252	102.3476072			-0.13	-1.22	Excellent
2201	05/16/21 20:00:00	10.38	15.60					10.25400382	102.2949881			-0.13	-1.21	Excellent
2202	05/16/21 20:30:00	10.38	15.60					10.25422353	102.2971799			-0.13	-1.21	Excellent
2203	05/16/21 21:00:00	10.37	15.62					10.2445642	102.2444767			-0.13	-1.21	Excellent
2204	05/16/21 21:30:00	10.37	15.64					10.24478369	102.2903314			-0.13	-1.21	Excellent
2205	05/16/21 22:00:00	10.36	15.66					10.23512372	102.2375069			-0.12	-1.21	Excellent
2206	05/16/21 22:30:00	10.37	15.68					10.24522268	102.3820577			-0.12	-1.20	Excellent
2207	05/16/21 23:00:00	10.34	15.70					10.21580251	102.1316093			-0.12	-1.20	Excellent
2208	05/16/21 23:30:00	10.32	15.70				11.264	10.19626118	101.9362465		11.097	-0.12	-1.20	Excellent
2209	05/17/21 00:00:00	10.33	15.68	10.07	10.98	10.34875		10.20635992	101.9936963	10.230		-0.12	-1.20	Excellent
2210	05/17/21 00:30:00	10.36	15.66					10.23622014	102.2484588			-0.12	-1.19	Excellent
2211	05/17/21 01:00:00	10.32	15.66					10.19691649	101.8558591			-0.12	-1.19	Excellent
2212	05/17/21 01:30:00	10.27	15.64					10.1477302	101.3212886			-0.12	-1.19	Excellent
2213	05/17/21 02:00:00	10.24	15.62					10.11830411	100.9843551			-0.12	-1.19	Excellent
2214	05/17/21 02:30:00	10.23	15.62					10.10863948	100.8878986			-0.12	-1.19	Excellent
2215	05/17/21 03:00:00	10.21	15.60					10.08909285	100.6498194			-0.12	-1.18	Excellent
2216	05/17/21 03:30:00	10.20	15.60					10.07942717	100.5533936			-0.12	-1.18	Excellent
2217	05/17/21 04:00:00	10.19	15.60					10.06976106	100.4569635			-0.12	-1.18	Excellent
2218	05/17/21 04:30:00	10.17	15.60					10.05021232	100.2619432			-0.12	-1.18	Excellent
2219	05/17/21 05:00:00	10.13	15.60					10.01089788	99.86973832			-0.12	-1.18	Excellent
2220	05/17/21 05:30:00	10.12	15.60					10.00122965	99.77328714			-0.12	-1.17	Excellent
2221	05/17/21 06:00:00	10.09	15.58					9.971795306	99.43715388			-0.12	-1.17	Excellent
2222	05/17/21 06:30:00	10.10	15.56					9.981891935	99.49530328			-0.12	-1.17	Excellent
2223	05/17/21 07:00:00	10.07	15.52					9.952455896	99.1170939			-0.12	-1.17	Excellent
2224	05/17/21 07:30:00	10.09	15.50					9.97243601	99.27359576			-0.12	-1.17	Excellent
2225	05/17/21 08:00:00	10.10	15.46					9.982533274	99.28907448			-0.12	-1.16	Excellent
2226	05/17/21 08:30:00	10.09	15.44					9.972863145	99.15042063			-0.12	-1.16	Excellent
2227	05/17/21 09:00:00	10.10	15.42					9.982960833	99.20830069			-0.12	-1.16	Excellent
2228	05/17/21 09:30:00	10.09	15.42					9.973290281	99.11219704			-0.12	-1.16	Excellent
2229	05/17/21 10:00:00	10.11	15.42					9.993272935	99.31077992			-0.12	-1.15	Excellent
2230	05/17/21 10:30:00	10.13	15.46					10.01325644	99.59465567			-0.12	-1.15	Excellent
2231	05/17/21 11:00:00	10.16	15.46					10.04312575	99.89174423			-0.12	-1.15	Excellent
2232	05/17/21 11:30:00	10.15	15.46					10.03345562	99.79556242			-0.12	-1.15	Excellent
2233	05/17/21 12:00:00	10.18	15.48					10.06332663	100.1355289			-0.12	-1.15	Excellent
2234	05/17/21 12:30:00	10.17	15.50					10.0536565	100.0821294			-0.12	-1.14	Excellent
2235	05/17/21 13:00:00	10.18	15.50					10.06375757	100.1826836			-0.12	-1.14	Excellent
2236	05/17/21 13:30:00	10.17	15.50					10.05408702	100.0864152			-0.12	-1.14	Excellent
2237	05/17/21 14:00:00	10.20	15.54					10.08396099	100.469721			-0.12	-1.14	Excellent
2238	05/17/21 14:30:00	10.56	15.56					10.44008901	104.0624192			-0.12	-1.14	Excellent
2239	05/17/21 15:00:00	10.76	15.56					10.63804572	106.0355684			-0.12	-1.13	Excellent
2240	05/17/21 15:30:00	10.76	15.56					10.63827347	106.0378385			-0.12	-1.13	Excellent
2241	05/17/21 16:00:00	10.67	15.60					10.54951747	105.2430624			-0.12	-1.13	Excellent
2242	05/17/21 16:30:00	10.59	15.64					10.47064496	104.5454717			-0.12	-1.13	Excellent
2243	05/17/21 17:00:00	10.50	15.66					10.38188156	103.7034545			-0.12	-1.12	Excellent
2244	05/17/21 17:30:00	10.46	15.66					10.34255293	103.3106052			-0.12	-1.12	Excellent
2245	05/17/21 18:00:00	10.40	15.70					10.28344675	102.8078768			-0.12	-1.12	Excellent
2246	05/17/21 18:30:00	10.39	15.70					10.27377874	102.7112216			-0.12	-1.12	Excellent
2247	05/17/21 19:00:00	10.35	15.70					10.23444525	102.3179884			-0.12	-1.12	Excellent
2248	05/17/21 19:30:00	10.34	15.70					10.22477575	102.2213185			-0.12	-1.11	Excellent
2249	05/17/21 20:00:00	10.32	15.68					10.20521706	101.9822755			-0.11	-1.11	Excellent
2250	05/17/21 20:30:00	10.32	15.68					10.2054355	101.9844583			-0.11	-1.11	Excellent
2251	05/17/21 21:00:00	10.74	15.68					10.62100031	106.1372603			-0.12	-1.11	Excellent
2252	05/17/21 21:30:00	10.88	15.70					10.7596794	107.5689718			-0.12	-1.11	Excellent
2253	05/17/21 22:00:00	10.89	15.72					10.76979931	107.7160622			-0.12	-1.10	Excellent
2254	05/17/21 22:30:00	10.92	15.76					10.79969931	108.1072143			-0.12	-1.10	Excellent
2255	05/17/21 23:00:00	10.96	15.80					10.83949063	108.5979906			-0.12	-1.10	Excellent
2256	05/17/21 23:30:00	10.98	15.82				11.286	10.85950313	108.8448104		11.123	-0.12	-1.10	Excellent
2257	05/18/21 00:00:00	11.03	15.82	10.47	11.05	10.75604		10.90918789	109.3428007	10.671		-0.12	-1.10	Excellent
2258	05/18/21 00:30:00	11.04	15.82					10.91931203	109.4442751			-0.12	-1.09	Excellent
2259	05/18/21 01:00:00	10.97	15.82					10.85030946	108.7526622			-0.12	-1.09	Excellent
2260	05/18/21 01:30:00	10.91	15.80					10.79119503	108.1141297			-0.12	-1.09	Excellent
2261	05/18/21 02:00:00	10.89	15.80					10.77164332	107.9182463			-0.12	-1.09	Excellent
2262	05/18/21 02:30:00	10.83	15.80					10.71252465	107.325952			-0.12	-1.08	Excellent
2263	05/18/21 03:00:00	10.86	15.78					10.7424291	107.5797403			-0.12	-1.08	Excellent
2264	05/18/21 03:30:00	10.82	15.76					10.70309116	107.1401468			-0.12	-1.08	Excellent
2265	05/18/21 04:00:00	10.82	15.74					10.70332018	107.0967974			-0.12	-1.08	Excellent
2266	05/18/21 04:30:00	10.79	15.72					10.67387208	106.756629			-0.12	-1.08	Excellent
2267	05/18/21 05:00:00	10.66	15.68					10.54549684	105.3827427			-0.11	-1.07	Excellent
2268	05/18/21 05:30:00	10.56	15.66					10.4467945	104.3518626			-0.11	-1.07	Excellent
2269	05/18/21 06:00:00	10.50	15.66					10.38765996	103.7611743			-0.11	-1.07	Excellent
2270	05/18/21 06:30:00	10.48	15.64					10.36809576	103.5215563			-0.11	-1.07	Excellent
2271	05/18/21 07:00:00	10.47	15.64					10.35842415	103.4249889			-0.11	-1.07	Excellent
2272	05/18/21 07:30:00	10.47	15.64					10.35864576	103.4272016			-0.11	-1.06	Excellent
2273	05/18/21 08:00:00	10.49	15.64					10.37865508	103.6269872			-0.11	-1.06	Excellent
2274	05/18/21 08:30:00	10.50	15.64					10.38877119	103.7279927			-0.11	-1.06	Excellent
2275	05/18/21 09:00:00	10.50	15.66					10.38899343	103.7744942			-0.11	-1.06	Excellent
2276	05/18/21 09:30:00	10.51	15.68					10.39911017	103.9198786			-0.11	-1.06	Excellent
2277	05/18/21 10:00:00	10.52	15.72					10.40922733	104.1097375			-0.11	-1.05	Excellent
2278	05/18/21 10:30:00	10.53	15.78					10.41934491	104.3442232			-0.11	-1.05	Excellent
2279	05/18/21 11:00:00	10.54	15.84					10.42946292	104.5790063			-0.11	-1.05	Excellent
2280	05/18/21 11:30:00	10.51	15.88					10.40	104.3723125			-0.11	-1.05	Excellent
2281	05/18/21 12:00:00	10.51	15.96					10.42	105.0301667			-0.09	-0.86	Excellent
2282	05/18/21 12:30:00	10.60	15.96					10.5124089	105.9616179			-0.09	-0.83	Excellent
2283	05/18/21 13:00:00	10.62	15.96					10.53542923	106.1936552			-0.08	-0.80	Excellent
2284	05/18/21 13:30:00	10.64	16.00					10.55846155	106.516204			-0.08	-0.77	Excellent
2285	05/18/21 14:00:00	10.64	16.00					10.56165315	106.5484016			-0.08	-0.74	Excellent
2286	05/18/21 14:30:00	10.66	15.98					10.58470347	106.735629			-0.08	-0.71	Excellent
2287	05/18/21 15:00:00	10.71	15.98					10.63756289	107.2686608			-0.07	-0.68	Excellent
2288	05/18/21 15:30:00	10.73	16.00					10.66064621	107.5470665			-0.07	-0.65	Excellent
2289	05/18/21 16:00:00	10.74	16.04					10.67380316	107.7711904			-0.07	-0.62	Excellent
2290	05/18/21 16:30:00	10.82	16.06					10.75655566	108.6527823			-0.06	-0.59	Excellent
2291	05/18/21 17:00:00	10.86	16.08					10.7995787	109.1336064			-0.06	-0.56	Excellent
2292	05/18/21 17:30:00	10.85	16.06					10.79288892	109.0197873			-0.06	-0.53	Excellent
2293	05/18/21 18:00:00	10.88	16.06					10.82599459	109.3541902			-0.05	-0.50	Excellent
2294	05/18/21 18:30:00	10.90	16.06					10.8491649	109.5882353			-0.05	-0.47	Excellent
2295	05/18/21 19:00:00	10.91	16.04					10.86239084	109.6753214			-0.05	-0.44	Excellent
2296	05/18/21 19:30:00	10.93	16.04					10.88558215	109.9094793			-0.04	-0.41	Excellent
2297	05/18/21 20:00:00	10.95	16.04					10.90878545	110.1437582			-0.04	-0.38	Excellent
2298	05/18/21 20:30:00	10.96	16.06					10.9220354	110.3243057			-0.04	-0.35	Excellent
2299	05/18/21 21:00:00	11.00	16.10					10.96519642	110.854191			-0.03	-0.32	Excellent
2300	05/18/21 21:30:00	11.02	16.16					10.98843872	111.2303599			-0.03	-0.29	Excellent
2301	05/18/21 22:00:00	11.03	16.22					11.00171865	111.5061901			-0.03	-0.26	Excellent
2302	05/18/21 22:30:00	11.05	16.26					11.02498195	111.8364604			-0.03	-0.23	Excellent
2303	05/18/21 23:00:00	11.03	16.30					11.00833581	111.7619655			-0.02	-0.20	Excellent
2304	05/18/21 23:30:00	11.05	16.34				11.223	11.03161111	112.0928453		11.074	-0.02	-0.17	Excellent
2305	05/19/21 00:00:00	11.06	16.38	11.06	11.85	11.47125		11.04491204	112.3227045	11.538		-0.02	-0.14	Excellent
2306	05/19/21 00:30:00	11.07	16.42					11.05821897	112.5528689			-0.01	-0.11	Excellent
2307	05/19/21 01:00:00	11.09	16.42					11.08152427	112.790075			-0.01	-0.08	Excellent
2308	05/19/21 01:30:00	11.11	16.44					11.10484156	113.0750281			-0.01	-0.05	Excellent
2309	05/19/21 02:00:00	11.13	16.46					11.12817084	113.3603074			0.00	-0.02	Excellent
2310	05/19/21 02:30:00	11.13	16.46					11.13150942	113.3943168			0.00	0.01	Excellent
2311	05/19/21 03:00:00	11.12	16.48					11.12484364	113.3741325			0.00	0.04	Excellent

2312	05/19/21 03:30:00	11.12	16.48					11.12817921	113.4081256			0.01	0.07	Excellent
2313	05/19/21 04:00:00	11.10	16.50					11.11149407	113.2857515			0.01	0.10	Excellent
2314	05/19/21 04:30:00	11.14	16.50					11.15487707	113.728057			0.01	0.13	Excellent
2315	05/19/21 05:00:00	11.16	16.50					11.17825135	113.9663664			0.02	0.16	Excellent
2316	05/19/21 05:30:00	11.14	16.50					11.16156022	113.7961941			0.02	0.19	Excellent
2317	05/19/21 06:00:00	11.17	16.50					11.19496885	114.1368074			0.02	0.22	Excellent
2318	05/19/21 06:30:00	11.18	16.48					11.20834477	114.225099			0.03	0.25	Excellent
2319	05/19/21 07:00:00	11.24	16.48					11.27186846	114.8724738			0.03	0.28	Excellent
2320	05/19/21 07:30:00	11.28	16.48					11.31536544	115.3157548			0.04	0.31	Excellent
2321	05/19/21 08:00:00	11.31	16.48					11.34885207	115.6570196			0.04	0.34	Excellent
2322	05/19/21 08:30:00	11.34	16.48					11.38235669	115.9984677			0.04	0.37	Excellent
2323	05/19/21 09:00:00	11.37	16.50					11.41587931	116.3890704			0.05	0.40	Excellent
2324	05/19/21 09:30:00	11.41	16.52					11.45946328	116.8825871			0.05	0.43	Excellent
2325	05/19/21 10:00:00	11.43	16.54					11.48297854	117.171702			0.05	0.46	Excellent
2326	05/19/21 10:30:00	11.44	16.60					11.49645645	117.4572299			0.06	0.49	Excellent
2327	05/19/21 11:00:00	11.47	16.64					11.53004506	117.8993743			0.06	0.52	Excellent
2328	05/19/21 11:30:00	11.48	16.70					11.54354097	118.1860438			0.06	0.55	Excellent
2329	05/19/21 12:00:00	11.47	16.76					11.53692619	118.2669401			0.07	0.58	Excellent
2330	05/19/21 12:30:00	11.52	16.82					11.59067349	118.9672627			0.07	0.61	Excellent
2331	05/19/21 13:00:00	11.49	16.88					11.563936	118.8418706			0.07	0.64	Excellent
2332	05/19/21 13:30:00	11.56	16.98					11.637854	119.8515969			0.08	0.67	Excellent
2333	05/19/21 14:00:00	11.58	17.06					11.66146225	120.2952658			0.08	0.70	Excellent
2334	05/19/21 14:30:00	11.59	17.10					11.67500916	120.5354225			0.09	0.73	Excellent
2335	05/19/21 15:00:00	11.63	17.14					11.7187911	121.0882422			0.09	0.76	Excellent
2336	05/19/21 15:30:00	11.70	17.14					11.79283508	121.8533258			0.09	0.79	Excellent
2337	05/19/21 16:00:00	11.70	17.16					11.79634463	121.9403318			0.10	0.82	Excellent
2338	05/19/21 16:30:00	11.75	17.20					11.85028091	122.5998395			0.10	0.85	Excellent
2339	05/19/21 17:00:00	11.82	17.32					11.92442387	123.6748022			0.10	0.88	Excellent
2340	05/19/21 17:30:00	11.83	17.34					11.93806077	123.867628			0.11	0.91	Excellent
2341	05/19/21 18:00:00	11.82	17.32					11.93151497	123.7483479			0.11	0.94	Excellent
2342	05/19/21 18:30:00	11.83	17.34					11.94515786	123.9412664			0.12	0.97	Excellent
2343	05/19/21 19:00:00	11.85	17.36					11.96890709	124.2392121			0.12	1.00	Excellent
2344	05/19/21 19:30:00	11.84	17.36					11.9623583	124.1712346			0.12	1.03	Excellent
2345	05/19/21 20:00:00	11.82	17.36					11.94569716	123.9982892			0.13	1.06	Excellent
2346	05/19/21 20:30:00	11.74	17.34					11.86836797	123.1445054			0.13	1.09	Excellent
2347	05/19/21 21:00:00	11.74	17.34					11.87188952	123.1810445			0.13	1.12	Excellent
2348	05/19/21 21:30:00	11.73	17.34					11.86529573	123.1126282			0.14	1.15	Excellent
2349	05/19/21 22:00:00	11.75	17.36					11.88905096	123.4102924			0.14	1.18	Excellent
2350	05/19/21 22:30:00	11.75	17.38					11.89257551	123.4980805			0.14	1.21	Excellent
2351	05/19/21 23:00:00	11.81	17.40					11.9568461	124.21698			0.15	1.24	Excellent
2352	05/19/21 23:30:00	11.81	17.42				11.161	11.96038865	124.3052858		11.050	0.15	1.27	Excellent
2353	05/20/21 00:00:00	11.80	17.44	11.69	12.70	12.07021		11.95380086	124.2882972	12.313		0.15	1.30	Excellent
2354	05/20/21 00:30:00	11.78	17.44					11.93707373	124.1143787			0.16	1.33	Excellent
2355	05/20/21 01:00:00	11.78	17.46					11.94060728	124.2025447			0.16	1.36	Excellent
2356	05/20/21 01:30:00	11.78	17.46					11.94414083	124.2392996			0.16	1.39	Excellent
2357	05/20/21 02:00:00	11.77	17.48					11.93753204	124.2219742			0.17	1.42	Excellent
2358	05/20/21 02:30:00	11.76	17.50					11.93091725	124.2045337			0.17	1.45	Excellent
2359	05/20/21 03:00:00	11.78	17.54					11.95474148	124.555555			0.17	1.48	Excellent
2360	05/20/21 03:30:00	11.80	17.56					11.9785777	124.8555137			0.18	1.51	Excellent
2361	05/20/21 04:00:00	11.81	17.60					11.99227158	125.1016007			0.18	1.54	Excellent
2362	05/20/21 04:30:00	11.80	17.62					11.9856568	125.0842502			0.19	1.57	Excellent
2363	05/20/21 05:00:00	11.79	17.66					11.97903601	125.1184183			0.19	1.60	Excellent
2364	05/20/21 05:30:00	11.80	17.70					11.99273589	125.3649091			0.19	1.63	Excellent
2365	05/20/21 06:00:00	11.80	17.74					11.99627544	125.5053554			0.20	1.66	Excellent
2366	05/20/21 06:30:00	11.81	17.80					12.00998432	125.8041558			0.20	1.69	Excellent
2367	05/20/21 07:00:00	11.80	17.84					12.00335454	125.838258			0.20	1.72	Excellent
2368	05/20/21 07:30:00	11.82	17.90					12.02724475	126.2443774			0.21	1.75	Excellent
2369	05/20/21 08:00:00	11.89	17.96					12.10203864	127.1861242			0.21	1.78	Excellent
2370	05/20/21 08:30:00	11.95	18.02					12.16669318	128.0231553			0.22	1.81	Excellent
2371	05/20/21 09:00:00	12.00	18.10					12.22119939	128.8077543			0.22	1.84	Excellent
2372	05/20/21 09:30:00	12.04	18.20					12.26554826	129.5400581			0.23	1.87	Excellent
2373	05/20/21 10:00:00	12.14	18.28					12.37106312	130.868236			0.23	1.90	Excellent
2374	05/20/21 10:30:00	12.22	18.36					12.45625131	131.9847517			0.24	1.93	Excellent
2375	05/20/21 11:00:00	12.31	18.46					12.55168382	133.2672844			0.24	1.96	Excellent
2376	05/20/21 11:30:00	12.36	18.54					12.606373	134.0660444			0.25	1.99	Excellent
2377	05/20/21 12:00:00	12.34	18.64					12.58967587	134.1608341			0.25	2.02	Excellent
2378	05/20/21 12:30:00	12.44	18.74					12.6954307	135.5625592			0.26	2.05	Excellent
2379	05/20/21 13:00:00	12.62	18.82					12.88291216	137.7876294			0.26	2.08	Excellent
2380	05/20/21 13:30:00	12.70	18.92					12.96838831	138.9826955			0.27	2.11	Excellent
2381	05/20/21 14:00:00	12.67	19.00					12.94155484	138.9194285			0.27	2.14	Excellent
2382	05/20/21 14:30:00	12.66	19.08					12.93513802	139.0748163			0.28	2.17	Excellent
2383	05/20/21 15:00:00	12.69	19.10					12.96959652	139.5015316			0.28	2.20	Excellent
2384	05/20/21 15:30:00	12.64	19.10					12.9222864	138.9926619			0.28	2.23	Excellent
2385	05/20/21 16:00:00	12.55	19.10					12.83404097	138.0434903			0.28	2.26	Excellent
2386	05/20/21 16:30:00	12.54	19.10					12.82757616	137.9739545			0.29	2.29	Excellent
2387	05/20/21 17:00:00	12.42	19.08					12.70854976	136.6386057			0.29	2.32	Excellent
2388	05/20/21 17:30:00	12.35	19.04					12.640628	135.7987411			0.29	2.35	Excellent
2389	05/20/21 18:00:00	12.33	19.02					12.62385588	135.5638418			0.29	2.38	Excellent
2390	05/20/21 18:30:00	12.21	18.98					12.5046585	134.1754314			0.29	2.41	Excellent
2391	05/20/21 19:00:00	12.16	18.98					12.45709941	133.6651207			0.30	2.44	Excellent
2392	05/20/21 19:30:00	12.08	18.96					12.37876834	132.770985			0.30	2.47	Excellent
2393	05/20/21 20:00:00	11.96	18.96					12.25938799	131.4905468			0.30	2.50	Excellent
2394	05/20/21 20:30:00	11.90	18.96					12.20145558	130.8691811			0.30	2.53	Excellent
2395	05/20/21 21:00:00	11.86	18.98					12.16399983	130.5201518			0.30	2.56	Excellent
2396	05/20/21 21:30:00	11.78	18.98					12.08548279	129.6776612			0.31	2.59	Good
2397	05/20/21 22:00:00	11.75	18.98					12.05822938	129.385231			0.31	2.62	Good
2398	05/20/21 22:30:00	11.74	18.98					12.0514886	129.3129023			0.31	2.65	Good
2399	05/20/21 23:00:00	11.69	18.98					12.00366854	128.7997914			0.31	2.68	Good
2400	05/20/21 23:30:00	11.70	18.96				11.157	12.01744642	128.8955536		11.107	0.32	2.71	Good
2401	05/21/21 00:00:00	11.71	18.96	11.13	12.26	11.71479		12.03123029	129.0433953	12.119		0.32	2.74	Good
2402	05/21/21 00:30:00	11.64	18.96					11.9628016	128.3094495			0.32	2.77	Good
2403	05/21/21 01:00:00	11.62	18.96					11.94573251	128.1263715			0.33	2.80	Good
2404	05/21/21 01:30:00	11.60	18.96					11.92865142	127.9431649			0.33	2.83	Good
2405	05/21/21 02:00:00	11.61	18.94					11.9424173	128.0390679			0.33	2.86	Good
2406	05/21/21 02:30:00	11.57	18.94					11.90474258	127.6351433			0.33	2.89	Good
2407	05/21/21 03:00:00	11.55	18.94					11.8876285	127.4516569			0.34	2.92	Good
2408	05/21/21 03:30:00	11.52	18.92					11.8602071	127.1062766			0.34	2.95	Good
2409	05/21/21 04:00:00	11.52	18.92					11.86366266	127.14331			0.34	2.98	Good
2410	05/21/21 04:30:00	11.45	18.92					11.79500899	126.4075461			0.35	3.01	Good
2411	05/21/21 05:00:00	11.41	18.92					11.75722628	126.0026274			0.35	3.04	Good
2412	05/21/21 05:30:00	11.44	18.94					11.7915708	126.4217869			0.35	3.07	Good
2413	05/21/21 06:00:00	11.44	18.96					11.79500236	126.5096848			0.36	3.10	Good
2414	05/21/21 06:30:00	11.46	19.00					11.81906056	126.8701604			0.36	3.13	Good
2415	05/21/21 07:00:00	11.46	19.06					11.82249812	127.0607874			0.36	3.16	Good
2416	05/21/21 07:30:00	11.51	19.10					11.87753226	127.7552419			0.37	3.19	Good
2417	05/21/21 08:00:00	11.58	19.16					11.95324102	128.7250572			0.37	3.22	Good
2418	05/21/21 08:30:00	11.68	19.24					12.05996773	130.0836298			0.38	3.25	Good
2419	05/21/21 09:00:00	11.78	19.32					12.16675442	131.4466205			0.39	3.28	Good
2420	05/21/21 09:30:00	11.93	19.44					12.32525768	133.4800237			0.40	3.31	Good
2421	05/21/21 10:00:00	12.04	19.56					12.44251368	135.0740622			0.40	3.34	Good
2422	05/21/21 10:30:00	12.11	19.68					12.51848641	136.2251246			0.41	3.37	Good
2423	05/21/21 11:00:00	12.09	19.78					12.50143832	136.3112842			0.41	3.40	Good
2424	05/21/21 11:30:00	12.18	19.90					12.59815467	137.6945202			0.42	3.43	Good
2425	05/21/21 12:00:00	12.13	20.00					12.55007665	137.4420086			0.42	3.46	Good
2426	05/21/21 12:30:00	12.19	20.10					12.61581105	138.4364042			0.43	3.49	Good
2427	05/21/21 13:00:00	12.11	20.16					12.53664909	137.7314621			0.43	3.52	Good

2428	05/21/21 13:30:00	12.15	20.26					12.58170287	138.5003726			0.43	3.55	Good
2429	05/21/21 14:00:00	12.16	20.34					12.59570572	138.8739871			0.44	3.58	Good
2430	05/21/21 14:30:00	12.24	20.40					12.68224374	139.9938911			0.44	3.61	Good
2431	05/21/21 15:00:00	12.21	20.46					12.65482234	139.8566574			0.44	3.64	Good
2432	05/21/21 15:30:00	12.20	20.46					12.64811756	139.7825585			0.45	3.67	Good
2433	05/21/21 16:00:00	12.26	20.48					12.71399895	140.5660763			0.45	3.70	Good
2434	05/21/21 16:30:00	12.16	20.50					12.61394339	139.5148491			0.45	3.73	Good
2435	05/21/21 17:00:00	12.05	20.48					12.50345154	138.2382623			0.45	3.76	Good
2436	05/21/21 17:30:00	11.96	20.40					12.4136523	137.0290246			0.45	3.79	Good
2437	05/21/21 18:00:00	11.81	20.34					12.26150523	135.1892587			0.45	3.82	Good
2438	05/21/21 18:30:00	11.64	20.30					12.08849756	133.1764377			0.45	3.85	Good
2439	05/21/21 19:00:00	11.56	20.26					12.00888266	132.1947227			0.45	3.88	Good
2440	05/21/21 19:30:00	11.44	20.24					11.88765454	130.808461			0.45	3.91	Good
2441	05/21/21 20:00:00	11.37	20.24					11.81832596	130.0455885			0.45	3.94	Good
2442	05/21/21 20:30:00	11.40	20.30					11.85292844	130.5812222			0.45	3.97	Good
2443	05/21/21 21:00:00	11.42	20.36					11.87714861	131.0032814			0.46	4.00	Good
2444	05/21/21 21:30:00	11.30	20.36					11.75573452	129.664101			0.46	4.03	Good
2445	05/21/21 22:00:00	11.18	20.34					11.63424843	128.2734372			0.45	4.06	Good
2446	05/21/21 22:30:00	11.17	20.36					11.6271927	128.2463027			0.46	4.09	Good
2447	05/21/21 23:00:00	11.17	20.36					11.63054327	128.2832591			0.46	4.12	Good
2448	05/21/21 23:30:00	11.13	20.38				11.124	11.59223263	127.9112083		11.157	0.46	4.15	Good
2449	05/22/21 00:00:00	11.16	20.42	10.40	11.33	10.92313		11.62682611	128.3942541	11.457		0.47	4.18	Good
2450	05/22/21 00:30:00	11.09	20.46					11.55722457	127.7263919			0.47	4.21	Good
2451	05/22/21 01:00:00	11.16	20.50					11.63352126	128.6710201			0.47	4.24	Good
2452	05/22/21 01:30:00	11.09	20.52					11.56387772	127.9511512			0.47	4.27	Good
2453	05/22/21 02:00:00	11.16	20.52					11.64021641	128.7958179			0.48	4.30	Good
2454	05/22/21 02:30:00	11.17	20.54					11.65399728	128.9991107			0.48	4.33	Good
2455	05/22/21 03:00:00	11.11	20.54					11.59473005	128.3430766			0.48	4.36	Good
2456	05/22/21 03:30:00	11.02	20.54					11.50410892	127.3399834			0.48	4.39	Good
2457	05/22/21 04:00:00	10.87	20.56					11.35078	125.6922653			0.48	4.42	Good
2458	05/22/21 04:30:00	10.92	20.56					11.40626708	126.3066986			0.49	4.45	Good
2459	05/22/21 05:00:00	10.86	20.56					11.34685287	125.6487784			0.49	4.48	Good
2460	05/22/21 05:30:00	10.87	20.56					11.36056175	125.800583			0.49	4.51	Good
2461	05/22/21 06:00:00	10.95	20.56					11.44745672	126.7628099			0.50	4.54	Good
2462	05/22/21 06:30:00	10.89	20.58					11.38799752	126.1540507			0.50	4.57	Good
2463	05/22/21 07:00:00	10.75	20.58					11.24481993	124.5679569			0.49	4.60	Good
2464	05/22/21 07:30:00	10.76	20.60					11.25850782	124.7686871			0.50	4.63	Good
2465	05/22/21 08:00:00	10.81	20.64					11.31406689	125.4830951			0.50	4.66	Good
2466	05/22/21 08:30:00	10.79	20.68					11.29637088	125.3853846			0.51	4.69	Fair
2467	05/22/21 09:00:00	10.83	20.72					11.34149666	125.9852266			0.51	4.72	Fair
2468	05/22/21 09:30:00	10.81	20.74					11.32379465	125.8379968			0.51	4.75	Fair
2469	05/22/21 10:00:00	10.75	20.80					11.26416746	125.3228506			0.51	4.78	Fair
2470	05/22/21 10:30:00	10.74	20.86					11.25691076	125.3895268			0.52	4.81	Fair
2471	05/22/21 11:00:00	10.80	20.92					11.32303811	126.2744259			0.52	4.84	Fair
2472	05/22/21 11:30:00	10.93	21.04					11.46261253	128.131348			0.53	4.87	Fair
2473	05/22/21 12:00:00	10.86	21.14					11.39245905	127.5960584			0.53	4.90	Fair
2474	05/22/21 12:30:00	10.88	21.24					11.41670322	128.1171214			0.54	4.93	Fair
2475	05/22/21 13:00:00	10.93	21.36					11.47244827	129.0437113			0.54	4.96	Fair
2476	05/22/21 13:30:00	11.01	21.44					11.55972119	130.2276582			0.55	4.99	Fair
2477	05/22/21 14:00:00	11.08	21.52					11.63653982	131.2967663			0.56	5.02	Fair
2478	05/22/21 14:30:00	11.04	21.52					11.59784223	130.8601358			0.56	5.05	Fair
2479	05/22/21 15:00:00	11.03	21.52					11.59064551	130.7789342			0.56	5.08	Fair
2480	05/22/21 15:30:00	11.12	21.56					11.68855571	131.985997			0.57	5.11	Fair
2481	05/22/21 16:00:00	11.17	21.62					11.74446274	132.7715499			0.57	5.14	Fair
2482	05/22/21 16:30:00	11.30	21.68					11.88453808	134.5112393			0.58	5.17	Fair
2483	05/22/21 17:00:00	11.26	21.78					11.84584649	134.332777			0.59	5.20	Fair
2484	05/22/21 17:30:00	11.33	21.84					11.92288709	135.3631582			0.59	5.23	Fair
2485	05/22/21 18:00:00	11.22	21.86					11.81049647	134.1389236			0.59	5.26	Fair
2486	05/22/21 18:30:00	11.12	21.82					11.70856916	132.8786496			0.59	5.29	Fair
2487	05/22/21 19:00:00	10.95	21.76					11.53285583	130.7329116			0.58	5.32	Fair
2488	05/22/21 19:30:00	10.93	21.70					11.51506983	130.3799685			0.59	5.35	Fair
2489	05/22/21 20:00:00	10.89	21.68					11.47619526	129.8895452			0.59	5.38	Fair
2490	05/22/21 20:30:00	10.74	21.68					11.32134254	128.1368955			0.58	5.41	Fair
2491	05/22/21 21:00:00	10.68	21.66					11.2612984	127.4079868			0.58	5.44	Fair
2492	05/22/21 21:30:00	10.61	21.64					11.19067099	126.5599172			0.58	5.47	Fair
2493	05/22/21 22:00:00	10.57	21.62					11.15165244	126.0698093			0.58	5.50	Fair
2494	05/22/21 22:30:00	10.49	21.64					11.07039675	125.1996862			0.58	5.53	Fair
2495	05/22/21 23:00:00	10.41	21.64					10.98909306	124.2801893			0.58	5.56	Fair
2496	05/22/21 23:30:00	10.40	21.64				11.100	10.98165638	124.1960848		11.230	0.58	5.59	Fair
2497	05/23/21 00:00:00	10.33	21.66	9.55	10.33	9.99729		10.91083999	123.4429733	10.630		0.58	5.62	Fair
2498	05/23/21 00:30:00	10.24	21.66					10.81885104	122.4022294			0.58	5.65	Fair
2499	05/23/21 01:00:00	10.20	21.64					10.77964951	121.9115057			0.58	5.68	Fair
2500	05/23/21 01:30:00	10.18	21.60					10.76156655	121.6127559			0.58	5.71	Fair
2501	05/23/21 02:00:00	10.09	21.58					10.66945162	120.5250845			0.58	5.74	Fair
2502	05/23/21 02:30:00	10.07	21.56					10.65132366	120.273677			0.58	5.77	Fair
2503	05/23/21 03:00:00	10.08	21.58					10.66492456	120.4739457			0.58	5.80	Fair
2504	05/23/21 03:30:00	10.12	21.62					10.7102813	121.0800936			0.59	5.83	Fair
2505	05/23/21 04:00:00	10.04	21.64					10.62862666	120.203526			0.59	5.86	Fair
2506	05/23/21 04:30:00	9.92	21.64					10.50456691	118.800483			0.58	5.89	Fair
2507	05/23/21 05:00:00	9.86	21.66					10.44398884	118.1611165			0.58	5.92	Fair
2508	05/23/21 05:30:00	9.89	21.66					10.4787323	118.5541968			0.59	5.95	Fair
2509	05/23/21 06:00:00	9.87	21.68					10.46050237	118.3937589			0.59	5.98	Fair
2510	05/23/21 06:30:00	9.83	21.68					10.42105787	117.9473193			0.59	6.01	Fair
2511	05/23/21 07:00:00	9.86	21.70					10.45581933	118.3865504			0.60	6.04	Fair
2512	05/23/21 07:30:00	9.87	21.72					10.46938423	118.5859976			0.60	6.07	Fair
2513	05/23/21 08:00:00	9.84	21.74					10.44051402	118.3047217			0.60	6.10	Fair
2514	05/23/21 08:30:00	9.94	21.78					10.54959842	119.6332278			0.61	6.13	Fair
2515	05/23/21 09:00:00	9.94	21.84					10.55258004	119.8057611			0.61	6.16	Fair
2516	05/23/21 09:30:00	9.90	21.90					10.51308455	119.495595			0.61	6.19	Fair
2517	05/23/21 10:00:00	9.89	21.96					10.5054319	119.546779			0.62	6.22	Fair
2518	05/23/21 10:30:00	10.07	21.98					10.6996535	121.8038422			0.63	6.25	Fair
2519	05/23/21 11:00:00	9.88	22.02					10.50073686	119.6314895			0.62	6.28	Fair
2520	05/23/21 11:30:00	9.86	22.08					10.48243794	119.5609454			0.62	6.31	Fair
2521	05/23/21 12:00:00	9.83	22.16					10.45349273	119.4142502			0.62	6.34	Fair
2522	05/23/21 12:30:00	9.89	22.26					10.52026501	120.4078734			0.63	6.37	Fair
2523	05/23/21 13:00:00	9.99	22.34					10.62963437	121.8463143			0.64	6.40	Fair
2524	05/23/21 13:30:00	10.05	22.40					10.69649064	122.7536042			0.65	6.43	Fair
2525	05/23/21 14:00:00	10.14	22.46					10.79532172	124.0300559			0.66	6.46	Fair
2526	05/23/21 14:30:00	10.07	22.50					10.72381841	123.3027676			0.65	6.49	Fair
2527	05/23/21 15:00:00	10.16	22.56					10.82270949	124.5824973			0.66	6.52	Fair
2528	05/23/21 15:30:00	10.15	22.62					10.81510183	124.6375349			0.67	6.55	Fair
2529	05/23/21 16:00:00	10.18	22.68					10.85012125	125.1842195			0.67	6.58	Fair
2530	05/23/21 16:30:00	10.11	22.72					10.77854596	124.4532073			0.67	6.61	Fair
2531	05/23/21 17:00:00	10.20	22.76					10.87755702	125.6921068			0.68	6.64	Fair
2532	05/23/21 17:30:00	10.05	22.80					10.72060756	123.9728423			0.67	6.67	Fair
2533	05/23/21 18:00:00	10.17	22.84					10.85166542	125.5838749			0.68	6.70	Fair
2534	05/23/21 18:30:00	10.12	22.90					10.80134968	125.1441704			0.68	6.73	Fair
2535	05/23/21 19:00:00	10.21	22.92					10.90047173	126.3405692			0.69	6.76	Fair
2536	05/23/21 19:30:00	10.17	22.90					10.86081726	125.8331602			0.69	6.79	Fair
2537	05/23/21 20:00:00	10.08	22.88					10.76772744	124.7072387			0.69	6.82	Fair
2538	05/23/21 20:30:00	10.05	22.86					10.73869525	124.3237465			0.69	6.85	Fair
2539	05/23/21 21:00:00	9.93	22.88					10.61345064	122.9204704			0.68	6.88	Fair
2540	05/23/21 21:30:00	9.80	22.86					10.47744278	121.2991811			0.68	6.91	Fair
2541	05/23/21 22:00:00	9.83	22.84					10.51246521	121.6583873			0.68	6.94	Fair
2542	05/23/21 22:30:00	9.71	22.82					10.38704662	120.1612473			0.68	6.97	Fair
2543	05/23/21 23:00:00	9.66	22.78					10.33645792	119.485076			0.68	7.00	Fair

2544	05/23/21 23:30:00	9.55	22.78				11.040	10.22161961	118.1575939		11.280	0.67	7.03	Fair
2545	05/24/21 00:00:00	9.39	22.72	8.04	9.50	8.85250		10.05318399	116.077901	9.539		0.66	7.06	Fair
2546	05/24/21 00:30:00	9.29	22.64					9.94890797	114.698909			0.66	7.09	Fair
2547	05/24/21 01:00:00	9.22	22.60					9.876708756	113.7797041			0.66	7.12	Fair
2548	05/24/21 01:30:00	9.16	22.60					9.815182813	113.0709251			0.66	7.15	Fair
2549	05/24/21 02:00:00	9.22	22.60					9.882240051	113.8434246			0.66	7.18	Fair
2550	05/24/21 02:30:00	9.19	22.62					9.852841905	113.5480688			0.66	7.21	Fair
2551	05/24/21 03:00:00	9.21	22.64					9.877047081	113.8704396			0.67	7.24	Fair
2552	05/24/21 03:30:00	9.20	22.68					9.869082465	113.865399			0.67	7.27	Fair
2553	05/24/21 04:00:00	9.24	22.72					9.914763166	114.4796413			0.67	7.30	Fair
2554	05/24/21 04:30:00	9.21	22.74					9.885335024	114.1833272			0.68	7.33	Fair
2555	05/24/21 05:00:00	9.21	22.74					9.888097671	114.2152379			0.68	7.36	Fair
2556	05/24/21 05:30:00	9.15	22.74					9.826424746	113.5028676			0.68	7.39	Fair
2557	05/24/21 06:00:00	9.18	22.74					9.861396181	113.9068149			0.68	7.42	Fair
2558	05/24/21 06:30:00	9.13	22.74					9.810423524	113.318041			0.68	7.45	Fair
2559	05/24/21 07:00:00	8.98	22.76					9.651938261	111.529864			0.67	7.48	Fair
2560	05/24/21 07:30:00	8.98	22.78					9.654631917	111.6034562			0.67	7.51	Fair
2561	05/24/21 08:00:00	9.03	22.76					9.711096874	112.2134523			0.68	7.54	Fair
2562	05/24/21 08:30:00	8.88	22.80					9.552446633	110.4642581			0.67	7.57	Fair
2563	05/24/21 09:00:00	8.93	22.82					9.60891159	111.1594896			0.68	7.60	Fair
2564	05/24/21 09:30:00	8.90	22.82					9.579300471	110.8169371			0.68	7.63	Fair
2565	05/24/21 10:00:00	8.91	22.82					9.592736389	110.9723689			0.68	7.66	Fair
2566	05/24/21 10:30:00	9.50	22.88					10.23079528	118.4887188			0.73	7.69	Fair
2567	05/24/21 11:00:00	9.46	22.84					10.19055589	117.9330034			0.73	7.72	Fair
2568	05/24/21 11:30:00	8.99	22.84					9.686956425	112.1049605			0.70	7.75	Fair
2569	05/24/21 12:00:00	9.02	22.82					9.721987852	112.4675982			0.70	7.78	Fair
2570	05/24/21 12:30:00	8.92	22.82					9.61688094	111.2516821			0.70	7.81	Fair
2571	05/24/21 13:00:00	8.86	22.82					9.554851061	110.5340972			0.69	7.84	Fair
2572	05/24/21 13:30:00	8.80	22.80					9.492785187	109.7743346			0.69	7.87	Fair
2573	05/24/21 14:00:00	8.80	22.78					9.49542485	109.7630899			0.70	7.90	Fair
2574	05/24/21 14:30:00	8.69	22.78					9.379338707	108.4211833			0.69	7.93	Fair
2575	05/24/21 15:00:00	8.72	22.78					9.414334139	108.8257157			0.69	7.96	Fair
2576	05/24/21 15:30:00	8.68	22.80					9.373752787	108.3978468			0.69	7.99	Fair
2577	05/24/21 16:00:00	8.68	22.80					9.376356455	108.4279556			0.70	8.02	Fair
2578	05/24/21 16:30:00	8.69	22.80					9.389765377	108.583016			0.70	8.05	Fair
2579	05/24/21 17:00:00	8.65	22.80					9.349139031	108.113214			0.70	8.08	Fair
2580	05/24/21 17:30:00	8.65	22.80					9.3517337	108.1432186			0.70	8.11	Fair
2581	05/24/21 18:00:00	8.61	22.78					9.311071359	107.6320417			0.70	8.14	Fair
2582	05/24/21 18:30:00	8.62	22.78					9.324471282	107.7869391			0.70	8.17	Fair
2583	05/24/21 19:00:00	8.52	22.74					9.218854435	106.4849567			0.70	8.20	Fair
2584	05/24/21 19:30:00	8.49	22.72					9.188940355	106.099014			0.70	8.23	Fair
2585	05/24/21 20:00:00	8.39	22.70					9.083224521	104.838435			0.69	8.26	Fair
2586	05/24/21 20:30:00	8.38	22.66					9.074911949	104.6626867			0.69	8.29	Fair
2587	05/24/21 21:00:00	8.35	22.66					9.044928878	104.3168862			0.69	8.32	Fair
2588	05/24/21 21:30:00	8.28	22.62					8.97158681	103.3921346			0.69	8.35	Fair
2589	05/24/21 22:00:00	8.20	22.60					8.887364498	102.3824563			0.69	8.38	Fair
2590	05/24/21 22:30:00	8.18	22.60					8.868141686	102.1610095			0.69	8.41	Fair
2591	05/24/21 23:00:00	8.14	22.60					8.827218379	101.6895729			0.69	8.44	Fair
2592	05/24/21 23:30:00	8.04	22.58				10.826	8.721187585	100.4297646		11.181	0.68	8.47	Fair
2593	05/25/21 00:00:00	8.06	22.58	7.72	8.53	8.13000		8.745299773	100.7074311	8.486		0.69	8.50	Fair
2594	05/25/21 00:30:00	7.99	22.58					8.671744732	99.86040019			0.68	8.53	Fair
2595	05/25/21 01:00:00	7.95	22.58					8.630716438	99.3879345			0.68	8.56	Fair
2596	05/25/21 01:30:00	7.99	22.56					8.67653812	99.8774649			0.69	8.59	Fair
2597	05/25/21 02:00:00	7.95	22.54					8.635485829	99.36695267			0.69	8.62	Fair
2598	05/25/21 02:30:00	7.91	22.54					8.594409541	98.89429536			0.68	8.65	Fair
2599	05/25/21 03:00:00	7.94	22.54					8.629386975	99.29677428			0.69	8.68	Fair
2600	05/25/21 03:30:00	7.89	22.54					8.577412445	98.69871289			0.69	8.71	Fair
2601	05/25/21 04:00:00	7.87	22.52					8.558030654	98.43808292			0.69	8.74	Fair
2602	05/25/21 04:30:00	7.77	22.52					8.451618908	97.21409008			0.68	8.77	Fair
2603	05/25/21 05:00:00	7.80	22.50					8.486590343	97.57905594			0.69	8.80	Fair
2604	05/25/21 05:30:00	7.74	22.50					8.423630583	96.85514283			0.68	8.83	Fair
2605	05/25/21 06:00:00	7.76	22.50					8.447724773	97.13217851			0.69	8.86	Fair
2606	05/25/21 06:30:00	7.73	22.50					8.417384747	96.78332804			0.69	8.89	Fair
2607	05/25/21 07:00:00	7.72	22.50					8.408811209	96.68474925			0.69	8.92	Fair
2608	05/25/21 07:30:00	7.76	22.50					8.454707882	97.2124705			0.69	8.95	Fair
2609	05/25/21 08:00:00	7.83	22.50					8.533323277	98.11639253			0.70	8.98	Fair
2610	05/25/21 08:30:00	7.89	22.52					8.601079426	98.93324807			0.71	9.01	Fair
2611	05/25/21 09:00:00	7.93	22.52					8.647063087	99.46217157			0.72	9.04	Fair
2612	05/25/21 09:30:00	7.89	22.52					8.605812822	98.98769359			0.72	9.07	Fair
2613	05/25/21 10:00:00	7.91	22.54					8.63	99.30382824			0.72	9.10	Fair
2614	05/25/21 10:30:00	8.53	22.48					8.62	99.20860414			0.09	1.06	Excellent
2615	05/25/21 11:00:00	8.51	22.58					8.600306711	99.17119398			0.09	1.06	Excellent
2616	05/25/21 11:30:00	8.53	22.62					8.621037895	99.4861483			0.09	1.07	Excellent
2617	05/25/21 12:00:00	8.53	22.64					8.621556843	99.53009397			0.09	1.07	Excellent
2618	05/25/21 12:30:00	8.52	22.66					8.611967847	99.45731331			0.09	1.08	Excellent
2619	05/25/21 13:00:00	8.53	22.70					8.622594738	99.6559788			0.09	1.09	Excellent
2620	05/25/21 13:30:00	8.51	22.72					8.602895366	99.46618949			0.09	1.09	Excellent
2621	05/25/21 14:00:00	8.49	22.72					8.583193559	99.23839832			0.09	1.10	Excellent
2622	05/25/21 14:30:00	8.50	22.74					8.59382045	99.39911585			0.09	1.10	Excellent
2623	05/25/21 15:00:00	8.47	22.74					8.564004617	99.05425555			0.09	1.11	Excellent
2624	05/25/21 15:30:00	8.48	22.78					8.574631508	99.25270991			0.09	1.12	Excellent
2625	05/25/21 16:00:00	8.45	22.76					8.544810807	98.86989044			0.09	1.12	Excellent
2626	05/25/21 16:30:00	8.43	22.78					8.525099267	98.67936642			0.10	1.13	Excellent
2627	05/25/21 17:00:00	8.40	22.76					8.495271874	98.2966877			0.10	1.13	Excellent
2628	05/25/21 17:30:00	8.36	22.74					8.455326804	97.79725017			0.10	1.14	Excellent
2629	05/25/21 18:00:00	8.34	22.72					8.435606138	97.5320009			0.10	1.15	Excellent
2630	05/25/21 18:30:00	8.32	22.70					8.415883038	97.26690017			0.10	1.15	Excellent
2631	05/25/21 19:00:00	8.30	22.70					8.396157505	97.03892154			0.10	1.16	Excellent
2632	05/25/21 19:30:00	8.27	22.68					8.366313077	96.65715127			0.10	1.16	Excellent
2633	05/25/21 20:00:00	8.20	22.66					8.295996723	95.8082473			0.10	1.17	Excellent
2634	05/25/21 20:30:00	8.16	22.66					8.256024884	95.34662322			0.10	1.18	Excellent
2635	05/25/21 21:00:00	8.08	22.64					8.175575034	94.38153297			0.10	1.18	Excellent
2636	05/25/21 21:30:00	8.04	22.64					8.135591027	93.91994442			0.10	1.19	Excellent
2637	05/25/21 22:00:00	8.01	22.64					8.105721656	93.57512256			0.10	1.20	Excellent
2638	05/25/21 22:30:00	8.00	22.66					8.096088857	93.49956483			0.10	1.20	Excellent
2639	05/25/21 23:00:00	8.01	22.66					8.10669628	93.62206712			0.10	1.21	Excellent
2640	05/25/21 23:30:00	7.99	22.66				10.451	8.086940937	93.39391794		10.869	0.10	1.21	Excellent
2641	05/26/21 00:00:00	7.96	22.66	7.09	7.96	7.60750		8.057061223	93.04884512	7.711		0.10	1.22	Excellent
2642	05/26/21 00:30:00	7.89	22.66					7.986687681	92.23611991			0.10	1.23	Excellent
2643	05/26/21 01:00:00	7.88	22.64					7.97704454	92.0896315			0.10	1.23	Excellent
2644	05/26/21 01:30:00	7.84	22.64					7.937028897	91.62767774			0.10	1.24	Excellent
2645	05/26/21 02:00:00	7.80	22.66					7.897008388	91.20043773			0.10	1.24	Excellent
2646	05/26/21 02:30:00	7.77	22.68					7.867107989	90.88976708			0.10	1.25	Excellent
2647	05/26/21 03:00:00	7.76	22.70					7.857455114	90.81284741			0.10	1.26	Excellent
2648	05/26/21 03:30:00	7.76	22.72					7.857927216	90.85290989			0.10	1.26	Excellent
2649	05/26/21 04:00:00	7.74	22.74					7.838145712	90.65871904			0.10	1.27	Excellent
2650	05/26/21 04:30:00	7.73	22.78					7.828489186	90.61599504			0.10	1.27	Excellent
2651	05/26/21 05:00:00	7.72	22.80					7.818831444	90.5386501			0.10	1.28	Excellent
2652	05/26/21 05:30:00	7.68	22.82					7.778786599	90.10921958			0.10	1.29	Excellent
2653	05/26/21 06:00:00	7.69	22.84					7.789383071	90.26628948			0.10	1.29	Excellent
2654	05/26/21 06:30:00	7.69	22.86					7.789850915	90.30603653			0.10	1.30	Excellent
2655	05/26/21 07:00:00	7.63	22.88					7.729536038	89.6408818			0.10	1.30	Excellent
2656	05/26/21 07:30:00	7.68	22.90					7.780655541	90.26801475			0.10	1.31	Excellent
2657	05/26/21 08:00:00	7.67	22.92					7.770991106	90.19014249			0.10	1.32	Excellent
2658	05/26/21 08:30:00	7.62	22.94					7.72079634	89.641614			0.10	1.32	Excellent
2659	05/26/21 09:00:00	7.66	22.96					7.761791473	90.15179986			0.10	1.33	Excellent

2660	05/26/21 09:30:00	7.65	22.96					7.752123996	90.03951387			0.10	1.33	Excellent
2661	05/26/21 10:00:00	7.66	22.98					7.76272351	90.19684768			0.10	1.34	Excellent
2662	05/26/21 10:30:00	7.66	23.00					7.763189529	90.23648963			0.10	1.35	Excellent
2663	05/26/21 11:00:00	7.63	23.08					7.733249586	90.02488663			0.10	1.35	Excellent
2664	05/26/21 11:30:00	7.61	23.12					7.713441921	89.86234583			0.10	1.36	Excellent
2665	05/26/21 12:00:00	7.62	23.14					7.724041436	90.01990489			0.10	1.37	Excellent
2666	05/26/21 12:30:00	7.78	23.22					7.886699352	92.05479581			0.11	1.37	Excellent
2667	05/26/21 13:00:00	7.88	23.32					7.988550212	93.41991695			0.11	1.38	Excellent
2668	05/26/21 13:30:00	7.86	23.34					7.96875289	93.22358407			0.11	1.38	Excellent
2669	05/26/21 14:00:00	7.79	23.30					7.89825828	92.32915519			0.11	1.39	Excellent
2670	05/26/21 14:30:00	7.73	23.34					7.837894733	91.69272139			0.11	1.40	Excellent
2671	05/26/21 15:00:00	7.65	23.34					7.757243509	90.74921163			0.11	1.40	Excellent
2672	05/26/21 15:30:00	7.58	23.30					7.686723348	89.85635157			0.11	1.41	Excellent
2673	05/26/21 16:00:00	7.62	23.32					7.727750117	90.37006152			0.11	1.41	Excellent
2674	05/26/21 16:30:00	7.47	23.28					7.576083511	88.52955017			0.11	1.42	Excellent
2675	05/26/21 17:00:00	7.36	23.20					7.464969138	87.09935299			0.10	1.43	Excellent
2676	05/26/21 17:30:00	7.29	23.12					7.394414299	86.14564311			0.10	1.43	Excellent
2677	05/26/21 18:00:00	7.26	23.10					7.364426294	85.76379527			0.10	1.44	Excellent
2678	05/26/21 18:30:00	7.25	23.12					7.354723531	85.68324182			0.10	1.44	Excellent
2679	05/26/21 19:00:00	7.18	23.10					7.284149224	84.82891373			0.10	1.45	Excellent
2680	05/26/21 19:30:00	7.28	23.14					7.38604267	86.08069548			0.11	1.46	Excellent
2681	05/26/21 20:00:00	7.46	23.30					7.569118456	88.48157248			0.11	1.46	Excellent
2682	05/26/21 20:30:00	7.52	23.40					7.630453585	89.36702183			0.11	1.47	Excellent
2683	05/26/21 21:00:00	7.53	23.48					7.641058575	89.62622516			0.11	1.47	Excellent
2684	05/26/21 21:30:00	7.50	23.52					7.611072395	89.34175143			0.11	1.48	Excellent
2685	05/26/21 22:00:00	7.48	23.52					7.59123127	89.10884853			0.11	1.49	Excellent
2686	05/26/21 22:30:00	7.35	23.50					7.459745265	87.53245605			0.11	1.49	Excellent
2687	05/26/21 23:00:00	7.25	23.46					7.358693207	86.28169826			0.11	1.50	Excellent
2688	05/26/21 23:30:00	7.09	23.38				9.899	7.196725801	84.25546964		10.322	0.11	1.51	Excellent
2689	05/27/21 00:00:00	6.97	23.34	6.29	7.56	6.76167		7.075343481	82.7719076	6.874		0.11	1.51	Excellent
2690	05/27/21 00:30:00	6.88	23.26					6.984401801	81.58468577			0.10	1.52	Excellent
2691	05/27/21 01:00:00	6.78	23.20					6.883296814	80.3125489			0.10	1.52	Excellent
2692	05/27/21 01:30:00	6.75	23.16					6.853250404	79.90149833			0.10	1.53	Excellent
2693	05/27/21 02:00:00	6.78	23.16					6.884121776	80.26142519			0.10	1.54	Excellent
2694	05/27/21 02:30:00	6.75	23.16					6.854071717	79.91107394			0.10	1.54	Excellent
2695	05/27/21 03:00:00	6.70	23.14					6.803708429	79.29387624			0.10	1.55	Excellent
2696	05/27/21 03:30:00	6.66	23.10					6.763494455	78.76553184			0.10	1.55	Excellent
2697	05/27/21 04:00:00	6.60	23.08					6.702963603	78.03104397			0.10	1.56	Excellent
2698	05/27/21 04:30:00	6.59	23.04					6.69320852	77.85844635			0.10	1.57	Excellent
2699	05/27/21 05:00:00	6.54	23.02					6.642823331	77.24305064			0.10	1.57	Excellent
2700	05/27/21 05:30:00	6.43	23.00					6.531485074	75.91960534			0.10	1.58	Excellent
2701	05/27/21 06:00:00	6.35	22.96					6.450608751	74.92265041			0.10	1.58	Excellent
2702	05/27/21 06:30:00	6.32	22.94					6.420517929	74.54484805			0.10	1.59	Excellent
2703	05/27/21 07:00:00	6.29	22.94					6.390423458	74.19543889			0.10	1.60	Excellent
2704	05/27/21 07:30:00	6.29	22.92					6.390806129	74.17171215			0.10	1.60	Excellent
2705	05/27/21 08:00:00	6.29	22.92					6.391188799	74.17615343			0.10	1.61	Excellent
2706	05/27/21 08:30:00	6.30	22.92					6.401732951	74.29852887			0.10	1.61	Excellent
2707	05/27/21 09:00:00	6.32	22.94					6.422440409	74.56716882			0.10	1.62	Excellent
2708	05/27/21 09:30:00	6.36	22.96					6.463475695	75.07209763			0.10	1.63	Excellent
2709	05/27/21 10:00:00	6.38	23.00					6.484189236	75.36985573			0.10	1.63	Excellent
2710	05/27/21 10:30:00	6.34	23.02					6.443921725	74.93021375			0.10	1.64	Excellent
2711	05/27/21 11:00:00	6.32	23.04					6.423978392	74.72663903			0.10	1.65	Excellent
2712	05/27/21 11:30:00	6.37	23.04					6.475188543	75.32233881			0.11	1.65	Excellent
2713	05/27/21 12:00:00	6.35	23.08					6.455244602	75.14727891			0.11	1.66	Excellent
2714	05/27/21 12:30:00	6.31	23.08					6.414965531	74.67837916			0.10	1.66	Excellent
2715	05/27/21 13:00:00	6.36	23.12					6.4661842	75.33167252			0.11	1.67	Excellent
2716	05/27/21 13:30:00	6.39	23.14					6.497073824	75.72020069			0.11	1.68	Excellent
2717	05/27/21 14:00:00	6.40	23.18					6.507630751	75.90065868			0.11	1.68	Excellent
2718	05/27/21 14:30:00	6.46	23.26					6.569032802	76.73276715			0.11	1.69	Excellent
2719	05/27/21 15:00:00	6.55	23.32					6.660950324	77.89466293			0.11	1.69	Excellent
2720	05/27/21 15:30:00	6.74	23.44					6.854578778	80.34060953			0.11	1.70	Excellent
2721	05/27/21 16:00:00	7.39	23.86					7.516078253	88.79160582			0.13	1.71	Excellent
2722	05/27/21 16:30:00	7.56	23.90					7.689438499	90.90765493			0.13	1.71	Excellent
2723	05/27/21 17:00:00	7.42	23.76					7.547492907	88.99579199			0.13	1.72	Excellent
2724	05/27/21 17:30:00	7.32	23.66					7.446220008	87.63701323			0.13	1.72	Excellent
2725	05/27/21 18:00:00	7.35	23.60					7.477184462	87.90229014			0.13	1.73	Excellent
2726	05/27/21 18:30:00	7.45	23.62					7.579368105	89.13706829			0.13	1.74	Excellent
2727	05/27/21 19:00:00	7.49	23.64					7.620518375	89.65470044			0.13	1.74	Excellent
2728	05/27/21 19:30:00	7.48	23.64					7.610799186	89.54035508			0.13	1.75	Excellent
2729	05/27/21 20:00:00	7.31	23.54					7.438271203	87.34620929			0.13	1.75	Excellent
2730	05/27/21 20:30:00	7.27	23.46					7.3980116	86.74271187			0.13	1.76	Excellent
2731	05/27/21 21:00:00	7.18	23.36					7.306863679	85.51264131			0.13	1.77	Excellent
2732	05/27/21 21:30:00	7.19	23.28					7.317477794	85.50763948			0.13	1.77	Excellent
2733	05/27/21 22:00:00	7.14	23.22					7.267025684	84.82186725			0.13	1.78	Excellent
2734	05/27/21 22:30:00	7.13	23.16					7.257281551	84.61206515			0.13	1.79	Excellent
2735	05/27/21 23:00:00	7.03	23.12					7.155924087	83.36720903			0.13	1.79	Excellent
2736	05/27/21 23:30:00	6.93	23.06				9.141	7.054554455	82.092897		9.545	0.12	1.80	Excellent
2737	05/28/21 00:00:00	6.85	23.02	6.66	7.55	7.13271		6.973533337	81.08856157	7.272		0.12	1.80	Excellent
2738	05/28/21 00:30:00	6.79	22.96					6.912864383	80.29166571			0.12	1.81	Excellent
2739	05/28/21 01:00:00	6.77	22.90					6.892914357	79.96880104			0.12	1.82	Excellent
2740	05/28/21 01:30:00	6.74	22.86					6.862779733	79.55870324			0.12	1.82	Excellent
2741	05/28/21 02:00:00	6.72	22.82					6.842824232	79.26706093			0.12	1.83	Excellent
2742	05/28/21 02:30:00	6.72	22.82					6.843233063	79.27179682			0.12	1.83	Excellent
2743	05/28/21 03:00:00	6.70	22.82					6.823273913	79.04059064			0.12	1.84	Excellent
2744	05/28/21 03:30:00	6.68	22.82					6.803312328	78.80935627			0.12	1.85	Excellent
2745	05/28/21 04:00:00	6.70	22.82					6.824089141	79.05003422			0.12	1.85	Excellent
2746	05/28/21 04:30:00	6.74	22.84					6.86524002	79.55697355			0.13	1.86	Excellent
2747	05/28/21 05:00:00	6.71	22.82					6.835090794	79.17747702			0.13	1.86	Excellent
2748	05/28/21 05:30:00	6.70	22.80					6.825311984	79.03412907			0.13	1.87	Excellent
2749	05/28/21 06:00:00	6.66	22.76					6.784969033	78.50719695			0.12	1.88	Excellent
2750	05/28/21 06:30:00	6.71	22.74					6.836315462	79.07120197			0.13	1.88	Excellent
2751	05/28/21 07:00:00	6.71	22.72					6.836723684	79.04581243			0.13	1.89	Excellent
2752	05/28/21 07:30:00	6.76	22.72					6.888079239	79.63958245			0.13	1.89	Excellent
2753	05/28/21 08:00:00	6.81	22.72					6.939440877	80.2334228			0.13	1.90	Excellent
2754	05/28/21 08:30:00	6.81	22.72					6.939855183	80.23821299			0.13	1.91	Excellent
2755	05/28/21 09:00:00	6.79	22.74					6.919886907	80.03781837			0.13	1.91	Excellent
2756	05/28/21 09:30:00	6.90	22.76					7.032410895	81.37028547			0.13	1.92	Excellent
2757	05/28/21 10:00:00	6.94	22.78					7.073600709	81.87804205			0.13	1.93	Excellent
2758	05/28/21 10:30:00	6.97	22.82					7.104602274	82.29948954			0.13	1.93	Excellent
2759	05/28/21 11:00:00	7.12	22.82					7.25793219	84.07565847			0.14	1.94	Excellent
2760	05/28/21 11:30:00	7.12	22.78					7.258365356	84.01672193			0.14	1.94	Excellent
2761	05/28/21 12:00:00	7.26	22.78					7.401527706	85.67384868			0.14	1.95	Excellent
2762	05/28/21 12:30:00	7.42	22.86					7.565098192	87.70052741			0.15	1.96	Excellent
2763	05/28/21 13:00:00	7.48	22.88					7.626726561	88.44858098			0.15	1.96	Excellent
2764	05/28/21 13:30:00	7.50	22.88					7.647575162	88.69036613			0.15	1.97	Excellent
2765	05/28/21 14:00:00	7.48	22.86					7.627636696	88.4255226			0.15	1.97	Excellent
2766	05/28/21 14:30:00	7.55	22.86					7.69947765	89.25835904			0.15	1.98	Excellent
2767	05/28/21 15:00:00	7.52	22.84					7.6693412	88.8751993			0.15	1.99	Excellent
2768	05/28/21 15:30:00	7.47	22.84					7.618802699	88.28954022			0.15	1.99	Excellent
2769	05/28/21 16:00:00	7.52	22.86					7.670256203	88.91960121			0.15	2.00	Excellent
2770	05/28/21 16:30:00	7.49	22.86					7.640112453	88.57015131			0.15	2.00	Excellent
2771	05/28/21 17:00:00	7.43	22.84					7.579361975	87.83248633			0.15	2.01	Excellent
2772	05/28/21 17:30:00	7.39	22.84					7.539007466	87.36484315			0.15	2.02	Excellent
2773	05/28/21 18:00:00	7.36	22.84					7.508850331	87.01537098			0.15	2.02	Excellent
2774	05/28/21 18:30:00	7.41	22.84					7.560312352	87.61173216			0.15	2.03	Excellent
2775	05/28/21 19:00:00	7.41	22.84					7.560763161	87.6169563			0.15	2.03	Excellent

2776	05/28/21 19:30:00	7.41	22.84					7.56121397	87.62218045			0.15	2.04	Excellent
2777	05/28/21 20:00:00	7.48	22.82					7.63309751	88.42156175			0.15	2.05	Excellent
2778	05/28/21 20:30:00	7.46	22.78					7.61314201	88.12331756			0.15	2.05	Excellent
2779	05/28/21 21:00:00	7.54	22.74					7.695243001	89.00585659			0.16	2.06	Excellent
2780	05/28/21 21:30:00	7.53	22.72					7.685495218	88.85926089			0.16	2.07	Excellent
2781	05/28/21 22:00:00	7.54	22.70					7.696160437	88.94867782			0.16	2.07	Excellent
2782	05/28/21 22:30:00	7.54	22.70					7.696619156	88.95397948			0.16	2.08	Excellent
2783	05/28/21 23:00:00	7.51	22.68					7.666452895	88.57157153			0.16	2.08	Excellent
2784	05/28/21 23:30:00	7.55	22.68				8.486	7.707745526	89.0486309		8.853	0.16	2.09	Excellent
2785	05/29/21 00:00:00	7.51	22.64	7.29	7.85	7.59167		7.667366681	88.51460824	7.762		0.16	2.10	Excellent
2786	05/29/21 00:30:00	7.50	22.64					7.657613423	88.40201341			0.16	2.10	Excellent
2787	05/29/21 01:00:00	7.48	22.62					7.637648188	88.13790283			0.16	2.11	Excellent
2788	05/29/21 01:30:00	7.47	22.60					7.627891888	87.99173614			0.16	2.11	Excellent
2789	05/29/21 02:00:00	7.47	22.58					7.628346348	87.96339954			0.16	2.12	Excellent
2790	05/29/21 02:30:00	7.45	22.56					7.608375638	87.69962637			0.16	2.13	Excellent
2791	05/29/21 03:00:00	7.49	22.54					7.649681653	88.14208171			0.16	2.13	Excellent
2792	05/29/21 03:30:00	7.47	22.50					7.629709726	87.84480741			0.16	2.14	Excellent
2793	05/29/21 04:00:00	7.48	22.48					7.640378595	87.93402501			0.16	2.14	Excellent
2794	05/29/21 04:30:00	7.43	22.46					7.589758572	87.3180399			0.16	2.15	Excellent
2795	05/29/21 05:00:00	7.42	22.44					7.579994971	87.17236478			0.16	2.16	Excellent
2796	05/29/21 05:30:00	7.37	22.42					7.529365214	86.55698413			0.16	2.16	Excellent
2797	05/29/21 06:00:00	7.39	22.40					7.550247276	86.76383117			0.16	2.17	Excellent
2798	05/29/21 06:30:00	7.41	22.38					7.571131772	86.97052509			0.16	2.17	Excellent
2799	05/29/21 07:00:00	7.43	22.34					7.592018702	87.14367861			0.16	2.18	Excellent
2800	05/29/21 07:30:00	7.39	22.32					7.551596053	86.64648732			0.16	2.19	Excellent
2801	05/29/21 08:00:00	7.45	22.30					7.613361307	87.32170171			0.16	2.19	Excellent
2802	05/29/21 08:30:00	7.47	22.28					7.634254321	87.52776978			0.16	2.20	Excellent
2803	05/29/21 09:00:00	7.50	22.28					7.665370261	87.88451829			0.17	2.20	Excellent
2804	05/29/21 09:30:00	7.53	22.26					7.696489852	88.20747266			0.17	2.21	Excellent
2805	05/29/21 10:00:00	7.56	22.24					7.727613093	88.53019793			0.17	2.22	Excellent
2806	05/29/21 10:30:00	7.65	22.20					7.820073897	89.52071576			0.17	2.22	Excellent
2807	05/29/21 11:00:00	7.65	22.18					7.820539307	89.49167311			0.17	2.23	Excellent
2808	05/29/21 11:30:00	7.67	22.16					7.841451789	89.69651832			0.17	2.24	Excellent
2809	05/29/21 12:00:00	7.71	22.14					7.882814992	90.13502357			0.17	2.24	Excellent
2810	05/29/21 12:30:00	7.75	22.12					7.924183062	90.57322369			0.17	2.25	Excellent
2811	05/29/21 13:00:00	7.80	22.12					7.975781359	91.162991			0.18	2.25	Excellent
2812	05/29/21 13:30:00	7.80	22.08					7.976255895	91.09833025			0.18	2.26	Excellent
2813	05/29/21 14:00:00	7.82	22.06					7.997183586	91.30221925			0.18	2.27	Excellent
2814	05/29/21 14:30:00	7.83	22.04					8.007886525	91.38923817			0.18	2.27	Excellent
2815	05/29/21 15:00:00	7.82	22.04					7.998135092	91.27795087			0.18	2.28	Excellent
2816	05/29/21 15:30:00	7.81	22.00					7.988382442	91.09648064			0.18	2.28	Excellent
2817	05/29/21 16:00:00	7.85	21.98					8.02977363	91.5332279			0.18	2.29	Excellent
2818	05/29/21 16:30:00	7.82	21.96					7.99956235	91.15371591			0.18	2.30	Excellent
2819	05/29/21 17:00:00	7.82	21.92					8.000038103	91.08888779			0.18	2.30	Excellent
2820	05/29/21 17:30:00	7.77	21.90					7.949359675	90.47696235			0.18	2.31	Excellent
2821	05/29/21 18:00:00	7.83	21.88					8.011221053	91.14588115			0.18	2.31	Excellent
2822	05/29/21 18:30:00	7.78	21.86					7.960537149	90.5342948			0.18	2.32	Excellent
2823	05/29/21 19:00:00	7.78	21.84					7.961010469	90.50473694			0.18	2.33	Excellent
2824	05/29/21 19:30:00	7.75	21.80					7.930783979	90.09149898			0.18	2.33	Excellent
2825	05/29/21 20:00:00	7.70	21.78					7.880086083	89.48100748			0.18	2.34	Excellent
2826	05/29/21 20:30:00	7.66	21.74					7.839616589	88.95267116			0.18	2.34	Excellent
2827	05/29/21 21:00:00	7.63	21.70					7.809377324	88.54104398			0.18	2.35	Excellent
2828	05/29/21 21:30:00	7.55	21.66					7.727955892	87.55011472			0.18	2.36	Excellent
2829	05/29/21 22:00:00	7.50	21.60					7.67723366	86.87448338			0.18	2.36	Excellent
2830	05/29/21 22:30:00	7.29	21.54					7.462714627	84.34886333			0.17	2.37	Excellent
2831	05/29/21 23:00:00	7.38	21.50					7.55529589	85.32904783			0.18	2.38	Excellent
2832	05/29/21 23:30:00	7.31	21.46				8.010	7.484077917	84.45911687		8.325	0.17	2.38	Excellent
2833	05/30/21 00:00:00	7.23	21.42	6.79	7.56	7.17938		7.402612682	83.47489228	7.361		0.17	2.39	Excellent
2834	05/30/21 00:30:00	7.18	21.38					7.351855773	82.83811625			0.17	2.39	Excellent
2835	05/30/21 01:00:00	7.13	21.36					7.301092781	82.23415278			0.17	2.40	Excellent
2836	05/30/21 01:30:00	7.07	21.30					7.240083134	81.45184967			0.17	2.41	Excellent
2837	05/30/21 02:00:00	6.99	21.26					7.158583829	80.47227499			0.17	2.41	Excellent
2838	05/30/21 02:30:00	6.86	21.22					7.025865856	78.91881826			0.17	2.42	Excellent
2839	05/30/21 03:00:00	6.96	21.18					7.128707158	80.01157868			0.17	2.42	Excellent
2840	05/30/21 03:30:00	6.92	21.14					7.088158575	79.49441611			0.17	2.43	Excellent
2841	05/30/21 04:00:00	6.91	21.10					7.078335962	79.32229908			0.17	2.44	Excellent
2842	05/30/21 04:30:00	6.89	21.06					7.058267911	79.03563945			0.17	2.44	Excellent
2843	05/30/21 05:00:00	6.87	21.02					7.038197427	78.74931352			0.17	2.45	Excellent
2844	05/30/21 05:30:00	6.83	20.98					6.997633634	78.23423127			0.17	2.45	Excellent
2845	05/30/21 06:00:00	6.80	20.96					6.967311021	77.86474761			0.17	2.46	Excellent
2846	05/30/21 06:30:00	6.79	20.92					6.957478065	77.69400267			0.17	2.47	Excellent
2847	05/30/21 07:00:00	6.80	20.90					6.968138417	77.78257628			0.17	2.47	Excellent
2848	05/30/21 07:30:00	6.80	20.86					6.968552115	77.72625719			0.17	2.48	Excellent
2849	05/30/21 08:00:00	6.82	20.84					6.989462771	77.92893538			0.17	2.48	Excellent
2850	05/30/21 08:30:00	6.84	20.82					7.010375861	78.13146027			0.17	2.49	Excellent
2851	05/30/21 09:00:00	6.85	20.78					7.021041688	78.1889554			0.17	2.50	Excellent
2852	05/30/21 09:30:00	6.88	20.76					7.052209341	78.5052291			0.17	2.50	Excellent
2853	05/30/21 10:00:00	6.92	20.74					7.093631557	78.93534183			0.17	2.51	Excellent
2854	05/30/21 10:30:00	6.98	20.72					7.155561681	79.59320989			0.18	2.52	Excellent
2855	05/30/21 11:00:00	7.05	20.70					7.227751236	80.36461272			0.18	2.52	Excellent
2856	05/30/21 11:30:00	7.12	20.68					7.299949308	81.13548188			0.18	2.53	Excellent
2857	05/30/21 12:00:00	7.19	20.70					7.372155898	81.9702331			0.18	2.53	Excellent
2858	05/30/21 12:30:00	7.26	20.72					7.444371004	82.80571257			0.18	2.54	Excellent
2859	05/30/21 13:00:00	7.31	20.72					7.496085502	83.38094664			0.19	2.55	Excellent
2860	05/30/21 13:30:00	7.36	20.70					7.547806084	83.92326922			0.19	2.55	Excellent
2861	05/30/21 14:00:00	7.41	20.70					7.59953275	84.49841263			0.19	2.56	Excellent
2862	05/30/21 14:30:00	7.42	20.70					7.610239947	84.61746484			0.19	2.56	Excellent
2863	05/30/21 15:00:00	7.47	20.72					7.661976347	85.22619449			0.19	2.57	Excellent
2864	05/30/21 15:30:00	7.52	20.76					7.713718831	85.869156			0.19	2.58	Excellent
2865	05/30/21 16:00:00	7.53	20.76					7.724434545	85.98844339			0.19	2.58	Excellent
2866	05/30/21 16:30:00	7.56	20.76					7.75566912	86.33614682			0.20	2.59	Excellent
2867	05/30/21 17:00:00	7.55	20.74					7.745869625	86.1932089			0.20	2.59	Excellent
2868	05/30/21 17:30:00	7.53	20.72					7.725808875	85.93622062			0.20	2.60	Excellent
2869	05/30/21 18:00:00	7.53	20.72					7.726266984	85.9413163			0.20	2.61	Excellent
2870	05/30/21 18:30:00	7.49	20.70					7.685680074	85.45627574			0.20	2.61	Excellent
2871	05/30/21 19:00:00	7.47	20.68					7.665612023	85.1996499			0.20	2.62	Excellent
2872	05/30/21 19:30:00	7.46	20.68					7.65580401	85.09063848			0.20	2.62	Excellent
2873	05/30/21 20:00:00	7.44	20.66					7.635731701	84.83418616			0.20	2.63	Excellent
2874	05/30/21 20:30:00	7.42	20.62					7.615656958	84.54461962			0.20	2.64	Excellent
2875	05/30/21 21:00:00	7.42	20.60					7.616108376	84.51636646			0.20	2.64	Excellent
2876	05/30/21 21:30:00	7.39	20.58					7.585765077	84.14651582			0.20	2.65	Excellent
2877	05/30/21 22:00:00	7.37	20.56					7.565683642	83.89071964			0.20	2.66	Excellent
2878	05/30/21 22:30:00	7.37	20.54					7.566132018	83.8626529			0.20	2.66	Excellent
2879	05/30/21 23:00:00	7.34	20.54					7.535780202	83.5262348			0.20	2.67	Excellent
2880	05/30/21 23:30:00	7.31	20.52				7.608	7.505424735	83.15700542		7.858	0.20	2.67	Excellent
2881	05/31/21 00:00:00	7.29	20.50	7.06	8.10	7.51979		7.485333566	82.90172304	7.732		0.20	2.68	Excellent
2882	05/31/21 00:30:00	7.26	20.48					7.454971408	82.53291002			0.19	2.69	Excellent
2883	05/31/21 01:00:00	7.25	20.46					7.445143927	82.39161146			0.20	2.69	Excellent
2884	05/31/21 01:30:00	7.21	20.44					7.404505913	81.90957126			0.19	2.70	Excellent
2885	05/31/21 02:00:00	7.19	20.42					7.384403793	81.65496935			0.19	2.70	Excellent
2886	05/31/21 02:30:00	7.18	20.38					7.374570228	81.4818661			0.19	2.71	Excellent
2887	05/31/21 03:00:00	7.19	20.36					7.385278642	81.56795775			0.20	2.72	Excellent
2888	05/31/21 03:30:00	7.19	20.32					7.385716067	81.50834083			0.20	2.72	Excellent
2889	05/31/21 04:00:00	7.16	20.30					7.355335049	81.14096991			0.20	2.73	Excellent
2890	05/31/21 04:30:00	7.07	20.30					7.263309845	80.12578647			0.19	2.73	Excellent
2891	05/31/21 05:00:00	7.14	20.28					7.335658186	80.89190364			0.20	2.74	Excellent

2892	05/31/21 05:30:00	7.10	20.28					7.294994012	80.44349091			0.19	2.75	Excellent
2893	05/31/21 06:00:00	7.09	20.26					7.285150713	80.30317016			0.20	2.75	Excellent
2894	05/31/21 06:30:00	7.06	20.26					7.254754486	79.96811691			0.19	2.76	Excellent
2895	05/31/21 07:00:00	7.06	20.24					7.255184001	79.94120804			0.20	2.76	Excellent
2896	05/31/21 07:30:00	7.10	20.24					7.296721809	80.39889216			0.20	2.77	Excellent
2897	05/31/21 08:00:00	7.14	20.24					7.338264484	80.85662991			0.20	2.78	Excellent
2898	05/31/21 08:30:00	7.21	20.26					7.410646895	81.68649655			0.20	2.78	Excellent
2899	05/31/21 09:00:00	7.23	20.30					7.431643333	81.98277088			0.20	2.79	Excellent
2900	05/31/21 09:30:00	7.26	20.34					7.462921711	82.39293754			0.20	2.80	Excellent
2901	05/31/21 10:00:00	7.29	20.38					7.494203739	82.80370064			0.20	2.80	Excellent
2902	05/31/21 10:30:00	7.36	20.44					7.56661231	83.70281251			0.21	2.81	Excellent
2903	05/31/21 11:00:00	7.41	20.48					7.618466735	84.34294314			0.21	2.81	Excellent
2904	05/31/21 11:30:00	7.44	20.50					7.649763365	84.72281939			0.21	2.82	Excellent
2905	05/31/21 12:00:00	7.48	20.54					7.691346193	85.25052095			0.21	2.83	Excellent
2906	05/31/21 12:30:00	7.51	20.58					7.722650731	85.6649455			0.21	2.83	Excellent
2907	05/31/21 13:00:00	7.56	20.62					7.774526449	86.30829684			0.21	2.84	Excellent
2908	05/31/21 13:30:00	7.64	20.62					7.857261372	87.22677211			0.22	2.84	Excellent
2909	05/31/21 14:00:00	7.71	20.62					7.929721048	88.03117753			0.22	2.85	Excellent
2910	05/31/21 14:30:00	7.76	20.64					7.98161806	88.64217184			0.22	2.86	Excellent
2911	05/31/21 15:00:00	7.77	20.64					7.992376361	88.76165127			0.22	2.86	Excellent
2912	05/31/21 15:30:00	7.85	20.64					8.075143528	89.68084602			0.23	2.87	Excellent
2913	05/31/21 16:00:00	7.90	20.66					8.127058183	90.29290103			0.23	2.87	Excellent
2914	05/31/21 16:30:00	7.95	20.70					8.178978922	90.94121422			0.23	2.88	Excellent
2915	05/31/21 17:00:00	7.99	20.72					8.220617112	91.44010385			0.23	2.89	Excellent
2916	05/31/21 17:30:00	8.06	20.70					8.293127891	92.21042471			0.23	2.89	Excellent
2917	05/31/21 18:00:00	8.10	20.68					8.334777641	92.63710906			0.23	2.90	Excellent
2918	05/31/21 18:30:00	8.07	20.64					8.304399056	92.22690971			0.23	2.90	Excellent
2919	05/31/21 19:00:00	8.06	20.58					8.294598953	92.00938797			0.23	2.91	Excellent
2920	05/31/21 19:30:00	8.00	20.52					8.233339262	91.22199765			0.23	2.92	Excellent
2921	05/31/21 20:00:00	7.93	20.42					8.161779988	90.25100922			0.23	2.92	Excellent
2922	05/31/21 20:30:00	7.90	20.32					8.131383761	89.73748692			0.23	2.93	Excellent
2923	05/31/21 21:00:00	7.86	20.26					8.090690384	89.18251827			0.23	2.93	Excellent
2924	05/31/21 21:30:00	7.83	20.18					8.060286247	88.70677523			0.23	2.94	Excellent
2925	05/31/21 22:00:00	7.81	20.12					8.040173176	88.38026273			0.23	2.95	Excellent
2926	05/31/21 22:30:00	7.81	20.08					8.040648321	88.31538875			0.23	2.95	Excellent
2927	05/31/21 23:00:00	7.77	20.04					7.999939734	87.79853022			0.23	2.96	Excellent
2928	05/31/21 23:30:00	7.75	20.00				7.418	7.979819363	87.50816645		7.600	0.23	2.97	Excellent
2929	06/01/21 00:00:00	7.75	19.96	7.62	9.74	8.48521		7.980290857	87.44379904	8.689		0.23	2.97	Excellent
2930	06/01/21 00:30:00	7.73	19.92					7.960166835	87.15393906			0.23	2.98	Excellent
2931	06/01/21 01:00:00	7.74	19.90					7.970935479	87.23712372			0.23	2.98	Excellent
2932	06/01/21 01:30:00	7.71	19.86					7.940509441	86.83496492			0.23	2.99	Excellent
2933	06/01/21 02:00:00	7.72	19.82					7.951278084	86.8834806			0.23	3.00	Excellent
2934	06/01/21 02:30:00	7.74	19.78					7.972348136	87.04429326			0.23	3.00	Excellent
2935	06/01/21 03:00:00	7.73	19.74					7.962518222	86.86764465			0.23	3.01	Excellent
2936	06/01/21 03:30:00	7.70	19.70					7.932084275	86.46657634			0.23	3.01	Excellent
2937	06/01/21 04:00:00	7.72	19.64					7.95315676	86.59245942			0.23	3.02	Excellent
2938	06/01/21 04:30:00	7.71	19.62					7.943323804	86.4508399			0.23	3.03	Excellent
2939	06/01/21 05:00:00	7.71	19.58					7.943792864	86.38682868			0.23	3.03	Excellent
2940	06/01/21 05:30:00	7.65	19.56					7.882438875	85.68533173			0.23	3.04	Excellent
2941	06/01/21 06:00:00	7.67	19.52					7.903513185	85.84566863			0.23	3.04	Excellent
2942	06/01/21 06:30:00	7.62	19.48					7.85245452	85.22278969			0.23	3.05	Excellent
2943	06/01/21 07:00:00	7.68	19.46					7.914752106	85.8644921			0.23	3.06	Excellent
2944	06/01/21 07:30:00	7.75	19.40					7.987363268	86.54805331			0.24	3.06	Excellent
2945	06/01/21 08:00:00	7.84	19.38					8.080596714	87.52317166			0.24	3.07	Excellent
2946	06/01/21 08:30:00	7.88	19.34					8.122303651	87.90430865			0.24	3.07	Excellent
2947	06/01/21 09:00:00	7.89	19.32					8.133091155	87.98571345			0.24	3.08	Excellent
2948	06/01/21 09:30:00	8.02	19.30					8.267584379	89.40476764			0.25	3.09	Excellent
2949	06/01/21 10:00:00	8.12	19.30					8.37116547	90.52488242			0.25	3.09	Excellent
2950	06/01/21 10:30:00	8.19	19.28					8.443828953	91.27396908			0.25	3.10	Excellent
2951	06/01/21 11:00:00	8.27	19.26					8.526811486	92.13392667			0.26	3.11	Excellent
2952	06/01/21 11:30:00	8.32	19.26					8.578870327	92.696433			0.26	3.11	Excellent
2953	06/01/21 12:00:00	8.34	19.24					8.60	92.88738235			0.26	3.12	Excellent
2954	06/01/21 12:30:00	8.44	19.26					8.59	93.26678512			0.15	1.78	Excellent
2955	06/01/21 13:00:00	8.47	19.16					8.620764026	93.41261034			0.15	1.78	Excellent
2956	06/01/21 13:30:00	8.56	19.16					8.712599308	94.40771628			0.15	1.78	Excellent
2957	06/01/21 14:00:00	8.61	19.16					8.763725325	94.96170601			0.15	1.79	Excellent
2958	06/01/21 14:30:00	8.65	19.14					8.804675252	95.36699656			0.15	1.79	Excellent
2959	06/01/21 15:00:00	8.73	19.12					8.886343712	96.21279385			0.16	1.79	Excellent
2960	06/01/21 15:30:00	8.79	19.08					8.947657811	96.79854455			0.16	1.79	Excellent
2961	06/01/21 16:00:00	8.89	19.06					9.049693712	97.86291036			0.16	1.80	Excellent
2962	06/01/21 16:30:00	9.00	19.06					9.161914971	99.07646513			0.16	1.80	Excellent
2963	06/01/21 17:00:00	9.11	19.04					9.274142225	100.2496182			0.16	1.80	Excellent
2964	06/01/21 17:30:00	9.21	19.02					9.376195025	101.311858			0.17	1.80	Excellent
2965	06/01/21 18:00:00	9.28	18.98					9.447711106	102.002174			0.17	1.81	Excellent
2966	06/01/21 18:30:00	9.32	18.94					9.488688016	102.3618056			0.17	1.81	Excellent
2967	06/01/21 19:00:00	9.40	18.90					9.570392179	103.1597368			0.17	1.81	Excellent
2968	06/01/21 19:30:00	9.46	18.84					9.631737621	103.6949929			0.17	1.82	Excellent
2969	06/01/21 20:00:00	9.49	18.80					9.662540894	103.9423754			0.17	1.82	Excellent
2970	06/01/21 20:30:00	9.54	18.74					9.713709974	104.3658034			0.17	1.82	Excellent
2971	06/01/21 21:00:00	9.63	18.70					9.805611214	105.2677488			0.18	1.82	Excellent
2972	06/01/21 21:30:00	9.68	18.66					9.856786835	105.7312528			0.18	1.83	Excellent
2973	06/01/21 22:00:00	9.72	18.58					9.897782279	105.9985481			0.18	1.83	Excellent
2974	06/01/21 22:30:00	9.74	18.48					9.91841355	106.0035587			0.18	1.83	Excellent
2975	06/01/21 23:00:00	9.70	18.38					9.877945219	105.3560828			0.18	1.83	Excellent
2976	06/01/21 23:30:00	9.67	18.32				7.468	9.84765843	104.9045063		7.629	0.18	1.84	Excellent
2977	06/02/21 00:00:00	9.70	18.28	9.70	10.72	10.27646		9.878473967	105.1468294	10.472		0.18	1.84	Excellent
2978	06/02/21 00:30:00	9.71	18.26					9.888922608	105.2150315			0.18	1.84	Excellent
2979	06/02/21 01:00:00	9.73	18.24					9.909556332	105.391468			0.18	1.85	Excellent
2980	06/02/21 01:30:00	9.75	18.22					9.930191147	105.5677401			0.18	1.85	Excellent
2981	06/02/21 02:00:00	9.80	18.22					9.981382303	106.1119527			0.18	1.85	Excellent
2982	06/02/21 02:30:00	9.81	18.22					9.991834759	106.2230726			0.18	1.85	Excellent
2983	06/02/21 03:00:00	9.77	18.20					9.951359615	105.7495072			0.18	1.86	Excellent
2984	06/02/21 03:30:00	9.82	18.20					10.00255541	106.2935464			0.18	1.86	Excellent
2985	06/02/21 04:00:00	9.84	18.20					10.0231954	106.5128801			0.18	1.86	Excellent
2986	06/02/21 04:30:00	9.89	18.20					10.07439582	107.0569686			0.18	1.86	Excellent
2987	06/02/21 05:00:00	9.91	18.18					10.09503881	107.2324383			0.19	1.87	Excellent
2988	06/02/21 05:30:00	9.93	18.18					10.11568289	107.4517257			0.19	1.87	Excellent
2989	06/02/21 06:00:00	9.94	18.16					10.1261408	107.5187851			0.19	1.87	Excellent
2990	06/02/21 06:30:00	10.01	18.16					10.19772447	108.2788565			0.19	1.88	Excellent
2991	06/02/21 07:00:00	10.06	18.14					10.24893635	108.7780634			0.19	1.88	Excellent
2992	06/02/21 07:30:00	10.09	18.10					10.27977478	109.0159972			0.19	1.88	Excellent
2993	06/02/21 08:00:00	10.13	18.10					10.3208032	109.4510995			0.19	1.88	Excellent
2994	06/02/21 08:30:00	10.16	18.08					10.35164517	109.7331823			0.19	1.89	Excellent
2995	06/02/21 09:00:00	10.22	18.06					10.41305548	110.338909			0.19	1.89	Excellent
2996	06/02/21 09:30:00	10.23	18.04					10.4235232	110.4045288			0.19	1.89	Excellent
2997	06/02/21 10:00:00	10.27	18.02					10.4645598	110.7937098			0.19	1.89	Excellent
2998	06/02/21 10:30:00	10.31	18.02					10.50559858	111.2282085			0.20	1.90	Excellent
2999	06/02/21 11:00:00	10.35	18.02					10.54663954	111.6627304			0.20	1.90	Excellent
3000	06/02/21 11:30:00	10.41	18.00					10.6080632	112.2669617			0.20	1.90	Excellent
3001	06/02/21 12:00:00	10.42	18.00					10.61853746	112.3778126			0.20	1.91	Excellent
3002	06/02/21 12:30:00	10.34	18.04					10.537295	111.6095841			0.20	1.91	Excellent
3003	06/02/21 13:00:00	10.26	18.08					10.45604818	110.839912			0.20	1.91	Excellent
3004	06/02/21 13:30:00	10.15	18.12					10.34422294	109.7444283			0.19	1.91	Excellent
3005	06/02/21 14:00:00	10.11	18.08					10.30373307	109.2252874			0.19	1.92	Excellent
3006	06/02/21 14:30:00	10.44	18.10					10.64034125	112.839769			0.20	1.92	Excellent
3007	06/02/21 15:00:00	10.53	18.10					10.73235532	113.8155692			0.20	1.92	Excellent

3008	06/02/21 15:30:00	10.54	18.14					10.74283476	114.0201014			0.20	1.92	Excellent
3009	06/02/21 16:00:00	10.59	18.18					10.79408561	114.6579167			0.20	1.93	Excellent
3010	06/02/21 16:30:00	10.61	18.22					10.81476021	114.971583			0.20	1.93	Excellent
3011	06/02/21 17:00:00	10.63	18.22					10.83543591	115.1913861			0.21	1.93	Excellent
3012	06/02/21 17:30:00	10.67	18.26					10.87649976	115.7225423			0.21	1.94	Excellent
3013	06/02/21 18:00:00	10.66	18.28					10.86659677	115.6644437			0.21	1.94	Excellent
3014	06/02/21 18:30:00	10.71	18.30					10.9178577	116.2575599			0.21	1.94	Excellent
3015	06/02/21 19:00:00	10.72	18.34					10.92834395	116.4643103			0.21	1.94	Excellent
3016	06/02/21 19:30:00	10.72	18.36					10.92863613	116.5149754			0.21	1.95	Excellent
3017	06/02/21 20:00:00	10.70	18.40					10.90853851	116.3956454			0.21	1.95	Excellent
3018	06/02/21 20:30:00	10.68	18.42					10.8884398	116.2285774			0.21	1.95	Excellent
3019	06/02/21 21:00:00	10.68	18.44					10.88873089	116.2790777			0.21	1.95	Excellent
3020	06/02/21 21:30:00	10.70	18.46					10.9094134	116.54743			0.21	1.96	Excellent
3021	06/02/21 22:00:00	10.69	18.48					10.89950904	116.4890675			0.21	1.96	Excellent
3022	06/02/21 22:30:00	10.67	18.50					10.87940788	116.3215994			0.21	1.96	Excellent
3023	06/02/21 23:00:00	10.62	18.50					10.82871603	115.779607			0.21	1.97	Excellent
3024	06/02/21 23:30:00	10.59	18.50				7.850	10.79841507	115.455632		8.023	0.21	1.97	Excellent
3025	06/03/21 00:00:00	10.56	18.50	9.43	10.56	10.22354		10.76811247	115.1316395	10.431		0.21	1.97	Excellent
3026	06/03/21 00:30:00	10.52	18.52					10.72761089	114.7453073			0.21	1.97	Excellent
3027	06/03/21 01:00:00	10.51	18.52					10.71769999	114.6392978			0.21	1.98	Excellent
3028	06/03/21 01:30:00	10.50	18.54					10.70778855	114.5799069			0.21	1.98	Excellent
3029	06/03/21 02:00:00	10.48	18.54					10.6876784	114.3647159			0.21	1.98	Excellent
3030	06/03/21 02:30:00	10.45	18.56					10.65736871	114.0867923			0.21	1.98	Excellent
3031	06/03/21 03:00:00	10.44	18.56					10.64745482	113.9806643			0.21	1.99	Excellent
3032	06/03/21 03:30:00	10.42	18.56					10.62734139	113.7653508			0.21	1.99	Excellent
3033	06/03/21 04:00:00	10.41	18.58					10.61742613	113.7054467			0.21	1.99	Excellent
3034	06/03/21 04:30:00	10.42	18.60					10.62790939	113.864003			0.21	2.00	Excellent
3035	06/03/21 05:00:00	10.38	18.62					10.58739418	113.4760512			0.21	2.00	Excellent
3036	06/03/21 05:30:00	10.39	18.62					10.59787716	113.5884081			0.21	2.00	Excellent
3037	06/03/21 06:00:00	10.37	18.64					10.57775965	113.4188648			0.21	2.00	Excellent
3038	06/03/21 06:30:00	10.35	18.66					10.55764104	113.2491381			0.21	2.01	Excellent
3039	06/03/21 07:00:00	10.36	18.70					10.56812402	113.4536747			0.21	2.01	Excellent
3040	06/03/21 07:30:00	10.35	18.72					10.55820522	113.3931982			0.21	2.01	Excellent
3041	06/03/21 08:00:00	10.34	18.74					10.54828587	113.3326332			0.21	2.01	Excellent
3042	06/03/21 08:30:00	10.34	18.80					10.54856769	113.4735878			0.21	2.02	Excellent
3043	06/03/21 09:00:00	10.36	18.82					10.56925347	113.7421831			0.21	2.02	Excellent
3044	06/03/21 09:30:00	10.37	18.86					10.57973809	113.9472633			0.21	2.02	Excellent
3045	06/03/21 10:00:00	10.35	18.88					10.55961567	113.7765804			0.21	2.03	Excellent
3046	06/03/21 10:30:00	10.35	18.92					10.55989776	113.8717178			0.21	2.03	Excellent
3047	06/03/21 11:00:00	10.34	18.96					10.54997678	113.8567621			0.21	2.03	Excellent
3048	06/03/21 11:30:00	10.37	19.00					10.58086863	114.2824616			0.21	2.03	Excellent
3049	06/03/21 12:00:00	10.41	19.04					10.62196573	114.8190295			0.21	2.04	Excellent
3050	06/03/21 12:30:00	10.46	19.08					10.67326891	115.466742			0.21	2.04	Excellent
3051	06/03/21 13:00:00	10.45	19.12					10.66334983	115.4525092			0.21	2.04	Excellent
3052	06/03/21 13:30:00	10.48	19.16					10.69424795	115.8804039			0.21	2.04	Excellent
3053	06/03/21 14:00:00	10.51	19.22					10.72514771	116.3556985			0.22	2.05	Excellent
3054	06/03/21 14:30:00	10.50	19.32					10.71522918	116.4820719			0.22	2.05	Excellent
3055	06/03/21 15:00:00	10.51	19.36					10.72572061	116.6898303			0.22	2.05	Excellent
3056	06/03/21 15:30:00	10.49	19.38					10.70559601	116.5176581			0.22	2.06	Excellent
3057	06/03/21 16:00:00	10.43	19.38					10.64464713	115.8543022			0.21	2.06	Excellent
3058	06/03/21 16:30:00	10.34	19.36					10.55307677	114.811562			0.21	2.06	Excellent
3059	06/03/21 17:00:00	10.24	19.36					10.45129516	113.7042351			0.21	2.06	Excellent
3060	06/03/21 17:30:00	10.14	19.38					10.34950809	112.6420654			0.21	2.07	Excellent
3061	06/03/21 18:00:00	10.01	19.40					10.21709491	111.2455473			0.21	2.07	Excellent
3062	06/03/21 18:30:00	9.95	19.46					10.15612477	110.7148403			0.21	2.07	Excellent
3063	06/03/21 19:00:00	9.88	19.50					10.08494393	110.0270374			0.20	2.07	Excellent
3064	06/03/21 19:30:00	9.86	19.54					10.0647978	109.8952404			0.20	2.08	Excellent
3065	06/03/21 20:00:00	9.75	19.58					9.952778773	108.7591625			0.20	2.08	Excellent
3066	06/03/21 20:30:00	9.66	19.60					9.861170252	107.8012296			0.20	2.08	Excellent
3067	06/03/21 21:00:00	9.56	19.64					9.759348303	106.7734845			0.20	2.09	Excellent
3068	06/03/21 21:30:00	9.53	19.70					9.728982474	106.5689319			0.20	2.09	Excellent
3069	06/03/21 22:00:00	9.52	19.74					9.719033146	106.5449919			0.20	2.09	Excellent
3070	06/03/21 22:30:00	9.45	19.78					9.647827227	105.8488292			0.20	2.09	Excellent
3071	06/03/21 23:00:00	9.44	19.82					9.637875174	105.8240019			0.20	2.10	Excellent
3072	06/03/21 23:30:00	9.43	19.84				8.344	9.627922576	105.7568633		8.531	0.20	2.10	Excellent
3073	06/04/21 00:00:00	9.42	19.88	8.83	9.73	9.29917		9.617969432	105.7317391	9.501		0.20	2.10	Excellent
3074	06/04/21 00:30:00	9.42	19.88					9.618226175	105.7345615			0.20	2.10	Excellent
3075	06/04/21 01:00:00	9.41	19.92					9.608272214	105.7092697			0.20	2.11	Excellent
3076	06/04/21 01:30:00	9.35	19.94					9.547262826	105.079855			0.20	2.11	Excellent
3077	06/04/21 02:00:00	9.33	19.96					9.527095163	104.8996037			0.20	2.11	Excellent
3078	06/04/21 02:30:00	9.31	19.96					9.50692641	104.6775324			0.20	2.12	Excellent
3079	06/04/21 03:00:00	9.33	19.98					9.527603742	104.9469286			0.20	2.12	Excellent
3080	06/04/21 03:30:00	9.32	20.00					9.517645965	104.8789282			0.20	2.12	Excellent
3081	06/04/21 04:00:00	9.33	20.00					9.528112322	104.9942614			0.20	2.12	Excellent
3082	06/04/21 04:30:00	9.31	20.02					9.507941388	104.8136351			0.20	2.13	Excellent
3083	06/04/21 05:00:00	9.29	20.02					9.487769364	104.5912627			0.20	2.13	Excellent
3084	06/04/21 05:30:00	9.25	20.04					9.447169937	104.1850856			0.20	2.13	Excellent
3085	06/04/21 06:00:00	9.26	20.04					9.457635476	104.3005014			0.20	2.13	Excellent
3086	06/04/21 06:30:00	9.23	20.06					9.427246752	104.0066679			0.20	2.14	Excellent
3087	06/04/21 07:00:00	9.25	20.08					9.447926265	104.2762086			0.20	2.14	Excellent
3088	06/04/21 07:30:00	9.29	20.08					9.489035362	104.7299272			0.20	2.14	Excellent
3089	06/04/21 08:00:00	9.29	20.12					9.489288561	104.8158794			0.20	2.15	Excellent
3090	06/04/21 08:30:00	9.28	20.14					9.479326969	104.7473868			0.20	2.15	Excellent
3091	06/04/21 09:00:00	9.32	20.14					9.520440154	105.201691			0.20	2.15	Excellent
3092	06/04/21 09:30:00	9.34	20.16					9.541124845	105.4720729			0.20	2.15	Excellent
3093	06/04/21 10:00:00	9.36	20.20					9.561810626	105.784563			0.20	2.16	Excellent
3094	06/04/21 10:30:00	9.36	20.20					9.562065734	105.7873853			0.20	2.16	Excellent
3095	06/04/21 11:00:00	9.42	20.26					9.623617769	106.5949175			0.20	2.16	Excellent
3096	06/04/21 11:30:00	9.45	20.32					9.654523794	107.0642488			0.20	2.16	Excellent
3097	06/04/21 12:00:00	9.49	20.40					9.695648154	107.6904065			0.21	2.17	Excellent
3098	06/04/21 12:30:00	9.51	20.42					9.716340749	107.962867			0.21	2.17	Excellent
3099	06/04/21 13:00:00	9.54	20.52					9.747251679	108.5201921			0.21	2.17	Excellent
3100	06/04/21 13:30:00	9.55	20.52					9.75772921	108.6368428			0.21	2.18	Excellent
3101	06/04/21 14:00:00	9.52	20.48					9.727336126	108.213085			0.21	2.18	Excellent
3102	06/04/21 14:30:00	9.65	20.58					9.860430407	109.9101044			0.21	2.18	Excellent
3103	06/04/21 15:00:00	9.73	20.68					9.9424401	111.0425122			0.21	2.18	Excellent
3104	06/04/21 15:30:00	9.68	20.76					9.891612253	110.6486327			0.21	2.19	Excellent
3105	06/04/21 16:00:00	9.69	20.90					9.902094962	111.0704866			0.21	2.19	Excellent
3106	06/04/21 16:30:00	9.55	20.94					9.759290925	109.5544748			0.21	2.19	Excellent
3107	06/04/21 17:00:00	9.44	21.00					9.647137531	108.4227284			0.21	2.19	Excellent
3108	06/04/21 17:30:00	9.25	21.02					9.453220559	106.2848951			0.20	2.20	Excellent
3109	06/04/21 18:00:00	9.24	21.10					9.443252698	106.3389633			0.20	2.20	Excellent
3110	06/04/21 18:30:00	9.23	21.20					9.433284292	106.4342396			0.20	2.20	Excellent
3111	06/04/21 19:00:00	9.16	21.18					9.361992247	105.5886642			0.20	2.21	Excellent
3112	06/04/21 19:30:00	9.13	21.10					9.331579539	105.0814297			0.20	2.21	Excellent
3113	06/04/21 20:00:00	9.00	20.94					9.198954589	103.26433			0.20	2.21	Excellent
3114	06/04/21 20:30:00	8.86	20.82					9.05610122	101.4218852			0.20	2.21	Excellent
3115	06/04/21 21:00:00	8.86	20.76					9.056342699	101.3052182			0.20	2.22	Excellent
3116	06/04/21 21:30:00	8.87	20.72					9.066806057	101.3426053			0.20	2.22	Excellent
3117	06/04/21 22:00:00	8.90	20.70					9.097714262	101.6481167			0.20	2.22	Excellent
3118	06/04/21 22:30:00	8.89	20.70					9.087734409	101.5366125			0.20	2.22	Excellent
3119	06/04/21 23:00:00	8.87	20.68					9.067531314	101.2710609			0.20	2.23	Excellent
3120	06/04/21 23:30:00	8.83	20.66				8.654	9.026881193	100.7774163		8.850	0.20	2.23	Excellent
3121	06/05/21 00:00:00	8.78	20.66	8.57	10.31	9.30375		8.97600565	100.2094343	9.518		0.20	2.23	Excellent
3122	06/05/21 00:30:00	8.78	20.64					8.976244949	100.1726892			0.20	2.24	Excellent
3123	06/05/21 01:00:00	8.78	20.64					8.976484248	100.1753597			0.20	2.24	Excellent

3124	06/05/21 01:30:00	8.81	20.62					9.007395724	100.4807739			0.20	2.24	Excellent
3125	06/05/21 02:00:00	8.75	20.62					8.946289853	99.79911568			0.20	2.24	Excellent
3126	06/05/21 02:30:00	8.73	20.62					8.926079127	99.57365769			0.20	2.25	Excellent
3127	06/05/21 03:00:00	8.73	20.62					8.926317064	99.57631196			0.20	2.25	Excellent
3128	06/05/21 03:30:00	8.68	20.60					8.875429256	98.96967216			0.20	2.25	Excellent
3129	06/05/21 04:00:00	8.69	20.60					8.885891251	99.08633358			0.20	2.25	Excellent
3130	06/05/21 04:30:00	8.58	20.60					8.773645464	97.83468383			0.19	2.26	Excellent
3131	06/05/21 05:00:00	8.59	20.60					8.784105279	97.95132095			0.19	2.26	Excellent
3132	06/05/21 05:30:00	8.59	20.58					8.784339399	97.91536681			0.19	2.26	Excellent
3133	06/05/21 06:00:00	8.59	20.60					8.78457352	97.9565423			0.19	2.27	Excellent
3134	06/05/21 06:30:00	8.58	20.60					8.774580857	97.84511438			0.19	2.27	Excellent
3135	06/05/21 07:00:00	8.57	20.60					8.764587649	97.73368038			0.19	2.27	Excellent
3136	06/05/21 07:30:00	8.59	20.62					8.785275883	98.00294631			0.20	2.27	Excellent
3137	06/05/21 08:00:00	8.58	20.62					8.775282402	97.8914654			0.20	2.28	Excellent
3138	06/05/21 08:30:00	8.64	20.66					8.836883497	98.65625436			0.20	2.28	Excellent
3139	06/05/21 09:00:00	8.65	20.70					8.847347128	98.85078242			0.20	2.28	Excellent
3140	06/05/21 09:30:00	8.75	20.76					8.949867079	100.1141705			0.20	2.28	Excellent
3141	06/05/21 10:00:00	8.89	20.84					9.09330725	101.8785254			0.20	2.29	Excellent
3142	06/05/21 10:30:00	8.91	20.92					9.114007476	102.2706766			0.20	2.29	Excellent
3143	06/05/21 11:00:00	8.94	21.02					9.14493803	102.8187985			0.20	2.29	Excellent
3144	06/05/21 11:30:00	9.10	21.10					9.308853846	104.8255192			0.21	2.30	Excellent
3145	06/05/21 12:00:00	9.18	21.14					9.390940125	105.8325089			0.21	2.30	Excellent
3146	06/05/21 12:30:00	9.23	21.22					9.442340601	106.577976			0.21	2.30	Excellent
3147	06/05/21 13:00:00	9.35	21.36					9.565356093	108.2612533			0.22	2.30	Excellent
3148	06/05/21 13:30:00	9.41	21.48					9.626994528	109.2133015			0.22	2.31	Excellent
3149	06/05/21 14:00:00	9.70	21.62					9.9239463	112.8882047			0.22	2.31	Excellent
3150	06/05/21 14:30:00	9.86	21.74					10.08790899	115.0202124			0.23	2.31	Excellent
3151	06/05/21 15:00:00	10.02	21.84					10.25188041	117.1158915			0.23	2.31	Excellent
3152	06/05/21 15:30:00	10.05	21.94					10.28284858	117.6965518			0.23	2.32	Excellent
3153	06/05/21 16:00:00	10.10	21.96					10.3342823	118.3308724			0.23	2.32	Excellent
3154	06/05/21 16:30:00	10.09	21.98					10.32432534	118.2624366			0.23	2.32	Excellent
3155	06/05/21 17:00:00	10.22	22.02					10.45762295	119.8816625			0.24	2.33	Excellent
3156	06/05/21 17:30:00	10.31	22.02					10.54999652	120.9405932			0.24	2.33	Excellent
3157	06/05/21 18:00:00	10.26	21.98					10.49911225	120.2645747			0.24	2.33	Excellent
3158	06/05/21 18:30:00	10.22	21.98					10.45845859	119.7988977			0.24	2.33	Excellent
3159	06/05/21 19:00:00	10.17	21.98					10.40756914	119.2159725			0.24	2.34	Excellent
3160	06/05/21 19:30:00	10.30	21.96					10.54088665	120.6965589			0.24	2.34	Excellent
3161	06/05/21 20:00:00	10.15	21.94					10.38765523	118.8961592			0.24	2.34	Excellent
3162	06/05/21 20:30:00	9.99	21.88					10.22418122	116.8896855			0.23	2.34	Excellent
3163	06/05/21 21:00:00	9.88	21.82					10.11187192	115.4718444			0.23	2.35	Excellent
3164	06/05/21 21:30:00	9.77	21.78					9.999556635	114.1010455			0.23	2.35	Excellent
3165	06/05/21 22:00:00	9.79	21.76					10.02029338	114.2934672			0.23	2.35	Excellent
3166	06/05/21 22:30:00	9.75	21.74					9.979618187	113.7855035			0.23	2.36	Excellent
3167	06/05/21 23:00:00	9.76	21.74					9.990119702	113.9052395			0.23	2.36	Excellent
3168	06/05/21 23:30:00	9.74	21.74				8.898	9.96991361	113.6748539		9.101	0.23	2.36	Excellent
3169	06/06/21 00:00:00	9.74	21.78	9.14	10.63	9.72042		9.970179074	113.7658295	9.956		0.23	2.36	Excellent
3170	06/06/21 00:30:00	9.55	21.74					9.775949214	111.4633127			0.23	2.37	Excellent
3171	06/06/21 01:00:00	9.57	21.68					9.796683237	111.5701158			0.23	2.37	Excellent
3172	06/06/21 01:30:00	9.47	21.68					9.694572656	110.4072233			0.22	2.37	Excellent
3173	06/06/21 02:00:00	9.52	21.68					9.74601783	110.9931098			0.23	2.37	Excellent
3174	06/06/21 02:30:00	9.42	21.66					9.643900436	109.7876196			0.22	2.38	Excellent
3175	06/06/21 03:00:00	9.37	21.64					9.592967384	109.1654978			0.22	2.38	Excellent
3176	06/06/21 03:30:00	9.38	21.62					9.603460995	109.2425773			0.22	2.38	Excellent
3177	06/06/21 04:00:00	9.21	21.58					9.429662082	107.1824286			0.22	2.39	Excellent
3178	06/06/21 04:30:00	9.14	21.58					9.358241666	106.3706271			0.22	2.39	Excellent
3179	06/06/21 05:00:00	9.27	21.60					9.491598414	107.9282644			0.22	2.39	Excellent
3180	06/06/21 05:30:00	9.17	21.60					9.389457853	106.7668316			0.22	2.39	Excellent
3181	06/06/21 06:00:00	9.18	21.60					9.399947376	106.8861072			0.22	2.40	Excellent
3182	06/06/21 06:30:00	9.16	21.60					9.379717844	106.6560787			0.22	2.40	Excellent
3183	06/06/21 07:00:00	9.22	21.60					9.441408335	107.3575567			0.22	2.40	Excellent
3184	06/06/21 07:30:00	9.16	21.60					9.380217156	106.6617564			0.22	2.40	Excellent
3185	06/06/21 08:00:00	9.18	21.62					9.400948181	106.9389264			0.22	2.41	Excellent
3186	06/06/21 08:30:00	9.15	21.62					9.370475512	106.5922896			0.22	2.41	Excellent
3187	06/06/21 09:00:00	9.23	21.66					9.452654731	107.6104496			0.22	2.41	Excellent
3188	06/06/21 09:30:00	9.30	21.70					9.524596809	108.5134406			0.22	2.42	Excellent
3189	06/06/21 10:00:00	9.24	21.74					9.463399634	107.8996883			0.22	2.42	Excellent
3190	06/06/21 10:30:00	9.27	21.80					9.494377612	108.3785253			0.22	2.42	Excellent
3191	06/06/21 11:00:00	9.41	21.88					9.63802274	110.1883294			0.23	2.42	Excellent
3192	06/06/21 11:30:00	9.44	21.98					9.669006987	110.7559368			0.23	2.43	Excellent
3193	06/06/21 12:00:00	9.60	22.08					9.83315011	112.8532368			0.23	2.43	Excellent
3194	06/06/21 12:30:00	9.69	22.22					9.925599993	114.2211883			0.24	2.43	Excellent
3195	06/06/21 13:00:00	9.69	22.32					9.925864095	114.443568			0.24	2.43	Excellent
3196	06/06/21 13:30:00	9.75	22.42					9.98759029	115.3760537			0.24	2.44	Excellent
3197	06/06/21 14:00:00	9.83	22.48					10.06980767	116.459433			0.24	2.44	Excellent
3198	06/06/21 14:30:00	9.88	22.54					10.12129672	117.1892393			0.24	2.44	Excellent
3199	06/06/21 15:00:00	9.92	22.50					10.162544	117.5769018			0.24	2.45	Excellent
3200	06/06/21 15:30:00	10.19	22.60					10.43942323	121.0112408			0.25	2.45	Excellent
3201	06/06/21 16:00:00	10.36	22.76					10.61386673	123.4092349			0.25	2.45	Excellent
3202	06/06/21 16:30:00	10.24	22.74					10.49120528	121.9365733			0.25	2.45	Excellent
3203	06/06/21 17:00:00	10.22	22.66					10.47099319	121.5162246			0.25	2.46	Excellent
3204	06/06/21 17:30:00	10.34	22.72					10.59422209	123.0870027			0.25	2.46	Excellent
3205	06/06/21 18:00:00	10.63	22.88					10.89164183	126.9284303			0.26	2.46	Excellent
3206	06/06/21 18:30:00	10.31	22.84					10.5640465	123.0171187			0.25	2.46	Excellent
3207	06/06/21 19:00:00	10.41	22.86					10.6667943	124.2608578			0.26	2.47	Excellent
3208	06/06/21 19:30:00	10.45	22.92					10.70806584	124.8839723			0.26	2.47	Excellent
3209	06/06/21 20:00:00	10.31	22.94					10.5648895	123.260979			0.25	2.47	Excellent
3210	06/06/21 20:30:00	10.32	22.98					10.57541799	123.4775527			0.26	2.47	Excellent
3211	06/06/21 21:00:00	10.32	23.02					10.57569927	123.5745917			0.26	2.48	Excellent
3212	06/06/21 21:30:00	10.22	23.00					10.47350011	122.3339919			0.25	2.48	Excellent
3213	06/06/21 22:00:00	10.03	23.00					10.27906066	120.062874			0.25	2.48	Excellent
3214	06/06/21 22:30:00	10.08	23.00					10.33057696	120.6646017			0.25	2.49	Excellent
3215	06/06/21 23:00:00	10.11	23.00					10.36159828	121.0269411			0.25	2.49	Excellent
3216	06/06/21 23:30:00	9.93	23.00				9.261	10.17738943	118.8753199		9.471	0.25	2.49	Excellent
3217	06/07/21 00:00:00	9.82	22.96	9.25	10.15	9.71188		10.0649166	117.4723801	9.960		0.24	2.49	Excellent
3218	06/07/21 00:30:00	9.88	22.94					10.12668232	118.1483988			0.25	2.50	Excellent
3219	06/07/21 01:00:00	9.76	22.90					10.00395219	116.6278439			0.24	2.50	Excellent
3220	06/07/21 01:30:00	9.71	22.88					9.952967079	115.9893529			0.24	2.50	Excellent
3221	06/07/21 02:00:00	9.75	22.88					9.99423371	116.4702638			0.24	2.50	Excellent
3222	06/07/21 02:30:00	9.61	22.86					9.850988685	114.7572804			0.24	2.51	Excellent
3223	06/07/21 03:00:00	9.59	22.84					9.830748524	114.4779473			0.24	2.51	Excellent
3224	06/07/21 03:30:00	9.49	22.82					9.728496762	113.2441446			0.24	2.51	Excellent
3225	06/07/21 04:00:00	9.44	22.80					9.677497481	112.6076264			0.24	2.52	Excellent
3226	06/07/21 04:30:00	9.43	22.80					9.66750291	112.4913293			0.24	2.52	Excellent
3227	06/07/21 05:00:00	9.45	22.78					9.688264188	112.6900007			0.24	2.52	Excellent
3228	06/07/21 05:30:00	9.32	22.78					9.555240497	111.1427225			0.24	2.52	Excellent
3229	06/07/21 06:00:00	9.35	22.78					9.586252543	111.5034422			0.24	2.53	Excellent
3230	06/07/21 06:30:00	9.25	22.78					9.483977887	110.3138244			0.23	2.53	Excellent
3231	06/07/21 07:00:00	9.45	22.78					9.689294429	112.701984			0.24	2.53	Excellent
3232	06/07/21 07:30:00	9.39	22.78					9.628031024	111.9893927			0.24	2.53	Excellent
3233	06/07/21 08:00:00	9.28	22.78					9.515495515	110.6804248			0.24	2.54	Excellent
3234	06/07/21 08:30:00	9.36	22.80					9.597780756	111.6800404			0.24	2.54	Excellent
3235	06/07/21 09:00:00	9.27	22.84					9.505747057	110.6933422			0.24	2.54	Excellent
3236	06/07/21 09:30:00	9.54	22.88					9.78287349	114.0071254			0.24	2.55	Excellent
3237	06/07/21 10:00:00	9.51	22.94					9.752368932	113.7812698			0.24	2.55	Excellent
3238	06/07/21 10:30:00	9.61	22.98					9.855179422	115.0681171			0.25	2.55	Excellent
3239	06/07/21 11:00:00	9.55	23.06					9.793908931	114.5263914			0.24	2.55	Excellent

3240	06/07/21 11:30:00	9.74	23.12					9.989027034	116.9409105			0.25	2.56	Excellent
3241	06/07/21 12:00:00	10.04	23.26					10.29697091	120.86573			0.26	2.56	Excellent
3242	06/07/21 12:30:00	9.95	23.30					10.20493858	119.8760263			0.25	2.56	Excellent
3243	06/07/21 13:00:00	9.91	23.36					10.16418379	119.5326267			0.25	2.56	Excellent
3244	06/07/21 13:30:00	9.89	23.42					10.14394036	119.429665			0.25	2.57	Excellent
3245	06/07/21 14:00:00	9.90	23.52					10.15446695	119.7790816			0.25	2.57	Excellent
3246	06/07/21 14:30:00	9.85	23.62					10.10345023	119.4017441			0.25	2.57	Excellent
3247	06/07/21 15:00:00	9.96	23.72					10.2165521	120.9654188			0.26	2.58	Excellent
3248	06/07/21 15:30:00	9.94	23.78					10.19630785	120.8617264			0.26	2.58	Excellent
3249	06/07/21 16:00:00	9.88	23.82					10.13503	120.2255126			0.26	2.58	Excellent
3250	06/07/21 16:30:00	10.00	23.86					10.25840008	121.7802288			0.26	2.58	Excellent
3251	06/07/21 17:00:00	10.09	23.92					10.35100068	123.0176608			0.26	2.59	Excellent
3252	06/07/21 17:30:00	9.97	23.96					10.22816834	121.6488686			0.26	2.59	Excellent
3253	06/07/21 18:00:00	9.99	24.00					10.24895851	121.9873596			0.26	2.59	Excellent
3254	06/07/21 18:30:00	10.10	24.10					10.36208518	123.5644815			0.26	2.59	Excellent
3255	06/07/21 19:00:00	10.11	24.20					10.37262022	123.92108			0.26	2.60	Excellent
3256	06/07/21 19:30:00	10.15	24.24					10.41393591	124.5074597			0.26	2.60	Excellent
3257	06/07/21 20:00:00	10.10	24.28					10.36291101	123.989758			0.26	2.60	Excellent
3258	06/07/21 20:30:00	9.90	24.28					10.15797468	121.5377436			0.26	2.61	Excellent
3259	06/07/21 21:00:00	9.82	24.32					10.07615768	120.6486268			0.26	2.61	Excellent
3260	06/07/21 21:30:00	9.72	24.38					9.973814067	119.5565635			0.25	2.61	Excellent
3261	06/07/21 22:00:00	9.68	24.40					9.933033394	119.1120046			0.25	2.61	Excellent
3262	06/07/21 22:30:00	9.56	24.42					9.810157175	117.6822708			0.25	2.62	Excellent
3263	06/07/21 23:00:00	9.64	24.44					9.892513279	118.7143191			0.25	2.62	Excellent
3264	06/07/21 23:30:00	9.47	24.46				9.574	9.718318349	116.6672413		9.790	0.25	2.62	Excellent
3265	06/08/21 00:00:00	9.42	24.46	8.42	9.44	9.02146		9.667264013	116.0543401	9.006		0.25	2.62	Excellent
3266	06/08/21 00:30:00	9.38	24.48					9.626469712	115.607538			0.25	2.63	Excellent
3267	06/08/21 01:00:00	9.37	24.48					9.616462331	115.487356			0.25	2.63	Excellent
3268	06/08/21 01:30:00	9.26	24.50					9.503821345	114.1769974			0.24	2.63	Excellent
3269	06/08/21 02:00:00	9.21	24.48					9.452755834	113.5213492			0.24	2.64	Excellent
3270	06/08/21 02:30:00	9.18	24.46					9.4222153	113.1125598			0.24	2.64	Excellent
3271	06/08/21 03:00:00	9.02	24.48					9.258239523	111.1853369			0.24	2.64	Excellent
3272	06/08/21 03:30:00	9.08	24.48					9.320071741	111.9279009			0.24	2.64	Excellent
3273	06/08/21 04:00:00	9.05	24.48					9.28952521	111.5610573			0.24	2.65	Excellent
3274	06/08/21 04:30:00	8.95	24.48					9.187122456	110.3312679			0.24	2.65	Excellent
3275	06/08/21 05:00:00	8.83	24.48					9.064183822	108.8548562			0.23	2.65	Excellent
3276	06/08/21 05:30:00	8.87	24.48					9.10548643	109.3508732			0.24	2.65	Excellent
3277	06/08/21 06:00:00	8.83	24.48					9.064665147	108.8606366			0.23	2.66	Excellent
3278	06/08/21 06:30:00	8.67	24.50					8.900649305	106.9306099			0.23	2.66	Excellent
3279	06/08/21 07:00:00	8.75	24.52					8.983016039	107.9602132			0.23	2.66	Excellent
3280	06/08/21 07:30:00	8.73	24.54					8.962721367	107.7562853			0.23	2.67	Excellent
3281	06/08/21 08:00:00	8.68	24.58					8.911625058	107.2214803			0.23	2.67	Excellent
3282	06/08/21 08:30:00	8.69	24.62					8.922128754	107.4274758			0.23	2.67	Excellent
3283	06/08/21 09:00:00	8.85	24.66					9.086643908	109.4894318			0.24	2.67	Excellent
3284	06/08/21 09:30:00	8.84	24.70					9.076617448	109.4496428			0.24	2.68	Excellent
3285	06/08/21 10:00:00	8.90	24.76					9.138466019	110.3178297			0.24	2.68	Excellent
3286	06/08/21 10:30:00	8.96	24.80					9.20031786	111.146657			0.24	2.68	Excellent
3287	06/08/21 11:00:00	8.94	24.86					9.180025097	111.0245051			0.24	2.68	Excellent
3288	06/08/21 11:30:00	8.93	24.92					9.17	111.0261568			0.24	2.69	Excellent
3289	06/08/21 12:00:00	9.35	25.32					9.052860169	111.5100947			-0.30	-3.18	Excellent
3290	06/08/21 12:30:00	9.44	25.12					9.14	112.1700813			-0.30	-3.18	Excellent
3291	06/08/21 13:00:00	9.39	25.22					9.093551544	111.8056363			-0.30	-3.16	Excellent
3292	06/08/21 13:30:00	9.33	25.26					9.037395805	111.1969525			-0.29	-3.14	Excellent
3293	06/08/21 14:00:00	9.32	25.18					9.029657353	110.938385			-0.29	-3.12	Excellent
3294	06/08/21 14:30:00	9.26	25.14					8.973461902	110.1668209			-0.29	-3.09	Excellent
3295	06/08/21 15:00:00	9.34	25.22					9.052938522	111.3062973			-0.29	-3.07	Excellent
3296	06/08/21 15:30:00	9.37	25.30					9.083974864	111.8522549			-0.29	-3.05	Excellent
3297	06/08/21 16:00:00	9.36	25.34					9.076236412	111.8391041			-0.28	-3.03	Excellent
3298	06/08/21 16:30:00	9.31	25.36					9.029698084	111.3065118			-0.28	-3.01	Excellent
3299	06/08/21 17:00:00	9.41	25.44					9.128654064	112.6915886			-0.28	-2.99	Excellent
3300	06/08/21 17:30:00	9.42	25.52					9.140323909	113.0011953			-0.28	-2.97	Excellent
3301	06/08/21 18:00:00	9.38	25.54					9.103471965	112.5868257			-0.28	-2.95	Excellent
3302	06/08/21 18:30:00	9.33	25.56					9.056896016	112.0518206			-0.27	-2.93	Excellent
3303	06/08/21 19:00:00	9.11	25.54					8.845239807	109.3931498			-0.26	-2.91	Excellent
3304	06/08/21 19:30:00	8.95	25.54					8.69176042	107.4949996			-0.26	-2.89	Excellent
3305	06/08/21 20:00:00	8.86	25.56					8.606209032	106.4759261			-0.25	-2.86	Excellent
3306	06/08/21 20:30:00	8.74	25.58					8.491473089	105.0948778			-0.25	-2.84	Excellent
3307	06/08/21 21:00:00	8.61	25.60					8.366969251	103.5918567			-0.24	-2.82	Excellent
3308	06/08/21 21:30:00	8.54	25.64					8.300730017	102.8469615			-0.24	-2.80	Excellent
3309	06/08/21 22:00:00	8.49	25.66					8.253905352	102.3041995			-0.24	-2.78	Excellent
3310	06/08/21 22:30:00	8.47	25.68					8.236231799	102.1224662			-0.23	-2.76	Excellent
3311	06/08/21 23:00:00	8.44	25.70					8.208823792	101.8198328			-0.23	-2.74	Excellent
3312	06/08/21 23:30:00	8.42	25.72				9.651	8.191131429	101.6375083		9.835	-0.23	-2.72	Excellent
3313	06/09/21 00:00:00	8.36	25.72	7.57	8.71	8.15979		8.134509607	100.9349312	7.980		-0.23	-2.70	Excellent
3314	06/09/21 00:30:00	8.36	25.74					8.136256893	100.9934929			-0.22	-2.68	Excellent
3315	06/09/21 01:00:00	8.29	25.74					8.069862996	100.1693606			-0.22	-2.66	Excellent
3316	06/09/21 01:30:00	8.30	25.76					8.081332196	100.3483604			-0.22	-2.63	Excellent
3317	06/09/21 02:00:00	8.24	25.76					8.024635132	99.64433571			-0.22	-2.61	Excellent
3318	06/09/21 02:30:00	8.20	25.78					7.987394438	99.21811929			-0.21	-2.59	Excellent
3319	06/09/21 03:00:00	8.17	25.78					7.959879838	98.87633739			-0.21	-2.57	Excellent
3320	06/09/21 03:30:00	8.14	25.80					7.932352697	98.57036601			-0.21	-2.55	Excellent
3321	06/09/21 04:00:00	8.15	25.84					7.943800997	98.78467295			-0.21	-2.53	Excellent
3322	06/09/21 04:30:00	8.14	25.86					7.935755307	98.72061266			-0.20	-2.51	Excellent
3323	06/09/21 05:00:00	8.08	25.88					7.87894956	98.04968749			-0.20	-2.49	Excellent
3324	06/09/21 05:30:00	8.09	25.90					7.890391589	98.2278701			-0.20	-2.47	Excellent
3325	06/09/21 06:00:00	8.03	25.94					7.833550312	97.59132844			-0.20	-2.45	Excellent
3326	06/09/21 06:30:00	8.02	25.98					7.825471181	97.56169533			-0.19	-2.43	Excellent
3327	06/09/21 07:00:00	7.97	26.00					7.778349727	97.00952268			-0.19	-2.40	Excellent
3328	06/09/21 07:30:00	7.94	26.02					7.750730625	96.70024219			-0.19	-2.38	Excellent
3329	06/09/21 08:00:00	7.93	26.08					7.742626413	96.70457356			-0.19	-2.36	Excellent
3330	06/09/21 08:30:00	7.96	26.14					7.773581243	97.19708821			-0.19	-2.34	Excellent
3331	06/09/21 09:00:00	8.01	26.20					7.824084405	97.93516446			-0.19	-2.32	Excellent
3332	06/09/21 09:30:00	8.06	26.30					7.874608467	98.746476			-0.19	-2.30	Excellent
3333	06/09/21 10:00:00	8.08	26.34					7.895837203	99.08445516			-0.18	-2.28	Excellent
3334	06/09/21 10:30:00	8.09	26.40					7.907300133	99.33614467			-0.18	-2.26	Excellent
3335	06/09/21 11:00:00	8.08	26.46					7.899214731	99.34233239			-0.18	-2.24	Excellent
3336	06/09/21 11:30:00	8.16	26.58					7.979130263	100.5651619			-0.18	-2.22	Excellent
3337	06/09/21 12:00:00	8.32	26.66					8.137322723	102.7070875			-0.18	-2.20	Excellent
3338	06/09/21 12:30:00	8.39	26.74					8.207539331	103.7428195			-0.18	-2.17	Excellent
3339	06/09/21 13:00:00	8.44	26.82					8.258215967	104.5338255			-0.18	-2.15	Excellent
3340	06/09/21 13:30:00	8.41	26.84					8.230619855	104.2220066			-0.18	-2.13	Excellent
3341	06/09/21 14:00:00	8.37	26.84					8.193222406	103.7484533			-0.18	-2.11	Excellent
3342	06/09/21 14:30:00	8.50	26.88					8.322253303	105.4581749			-0.18	-2.09	Excellent
3343	06/09/21 15:00:00	8.59	27.02					8.412166636	106.8659628			-0.18	-2.07	Excellent
3344	06/09/21 15:30:00	8.60	27.12					8.42375706	107.2053074			-0.18	-2.05	Excellent
3345	06/09/21 16:00:00	8.68	27.20					8.503931758	108.3808656			-0.18	-2.03	Excellent
3346	06/09/21 16:30:00	8.71	27.28					8.535143665	108.9344957			-0.17	-2.01	Excellent
3347	06/09/21 17:00:00	8.64	27.30					8.468354747	108.1207298			-0.17	-1.99	Excellent
3348	06/09/21 17:30:00	8.63	27.28					8.460357128	107.9799912			-0.17	-1.97	Excellent
3349	06/09/21 18:00:00	8.40	27.22					8.236633963	105.0118023			-0.16	-1.94	Excellent
3350	06/09/21 18:30:00	8.20	27.14					8.042237475	102.3865729			-0.16	-1.92	Excellent
3351	06/09/21 19:00:00	8.07	27.08					7.916425263	100.6765038			-0.15	-1.90	Excellent
3352	06/09/21 19:30:00	7.97	27.02					7.819994069	99.34315752			-0.15	-1.88	Excellent
3353	06/09/21 20:00:00	7.91	26.96					7.762776582	98.51010425			-0.15	-1.86	Excellent
3354	06/09/21 20:30:00	7.95	27.00					7.803693683	99.10049933			-0.15	-1.84	Excellent
3355	06/09/21 21:00:00	7.82	27.00					7.677720536	97.50074385			-0.14	-1.82	Excellent

3356	06/09/21 21:30:00	7.75	27.00					7.61061393	96.64854508			-0.14	-1.80	Excellent
3357	06/09/21 22:00:00	7.65	27.00					7.514011352	95.42177169			-0.14	-1.78	Excellent
3358	06/09/21 22:30:00	7.57	26.98					7.437015627	94.41008203			-0.13	-1.76	Excellent
3359	06/09/21 23:00:00	7.59	26.98					7.458250632	94.67965234			-0.13	-1.74	Excellent
3360	06/09/21 23:30:00	7.66	27.00				9.349	7.528636535	95.6074995		9.479	-0.13	-1.71	Excellent
3361	06/10/21 00:00:00	7.53	27.00	6.53	7.55	7.07375		7.402439752	94.00490402	6.989		-0.13	-1.69	Excellent
3362	06/10/21 00:30:00	7.38	26.96					7.256523253	92.08571889			-0.12	-1.67	Excellent
3363	06/10/21 01:00:00	7.43	26.94					7.3072396	92.69600318			-0.12	-1.65	Excellent
3364	06/10/21 01:30:00	7.36	26.94					7.239934439	91.84220342			-0.12	-1.63	Excellent
3365	06/10/21 02:00:00	7.26	26.90					7.143083144	90.54848346			-0.12	-1.61	Excellent
3366	06/10/21 02:30:00	7.20	26.88					7.085554239	89.78693525			-0.11	-1.59	Excellent
3367	06/10/21 03:00:00	7.12	26.86					7.008313977	88.77622527			-0.11	-1.57	Excellent
3368	06/10/21 03:30:00	7.05	26.84					6.940885503	87.89046604			-0.11	-1.55	Excellent
3369	06/10/21 04:00:00	7.00	26.82					6.893122403	87.25425168			-0.11	-1.53	Excellent
3370	06/10/21 04:30:00	6.89	26.80					6.786241956	85.87042785			-0.10	-1.51	Excellent
3371	06/10/21 05:00:00	6.87	26.78					6.767979008	85.60850786			-0.10	-1.49	Excellent
3372	06/10/21 05:30:00	6.80	26.76					6.70043976	84.72368316			-0.10	-1.46	Excellent
3373	06/10/21 06:00:00	6.77	26.74					6.672293964	84.33740743			-0.10	-1.44	Excellent
3374	06/10/21 06:30:00	6.74	26.74					6.644135627	83.98148769			-0.10	-1.42	Excellent
3375	06/10/21 07:00:00	6.70	26.74					6.606104892	83.50078141			-0.09	-1.40	Excellent
3376	06/10/21 07:30:00	6.63	26.76					6.538471592	82.67567731			-0.09	-1.38	Excellent
3377	06/10/21 08:00:00	6.66	26.76					6.569449412	83.06737624			-0.09	-1.36	Excellent
3378	06/10/21 08:30:00	6.53	26.80					6.442581722	81.52188687			-0.09	-1.34	Excellent
3379	06/10/21 09:00:00	6.53	26.82					6.443946528	81.56851123			-0.09	-1.32	Excellent
3380	06/10/21 09:30:00	6.57	26.86					6.484792567	82.14463673			-0.09	-1.30	Excellent
3381	06/10/21 10:00:00	6.67	26.90					6.584889717	83.47260777			-0.09	-1.28	Excellent
3382	06/10/21 10:30:00	6.79	26.98					6.704777644	85.11459961			-0.09	-1.26	Excellent
3383	06/10/21 11:00:00	6.87	27.08					6.785209419	86.29035699			-0.08	-1.23	Excellent
3384	06/10/21 11:30:00	6.93	27.14					6.845917298	87.15609464			-0.08	-1.21	Excellent
3385	06/10/21 12:00:00	7.04	27.20					6.956054051	88.65348181			-0.08	-1.19	Excellent
3386	06/10/21 12:30:00	7.13	27.24					7.046471087	89.87015198			-0.08	-1.17	Excellent
3387	06/10/21 13:00:00	7.16	27.34					7.077616112	90.4289472			-0.08	-1.15	Excellent
3388	06/10/21 13:30:00	7.34	27.36					7.257079109	92.75504518			-0.08	-1.13	Excellent
3389	06/10/21 14:00:00	7.32	27.36					7.238834972	92.52186103			-0.08	-1.11	Excellent
3390	06/10/21 14:30:00	7.33	27.38					7.250256101	92.7009539			-0.08	-1.09	Excellent
3391	06/10/21 15:00:00	7.27	27.32					7.192428318	91.86302899			-0.08	-1.07	Excellent
3392	06/10/21 15:30:00	7.37	27.36					7.292901677	93.21290485			-0.08	-1.05	Excellent
3393	06/10/21 16:00:00	7.28	27.34					7.205364736	92.06115971			-0.07	-1.03	Excellent
3394	06/10/21 16:30:00	7.29	27.30					7.216785865	92.14117473			-0.07	-1.00	Excellent
3395	06/10/21 17:00:00	7.28	27.28					7.208407856	92.00129555			-0.07	-0.98	Excellent
3396	06/10/21 17:30:00	7.26	27.26					7.190121918	91.73508582			-0.07	-0.96	Excellent
3397	06/10/21 18:00:00	7.23	27.26					7.16192178	91.37529469			-0.07	-0.94	Excellent
3398	06/10/21 18:30:00	7.27	27.28					7.203064606	91.93309937			-0.07	-0.92	Excellent
3399	06/10/21 19:00:00	7.43	27.30					7.363144386	94.00982461			-0.07	-0.90	Excellent
3400	06/10/21 19:30:00	7.55	27.32					7.48364261	95.58247196			-0.07	-0.88	Excellent
3401	06/10/21 20:00:00	7.42	27.24					7.356336008	93.82214542			-0.06	-0.86	Excellent
3402	06/10/21 20:30:00	7.23	27.18					7.169477328	91.34079916			-0.06	-0.84	Excellent
3403	06/10/21 21:00:00	7.08	27.16					7.022212744	89.43257089			-0.06	-0.82	Excellent
3404	06/10/21 21:30:00	6.99	27.16					6.934408276	88.31432233			-0.06	-0.80	Excellent
3405	06/10/21 22:00:00	7.07	27.16					7.015249701	89.3438919			-0.05	-0.77	Excellent
3406	06/10/21 22:30:00	7.04	27.12					6.986953421	88.91976394			-0.05	-0.75	Excellent
3407	06/10/21 23:00:00	6.98	27.12					6.928864381	88.18049126			-0.05	-0.73	Excellent
3408	06/10/21 23:30:00	6.90	27.10				8.899	6.8508926	87.15692732		8.987	-0.05	-0.71	Excellent
3409	06/11/21 00:00:00	6.85	27.08	5.29	6.85	6.12458		6.802680138	86.51253946	6.111		-0.05	-0.69	Excellent
3410	06/11/21 00:30:00	6.75	27.06					6.704781726	85.23694388			-0.05	-0.67	Excellent
3411	06/11/21 01:00:00	6.77	27.06					6.726062713	85.50748607			-0.04	-0.65	Excellent
3412	06/11/21 01:30:00	6.77	27.06					6.72747768	85.52547435			-0.04	-0.63	Excellent
3413	06/11/21 02:00:00	6.69	27.04					6.649378406	84.50228451			-0.04	-0.61	Excellent
3414	06/11/21 02:30:00	6.61	27.04					6.571245692	83.50935066			-0.04	-0.59	Excellent
3415	06/11/21 03:00:00	6.56	27.04					6.522909917	82.89508521			-0.04	-0.57	Excellent
3416	06/11/21 03:30:00	6.54	27.02					6.504389892	82.63006646			-0.04	-0.54	Excellent
3417	06/11/21 04:00:00	6.54	27.02					6.505756788	82.64743115			-0.03	-0.52	Excellent
3418	06/11/21 04:30:00	6.53	27.00					6.497173953	82.50877202			-0.03	-0.50	Excellent
3419	06/11/21 05:00:00	6.45	27.00					6.418924195	81.51506438			-0.03	-0.48	Excellent
3420	06/11/21 05:30:00	6.33	26.98					6.300825355	79.98657908			-0.03	-0.46	Excellent
3421	06/11/21 06:00:00	6.36	26.96					6.332016361	80.35367053			-0.03	-0.44	Excellent
3422	06/11/21 06:30:00	6.36	26.94					6.333345636	80.34166926			-0.03	-0.42	Excellent
3423	06/11/21 07:00:00	6.29	26.92					6.264953646	79.44552715			-0.03	-0.40	Excellent
3424	06/11/21 07:30:00	6.34	26.92					6.316079644	80.09385307			-0.02	-0.38	Excellent
3425	06/11/21 08:00:00	6.23	26.90					6.20779677	78.6924318			-0.02	-0.36	Excellent
3426	06/11/21 08:30:00	6.35	26.86					6.328696284	80.16732253			-0.02	-0.34	Excellent
3427	06/11/21 09:00:00	6.37	26.84					6.349960551	80.40775085			-0.02	-0.31	Excellent
3428	06/11/21 09:30:00	6.30	26.82					6.281497499	79.51220531			-0.02	-0.29	Excellent
3429	06/11/21 10:00:00	6.28	26.82					6.262868792	79.27640013			-0.02	-0.27	Excellent
3430	06/11/21 10:30:00	6.30	26.82					6.284130968	79.54554018			-0.02	-0.25	Excellent
3431	06/11/21 11:00:00	6.27	26.80					6.255516999	79.15484368			-0.01	-0.23	Excellent
3432	06/11/21 11:30:00	6.18	26.78					6.167016543	78.00690333			-0.01	-0.21	Excellent
3433	06/11/21 12:00:00	6.19	26.76					6.178289278	78.12135352			-0.01	-0.19	Excellent
3434	06/11/21 12:30:00	6.15	26.74					6.139650337	77.60482299			-0.01	-0.17	Excellent
3435	06/11/21 13:00:00	6.14	26.70					6.130950459	77.4390229			-0.01	-0.15	Excellent
3436	06/11/21 13:30:00	6.09	26.70					6.082296996	76.82448904			-0.01	-0.13	Excellent
3437	06/11/21 14:00:00	6.04	26.68					6.033622632	76.18222114			-0.01	-0.11	Excellent
3438	06/11/21 14:30:00	5.88	26.66					5.875020521	74.15292069			0.00	-0.08	Excellent
3439	06/11/21 15:00:00	6.00	26.64					5.996172932	75.65477922			0.00	-0.06	Excellent
3440	06/11/21 15:30:00	5.91	26.62					5.907465561	74.50865439			0.00	-0.04	Excellent
3441	06/11/21 16:00:00	5.92	26.60					5.918698585	74.62339555			0.00	-0.02	Excellent
3442	06/11/21 16:30:00	5.95	26.60					5.949935572	75.01723383			0.00	0.00	Excellent
3443	06/11/21 17:00:00	5.84	26.58					5.841157355	73.61916851			0.00	0.02	Excellent
3444	06/11/21 17:30:00	5.89	26.56					5.892398307	74.23817298			0.00	0.04	Excellent
3445	06/11/21 18:00:00	5.77	26.52					5.773555406	72.68833901			0.00	0.06	Excellent
3446	06/11/21 18:30:00	5.73	26.48					5.73472836	72.14733897			0.00	0.08	Excellent
3447	06/11/21 19:00:00	5.80	26.46					5.805998355	73.01756416			0.01	0.10	Excellent
3448	06/11/21 19:30:00	5.74	26.38					5.747135995	72.1727657			0.01	0.12	Excellent
3449	06/11/21 20:00:00	5.72	26.34					5.728306642	71.88422558			0.01	0.15	Excellent
3450	06/11/21 20:30:00	5.61	26.28					5.61931942	70.43993392			0.01	0.17	Excellent
3451	06/11/21 21:00:00	5.54	26.22					5.550361025	69.49986318			0.01	0.19	Excellent
3452	06/11/21 21:30:00	5.55	26.16					5.561539708	69.56405191			0.01	0.21	Excellent
3453	06/11/21 22:00:00	5.47	26.12					5.482516629	68.52583124			0.01	0.23	Excellent
3454	06/11/21 22:30:00	5.31	26.08					5.323260331	66.48695066			0.01	0.25	Excellent
3455	06/11/21 23:00:00	5.29	26.04					5.304316026	66.2021788			0.01	0.27	Excellent
3456	06/11/21 23:30:00	5.43	26.00				8.445	5.445829799	67.91895042		8.503	0.02	0.29	Excellent
3457	06/12/21 00:00:00	5.29	25.96	4.93	6.14	5.58979		5.306527304	66.13344436	5.635		0.02	0.31	Excellent
3458	06/12/21 00:30:00	5.33	25.90					5.347766273	66.57460341			0.02	0.33	Excellent
3459	06/12/21 01:00:00	5.31	25.88					5.328809427	66.31443634			0.02	0.35	Excellent
3460	06/12/21 01:30:00	5.30	25.90					5.319881733	66.22746741			0.02	0.38	Excellent
3461	06/12/21 02:00:00	5.21	25.90					5.230633038	65.11640604			0.02	0.40	Excellent
3462	06/12/21 02:30:00	4.99	25.86					5.010804714	62.33429487			0.02	0.42	Excellent
3463	06/12/21 03:00:00	4.96	25.80					4.981716303	61.90466033			0.02	0.44	Excellent
3464	06/12/21 03:30:00	4.93	25.78					4.952615351	61.52058529			0.02	0.46	Excellent
3465	06/12/21 04:00:00	5.30	25.74					5.325420379	66.10322315			0.03	0.48	Excellent
3466	06/12/21 04:30:00	5.37	25.72					5.396878479	66.96575262			0.03	0.50	Excellent
3467	06/12/21 05:00:00	5.33	25.68					5.357792266	66.43219534			0.03	0.52	Excellent
3468	06/12/21 05:30:00	5.35	25.66					5.379014731	66.67096033			0.03	0.54	Excellent
3469	06/12/21 06:00:00	5.30	25.62					5.329851295	66.01329712			0.03	0.56	Excellent
3470	06/12/21 06:30:00	5.35	25.58					5.38125109	66.60115624			0.03	0.58	Excellent
3471	06/12/21 07:00:00	5.32	25.56					5.352187759	66.21720971			0.03	0.61	Excellent

3472	06/12/21 07:30:00	5.42	25.54					5.453925602	67.45120691			0.03	0.63	Excellent
3473	06/12/21 08:00:00	5.37	25.52					5.404734995	66.81836671			0.03	0.65	Excellent
3474	06/12/21 08:30:00	5.40	25.48					5.436057675	67.15637502			0.04	0.67	Excellent
3475	06/12/21 09:00:00	5.51	25.46					5.547943803	68.513483			0.04	0.69	Excellent
3476	06/12/21 09:30:00	5.49	25.46					5.528953516	68.27896535			0.04	0.71	Excellent
3477	06/12/21 10:00:00	5.51	25.46					5.550247043	68.54192651			0.04	0.73	Excellent
3478	06/12/21 10:30:00	5.57	25.48					5.611849466	69.32808476			0.04	0.75	Excellent
3479	06/12/21 11:00:00	5.59	25.54					5.633168074	69.66798101			0.04	0.77	Excellent
3480	06/12/21 11:30:00	5.62	25.56					5.664574356	70.08205334			0.04	0.79	Excellent
3481	06/12/21 12:00:00	5.72	25.60					5.766563005	71.39609944			0.05	0.81	Excellent
3482	06/12/21 12:30:00	5.73	25.64					5.77784201	71.58810049			0.05	0.83	Excellent
3483	06/12/21 13:00:00	5.79	25.70					5.839553115	72.43209708			0.05	0.86	Excellent
3484	06/12/21 13:30:00	5.80	25.74					5.850850931	72.62527223			0.05	0.88	Excellent
3485	06/12/21 14:00:00	5.69	25.78					5.741075758	71.31471269			0.05	0.90	Excellent
3486	06/12/21 14:30:00	5.89	25.82					5.944102082	73.89057783			0.05	0.92	Excellent
3487	06/12/21 15:00:00	5.89	25.84					5.945333124	73.93284254			0.06	0.94	Excellent
3488	06/12/21 15:30:00	6.05	25.88					6.108100714	76.01233662			0.06	0.96	Excellent
3489	06/12/21 16:00:00	5.85	25.84					5.907402712	73.46116111			0.06	0.98	Excellent
3490	06/12/21 16:30:00	5.95	25.78					6.009627537	74.65061936			0.06	1.00	Excellent
3491	06/12/21 17:00:00	6.14	25.86					6.202814903	77.16287408			0.06	1.02	Excellent
3492	06/12/21 17:30:00	6.14	25.90					6.204098197	77.23512133			0.06	1.04	Excellent
3493	06/12/21 18:00:00	6.10	25.78					6.164955553	76.5800788			0.06	1.06	Excellent
3494	06/12/21 18:30:00	6.02	25.66					6.085361889	75.42588028			0.07	1.09	Excellent
3495	06/12/21 19:00:00	5.86	25.58					5.924849469	73.32901189			0.06	1.11	Excellent
3496	06/12/21 19:30:00	5.72	25.48					5.784495675	71.46093439			0.06	1.13	Excellent
3497	06/12/21 20:00:00	6.00	25.42					6.068906839	74.89208765			0.07	1.15	Excellent
3498	06/12/21 20:30:00	5.90	25.40					5.968991524	73.632085			0.07	1.17	Excellent
3499	06/12/21 21:00:00	5.77	25.38					5.838677333	71.99813337			0.07	1.19	Excellent
3500	06/12/21 21:30:00	5.73	25.34					5.799398835	71.46129086			0.07	1.21	Excellent
3501	06/12/21 22:00:00	5.67	25.28					5.739857207	70.6496983			0.07	1.23	Excellent
3502	06/12/21 22:30:00	5.61	25.24					5.680290498	69.86512531			0.07	1.25	Excellent
3503	06/12/21 23:00:00	5.58	25.20					5.651080864	69.45474339			0.07	1.27	Excellent
3504	06/12/21 23:30:00	5.59	25.20				7.915	5.662376589	69.59357378		7.948	0.07	1.29	Excellent
3505	06/13/21 00:00:00	5.49	25.18	5.02	5.73	5.48458		5.562229278	68.33755803	5.584		0.07	1.32	Excellent
3506	06/13/21 00:30:00	5.52	25.16					5.593777684	68.69986851			0.07	1.34	Excellent
3507	06/13/21 01:00:00	5.47	25.14					5.544252668	68.06656086			0.07	1.36	Excellent
3508	06/13/21 01:30:00	5.45	25.12					5.525120257	67.80669458			0.08	1.38	Excellent
3509	06/13/21 02:00:00	5.46	25.10					5.536399262	67.9200882			0.08	1.40	Excellent
3510	06/13/21 02:30:00	5.41	25.10					5.486830355	67.31198094			0.08	1.42	Excellent
3511	06/13/21 03:00:00	5.35	25.10					5.427096442	66.57917023			0.08	1.44	Excellent
3512	06/13/21 03:30:00	5.36	25.08					5.438360817	66.69277872			0.08	1.46	Excellent
3513	06/13/21 04:00:00	5.31	25.08					5.388739658	66.08425474			0.08	1.48	Excellent
3514	06/13/21 04:30:00	5.36	25.06					5.440601355	66.69566541			0.08	1.50	Excellent
3515	06/13/21 05:00:00	5.25	25.06					5.330044502	65.34036249			0.08	1.52	Excellent
3516	06/13/21 05:30:00	5.24	25.06					5.320987225	65.22933044			0.08	1.55	Excellent
3517	06/13/21 06:00:00	5.19	25.06					5.271299184	64.62021084			0.08	1.57	Excellent
3518	06/13/21 06:30:00	5.02	25.06					5.099685413	62.51641865			0.08	1.59	Excellent
3519	06/13/21 07:00:00	5.17	25.04					5.253147009	64.37394495			0.08	1.61	Excellent
3520	06/13/21 07:30:00	5.27	25.06					5.355856728	65.65679141			0.09	1.63	Excellent
3521	06/13/21 08:00:00	5.33	25.10					5.417948223	66.46694064			0.09	1.65	Excellent
3522	06/13/21 08:30:00	5.41	25.12					5.500398991	67.50330437			0.09	1.67	Excellent
3523	06/13/21 09:00:00	5.53	25.16					5.623559944	69.06563874			0.09	1.69	Excellent
3524	06/13/21 09:30:00	5.51	25.22					5.604373192	68.90602729			0.09	1.71	Excellent
3525	06/13/21 10:00:00	5.57	25.26					5.66656501	69.72193913			0.10	1.73	Excellent
3526	06/13/21 10:30:00	5.70	25.36					5.800010103	71.49506958			0.10	1.75	Excellent
3527	06/13/21 11:00:00	5.73	25.44					5.831734073	71.99170572			0.10	1.78	Excellent
3528	06/13/21 11:30:00	5.68	25.56					5.782033492	71.53525653			0.10	1.80	Excellent
3529	06/13/21 12:00:00	5.67	25.60					5.773038917	71.47627803			0.10	1.82	Excellent
3530	06/13/21 12:30:00	5.63	25.64					5.733488712	71.03855823			0.10	1.84	Excellent
3531	06/13/21 13:00:00	5.62	25.60					5.724479506	70.87506158			0.10	1.86	Excellent
3532	06/13/21 13:30:00	5.53	25.56					5.633962147	69.70331943			0.10	1.88	Excellent
3533	06/13/21 14:00:00	5.58	25.52					5.686068381	70.29647199			0.11	1.90	Excellent
3534	06/13/21 14:30:00	5.51	25.48					5.615889394	69.37799353			0.11	1.92	Excellent
3535	06/13/21 15:00:00	5.56	25.48					5.668012348	70.02191398			0.11	1.94	Excellent
3536	06/13/21 15:30:00	5.54	25.48					5.648781705	69.78434102			0.11	1.96	Excellent
3537	06/13/21 16:00:00	5.59	25.50					5.70093183	70.45441131			0.11	1.98	Excellent
3538	06/13/21 16:30:00	5.58	25.44					5.691899634	70.26547478			0.11	2.01	Excellent
3539	06/13/21 17:00:00	5.57	25.40					5.682863257	70.10247354			0.11	2.03	Excellent
3540	06/13/21 17:30:00	5.48	25.32					5.592184964	68.88265842			0.11	2.05	Excellent
3541	06/13/21 18:00:00	5.57	25.26					5.685191578	69.95112214			0.12	2.07	Excellent
3542	06/13/21 18:30:00	5.60	25.20					5.71698243	70.26470816			0.12	2.09	Excellent
3543	06/13/21 19:00:00	5.58	25.14					5.697730887	69.95080661			0.12	2.11	Excellent
3544	06/13/21 19:30:00	5.56	25.08					5.678470983	69.63734505			0.12	2.13	Excellent
3545	06/13/21 20:00:00	5.55	25.00					5.669417886	69.42384034			0.12	2.15	Excellent
3546	06/13/21 20:30:00	5.53	24.92					5.650143351	69.08571848			0.12	2.17	Excellent
3547	06/13/21 21:00:00	5.52	24.86					5.641079804	68.89846806			0.12	2.19	Excellent
3548	06/13/21 21:30:00	5.51	24.78					5.632012077	68.68600798			0.12	2.21	Excellent
3549	06/13/21 22:00:00	5.53	24.72					5.653610752	68.87286617			0.12	2.24	Excellent
3550	06/13/21 22:30:00	5.59	24.66					5.716120258	69.55698549			0.13	2.26	Excellent
3551	06/13/21 23:00:00	5.55	24.60					5.676377768	68.99655632			0.13	2.28	Excellent
3552	06/13/21 23:30:00	5.53	24.54				7.309	5.657078153	68.68542973		7.324	0.13	2.30	Excellent
3553	06/14/21 00:00:00	5.61	24.52	5.44	7.27	6.17729		5.740089056	69.66742386	6.353		0.13	2.32	Excellent
3554	06/14/21 00:30:00	5.61	24.46					5.741261577	69.60400325			0.13	2.34	Excellent
3555	06/14/21 01:00:00	5.57	24.42					5.701489826	69.07043365			0.13	2.36	Excellent
3556	06/14/21 01:30:00	5.44	24.38					5.569557933	67.42195074			0.13	2.38	Excellent
3557	06/14/21 02:00:00	5.64	24.34					5.775499883	69.86292127			0.14	2.40	Excellent
3558	06/14/21 02:30:00	5.63	24.32					5.766436336	69.72730516			0.14	2.42	Excellent
3559	06/14/21 03:00:00	5.60	24.28					5.736879752	69.31822304			0.14	2.44	Excellent
3560	06/14/21 03:30:00	5.60	24.24					5.738050183	69.28067732			0.14	2.47	Excellent
3561	06/14/21 04:00:00	5.60	24.22					5.739220613	69.26896305			0.14	2.49	Excellent
3562	06/14/21 04:30:00	5.53	24.20					5.668636156	68.39152492			0.14	2.51	Excellent
3563	06/14/21 05:00:00	5.57	24.20					5.71080311	68.90026498			0.14	2.53	Excellent
3564	06/14/21 05:30:00	5.56	24.18					5.701712392	68.76491372			0.14	2.55	Excellent
3565	06/14/21 06:00:00	5.53	24.16					5.672103557	68.38228224			0.14	2.57	Excellent
3566	06/14/21 06:30:00	5.55	24.14					5.693777474	68.61794811			0.14	2.59	Excellent
3567	06/14/21 07:00:00	5.56	24.12					5.705198603	68.7299068			0.15	2.61	Excellent
3568	06/14/21 07:30:00	5.60	24.12					5.747413628	69.23846661			0.15	2.63	Excellent
3569	06/14/21 08:00:00	5.63	24.10					5.779380045	69.597549			0.15	2.65	Excellent
3570	06/14/21 08:30:00	5.71	24.12					5.862696096	70.62726195			0.15	2.67	Excellent
3571	06/14/21 09:00:00	5.75	24.16					5.904967552	71.189666			0.15	2.70	Excellent
3572	06/14/21 09:30:00	5.80	24.18					5.957527328	71.85014334			0.16	2.72	Excellent
3573	06/14/21 10:00:00	5.81	24.20					5.969013248	72.01554432			0.16	2.74	Excellent
3574	06/14/21 10:30:00	5.80	24.20					5.959951791	71.90621876			0.16	2.76	Excellent
3575	06/14/21 11:00:00	5.73	24.20					5.88921894	71.05283402			0.16	2.78	Excellent
3576	06/14/21 11:30:00	5.79	24.26					5.952096296	71.8918568			0.16	2.80	Excellent
3577	06/14/21 12:00:00	5.78	24.34					5.943024388	71.88936947			0.16	2.82	Excellent
3578	06/14/21 12:30:00	5.86	24.30					6.026505553	72.84489323			0.17	2.84	Excellent
3579	06/14/21 13:00:00	5.99	24.30					6.161451305	74.47603898			0.17	2.86	Excellent
3580	06/14/21 13:30:00	6.05	24.34					6.224433164	75.2934106			0.17	2.88	Excellent
3581	06/14/21 14:00:00	6.05	24.38					6.225697647	75.36481085			0.18	2.90	Excellent
3582	06/14/21 14:30:00	6.13	24.42					6.309302125	76.43374752			0.18	2.92	Excellent
3583	06/14/21 15:00:00	6.43	24.54					6.619421012	80.36971817			0.19	2.95	Excellent
3584	06/14/21 15:30:00	6.60	24.70					6.795808469	82.75656882			0.20	2.97	Excellent
3585	06/14/21 16:00:00	6.75	24.76					6.951669448	84.74869942			0.20	2.99	Excellent
3586	06/14/21 16:30:00	6.88	24.78					7.08699141	86.43041633			0.21	3.01	Excellent
3587	06/14/21 17:00:00	7.07	24.84					7.284185412	88.93397952			0.21	3.03	Excellent

3588	06/14/21 17:30:00	7.21	24.90					7.429933636	90.81410253			0.22	3.05	Excellent
3589	06/14/21 18:00:00	7.19	24.94					7.410826306	90.64750448			0.22	3.07	Excellent
3590	06/14/21 18:30:00	7.27	24.94					7.494802814	91.6746856			0.22	3.09	Excellent
3591	06/14/21 19:00:00	7.18	24.76					7.403520495	90.25727385			0.22	3.11	Excellent
3592	06/14/21 19:30:00	6.99	24.60					7.209066556	87.62643836			0.22	3.13	Excellent
3593	06/14/21 20:00:00	7.07	24.48					7.293051424	88.4499555			0.22	3.15	Excellent
3594	06/14/21 20:30:00	6.99	24.40					7.211988452	87.33679579			0.22	3.18	Excellent
3595	06/14/21 21:00:00	7.04	24.32					7.265047751	87.84839927			0.23	3.20	Excellent
3596	06/14/21 21:30:00	6.86	24.30					7.080727467	85.58771443			0.22	3.22	Excellent
3597	06/14/21 22:00:00	6.99	24.28					7.216371297	87.19479172			0.23	3.24	Excellent
3598	06/14/21 22:30:00	6.92	24.24					7.145550664	86.27470552			0.23	3.26	Excellent
3599	06/14/21 23:00:00	7.02	24.22					7.250277285	87.50651406			0.23	3.28	Excellent
3600	06/14/21 23:30:00	6.97	24.26				6.804	7.200093901	86.96568302		6.808	0.23	3.30	Excellent
3601	06/15/21 00:00:00	6.88	24.30	6.55	7.84	7.21750		7.108560776	85.92414728	7.345		0.23	3.32	Excellent
3602	06/15/21 00:30:00	6.77	24.32					6.996321428	84.59898122			0.23	3.34	Excellent
3603	06/15/21 01:00:00	6.71	24.28					6.935718052	83.80368277			0.23	3.36	Excellent
3604	06/15/21 01:30:00	6.63	24.26					6.854412634	82.79040309			0.22	3.38	Excellent
3605	06/15/21 02:00:00	6.70	24.22					6.928182335	83.6190205			0.23	3.41	Excellent
3606	06/15/21 02:30:00	6.60	24.16					6.826156065	82.29541755			0.23	3.43	Excellent
3607	06/15/21 03:00:00	6.68	24.14					6.910293507	83.27866051			0.23	3.45	Excellent
3608	06/15/21 03:30:00	6.55	24.12					6.777180733	81.64395887			0.23	3.47	Excellent
3609	06/15/21 04:00:00	6.66	24.10					6.892387958	83.00082447			0.23	3.49	Excellent
3610	06/15/21 04:30:00	6.70	24.06					6.935184018	83.45376738			0.24	3.51	Excellent
3611	06/15/21 05:00:00	6.74	24.04					6.977996799	83.93754957			0.24	3.53	Excellent
3612	06/15/21 05:30:00	6.68	24.02					6.91727429	83.17600045			0.24	3.55	Excellent
3613	06/15/21 06:00:00	6.73	24.02					6.970456902	83.81548889			0.24	3.57	Excellent
3614	06/15/21 06:30:00	6.73	24.00					6.971863509	83.80103472			0.24	3.59	Excellent
3615	06/15/21 07:00:00	6.76	24.00					7.004354529	84.19157322			0.24	3.61	Excellent
3616	06/15/21 07:30:00	6.78	24.00					7.026494529	84.45769359			0.25	3.64	Excellent
3617	06/15/21 08:00:00	6.58	24.00					6.82059856	81.98284662			0.24	3.66	Excellent
3618	06/15/21 08:30:00	6.69	24.04					6.936018971	83.43260292			0.25	3.68	Excellent
3619	06/15/21 09:00:00	6.77	24.06					7.020375869	84.47891406			0.25	3.70	Excellent
3620	06/15/21 09:30:00	6.83	24.10					7.084022365	85.30856075			0.25	3.72	Excellent
3621	06/15/21 10:00:00	6.90	24.14					7.158067953	86.26468765			0.26	3.74	Excellent
3622	06/15/21 10:30:00	6.99	24.20					7.252895005	87.50544855			0.26	3.76	Excellent
3623	06/15/21 11:00:00	7.07	24.26					7.337381486	88.62389869			0.27	3.78	Excellent
3624	06/15/21 11:30:00	7.10	24.32					7.37	89.1174738			0.27	3.80	Excellent
3625	06/15/21 12:00:00	7.53	24.22					7.499759036	89.20015247			-0.03	-0.40	Excellent
3626	06/15/21 12:30:00	7.47	24.40					7.44	88.78621466			-0.03	-0.40	Excellent
3627	06/15/21 13:00:00	7.49	24.44					7.464088158	89.13987759			-0.03	-0.35	Excellent
3628	06/15/21 13:30:00	7.52	24.42					7.498169548	89.51364022			-0.02	-0.29	Excellent
3629	06/15/21 14:00:00	7.47	24.38					7.452472046	88.90200521			-0.02	-0.23	Excellent
3630	06/15/21 14:30:00	7.51	24.38					7.496557799	89.42791282			-0.01	-0.18	Excellent
3631	06/15/21 15:00:00	7.59	24.42					7.58063874	90.49816284			-0.01	-0.12	Excellent
3632	06/15/21 15:30:00	7.60	24.44					7.594856105	90.70157387			-0.01	-0.07	Excellent
3633	06/15/21 16:00:00	7.66	24.46					7.659078586	91.50252174			0.00	-0.01	Excellent
3634	06/15/21 16:30:00	7.78	24.50					7.783394028	93.0567634			0.00	0.04	Excellent
3635	06/15/21 17:00:00	7.78	24.46					7.787723904	93.03943911			0.01	0.10	Excellent
3636	06/15/21 17:30:00	7.78	24.44					7.79205378	93.05660723			0.01	0.15	Excellent
3637	06/15/21 18:00:00	7.79	24.44					7.806404714	93.22799327			0.02	0.21	Excellent
3638	06/15/21 18:30:00	7.83	24.48					7.850846652	93.82838683			0.02	0.27	Excellent
3639	06/15/21 19:00:00	7.83	24.46					7.855204355	93.84562374			0.03	0.32	Excellent
3640	06/15/21 19:30:00	7.84	24.44					7.869599813	93.98270078			0.03	0.38	Excellent
3641	06/15/21 20:00:00	7.79	24.42					7.82374648	93.40039899			0.03	0.43	Excellent
3642	06/15/21 20:30:00	7.79	24.40					7.828081921	93.4174411			0.04	0.49	Excellent
3643	06/15/21 21:00:00	7.77	24.38					7.81230846	93.19456458			0.04	0.54	Excellent
3644	06/15/21 21:30:00	7.76	24.34					7.806572754	93.05691796			0.05	0.60	Excellent
3645	06/15/21 22:00:00	7.71	24.32					7.76056359	92.4740697			0.05	0.66	Excellent
3646	06/15/21 22:30:00	7.69	24.30					7.744712214	92.25085559			0.05	0.71	Excellent
3647	06/15/21 23:00:00	7.64	24.28					7.698608439	91.66756857			0.06	0.77	Excellent
3648	06/15/21 23:30:00	7.59	24.26				6.547	7.652449009	91.08403064		6.571	0.06	0.82	Excellent
3649	06/16/21 00:00:00	7.57	24.24	7.21	8.46	7.78042		7.636497456	90.86032301	7.953		0.07	0.88	Excellent
3650	06/16/21 00:30:00	7.52	24.22					7.590243414	90.27634976			0.07	0.93	Excellent
3651	06/16/21 01:00:00	7.49	24.22					7.564131668	89.96578354			0.07	0.99	Excellent
3652	06/16/21 01:30:00	7.45	24.20					7.527881989	89.5012836			0.08	1.05	Excellent
3653	06/16/21 02:00:00	7.43	24.18					7.511807997	89.27689313			0.08	1.10	Excellent
3654	06/16/21 02:30:00	7.41	24.16					7.495711743	89.05238335			0.09	1.16	Excellent
3655	06/16/21 03:00:00	7.42	24.14					7.509956935	89.18835435			0.09	1.21	Excellent
3656	06/16/21 03:30:00	7.39	24.12					7.483706054	88.84344932			0.09	1.27	Excellent
3657	06/16/21 04:00:00	7.32	24.12					7.416892314	88.05026435			0.10	1.32	Excellent
3658	06/16/21 04:30:00	7.32	24.10					7.420966181	88.06575903			0.10	1.38	Excellent
3659	06/16/21 05:00:00	7.31	24.08					7.414896552	87.96089079			0.10	1.43	Excellent
3660	06/16/21 05:30:00	7.26	24.06					7.368219541	87.37454456			0.11	1.49	Excellent
3661	06/16/21 06:00:00	7.27	24.04					7.382414644	87.51018454			0.11	1.55	Excellent
3662	06/16/21 06:30:00	7.25	24.02					7.366140298	87.28465551			0.12	1.60	Excellent
3663	06/16/21 07:00:00	7.21	24.00					7.329512173	86.81818243			0.12	1.66	Excellent
3664	06/16/21 07:30:00	7.22	24.00					7.343696146	86.9861918			0.12	1.71	Excellent
3665	06/16/21 08:00:00	7.27	24.00					7.398598808	87.63651467			0.13	1.77	Excellent
3666	06/16/21 08:30:00	7.33	24.00					7.463739579	88.40810809			0.13	1.82	Excellent
3667	06/16/21 09:00:00	7.33	24.02					7.467819013	88.48949158			0.14	1.88	Excellent
3668	06/16/21 09:30:00	7.39	24.06					7.533059961	89.32927142			0.14	1.94	Excellent
3669	06/16/21 10:00:00	7.42	24.10					7.567770241	89.80790562			0.15	1.99	Excellent
3670	06/16/21 10:30:00	7.46	24.14					7.612718629	90.40875367			0.15	2.05	Excellent
3671	06/16/21 11:00:00	7.51	24.18					7.667921823	91.13228631			0.16	2.10	Excellent
3672	06/16/21 11:30:00	7.59	24.24					7.753828213	92.25634396			0.16	2.16	Excellent
3673	06/16/21 12:00:00	7.65	24.28					7.819380823	93.10560909			0.17	2.21	Excellent
3674	06/16/21 12:30:00	7.72	24.32					7.895227197	94.07870725			0.18	2.27	Excellent
3675	06/16/21 13:00:00	7.83	24.38					8.01208166	95.57769839			0.18	2.33	Excellent
3676	06/16/21 13:30:00	7.83	24.40					8.016439363	95.66522931			0.19	2.38	Excellent
3677	06/16/21 14:00:00	7.91	24.42					8.102746461	96.73111909			0.19	2.44	Excellent
3678	06/16/21 14:30:00	8.00	24.46					8.199391846	97.95760967			0.20	2.49	Excellent
3679	06/16/21 15:00:00	8.05	24.44					8.255118186	98.5867542			0.21	2.55	Excellent
3680	06/16/21 15:30:00	8.20	24.48					8.413503887	100.5529126			0.21	2.60	Excellent
3681	06/16/21 16:00:00	8.29	24.52					8.510460933	101.787192			0.22	2.66	Excellent
3682	06/16/21 16:30:00	8.42	24.52					8.648604162	103.4394188			0.23	2.72	Excellent
3683	06/16/21 17:00:00	8.46	24.54					8.69439849	104.0257058			0.23	2.77	Excellent
3684	06/16/21 17:30:00	8.46	24.54					8.699106813	104.0820394			0.24	2.83	Excellent
3685	06/16/21 18:00:00	8.46	24.52					8.703815136	104.0997555			0.24	2.88	Excellent
3686	06/16/21 18:30:00	8.45	24.50					8.698229695	103.9943629			0.25	2.94	Excellent
3687	06/16/21 19:00:00	8.37	24.46					8.620537826	102.9890137			0.25	2.99	Excellent
3688	06/16/21 19:30:00	8.35	24.42					8.604586273	102.7221157			0.25	3.05	Excellent
3689	06/16/21 20:00:00	8.32	24.42					8.578301999	102.4083323			0.26	3.10	Excellent
3690	06/16/21 20:30:00	8.30	24.40					8.562300357	102.179333			0.26	3.16	Excellent
3691	06/16/21 21:00:00	8.22	24.38					8.484346914	101.2114435			0.26	3.22	Excellent
3692	06/16/21 21:30:00	8.30	24.38					8.57153891	102.251574			0.27	3.27	Excellent
3693	06/16/21 22:00:00	8.28	24.36					8.555492745	102.0222219			0.28	3.33	Excellent
3694	06/16/21 22:30:00	8.19	24.32					8.467056315	100.8925636			0.28	3.38	Excellent
3695	06/16/21 23:00:00	8.16	24.30					8.440582818	100.5396928			0.28	3.44	Excellent
3696	06/16/21 23:30:00	8.10	24.30				6.493	8.383027677	99.85412682		6.567	0.28	3.49	Excellent
3697	06/17/21 00:00:00	7.94	24.26	7.53	8.78	8.09438		8.22185593	97.86145279	8.490		0.28	3.55	Excellent
3698	06/17/21 00:30:00	7.84	24.22					8.122669375	96.60888346			0.28	3.61	Excellent
3699	06/17/21 01:00:00	7.77	24.20					8.054469852	95.76204721			0.28	3.66	Excellent
3700	06/17/21 01:30:00	7.76	24.18					8.048422484	95.65448881			0.29	3.72	Excellent
3701	06/17/21 02:00:00	7.72	24.14					8.011232254	95.14150709			0.29	3.77	Excellent
3702	06/17/21 02:30:00	7.70	24.12					7.994763119	94.91050648			0.29	3.83	Excellent
3703	06/17/21 03:00:00	7.76	24.10					8.06137872	95.66563415			0.30	3.88	Excellent

3704	06/17/21 03:30:00	7.78	24.08					8.086485345	95.92776504			0.31	3.94	Good
3705	06/17/21 04:00:00	7.77	24.08					8.080415715	95.85576269			0.31	4.00	Good
3706	06/17/21 04:30:00	7.74	24.06					8.053524813	95.50109884			0.31	4.05	Good
3707	06/17/21 05:00:00	7.72	24.06					8.037011155	95.30527496			0.32	4.11	Good
3708	06/17/21 05:30:00	7.59	24.04					7.905897018	93.71547662			0.32	4.16	Good
3709	06/17/21 06:00:00	7.60	24.04					7.920542919	93.88908723			0.32	4.22	Good
3710	06/17/21 06:30:00	7.56	24.02					7.883063288	93.40990472			0.32	4.27	Good
3711	06/17/21 07:00:00	7.53	24.02					7.855972032	93.08888844			0.33	4.33	Good
3712	06/17/21 07:30:00	7.56	24.02					7.891478162	93.5096163			0.33	4.38	Good
3713	06/17/21 08:00:00	7.63	24.00					7.9687938	94.39048296			0.34	4.44	Good
3714	06/17/21 08:30:00	7.69	24.06					8.035737759	95.29017464			0.35	4.50	Good
3715	06/17/21 09:00:00	7.71	24.08					8.060927865	95.62458365			0.35	4.55	Good
3716	06/17/21 09:30:00	7.72	24.12					8.075679508	95.87111224			0.36	4.61	Good
3717	06/17/21 10:00:00	7.83	24.18					8.195105183	97.39779423			0.37	4.66	Good
3718	06/17/21 10:30:00	7.94	24.22					8.314653297	98.8922895			0.37	4.72	Good
3719	06/17/21 11:00:00	8.07	24.28					8.455278691	100.6772647			0.39	4.77	Good
3720	06/17/21 11:30:00	8.11	24.32					8.501701909	101.3053969			0.39	4.83	Good
3721	06/17/21 12:00:00	8.16	24.38					8.558658201	102.0979175			0.40	4.89	Good
3722	06/17/21 12:30:00	8.14	24.42					8.542211328	101.9774795			0.40	4.94	Good
3723	06/17/21 13:00:00	8.20	24.46					8.609739653	102.8600087			0.41	5.00	Good
3724	06/17/21 13:30:00	8.30	24.52					8.719355755	104.2856251			0.42	5.05	Good
3725	06/17/21 14:00:00	8.32	24.54					8.744996658	104.6310968			0.42	5.11	Good
3726	06/17/21 14:30:00	8.57	24.62					9.012536532	107.9921081			0.44	5.16	Good
3727	06/17/21 15:00:00	8.73	24.70					9.185657179	110.2296241			0.46	5.22	Good
3728	06/17/21 15:30:00	8.69	24.72					9.148405729	109.8232201			0.46	5.28	Good
3729	06/17/21 16:00:00	8.70	24.74					9.163775131	110.0484162			0.46	5.33	Good
3730	06/17/21 16:30:00	8.78	24.78					9.252926145	111.2012233			0.47	5.39	Good
3731	06/17/21 17:00:00	8.77	24.76					9.247268355	111.0921585			0.48	5.44	Good
3732	06/17/21 17:30:00	8.70	24.74					9.178300808	110.2228561			0.48	5.50	Good
3733	06/17/21 18:00:00	8.61	24.70					9.088144672	109.0594555			0.48	5.55	Good
3734	06/17/21 18:30:00	8.61	24.66					9.092936475	109.0362198			0.48	5.61	Good
3735	06/17/21 19:00:00	8.70	24.68					9.192826484	110.2748428			0.49	5.66	Good
3736	06/17/21 19:30:00	8.67	24.68					9.165952278	109.9524665			0.50	5.72	Good
3737	06/17/21 20:00:00	8.51	24.64					9.001535906	107.9002489			0.49	5.78	Good
3738	06/17/21 20:30:00	8.40	24.58					8.889857258	106.4432033			0.49	5.83	Good
3739	06/17/21 21:00:00	8.33	24.52					8.820411087	105.4942716			0.49	5.89	Good
3740	06/17/21 21:30:00	8.28	24.50					8.772075589	104.8772502			0.49	5.94	Good
3741	06/17/21 22:00:00	8.15	24.44					8.63888556	103.1698963			0.49	6.00	Good
3742	06/17/21 22:30:00	8.11	24.42					8.600999655	102.6792984			0.49	6.05	Good
3743	06/17/21 23:00:00	8.04	24.40					8.531236257	101.8086255			0.49	6.11	Good
3744	06/17/21 23:30:00	8.02	24.36				6.638	8.514477721	101.5331275		6.782	0.49	6.17	Good
3745	06/18/21 00:00:00	8.00	24.34	7.51	8.76	8.11854		8.497696924	101.2953457	8.733		0.50	6.22	Good
3746	06/18/21 00:30:00	7.96	24.32					8.459638493	100.8041736			0.50	6.28	Good
3747	06/18/21 01:00:00	7.89	24.30					8.389635782	99.93283902			0.50	6.33	Good
3748	06/18/21 01:30:00	7.82	24.26					8.319555156	99.02432749			0.50	6.39	Good
3749	06/18/21 02:00:00	7.78	24.22					8.281329763	98.4959482			0.50	6.44	Good
3750	06/18/21 02:30:00	7.78	24.22					8.285659639	98.5474466			0.51	6.50	Fair
3751	06/18/21 03:00:00	7.74	24.20					8.247367461	98.05546568			0.51	6.56	Fair
3752	06/18/21 03:30:00	7.68	24.20					8.187708602	97.34616332			0.51	6.61	Fair
3753	06/18/21 04:00:00	7.69	24.18					8.202649468	97.48745711			0.51	6.67	Fair
3754	06/18/21 04:30:00	7.67	24.14					8.185584836	97.21212081			0.52	6.72	Fair
3755	06/18/21 05:00:00	7.62	24.14					8.136464617	96.6287684			0.52	6.78	Fair
3756	06/18/21 05:30:00	7.60	24.12					8.119338766	96.38941681			0.52	6.83	Fair
3757	06/18/21 06:00:00	7.59	24.08					8.112879559	96.24087239			0.52	6.89	Fair
3758	06/18/21 06:30:00	7.51	24.10					8.031547922	95.31162744			0.52	6.94	Fair
3759	06/18/21 07:00:00	7.53	24.10					8.057127606	95.61518552			0.53	7.00	Fair
3760	06/18/21 07:30:00	7.52	24.10					8.050612745	95.53787266			0.53	7.06	Fair
3761	06/18/21 08:00:00	7.54	24.10					8.076220256	95.84176097			0.54	7.11	Fair
3762	06/18/21 08:30:00	7.55	24.08					8.091133295	95.98290241			0.54	7.17	Fair
3763	06/18/21 09:00:00	7.63	24.12					8.181113553	97.12278142			0.55	7.22	Fair
3764	06/18/21 09:30:00	7.77	24.18					8.335550039	99.06696367			0.57	7.28	Fair
3765	06/18/21 10:00:00	7.87	24.24					8.447208639	100.5063002			0.58	7.33	Fair
3766	06/18/21 10:30:00	7.96	24.30					8.548239554	101.822042			0.59	7.39	Fair
3767	06/18/21 11:00:00	7.96	24.34					8.552669607	101.9506381			0.59	7.45	Fair
3768	06/18/21 11:30:00	7.99	24.38					8.589350035	102.4640464			0.60	7.50	Fair
3769	06/18/21 12:00:00	7.96	24.40					8.561529713	102.1701364			0.60	7.56	Fair
3770	06/18/21 12:30:00	8.06	24.44					8.673572326	103.584143			0.61	7.61	Fair
3771	06/18/21 13:00:00	8.14	24.50					8.764192604	104.7830027			0.62	7.67	Fair
3772	06/18/21 13:30:00	8.26	24.56					8.897991475	106.5011132			0.64	7.72	Fair
3773	06/18/21 14:00:00	8.41	24.62					9.064257772	108.6118544			0.65	7.78	Fair
3774	06/18/21 14:30:00	8.52	24.66					9.187556961	110.1708434			0.67	7.84	Fair
3775	06/18/21 15:00:00	8.59	24.70					9.267822257	111.2156205			0.68	7.89	Fair
3776	06/18/21 15:30:00	8.64	24.72					9.326576171	111.9620902			0.69	7.95	Fair
3777	06/18/21 16:00:00	8.60	24.74					9.288183816	111.5424488			0.69	8.00	Fair
3778	06/18/21 16:30:00	8.70	24.78					9.401027846	112.9811025			0.70	8.06	Fair
3779	06/18/21 17:00:00	8.76	24.78					9.470737805	113.8188734			0.71	8.11	Fair
3780	06/18/21 17:30:00	8.64	24.76					9.345810171	112.2759917			0.71	8.17	Fair
3781	06/18/21 18:00:00	8.59	24.70					9.296506294	111.5598344			0.71	8.22	Fair
3782	06/18/21 18:30:00	8.59	24.70					9.301286967	111.6172034			0.71	8.28	Fair
3783	06/18/21 19:00:00	8.49	24.70					9.197731578	110.3745191			0.71	8.34	Fair
3784	06/18/21 19:30:00	8.48	24.70					9.191617426	110.3011482			0.71	8.39	Fair
3785	06/18/21 20:00:00	8.42	24.70					9.131268458	109.5769491			0.71	8.45	Fair
3786	06/18/21 20:30:00	8.42	24.74					9.135954519	109.7143165			0.72	8.50	Fair
3787	06/18/21 21:00:00	8.53	24.80					9.260055125	111.328029			0.73	8.56	Fair
3788	06/18/21 21:30:00	8.72	24.90					9.471169633	114.0765222			0.75	8.61	Fair
3789	06/18/21 22:00:00	8.70	24.94					9.454288659	113.9572288			0.75	8.67	Fair
3790	06/18/21 22:30:00	8.74	24.96					9.502620807	114.5820359			0.76	8.73	Fair
3791	06/18/21 23:00:00	8.65	24.92					9.409581797	113.3765361			0.76	8.78	Fair
3792	06/18/21 23:30:00	8.43	24.88				6.923	9.17495458	110.467959		7.156	0.74	8.84	Fair
3793	06/19/21 00:00:00	8.35	24.80	6.83	8.35	7.58521		9.092532127	109.3140016	8.360		0.74	8.89	Fair
3794	06/19/21 00:30:00	8.27	24.76					9.010020627	108.2419803			0.74	8.95	Fair
3795	06/19/21 01:00:00	7.90	24.66					8.611308747	103.2608724			0.71	9.00	Fair
3796	06/19/21 01:30:00	7.57	24.56					8.255808852	98.81475342			0.69	9.06	Fair
3797	06/19/21 02:00:00	7.39	24.52					8.063614466	96.44279912			0.67	9.12	Fair
3798	06/19/21 02:30:00	7.38	24.48					8.056810205	96.28993382			0.68	9.17	Fair
3799	06/19/21 03:00:00	7.35	24.48					8.028149508	95.94739917			0.68	9.23	Fair
3800	06/19/21 03:30:00	7.35	24.48					8.032240072	95.99628702			0.68	9.28	Fair
3801	06/19/21 04:00:00	7.30	24.48					7.98166172	95.39180634			0.68	9.34	Fair
3802	06/19/21 04:30:00	7.30	24.48					7.985724457	95.44036162			0.69	9.39	Fair
3803	06/19/21 05:00:00	7.26	24.48					7.946007538	94.96568996			0.69	9.45	Fair
3804	06/19/21 05:30:00	7.12	24.48					7.796741303	93.18175369			0.68	9.50	Fair
3805	06/19/21 06:00:00	7.19	24.48					7.877396176	94.14569006			0.69	9.56	Fair
3806	06/19/21 06:30:00	7.48	24.52					8.199284388	98.06544453			0.72	9.62	Fair
3807	06/19/21 07:00:00	7.59	24.56					8.324086233	99.63197347			0.73	9.67	Fair
3808	06/19/21 07:30:00	7.50	24.54					8.229555698	98.46401004			0.73	9.73	Fair
3809	06/19/21 08:00:00	7.27	24.48					7.981228698	95.38663113			0.71	9.78	Fair
3810	06/19/21 08:30:00	7.03	24.46					7.721661817	92.25019959			0.69	9.84	Fair
3811	06/19/21 09:00:00	6.90	24.44					7.582711606	90.55653819			0.68	9.89	Fair
3812	06/19/21 09:30:00	6.83	24.44					7.50958671	89.68324407			0.68	9.95	Fair
3813	06/19/21 10:00:00	6.91	24.46					7.601392417	90.81334876			0.69	10.01	Fair
3814	06/19/21 10:30:00	7.05	24.52					7.75932397	92.80341044			0.71	10.06	Fair
3815	06/19/21 11:00:00	7.08	24.52					7.796282668	93.2454455			0.72	10.12	Fair
3816	06/19/21 11:30:00	7.30	24.54					8.042602776	96.22717793			0.74	10.17	Fair
3817	06/19/21 12:00:00	7.20	24.60					7.936437219	95.06259661			0.74	10.23	Fair
3818	06/19/21 12:30:00	7.36	24.66					8.11689862	97.33224734			0.76	10.28	Fair
3819	06/19/21 13:00:00	7.62	24.78					8.407877716	101.0454718			0.79	10.34	Fair

3820	06/19/21 13:30:00	7.92	24.88					8.743304315	105.270819			0.82	10.40	Poor
3821	06/19/21 14:00:00	7.96	24.90					8.791892471	105.8948953			0.83	10.45	Poor
3822	06/19/21 14:30:00	7.71	24.84					8.520056113	102.5071654			0.81	10.51	Poor
3823	06/19/21 15:00:00	7.76	24.78					8.57962814	103.1095601			0.82	10.56	Poor
3824	06/19/21 15:30:00	7.62	24.78					8.429081864	101.3003022			0.81	10.62	Poor
3825	06/19/21 16:00:00	7.82	24.86					8.654669746	104.1651902			0.83	10.67	Poor
3826	06/19/21 16:30:00	8.17	24.96					9.046574014	109.0830508			0.88	10.73	Poor
3827	06/19/21 17:00:00	8.17	25.00					9.05112094	109.2183456			0.88	10.78	Poor
3828	06/19/21 17:30:00	8.19	24.98					9.077835964	109.5003567			0.89	10.84	Poor
3829	06/19/21 18:00:00	8.11	24.94					8.993677108	108.4052494			0.88	10.90	Poor
3830	06/19/21 18:30:00	8.00	24.92					8.876143666	106.9491126			0.88	10.95	Poor
3831	06/19/21 19:00:00	7.96	24.92					8.836193001	106.4677449			0.88	11.01	Poor
3832	06/19/21 19:30:00	8.02	24.90					8.907260916	107.284463			0.89	11.06	Poor
3833	06/19/21 20:00:00	8.00	24.90					8.88950061	107.070547			0.89	11.12	Poor
3834	06/19/21 20:30:00	7.94	24.90					8.827248278	106.3207421			0.89	11.17	Poor
3835	06/19/21 21:00:00	7.63	24.86					8.486853997	102.1454067			0.86	11.23	Poor
3836	06/19/21 21:30:00	7.90	24.88					8.791571834	105.8519678			0.89	11.29	Poor
3837	06/19/21 22:00:00	7.82	24.86					8.706895396	104.7937636			0.89	11.34	Poor
3838	06/19/21 22:30:00	7.64	24.82					8.510732885	102.3571869			0.87	11.40	Poor
3839	06/19/21 23:00:00	7.48	24.76					8.336660555	100.1525618			0.86	11.45	Poor
3840	06/19/21 23:30:00	7.42	24.72				7.208	8.273918468	99.32532465		7.545	0.85	11.51	Poor
3841	06/20/21 00:00:00	7.47	24.70	6.38	7.47	6.86063		8.333829985	100.0075366	7.743		0.86	11.56	Poor
3842	06/20/21 00:30:00	7.35	24.70					8.204043762	98.45007734			0.85	11.62	Poor
3843	06/20/21 01:00:00	7.45	24.70					8.319809623	99.83928957			0.87	11.68	Poor
3844	06/20/21 01:30:00	7.43	24.70					8.301609651	99.62088646			0.87	11.73	Poor
3845	06/20/21 02:00:00	7.23	24.70					8.082171528	96.98758748			0.85	11.79	Poor
3846	06/20/21 02:30:00	7.24	24.70					8.097379533	97.17008642			0.86	11.84	Poor
3847	06/20/21 03:00:00	7.26	24.68					8.123788461	97.45093054			0.86	11.90	Poor
3848	06/20/21 03:30:00	6.99	24.68					7.825554306	93.87338836			0.84	11.95	Poor
3849	06/20/21 04:00:00	7.01	24.66					7.85184636	94.15392354			0.84	12.01	Poor
3850	06/20/21 04:30:00	7.11	24.66					7.967812575	95.54451037			0.86	12.06	Poor
3851	06/20/21 05:00:00	7.11	24.64					7.97176957	95.55657276			0.86	12.12	Poor
3852	06/20/21 05:30:00	7.05	24.64					7.908420855	94.7972199			0.86	12.18	Poor
3853	06/20/21 06:00:00	6.94	24.62					7.788889438	93.32983977			0.85	12.23	Poor
3854	06/20/21 06:30:00	6.96	24.62					7.815209319	93.64521595			0.86	12.29	Poor
3855	06/20/21 07:00:00	6.93	24.62					7.785379889	93.28778684			0.86	12.34	Poor
3856	06/20/21 07:30:00	6.82	24.64					7.665598029	91.88653402			0.85	12.40	Poor
3857	06/20/21 08:00:00	6.93	24.64					7.793093524	93.41480606			0.86	12.45	Poor
3858	06/20/21 08:30:00	6.80	24.68					7.650687204	91.77572643			0.85	12.51	Poor
3859	06/20/21 09:00:00	6.62	24.70					7.451853304	89.42364953			0.83	12.57	Poor
3860	06/20/21 09:30:00	6.64	24.72					7.478061877	89.77136124			0.84	12.62	Poor
3861	06/20/21 10:00:00	6.79	24.76					7.650772899	91.91264306			0.86	12.68	Poor
3862	06/20/21 10:30:00	6.69	24.76					7.54181908	90.60372517			0.85	12.73	Poor
3863	06/20/21 11:00:00	6.52	24.74					7.353802089	88.31232341			0.83	12.79	Poor
3864	06/20/21 11:30:00	6.55	24.74					7.391283935	88.76244551			0.84	12.84	Poor
3865	06/20/21 12:00:00	6.59	24.76					7.440089141	89.38159144			0.85	12.90	Poor
3866	06/20/21 12:30:00	6.59	24.76					7.443756735	89.42565212			0.85	12.96	Poor
3867	06/20/21 13:00:00	6.56	24.80					7.413521031	89.12826906			0.85	13.01	Poor
3868	06/20/21 13:30:00	6.70	24.86					7.575465233	91.17618583			0.88	13.07	Poor
3869	06/20/21 14:00:00	6.81	24.92					7.703628575	92.82141779			0.89	13.12	Poor
3870	06/20/21 14:30:00	6.75	24.94					7.639511836	92.08282395			0.89	13.18	Poor
3871	06/20/21 15:00:00	6.71	24.92					7.597975034	91.54839283			0.89	13.23	Poor
3872	06/20/21 15:30:00	6.38	24.90					7.227854852	87.05667584			0.85	13.29	Poor
3873	06/20/21 16:00:00	6.48	24.88					7.344750487	88.43200134			0.86	13.34	Poor
3874	06/20/21 16:30:00	6.38	24.86					7.234956293	87.07791524			0.85	13.40	Poor
3875	06/20/21 17:00:00	6.52	24.84					7.397345726	88.9995244			0.88	13.46	Poor
3876	06/20/21 17:30:00	6.57	24.88					7.457730301	89.79229684			0.89	13.51	Poor
3877	06/20/21 18:00:00	6.51	24.84					7.393246246	88.95020241			0.88	13.57	Poor
3878	06/20/21 18:30:00	6.42	24.82					7.294608451	87.73105807			0.87	13.62	Poor
3879	06/20/21 19:00:00	6.49	24.78					7.37775662	88.66552576			0.89	13.68	Poor
3880	06/20/21 19:30:00	6.59	24.78					7.495103053	90.07578957			0.91	13.73	Poor
3881	06/20/21 20:00:00	6.79	24.84					7.72635094	92.95787765			0.94	13.79	Poor
3882	06/20/21 20:30:00	7.01	24.96					7.980590603	96.22948632			0.97	13.85	Poor
3883	06/20/21 21:00:00	7.14	25.06					8.132563834	98.24274799			0.99	13.90	Poor
3884	06/20/21 21:30:00	7.19	25.14					8.193516079	99.12482279			1.00	13.96	Poor
3885	06/20/21 22:00:00	7.25	25.14					8.265925254	100.000826			1.02	14.01	Poor
3886	06/20/21 22:30:00	7.06	25.08					8.053230173	97.32019582			0.99	14.07	Poor
3887	06/20/21 23:00:00	6.94	25.02					7.920210457	95.60705148			0.98	14.12	Poor
3888	06/20/21 23:30:00	6.99	25.06				7.405	7.981162702	96.41379669		7.854	0.99	14.18	Poor
3889	06/21/21 00:00:00	7.00	25.12	5.66	7.00	6.45604		7.99647645	96.70547687	7.461		1.00	14.24	Poor
3890	06/21/21 00:30:00	6.83	24.98					7.806077471	94.15991553			0.98	14.29	Poor
3891	06/21/21 01:00:00	6.53	24.98					7.466838577	90.06788522			0.94	14.35	Poor
3892	06/21/21 01:30:00	6.54	25.00					7.481913013	90.28297893			0.94	14.40	Poor
3893	06/21/21 02:00:00	6.53	24.96					7.474106981	90.12233696			0.94	14.46	Poor
3894	06/21/21 02:30:00	6.35	24.84					7.271616617	87.48684251			0.92	14.51	Poor
3895	06/21/21 03:00:00	5.93	24.70					6.793959576	81.52880032			0.86	14.57	Poor
3896	06/21/21 03:30:00	5.66	24.66					6.487772474	77.79689075			0.83	14.62	Poor
3897	06/21/21 04:00:00	6.01	24.66					6.89230462	82.6477611			0.88	14.68	Poor
3898	06/21/21 04:30:00	5.86	24.66					6.723545026	80.6241125			0.86	14.74	Poor
3899	06/21/21 05:00:00	5.79	24.66					6.646452005	79.69966618			0.86	14.79	Poor
3900	06/21/21 05:30:00	5.82	24.66					6.684128639	80.15145838			0.86	14.85	Poor
3901	06/21/21 06:00:00	5.87	24.66					6.74481931	80.87921903			0.87	14.90	Poor
3902	06/21/21 06:30:00	6.24	24.74					7.173434048	86.146271			0.93	14.96	Poor
3903	06/21/21 07:00:00	6.59	24.90					7.579457719	91.29159442			0.99	15.01	Poor
3904	06/21/21 07:30:00	6.38	24.88					7.34147792	88.3925991			0.96	15.07	Poor
3905	06/21/21 08:00:00	6.23	24.88					7.17233988	86.35614934			0.94	15.13	Poor
3906	06/21/21 08:30:00	6.29	24.86					7.244916017	87.19778769			0.95	15.18	Poor
3907	06/21/21 09:00:00	6.21	24.86					7.15622693	86.13035059			0.95	15.24	Poor
3908	06/21/21 09:30:00	6.19	24.82					7.136624479	85.83101078			0.95	15.29	Poor
3909	06/21/21 10:00:00	6.12	24.82					7.059325538	84.90134911			0.94	15.35	Poor
3910	06/21/21 10:30:00	6.30	24.86					7.270458957	87.5052154			0.97	15.40	Poor
3911	06/21/21 11:00:00	6.23	24.92					7.19314332	86.67055464			0.96	15.46	Poor
3912	06/21/21 11:30:00	6.40	24.98					7.392986771	89.17705627			0.99	15.52	Poor
3913	06/21/21 12:00:00	6.38	25.02					7.373434409	89.00676654			0.99	15.57	Poor
3914	06/21/21 12:30:00	6.55	25.04					7.573550564	91.45609711			1.02	15.63	Poor
3915	06/21/21 13:00:00	6.62	25.06					7.658173563	92.5120332			1.04	15.68	Poor
3916	06/21/21 13:30:00	6.61	25.12					7.650284049	92.51879523			1.04	15.74	Poor
3917	06/21/21 14:00:00	6.55	25.14					7.584486562	91.75680857			1.03	15.79	Poor
3918	06/21/21 14:30:00	6.66	25.20					7.71556617	93.44557889			1.06	15.85	Poor
3919	06/21/21 15:00:00	6.76	25.22					7.835177718	94.92909379			1.08	15.90	Poor
3920	06/21/21 15:30:00	6.60	25.22					7.653402884	92.72675444			1.05	15.96	Poor
3921	06/21/21 16:00:00	6.78	25.24					7.865905391	95.33638535			1.09	16.02	Poor
3922	06/21/21 16:30:00	6.61	25.24					7.672356399	92.99053191			1.06	16.07	Poor
3923	06/21/21 17:00:00	6.62	25.26					7.687647885	93.21008014			1.07	16.13	Poor
3924	06/21/21 17:30:00	6.55	25.24					7.61000389	92.23480672			1.06	16.18	Poor
3925	06/21/21 18:00:00	6.44	25.18					7.485786411	90.62934059			1.05	16.24	Poor
3926	06/21/21 18:30:00	6.63	25.12					7.710330214	93.24496418			1.08	16.29	Poor
3927	06/21/21 19:00:00	6.91	25.26					8.039800706	97.47981167			1.13	16.35	Poor
3928	06/21/21 19:30:00	6.89	25.32					8.020365216	97.35126024			1.13	16.41	Poor
3929	06/21/21 20:00:00	6.68	25.36					7.779630548	94.49849066			1.10	16.46	Poor
3930	06/21/21 20:30:00	6.74	25.36					7.853258545	95.39284348			1.11	16.52	Poor
3931	06/21/21 21:00:00	6.61	25.36					7.705464924	93.59760731			1.10	16.57	Poor
3932	06/21/21 21:30:00	6.83	25.34					7.965726342	96.72351503			1.14	16.63	Poor
3933	06/21/21 22:00:00	6.65	25.36					7.759496034	94.25391848			1.11	16.68	Poor
3934	06/21/21 22:30:00	6.78	25.38					7.914958767	96.17755259			1.13	16.74	Poor
3935	06/21/21 23:00:00	6.73	25.40					7.860334374	95.54879335			1.13	16.80	Poor

3936	06/21/21 23:30:00	6.81	25.38				7.445	7.957560774	96.69522512		8.012	1.15	16.85	Poor
3937	06/22/21 00:00:00	6.87	25.40	5.18	6.87	5.80167		8.031494867	97.62938913	6.855		1.16	16.91	Poor
3938	06/22/21 00:30:00	6.82	25.40					7.976837081	96.96497905			1.16	16.96	Poor
3939	06/22/21 01:00:00	6.75	25.38					7.898720028	95.98022974			1.15	17.02	Poor
3940	06/22/21 01:30:00	6.57	25.34					7.691743957	93.39669482			1.12	17.07	Poor
3941	06/22/21 02:00:00	6.48	25.32					7.589983976	92.12728913			1.11	17.13	Poor
3942	06/22/21 02:30:00	6.31	25.30					7.394375789	89.72007977			1.08	17.19	Poor
3943	06/22/21 03:00:00	6.46	25.28					7.573748588	91.86279869			1.11	17.24	Poor
3944	06/22/21 03:30:00	6.44	25.30					7.553884563	91.65548856			1.11	17.30	Poor
3945	06/22/21 04:00:00	6.37	25.34					7.475322278	90.76880319			1.11	17.35	Poor
3946	06/22/21 04:30:00	6.18	25.30					7.255792894	88.03857632			1.08	17.41	Poor
3947	06/22/21 05:00:00	6.22	25.28					7.30621763	88.61788737			1.09	17.46	Poor
3948	06/22/21 05:30:00	6.24	25.26					7.333183096	88.91231678			1.09	17.52	Poor
3949	06/22/21 06:00:00	6.21	25.24					7.301383517	88.49426456			1.09	17.57	Poor
3950	06/22/21 06:30:00	6.09	25.24					7.163683305	86.82530977			1.07	17.63	Poor
3951	06/22/21 07:00:00	5.95	25.24					7.00231234	84.86946059			1.05	17.69	Poor
3952	06/22/21 07:30:00	5.87	25.24					6.911430488	83.76795392			1.04	17.74	Poor
3953	06/22/21 08:00:00	5.99	25.24					7.056054049	85.52082112			1.07	17.80	Poor
3954	06/22/21 08:30:00	5.77	25.24					6.800111376	82.41874348			1.03	17.85	Poor
3955	06/22/21 09:00:00	5.87	25.24					6.921231146	83.8867399			1.05	17.91	Poor
3956	06/22/21 09:30:00	5.78	25.22					6.818330259	82.60921909			1.04	17.96	Poor
3957	06/22/21 10:00:00	5.70	25.20					6.72713118	81.47434078			1.03	18.02	Poor
3958	06/22/21 10:30:00	5.73	25.18					6.765726104	81.91167391			1.04	18.08	Poor
3959	06/22/21 11:00:00	5.75	25.14					6.792541305	82.17588721			1.04	18.13	Poor
3960	06/22/21 11:30:00	5.33	25.12					6.299356817	76.18134172			0.97	18.19	Poor
3961	06/22/21 12:00:00	5.74	25.12					6.787117261	82.08007808			1.05	18.24	Poor
3962	06/22/21 12:30:00	5.70	25.10					6.742992551	81.51646494			1.04	18.30	Poor
3963	06/22/21 13:00:00	5.66	25.12					6.698823318	81.01229429			1.04	18.35	Poor
3964	06/22/21 13:30:00	5.39	25.12					6.382267889	77.18402769			0.99	18.41	Poor
3965	06/22/21 14:00:00	5.44	25.12					6.444500174	77.93663452			1.00	18.47	Poor
3966	06/22/21 14:30:00	5.35	25.10					6.34085909	76.65504801			0.99	18.52	Poor
3967	06/22/21 15:00:00	5.41	25.10					6.414982407	77.55112949			1.00	18.58	Poor
3968	06/22/21 15:30:00	5.33	25.10					6.323087654	76.44020798			0.99	18.63	Poor
3969	06/22/21 16:00:00	5.42	25.10					6.432872931	77.76740918			1.01	18.69	Poor
3970	06/22/21 16:30:00	5.25	25.08					6.234025686	75.33580779			0.98	18.74	Poor
3971	06/22/21 17:00:00	5.36	25.08					6.367626417	76.95032136			1.01	18.80	Poor
3972	06/22/21 17:30:00	5.34	25.08					6.346838537	76.69910781			1.01	18.85	Poor
3973	06/22/21 18:00:00	5.59	25.06					6.647086228	80.29792701			1.06	18.91	Poor
3974	06/22/21 18:30:00	5.77	25.04					6.864336015	82.89181881			1.09	18.97	Poor
3975	06/22/21 19:00:00	5.39	25.04					6.415265105	77.468963			1.03	19.02	Poor
3976	06/22/21 19:30:00	5.57	25.02					6.632603938	80.06399699			1.06	19.08	Poor
3977	06/22/21 20:00:00	5.40	25.02					6.433177892	77.65667001			1.03	19.13	Poor
3978	06/22/21 20:30:00	5.38	25.00					6.412345489	77.3766885			1.03	19.19	Poor
3979	06/22/21 21:00:00	5.35	25.00					6.379566401	76.98114879			1.03	19.24	Poor
3980	06/22/21 21:30:00	5.20	24.98					6.203594057	74.83014287			1.00	19.30	Poor
3981	06/22/21 22:00:00	5.38	24.98					6.421328033	77.45653402			1.04	19.36	Poor
3982	06/22/21 22:30:00	5.18	24.96					6.185499828	74.58438863			1.01	19.41	Poor
3983	06/22/21 23:00:00	5.80	24.96					6.929077156	83.55039979			1.13	19.47	Poor
3984	06/22/21 23:30:00	5.33	24.96				7.242	6.370549327	76.81570448		7.942	1.04	19.52	Poor
3985	06/23/21 00:00:00	5.23	24.94	5.06	7.57	6.51719		6.253937526	75.38180981	6.657		1.02	19.58	Poor
3986	06/23/21 00:30:00	5.36	24.92					6.412372179	77.26300292			1.05	19.63	Poor
3987	06/23/21 01:00:00	5.45	24.92					6.523075747	78.59687591			1.07	19.69	Poor
3988	06/23/21 01:30:00	5.40	24.90					6.466236328	77.88327954			1.07	19.75	Poor
3989	06/23/21 02:00:00	5.15	24.88					6.169739712	74.28467876			1.02	19.80	Poor
3990	06/23/21 02:30:00	5.28	24.86					6.328419242	76.16708824			1.05	19.86	Poor
3991	06/23/21 03:00:00	5.19	24.84					6.223436899	74.87590071			1.03	19.91	Poor
3992	06/23/21 03:30:00	5.06	24.84					6.070367285	73.0342776			1.01	19.97	Poor
3993	06/23/21 04:00:00													EXCEEDS MAX
3994	06/23/21 04:30:00													EXCEEDS MAX
3995	06/23/21 05:00:00													EXCEEDS MAX
3996	06/23/21 05:30:00													EXCEEDS MAX
3997	06/23/21 06:00:00													EXCEEDS MAX
3998	06/23/21 06:30:00													EXCEEDS MAX
3999	06/23/21 07:00:00													EXCEEDS MAX
4000	06/23/21 07:30:00													EXCEEDS MAX
4001	06/23/21 08:00:00													EXCEEDS MAX
4002	06/23/21 08:30:00													EXCEEDS MAX
4003	06/23/21 09:00:00													EXCEEDS MAX
4004	06/23/21 09:30:00													EXCEEDS MAX
4005	06/23/21 10:00:00													EXCEEDS MAX
4006	06/23/21 10:30:00													EXCEEDS MAX
4007	06/23/21 11:00:00	Monitor out of service at 1031 hour for lab calibration; On-site Lab calibration completed at 1114 hour; Monitor launched at 1116 hour to start recording at 1130 hour												
4008	06/23/21 11:30:00	Monitor deployed back in river at 1139 hour.												
4009	06/23/21 12:00:00	6.17	24.92					6.02	72.58145186			-0.15	-2.43	Excellent
4010	06/23/21 12:30:00	6.28	25.00					6.127956185	73.99207683			-0.15	-2.42	Excellent
4011	06/23/21 13:00:00	6.33	25.04					6.17738108	74.64382566			-0.15	-2.41	Excellent
4012	06/23/21 13:30:00	6.41	25.10					6.256095713	75.67848614			-0.15	-2.40	Excellent
4013	06/23/21 14:00:00	6.42	25.12					6.266500082	75.8322361			-0.15	-2.39	Excellent
4014	06/23/21 14:30:00	6.59	25.20					6.433096977	77.96281367			-0.16	-2.38	Excellent
4015	06/23/21 15:00:00	6.78	25.28					6.619253826	80.33676023			-0.16	-2.37	Excellent
4016	06/23/21 15:30:00	7.05	25.42					6.883560141	83.75928091			-0.17	-2.36	Excellent
4017	06/23/21 16:00:00	7.17	25.48					7.00144688	85.28735023			-0.17	-2.35	Excellent
4018	06/23/21 16:30:00	7.24	25.52					7.070528098	86.19189906			-0.17	-2.34	Excellent
4019	06/23/21 17:00:00	7.32	25.54					7.149390296	87.18513088			-0.17	-2.33	Excellent
4020	06/23/21 17:30:00	7.34	25.58					7.169660972	87.49627107			-0.17	-2.32	Excellent
4021	06/23/21 18:00:00	7.46	25.62					7.287625008	89.00087414			-0.17	-2.31	Excellent
4022	06/23/21 18:30:00	7.45	25.66					7.278603939	88.95564153			-0.17	-2.30	Excellent
4023	06/23/21 19:00:00	7.57	25.72					7.396603109	90.4967791			-0.17	-2.29	Excellent
4024	06/23/21 19:30:00	7.54	25.76					7.368047183	90.21316449			-0.17	-2.28	Excellent
4025	06/23/21 20:00:00	7.39	25.74					7.222209838	88.39532304			-0.17	-2.27	Excellent
4026	06/23/21 20:30:00	7.21	25.64					7.047020516	86.09390154			-0.16	-2.26	Excellent
4027	06/23/21 21:00:00	7.04	25.52					6.881570014	83.88844225			-0.16	-2.25	Excellent
4028	06/23/21 21:30:00	6.87	25.42					6.71608538	81.72144507			-0.15	-2.24	Excellent
4029	06/23/21 22:00:00	6.76	25.32					6.609228407	80.27396344			-0.15	-2.23	Excellent
4030	06/23/21 22:30:00	6.69	25.28					6.541461224	79.39260463			-0.15	-2.22	Excellent
4031	06/23/21 23:00:00	6.68	25.28					6.532353825	79.28206967			-0.15	-2.21	Excellent
4032	06/23/21 23:30:00	6.67	25.26				7.089	6.523244418	79.14245706		7.812	-0.15	-2.20	Excellent
4033	06/24/21 00:00:00	6.58	25.24	5.75	6.63	6.08188		6.435885159	78.05391989	5.963		-0.14	-2.19	Excellent
4034	06/24/21 00:30:00	6.38	25.16					6.240906003	75.57807763			-0.14	-2.18	Excellent
4035	06/24/21 01:00:00	6.15	25.06					6.016537729	72.72706104			-0.13	-2.17	Excellent
4036	06/24/21 01:30:00	6.13	25.02					5.997587111	72.44461659			-0.13	-2.16	Excellent
4037	06/24/21 02:00:00	6.13	25.02					5.998202469	72.45204948			-0.13	-2.15	Excellent
4038	06/24/21 02:30:00	6.12	25.02					5.989031827	72.34127766			-0.13	-2.14	Excellent
4039	06/24/21 03:00:00	6.12	25.02					5.989646181	72.34869842			-0.13	-2.13	Excellent
4040	06/24/21 03:30:00	6.12	25.00					5.990260535	72.32946913			-0.13	-2.12	Excellent
4041	06/24/21 04:00:00	6.08	25.00					5.951718844	71.86409705			-0.13	-2.11	Excellent
4042	06/24/21 04:30:00	6.06	25.00					5.932749153	71.63504729			-0.13	-2.10	Excellent
4043	06/24/21 05:00:00	6.04	25.00					5.913775446	71.40594905			-0.13	-2.09	Excellent
4044	06/24/21 05:30:00	5.98	24.98					5.855629632	70.67781788			-0.12	-2.08	Excellent
4045	06/24/21 06:00:00	5.98	24.98					5.856229932	70.68506354			-0.12	-2.07	Excellent
4046	06/24/21 06:30:00	5.97	24.96					5.847036202	70.54808618			-0.12	-2.06	Excellent
4047	06/24/21 07:00:00	6.05	24.98					5.925995773	71.52714163			-0.12	-2.05	Excellent
4048	06/24/21 07:30:00	6.08	25.00					5.955991215	71.91568384			-0.12	-2.04	Excellent
4049	06/24/21 08:00:00	6.13	25.00					6.005586764	72.51452586			-0.12	-2.03	Excellent
4050	06/24/21 08:30:00	6.11	25.02					5.98660603	72.31197655			-0.12	-2.02	Excellent
4051	06/24/21 09:00:00	6.08	25.04					5.957822231	71.99080615			-0.12	-2.01	Excellent

4052	06/24/21 09:30:00	6.04	25.08					5.919232355	71.57718811			-0.12	-2.00	Excellent
4053	06/24/21 10:00:00	5.98	25.12					5.861032334	70.92558556			-0.12	-1.99	Excellent
4054	06/24/21 10:30:00	5.95	25.14					5.832226451	70.60295966			-0.12	-1.98	Excellent
4055	06/24/21 11:00:00	5.94	25.14					5.823020674	70.49151765			-0.12	-1.97	Excellent
4056	06/24/21 11:30:00	5.87	25.12					5.754988476	69.64232653			-0.12	-1.96	Excellent
4057	06/24/21 12:00:00	5.93	25.14					5.814408171	70.3872576			-0.12	-1.95	Excellent
4058	06/24/21 12:30:00	5.95	25.18					5.834615605	70.68383015			-0.12	-1.94	Excellent
4059	06/24/21 13:00:00	5.93	25.20					5.815598733	70.47934176			-0.11	-1.93	Excellent
4060	06/24/21 13:30:00	5.92	25.20					5.80638593	70.36769163			-0.11	-1.92	Excellent
4061	06/24/21 14:00:00	5.84	25.18					5.728507501	69.39837663			-0.11	-1.91	Excellent
4062	06/24/21 14:30:00	5.80	25.18					5.689853379	68.93009875			-0.11	-1.90	Excellent
4063	06/24/21 15:00:00	5.85	25.18					5.73949109	69.53143802			-0.11	-1.89	Excellent
4064	06/24/21 15:30:00	5.82	25.18					5.710642041	69.18194434			-0.11	-1.88	Excellent
4065	06/24/21 16:00:00	5.80	25.14					5.691600072	68.90058432			-0.11	-1.87	Excellent
4066	06/24/21 16:30:00	5.75	25.12					5.643111766	68.28848292			-0.11	-1.86	Excellent
4067	06/24/21 17:00:00	5.75	25.10					5.643688978	68.27034907			-0.11	-1.85	Excellent
4068	06/24/21 17:30:00	5.85	25.14					5.742427341	69.51588203			-0.11	-1.84	Excellent
4069	06/24/21 18:00:00	5.84	25.14					5.733197472	69.40414836			-0.11	-1.83	Excellent
4070	06/24/21 18:30:00	5.93	25.16					5.822146824	70.5068566			-0.11	-1.82	Excellent
4071	06/24/21 19:00:00	6.13	25.22					6.019124638	72.9726769			-0.11	-1.81	Excellent
4072	06/24/21 19:30:00	6.16	25.24					6.049200387	73.36423673			-0.11	-1.80	Excellent
4073	06/24/21 20:00:00	6.36	25.26					6.246241443	75.78175269			-0.11	-1.79	Excellent
4074	06/24/21 20:30:00	6.43	25.32					6.315634857	76.7080528			-0.11	-1.78	Excellent
4075	06/24/21 21:00:00	6.63	25.36					6.512743171	79.16010931			-0.12	-1.77	Excellent
4076	06/24/21 21:30:00	6.62	25.40					6.503584576	79.10674848			-0.12	-1.76	Excellent
4077	06/24/21 22:00:00	6.55	25.36					6.435473074	78.22091838			-0.11	-1.75	Excellent
4078	06/24/21 22:30:00	6.47	25.36					6.357521365	77.27344269			-0.11	-1.74	Excellent
4079	06/24/21 23:00:00	6.32	25.34					6.210763492	75.46198121			-0.11	-1.73	Excellent
4080	06/24/21 23:30:00	6.23	25.32				6.787	6.122944472	74.36768566		7.433	-0.11	-1.72	Excellent
4081	06/25/21 00:00:00	6.19	25.30	5.82	6.32	5.99750		6.084253207	73.87064894	5.909		-0.11	-1.71	Excellent
4082	06/25/21 00:30:00	6.16	25.30					6.055384082	73.52014067			-0.10	-1.70	Excellent
4083	06/25/21 01:00:00	6.14	25.30					6.036340105	73.28892234			-0.10	-1.69	Excellent
4084	06/25/21 01:30:00	6.07	25.26					5.968131231	72.40761489			-0.10	-1.68	Excellent
4085	06/25/21 02:00:00	5.90	25.22					5.801576497	70.33523854			-0.10	-1.67	Excellent
4086	06/25/21 02:30:00	5.87	25.20					5.772666213	69.95904181			-0.10	-1.66	Excellent
4087	06/25/21 03:00:00	5.83	25.18					5.733914718	69.46388271			-0.10	-1.65	Excellent
4088	06/25/21 03:30:00	5.82	25.16					5.724663769	69.32632578			-0.10	-1.64	Excellent
4089	06/25/21 04:00:00	5.82	25.16					5.725248008	69.33340097			-0.09	-1.63	Excellent
4090	06/25/21 04:30:00	5.83	25.14					5.735670446	69.43408534			-0.09	-1.62	Excellent
4091	06/25/21 05:00:00	5.83	25.14					5.736255688	69.44117009			-0.09	-1.61	Excellent
4092	06/25/21 05:30:00	5.82	25.12					5.727000724	69.30364084			-0.09	-1.60	Excellent
4093	06/25/21 06:00:00	5.82	25.12					5.727584962	69.31071084			-0.09	-1.59	Excellent
4094	06/25/21 06:30:00	5.84	25.12					5.747853631	69.55598626			-0.09	-1.58	Excellent
4095	06/25/21 07:00:00	5.87	25.12					5.777969534	69.92042515			-0.09	-1.57	Excellent
4096	06/25/21 07:30:00	5.91	25.14					5.817935684	70.42996047			-0.09	-1.56	Excellent
4097	06/25/21 08:00:00	5.91	25.16					5.818528957	70.46304382			-0.09	-1.55	Excellent
4098	06/25/21 08:30:00	5.91	25.20					5.81912223	70.52204308			-0.09	-1.54	Excellent
4099	06/25/21 09:00:00	5.90	25.22					5.809868269	70.43576359			-0.09	-1.53	Excellent
4100	06/25/21 09:30:00	5.92	25.26					5.830157015	70.73365976			-0.09	-1.52	Excellent
4101	06/25/21 10:00:00	5.95	25.30					5.860299018	71.15155742			-0.09	-1.51	Excellent
4102	06/25/21 10:30:00	5.90	25.32					5.811645077	70.58672446			-0.09	-1.50	Excellent
4103	06/25/21 11:00:00	5.89	25.36					5.802386097	70.52596819			-0.09	-1.49	Excellent
4104	06/25/21 11:30:00	5.86	25.38					5.773420602	70.19962745			-0.09	-1.48	Excellent
4105	06/25/21 12:00:00	5.83	25.40					5.744449084	69.87295752			-0.09	-1.47	Excellent
4106	06/25/21 12:30:00	5.84	25.42					5.754888587	70.02558559			-0.09	-1.46	Excellent
4107	06/25/21 13:00:00	5.91	25.42					5.82446169	70.87215232			-0.09	-1.45	Excellent
4108	06/25/21 13:30:00	6.00	25.42					5.913761384	71.95875257			-0.09	-1.44	Excellent
4109	06/25/21 14:00:00	6.04	25.44					5.953792783	72.47239055			-0.09	-1.43	Excellent
4110	06/25/21 14:30:00	6.11	25.46					6.023407043	73.34661612			-0.09	-1.42	Excellent
4111	06/25/21 15:00:00	6.22	25.50					6.132472479	74.72937334			-0.09	-1.41	Excellent
4112	06/25/21 15:30:00	6.26	25.52					6.172538009	75.24512535			-0.09	-1.40	Excellent
4113	06/25/21 16:00:00	6.24	25.52					6.15344384	75.0123616			-0.09	-1.39	Excellent
4114	06/25/21 16:30:00	6.24	25.50					6.15407024	74.99256036			-0.09	-1.38	Excellent
4115	06/25/21 17:00:00	6.20	25.48					6.115243457	74.49216131			-0.08	-1.37	Excellent
4116	06/25/21 17:30:00	6.16	25.48					6.076408643	74.01909932			-0.08	-1.36	Excellent
4117	06/25/21 18:00:00	6.19	25.48					6.106622923	74.38715123			-0.08	-1.35	Excellent
4118	06/25/21 18:30:00	6.09	25.44					6.00858123	73.13930151			-0.08	-1.34	Excellent
4119	06/25/21 19:00:00	6.07	25.40					5.98945795	72.85313784			-0.08	-1.33	Excellent
4120	06/25/21 19:30:00	5.93	25.34					5.851910873	71.10185227			-0.08	-1.32	Excellent
4121	06/25/21 20:00:00	5.95	25.32					5.872244792	71.32275278			-0.08	-1.31	Excellent
4122	06/25/21 20:30:00	5.96	25.32					5.882712403	71.44988965			-0.08	-1.30	Excellent
4123	06/25/21 21:00:00	5.97	25.32					5.893182022	71.57705092			-0.08	-1.29	Excellent
4124	06/25/21 21:30:00	5.94	25.32					5.864164327	71.22460956			-0.08	-1.28	Excellent
4125	06/25/21 22:00:00	6.07	25.36					5.993113959	72.84419846			-0.08	-1.27	Excellent
4126	06/25/21 22:30:00	6.19	25.40					6.112215352	74.34630501			-0.08	-1.26	Excellent
4127	06/25/21 23:00:00	6.19	25.46					6.112836733	74.43559535			-0.08	-1.25	Excellent
4128	06/25/21 23:30:00	6.32	25.46				6.469	6.241850611	76.00658852		7.009	-0.08	-1.24	Excellent
4129	06/26/21 00:00:00	6.30	25.44	4.91	6.43	5.65354		6.222730342	75.74602612	5.598		-0.08	-1.23	Excellent
4130	06/26/21 00:30:00	6.16	25.42					6.085065815	74.0431879			-0.07	-1.22	Excellent
4131	06/26/21 01:00:00	6.05	25.38					5.977011253	72.67510756			-0.07	-1.21	Excellent
4132	06/26/21 01:30:00	5.78	25.34					5.710848825	69.38792103			-0.07	-1.20	Excellent
4133	06/26/21 02:00:00	5.74	25.32					5.671903588	68.8894608			-0.07	-1.19	Excellent
4134	06/26/21 02:30:00	5.61	25.28					5.544008999	67.28669626			-0.07	-1.18	Excellent
4135	06/26/21 03:00:00	5.43	25.26					5.366671446	65.11047835			-0.06	-1.17	Excellent
4136	06/26/21 03:30:00	5.26	25.24					5.199182131	63.05528074			-0.06	-1.16	Excellent
4137	06/26/21 04:00:00	5.31	25.22					5.249137057	63.63775557			-0.06	-1.15	Excellent
4138	06/26/21 04:30:00	5.26	25.22					5.200238178	63.04493148			-0.06	-1.14	Excellent
4139	06/26/21 05:00:00	5.31	25.22					5.250203142	63.65068022			-0.06	-1.13	Excellent
4140	06/26/21 05:30:00	5.32	25.22					5.260624576	63.77702417			-0.06	-1.12	Excellent
4141	06/26/21 06:00:00	5.32	25.22					5.261158623	63.78349867			-0.06	-1.11	Excellent
4142	06/26/21 06:30:00	5.37	25.22					5.311144668	64.38950298			-0.06	-1.10	Excellent
4143	06/26/21 07:00:00	5.36	25.22					5.30179233	64.27612019			-0.06	-1.09	Excellent
4144	06/26/21 07:30:00	5.34	25.24					5.282545577	64.0663062			-0.06	-1.08	Excellent
4145	06/26/21 08:00:00	5.16	25.22					5.105000228	61.89031705			-0.05	-1.07	Excellent
4146	06/26/21 08:30:00	4.96	25.20					4.90762991	59.47565186			-0.05	-1.06	Excellent
4147	06/26/21 09:00:00	4.91	25.16					4.858650722	58.83880983			-0.05	-1.05	Excellent
4148	06/26/21 09:30:00	4.93	25.16					4.878936457	59.08447236			-0.05	-1.04	Excellent
4149	06/26/21 10:00:00	4.99	25.18					4.938815913	59.83160653			-0.05	-1.03	Excellent
4150	06/26/21 10:30:00	5.09	25.18					5.038301138	61.03682676			-0.05	-1.02	Excellent
4151	06/26/21 11:00:00	5.11	25.20					5.058610964	61.30539388			-0.05	-1.01	Excellent
4152	06/26/21 11:30:00	5.13	25.20					5.078924806	61.55157768			-0.05	-1.00	Excellent
4153	06/26/21 12:00:00	5.28	25.16					5.227961411	63.31120404			-0.05	-0.99	Excellent
4154	06/26/21 12:30:00	5.32	25.20					5.268101225	63.84420998			-0.05	-0.98	Excellent
4155	06/26/21 13:00:00	5.30	25.24					5.248828372	63.65738653			-0.05	-0.97	Excellent
4156	06/26/21 13:30:00	5.34	25.16					5.288978225	64.05012456			-0.05	-0.96	Excellent
4157	06/26/21 14:00:00	5.41	25.08					5.358852481	64.80090138			-0.05	-0.95	Excellent
4158	06/26/21 14:30:00	5.49	25.12					5.438647253	65.81421482			-0.05	-0.94	Excellent
4159	06/26/21 15:00:00	5.57	25.12					5.518458086	66.7800225			-0.05	-0.93	Excellent
4160	06/26/21 15:30:00	5.66	25.08					5.608193449	67.81600947			-0.05	-0.92	Excellent
4161	06/26/21 16:00:00	5.88	25.08					5.826770029	70.45910506			-0.05	-0.91	Excellent
4162	06/26/21 16:30:00	5.83	25.08					5.777807907	69.86703995			-0.05	-0.90	Excellent
4163	06/26/21 17:00:00	5.92	25.10					5.867596474	70.97890423			-0.05	-0.89	Excellent
4164	06/26/21 17:30:00	6.04	25.10					5.987140564	72.42500035			-0.05	-0.88	Excellent
4165	06/26/21 18:00:00	6.04	25.08					5.987746887	72.40568702			-0.05	-0.87	Excellent
4166	06/26/21 18:30:00	6.10	25.06					6.047840163	73.10544045			-0.05	-0.86	Excellent
4167	06/26/21 19:00:00	6.04	25.06					5.988959534	72.3936997			-0.05	-0.85	Excellent

4168	06/26/21 19:30:00	6.14	25.06					6.088730855	73.59972138			-0.05	-0.84	Excellent
4169	06/26/21 20:00:00	6.38	25.04					6.327367303	76.45617061			-0.05	-0.82	Excellent
4170	06/26/21 20:30:00	6.33	25.02					6.27841522	75.83672817			-0.05	-0.81	Excellent
4171	06/26/21 21:00:00	6.29	24.98					6.239372609	75.30961975			-0.05	-0.80	Excellent
4172	06/26/21 21:30:00	6.30	24.96					6.249924544	75.4091817			-0.05	-0.79	Excellent
4173	06/26/21 22:00:00	6.38	24.94					6.329929119	76.34633202			-0.05	-0.78	Excellent
4174	06/26/21 22:30:00	6.30	24.94					6.251189391	75.39663901			-0.05	-0.77	Excellent
4175	06/26/21 23:00:00	6.43	24.96					6.380827661	76.98860827			-0.05	-0.76	Excellent
4176	06/26/21 23:30:00	6.40	24.98				6.179	6.351699543	76.66541289		6.595	-0.05	-0.75	Excellent
4177	06/27/21 00:00:00	6.40	24.98	5.90	7.16	6.51104		6.352342004	76.67316745	6.478		-0.05	-0.74	Excellent
4178	06/27/21 00:30:00	6.31	24.96					6.263645622	75.57473494			-0.05	-0.73	Excellent
4179	06/27/21 01:00:00	6.33	24.96					6.284134133	75.82194142			-0.05	-0.72	Excellent
4180	06/27/21 01:30:00	6.40	24.96					6.35426939	76.66816641			-0.05	-0.71	Excellent
4181	06/27/21 02:00:00	6.41	24.96					6.364841401	76.79572422			-0.05	-0.70	Excellent
4182	06/27/21 02:30:00	6.38	24.98					6.335693206	76.4722154			-0.04	-0.69	Excellent
4183	06/27/21 03:00:00	6.45	24.98					6.405854562	77.31906739			-0.04	-0.68	Excellent
4184	06/27/21 03:30:00	6.49	24.98					6.446232289	77.80642908			-0.04	-0.67	Excellent
4185	06/27/21 04:00:00	6.51	24.96					6.466750915	78.02532516			-0.04	-0.66	Excellent
4186	06/27/21 04:30:00	6.55	24.96					6.507142695	78.51267681			-0.04	-0.65	Excellent
4187	06/27/21 05:00:00	6.50	24.94					6.458122351	77.89249199			-0.04	-0.64	Excellent
4188	06/27/21 05:30:00	6.41	24.92					6.369345661	76.79341452			-0.04	-0.63	Excellent
4189	06/27/21 06:00:00	6.29	24.90					6.25073816	75.3356			-0.04	-0.62	Excellent
4190	06/27/21 06:30:00	6.39	24.90					6.350755423	76.54103531			-0.04	-0.61	Excellent
4191	06/27/21 07:00:00	6.34	24.90					6.30169894	75.94979321			-0.04	-0.60	Excellent
4192	06/27/21 07:30:00	6.25	24.88					6.21287005	74.85157679			-0.04	-0.59	Excellent
4193	06/27/21 08:00:00	6.07	24.88					6.034548727	72.70319254			-0.04	-0.58	Excellent
4194	06/27/21 08:30:00	5.99	24.88					5.955617264	71.75224001			-0.03	-0.57	Excellent
4195	06/27/21 09:00:00	5.96	24.88					5.926387757	71.400088			-0.03	-0.56	Excellent
4196	06/27/21 09:30:00	5.90	24.90					5.867318405	70.7145206			-0.03	-0.55	Excellent
4197	06/27/21 10:00:00	6.00	24.92					5.967366787	71.94686797			-0.03	-0.54	Excellent
4198	06/27/21 10:30:00	6.06	24.94					6.027648786	72.70047845			-0.03	-0.53	Excellent
4199	06/27/21 11:00:00	6.11	24.98					6.077995212	73.36178441			-0.03	-0.52	Excellent
4200	06/27/21 11:30:00	6.08	24.98					6.048762694	73.00894608			-0.03	-0.51	Excellent
4201	06/27/21 12:00:00	6.30	25.02					6.26826482	75.71412189			-0.03	-0.50	Excellent
4202	06/27/21 12:30:00	6.36	25.04					6.328601026	76.4710782			-0.03	-0.49	Excellent
4203	06/27/21 13:00:00	6.45	25.04					6.418804182	77.56103988			-0.03	-0.48	Excellent
4204	06/27/21 13:30:00	6.51	25.06					6.479167493	78.31926449			-0.03	-0.47	Excellent
4205	06/27/21 14:00:00	6.53	25.06					6.499728281	78.56780041			-0.03	-0.46	Excellent
4206	06/27/21 14:30:00	6.57	25.06					6.540202376	79.05704557			-0.03	-0.45	Excellent
4207	06/27/21 15:00:00	6.56	25.10					6.530906254	79.0028032			-0.03	-0.44	Excellent
4208	06/27/21 15:30:00	6.58	25.06					6.551478084	79.19334474			-0.03	-0.43	Excellent
4209	06/27/21 16:00:00	6.51	25.08					6.482435013	78.38760881			-0.03	-0.42	Excellent
4210	06/27/21 16:30:00	6.59	25.08					6.562757808	79.35889689			-0.03	-0.41	Excellent
4211	06/27/21 17:00:00	6.65	25.06					6.623177333	80.06003517			-0.03	-0.40	Excellent
4212	06/27/21 17:30:00	6.63	25.04					6.603923553	79.79791306			-0.03	-0.39	Excellent
4213	06/27/21 18:00:00	6.74	25.02					6.714167505	81.10016272			-0.03	-0.38	Excellent
4214	06/27/21 18:30:00	6.74	25.00					6.714844098	81.07846162			-0.03	-0.37	Excellent
4215	06/27/21 19:00:00	6.76	25.00					6.735448051	81.32724429			-0.02	-0.36	Excellent
4216	06/27/21 19:30:00	6.85	25.00					6.825808811	82.41830632			-0.02	-0.35	Excellent
4217	06/27/21 20:00:00	6.93	25.06					6.906221952	83.48143867			-0.02	-0.34	Excellent
4218	06/27/21 20:30:00	7.11	25.16					7.086318075	85.81611345			-0.02	-0.33	Excellent
4219	06/27/21 21:00:00	7.03	25.18					7.007290242	84.8902733			-0.02	-0.32	Excellent
4220	06/27/21 21:30:00	7.05	25.16					7.027933346	85.10906777			-0.02	-0.31	Excellent
4221	06/27/21 22:00:00	7.06	25.18					7.038610762	85.26970776			-0.02	-0.30	Excellent
4222	06/27/21 22:30:00	7.16	25.26					7.139026552	86.61335773			-0.02	-0.29	Excellent
4223	06/27/21 23:00:00	7.12	25.28					7.099858461	86.16977711			-0.02	-0.28	Excellent
4224	06/27/21 23:30:00	7.16	25.32				6.127	7.14046406	86.72621305		6.405	-0.02	-0.27	Excellent
4225	06/28/21 00:00:00	7.20	25.38	6.48	7.41	6.98688		7.18107769	87.31547783	6.985		-0.02	-0.26	Excellent
4226	06/28/21 00:30:00	7.04	25.34					7.022204894	85.32115165			-0.02	-0.25	Excellent
4227	06/28/21 01:00:00	6.76	25.14					6.743591254	81.63563355			-0.02	-0.24	Excellent
4228	06/28/21 01:30:00	6.68	25.00					6.66445601	80.47005008			-0.02	-0.23	Excellent
4229	06/28/21 02:00:00	6.60	24.98					6.585304704	79.48504188			-0.01	-0.22	Excellent
4230	06/28/21 02:30:00	6.69	25.00					6.675775887	80.60673207			-0.01	-0.21	Excellent
4231	06/28/21 03:00:00	6.71	25.02					6.696406945	80.88563362			-0.01	-0.20	Excellent
4232	06/28/21 03:30:00	6.71	25.04					6.697080526	80.92356691			-0.01	-0.19	Excellent
4233	06/28/21 04:00:00	6.72	25.04					6.707735856	81.05231963			-0.01	-0.18	Excellent
4234	06/28/21 04:30:00	6.77	25.06					6.758324209	81.69367158			-0.01	-0.17	Excellent
4235	06/28/21 05:00:00	6.81	25.10					6.798938843	82.24512902			-0.01	-0.16	Excellent
4236	06/28/21 05:30:00	6.85	25.12					6.839561508	82.766973			-0.01	-0.15	Excellent
4237	06/28/21 06:00:00	6.84	25.14					6.830263378	82.68485695			-0.01	-0.14	Excellent
4238	06/28/21 06:30:00	6.83	25.16					6.82096324	82.60263638			-0.01	-0.13	Excellent
4239	06/28/21 07:00:00	6.92	25.22					6.911538823	83.79183349			-0.01	-0.12	Excellent
4240	06/28/21 07:30:00	6.97	25.28					6.962177368	84.49876506			-0.01	-0.11	Excellent
4241	06/28/21 08:00:00	6.93	25.30					6.922917927	84.05311587			-0.01	-0.10	Excellent
4242	06/28/21 08:30:00	6.92	25.30					6.913622808	83.94026119			-0.01	-0.09	Excellent
4243	06/28/21 09:00:00	6.91	25.32					6.904325682	83.85813793			-0.01	-0.08	Excellent
4244	06/28/21 09:30:00	6.82	25.30					6.815084211	82.74387605			0.00	-0.07	Excellent
4245	06/28/21 10:00:00	6.74	25.22					6.735818467	81.66149302			0.00	-0.06	Excellent
4246	06/28/21 10:30:00	6.63	25.22					6.626552261	80.33680746			0.00	-0.05	Excellent
4247	06/28/21 11:00:00	6.70	25.24					6.697188437	81.22298593			0.00	-0.04	Excellent
4248	06/28/21 11:30:00	6.85	25.36					6.847813126	83.23276712			0.00	-0.03	Excellent
4249	06/28/21 12:00:00	7.02	25.46					7.018463554	85.46335129			0.00	-0.02	Excellent
4250	06/28/21 12:30:00	7.14	25.56					7.139154036	87.09213672			0.00	-0.01	Excellent
4251	06/28/21 13:00:00	7.19	25.60					7.189869878	87.77496044			0.00	0.00	Excellent
4252	06/28/21 13:30:00	7.08	25.58					7.080582592	86.40918673			0.00	0.01	Excellent
4253	06/28/21 14:00:00	7.02	25.66					7.021282355	85.8107793			0.00	0.02	Excellent
4254	06/28/21 14:30:00	7.17	25.64					7.172029514	87.62114448			0.00	0.03	Excellent
4255	06/28/21 15:00:00	7.19	25.62					7.19275694	87.84228806			0.00	0.04	Excellent
4256	06/28/21 15:30:00	7.25	25.68					7.253507736	88.68128895			0.00	0.05	Excellent
4257	06/28/21 16:00:00	7.27	25.78					7.274247209	89.09716087			0.00	0.06	Excellent
4258	06/28/21 16:30:00	7.37	25.82					7.375045464	90.39761236			0.01	0.07	Excellent
4259	06/28/21 17:00:00	7.41	25.84					7.415816698	90.9304631			0.01	0.08	Excellent
4260	06/28/21 17:30:00	7.28	25.80					7.286445451	89.27909379			0.01	0.09	Excellent
4261	06/28/21 18:00:00	7.19	25.78					7.197087534	88.15208604			0.01	0.10	Excellent
4262	06/28/21 18:30:00	7.07	25.74					7.077678964	86.62635571			0.01	0.11	Excellent
4263	06/28/21 19:00:00	7.16	25.76					7.16849547	87.76988596			0.01	0.12	Excellent
4264	06/28/21 19:30:00	7.21	25.78					7.219278569	88.42388849			0.01	0.13	Excellent
4265	06/28/21 20:00:00	7.27	25.86					7.28008558	89.29867517			0.01	0.14	Excellent
4266	06/28/21 20:30:00	7.19	25.84					7.200696362	88.29272372			0.01	0.15	Excellent
4267	06/28/21 21:00:00	7.18	25.86					7.191402248	88.21087147			0.01	0.16	Excellent
4268	06/28/21 21:30:00	7.40	25.98					7.412494466	91.12146311			0.01	0.17	Excellent
4269	06/28/21 22:00:00	7.41	26.10					7.423255201	91.45277707			0.01	0.18	Excellent
4270	06/28/21 22:30:00	7.12	25.96					7.13345118	87.65932918			0.01	0.19	Excellent
4271	06/28/21 23:00:00	6.70	25.70					6.713330289	82.1070406			0.01	0.20	Excellent
4272	06/28/21 23:30:00	6.48	25.50				6.207	6.49354307	79.12932444		6.334	0.01	0.21	Excellent
4273	06/29/21 00:00:00	6.43	25.44	6.28	7.74	6.86958		6.444084045	78.44044841	6.829		0.01	0.22	Excellent
4274	06/29/21 00:30:00	6.38	25.44					6.394614981	77.83828749			0.01	0.23	Excellent
4275	06/29/21 01:00:00	6.37	25.44					6.385231523	77.72406759			0.02	0.24	Excellent
4276	06/29/21 01:30:00	6.37	25.44					6.385870974	77.73185128			0.02	0.25	Excellent
4277	06/29/21 02:00:00	6.41	25.48					6.4266141	78.28508834			0.02	0.26	Excellent
4278	06/29/21 02:30:00	6.42	25.48					6.437284488	78.41506849			0.02	0.27	Excellent
4279	06/29/21 03:00:00	6.38	25.48					6.397817251	77.93430271			0.02	0.28	Excellent
4280	06/29/21 03:30:00	6.38	25.50					6.398457705	77.9706287			0.02	0.29	Excellent
4281	06/29/21 04:00:00	6.39	25.50					6.409128094	78.10065642			0.02	0.30	Excellent
4282	06/29/21 04:30:00	6.40	25.52					6.41980049	78.25933059			0.02	0.31	Excellent
4283	06/29/21 05:00:00	6.36	25.52					6.380315183	77.77799263			0.02	0.32	Excellent

4284	06/29/21 05:30:00	6.33	25.52					6.350854792	77.41886145			0.33	Excellent
4285	06/29/21 06:00:00	6.29	25.52					6.311354427	76.93733993			0.34	Excellent
4286	06/29/21 06:30:00	6.41	25.56					6.43240529	78.47035071			0.35	Excellent
4287	06/29/21 07:00:00	6.57	25.68					6.593624076	80.61356012			0.36	Excellent
4288	06/29/21 07:30:00	6.71	25.84					6.734801062	82.58005886			0.37	Excellent
4289	06/29/21 08:00:00	6.83	25.90					6.855930225	84.15714979			0.38	Excellent
4290	06/29/21 08:30:00	6.81	25.88					6.836537914	83.88857726			0.39	Excellent
4291	06/29/21 09:00:00	6.87	25.90					6.897461371	84.66694828			0.40	Excellent
4292	06/29/21 09:30:00	6.83	25.92					6.857987107	84.21302685			0.41	Excellent
4293	06/29/21 10:00:00	6.84	26.00					6.868714715	84.46749025			0.42	Excellent
4294	06/29/21 10:30:00	6.79	26.04					6.819186423	83.91936001			0.43	Excellent
4295	06/29/21 11:00:00	6.82	26.12					6.85	84.42102621			0.44	Excellent
4296	06/29/21 11:30:00	6.99	26.30					6.88	85.55906302			-1.57	Excellent
4297	06/29/21 12:00:00	7.02	26.26					6.910791057	85.87975			-1.56	Excellent
4298	06/29/21 12:30:00	7.04	26.26					6.931746679	86.14016355			-1.54	Excellent
4299	06/29/21 13:00:00	7.10	26.26					6.99210162	86.89018872			-1.52	Excellent
4300	06/29/21 13:30:00	7.17	26.30					7.062327984	87.82647747			-1.50	Excellent
4301	06/29/21 14:00:00	7.07	26.28					6.965101842	86.58602205			-1.48	Excellent
4302	06/29/21 14:30:00	7.04	26.26					6.936813713	86.20313111			-1.47	Excellent
4303	06/29/21 15:00:00	7.21	26.34					7.105619347	88.42883866			-1.45	Excellent
4304	06/29/21 15:30:00	7.41	26.52					7.304057241	91.19454249			-1.43	Excellent
4305	06/29/21 16:00:00	7.57	26.66					7.463131804	93.41619731			-1.41	Excellent
4306	06/29/21 16:30:00	7.53	26.60					7.425051425	92.83909743			-1.39	Excellent
4307	06/29/21 17:00:00	7.66	26.68					7.554617883	94.59540352			-1.38	Excellent
4308	06/29/21 17:30:00	7.74	26.72					7.634910002	95.6696633			-1.36	Excellent
4309	06/29/21 18:00:00	7.68	26.70					7.577106571	94.91117373			-1.34	Excellent
4310	06/29/21 18:30:00	7.52	26.64					7.420603313	92.85040189			-1.32	Excellent
4311	06/29/21 19:00:00	7.44	26.62					7.342999458	91.84627029			-1.30	Excellent
4312	06/29/21 19:30:00	7.33	26.58					7.235752546	90.43957702			-1.29	Excellent
4313	06/29/21 20:00:00	7.28	26.60					7.187705378	89.87144219			-1.27	Excellent
4314	06/29/21 20:30:00	7.24	26.58					7.149515237	89.36169802			-1.25	Excellent
4315	06/29/21 21:00:00	7.27	26.62					7.180448445	89.81308149			-1.23	Excellent
4316	06/29/21 21:30:00	7.26	26.70					7.171877969	89.83526225			-1.21	Excellent
4317	06/29/21 22:00:00	6.79	26.36					6.708804613	83.52072653			-1.20	Excellent
4318	06/29/21 22:30:00	6.28	26.00					6.206033242	76.75880265			-1.18	Excellent
4319	06/29/21 23:00:00	6.38	26.04					6.306003427	78.0519916			-1.16	Excellent
4320	06/29/21 23:30:00	6.33	26.06				6.367	6.257722341	77.48254146		6.330	-1.14	Excellent
4321	06/30/21 00:00:00	6.28	26.06	6.17	8.12	6.97833		6.209423261	76.8845067	6.931		-1.12	Excellent
4322	06/30/21 00:30:00	6.31	26.06					6.240221515	77.26584785			-1.11	Excellent
4323	06/30/21 01:00:00	6.27	26.06					6.201792058	76.79001785			-1.09	Excellent
4324	06/30/21 01:30:00	6.20	26.06					6.133669161	75.94652642			-1.07	Excellent
4325	06/30/21 02:00:00	6.22	26.06					6.154574401	76.20537317			-1.05	Excellent
4326	06/30/21 02:30:00	6.19	26.08					6.12600377	75.87916897			-1.03	Excellent
4327	06/30/21 03:00:00	6.21	26.10					6.146914408	76.16582786			-1.02	Excellent
4328	06/30/21 03:30:00	6.26	26.14					6.19753288	76.84880184			-1.00	Excellent
4329	06/30/21 04:00:00	6.27	26.16					6.208561299	77.01348919			-0.98	Excellent
4330	06/30/21 04:30:00	6.29	26.20					6.229497128	77.32925363			-0.96	Excellent
4331	06/30/21 05:00:00	6.32	26.22					6.260345765	77.74036678			-0.94	Excellent
4332	06/30/21 05:30:00	6.29	26.24					6.231760739	77.41345117			-0.93	Excellent
4333	06/30/21 06:00:00	6.28	26.26					6.222983336	77.33242819			-0.91	Excellent
4334	06/30/21 06:30:00	6.27	26.28					6.214202334	77.25128397			-0.89	Excellent
4335	06/30/21 07:00:00	6.65	26.40					6.59201724	82.12617567			-0.87	Excellent
4336	06/30/21 07:30:00	7.01	26.62					6.950139684	86.93237847			-0.85	Excellent
4337	06/30/21 08:00:00	6.98	26.66					6.921651825	86.63847961			-0.84	Excellent
4338	06/30/21 08:30:00	6.88	26.66					6.823725727	85.41273633			-0.82	Excellent
4339	06/30/21 09:00:00	6.84	26.72					6.785283674	85.02337347			-0.80	Excellent
4340	06/30/21 09:30:00	6.63	26.60					6.578156546	82.24995108			-0.78	Excellent
4341	06/30/21 10:00:00	6.69	26.62					6.638891155	83.03928047			-0.76	Excellent
4342	06/30/21 10:30:00	6.76	26.72					6.70957276	84.07467366			-0.75	Excellent
4343	06/30/21 11:00:00	6.73	26.74					6.681007527	83.74687635			-0.73	Excellent
4344	06/30/21 11:30:00	6.78	26.76					6.731863517	84.41473272			-0.71	Excellent
4345	06/30/21 12:00:00	6.77	26.82					6.72315269	84.39652087			-0.69	Excellent
4346	06/30/21 12:30:00	6.86	26.92					6.813764274	85.68777698			-0.67	Excellent
4347	06/30/21 13:00:00	7.26	27.14					7.212374658	91.05899327			-0.66	Excellent
4348	06/30/21 13:30:00	7.60	27.42					7.551511794	95.81890491			-0.64	Excellent
4349	06/30/21 14:00:00	7.61	27.54					7.562817317	96.16779076			-0.62	Excellent
4350	06/30/21 14:30:00	7.80	27.72					7.75304281	98.90280056			-0.60	Excellent
4351	06/30/21 15:00:00	7.87	27.82					7.824037506	99.98580854			-0.58	Excellent
4352	06/30/21 15:30:00	7.82	27.88					7.775736627	99.474353			-0.57	Excellent
4353	06/30/21 16:00:00	7.91	27.92					7.866650506	100.7087796			-0.55	Excellent
4354	06/30/21 16:30:00	8.12	27.94					8.076960725	103.4378148			-0.53	Excellent
4355	06/30/21 17:00:00	7.97	27.94					7.929189886	101.5453836			-0.51	Excellent
4356	06/30/21 17:30:00	7.85	27.80					7.81121685	99.78654987			-0.49	Excellent
4357	06/30/21 18:00:00	7.64	27.66					7.603629082	96.89340814			-0.48	Excellent
4358	06/30/21 18:30:00	7.56	27.64					7.525370255	95.86205513			-0.46	Excellent
4359	06/30/21 19:00:00	7.52	27.58					7.48690661	95.27033651			-0.44	Excellent
4360	06/30/21 19:30:00	7.53	27.64					7.49821753	95.51616969			-0.42	Excellent
4361	06/30/21 20:00:00	7.78	27.84					7.748562248	99.05642556			-0.40	Excellent
4362	06/30/21 20:30:00	8.08	28.28					8.048803889	103.6985796			-0.39	Excellent
4363	06/30/21 21:00:00	7.82	28.28					7.791214834	100.379873			-0.37	Excellent
4364	06/30/21 21:30:00	7.67	28.22					7.643147098	98.36801233			-0.35	Excellent
4365	06/30/21 22:00:00	7.43	28.12					7.405324279	95.13901979			-0.33	Excellent
4366	06/30/21 22:30:00	6.52	27.40					6.499519665	82.44107192			-0.31	Excellent
4367	06/30/21 23:00:00	6.17	26.92					6.151729283	77.36223115			-0.30	Excellent
4368	06/30/21 23:30:00	6.19	26.88				6.440	6.17278387	77.57126725		6.385	-0.28	Excellent
4369	07/01/21 00:00:00	6.68	27.20	6.04	6.97	6.61896		6.662623024	84.20852634	6.630		-0.26	Excellent
4370	07/01/21 00:30:00	6.86	27.48					6.843389152	86.92667795			-0.24	Excellent
4371	07/01/21 01:00:00	6.81	27.48					6.794735595	86.30866662			-0.22	Excellent
4372	07/01/21 01:30:00	6.84	27.52					6.825899122	86.76632584			-0.21	Excellent
4373	07/01/21 02:00:00	6.75	27.52					6.737299237	85.64010256			-0.19	Excellent
4374	07/01/21 02:30:00	6.70	27.48					6.688598896	84.96048805			-0.17	Excellent
4375	07/01/21 03:00:00	6.58	27.48					6.569987083	83.45384701			-0.15	Excellent
4376	07/01/21 03:30:00	6.63	27.48					6.621103981	84.10314841			-0.13	Excellent
4377	07/01/21 04:00:00	6.57	27.48					6.562366676	83.35705043			-0.12	Excellent
4378	07/01/21 04:30:00	6.55	27.46					6.543568502	83.0886476			-0.10	Excellent
4379	07/01/21 05:00:00	6.53	27.48					6.524763131	82.8793995			-0.08	Excellent
4380	07/01/21 05:30:00	6.50	27.48					6.495956783	82.51349305			-0.06	Excellent
4381	07/01/21 06:00:00	6.51	27.50					6.507121954	82.68477713			-0.04	Excellent
4382	07/01/21 06:30:00	6.45	27.48					6.448309075	81.90825831			-0.03	Excellent
4383	07/01/21 07:00:00	6.44	27.50					6.439470493	81.82514271			-0.01	Excellent
4384	07/01/21 07:30:00	6.44	27.50					6.44062929	81.83986732			0.01	Excellent
4385	07/01/21 08:00:00	6.47	27.50					6.471796415	82.23590214			0.03	Excellent
4386	07/01/21 08:30:00	6.47	27.54					6.47296061	82.30931615			0.05	Excellent
4387	07/01/21 09:00:00	6.44	27.58					6.444105678	82.00077128			0.06	Excellent
4388	07/01/21 09:30:00	6.69	27.72					6.695468841	85.41170681			0.08	Excellent
4389	07/01/21 10:00:00	6.75	27.78					6.756732465	86.28511242			0.10	Excellent
4390	07/01/21 10:30:00	6.74	27.74					6.747935269	86.11158862			0.12	Excellent
4391	07/01/21 11:00:00	6.80	27.74					6.809229483	86.89377486			0.14	Excellent
4392	07/01/21 11:30:00	6.91	27.78					6.92062215	88.37802345			0.15	Excellent
4393	07/01/21 12:00:00	6.81	27.78					6.821693802	87.11468444			0.17	Excellent
4394	07/01/21 12:30:00	6.80	27.80					6.812900204	87.03327778			0.19	Excellent
4395	07/01/21 13:00:00	6.81	27.84					6.824144548	87.23881215			0.21	Excellent
4396	07/01/21 13:30:00	6.73	27.80					6.745189364	86.16828693			0.23	Excellent
4397	07/01/21 14:00:00	6.80	27.78					6.816570925	87.04926406			0.24	Excellent
4398	07/01/21 14:30:00	6.81	27.82					6.827820667	87.25484373			0.26	Excellent
4399	07/01/21 15:00:00	6.87	27.82					6.889213846	88.03940626			0.28	Excellent

4400	07/01/21 15:30:00	6.97	27.82					6.990747687	89.33693879			0.02	0.30	Excellent
4401	07/01/21 16:00:00	6.87	27.78					6.891686185	88.00850415			0.02	0.32	Excellent
4402	07/01/21 16:30:00	6.87	27.80					6.892922354	88.05554287			0.02	0.33	Excellent
4403	07/01/21 17:00:00	6.83	27.78					6.854017862	87.52747054			0.02	0.35	Excellent
4404	07/01/21 17:30:00	6.75	27.76					6.774951117	86.48705434			0.02	0.37	Excellent
4405	07/01/21 18:00:00	6.72	27.78					6.746049402	86.14868711			0.03	0.39	Excellent
4406	07/01/21 18:30:00	6.60	27.80					6.62677182	84.65552928			0.03	0.41	Excellent
4407	07/01/21 19:00:00	6.63	27.84					6.658086495	85.1159516			0.03	0.42	Excellent
4408	07/01/21 19:30:00	6.53	27.82					6.558837858	83.81742876			0.03	0.44	Excellent
4409	07/01/21 20:00:00	6.43	27.76					6.459553234	82.46077674			0.03	0.46	Excellent
4410	07/01/21 20:30:00	6.47	27.80					6.500901274	83.04756117			0.03	0.48	Excellent
4411	07/01/21 21:00:00	6.50	27.88					6.532214149	83.5660732			0.03	0.50	Excellent
4412	07/01/21 21:30:00	6.42	27.82					6.452972865	82.46454709			0.03	0.51	Excellent
4413	07/01/21 22:00:00	6.17	27.72					6.202799088	79.12689458			0.03	0.53	Excellent
4414	07/01/21 22:30:00	6.10	27.66					6.133524592	78.1597965			0.03	0.55	Excellent
4415	07/01/21 23:00:00	6.04	27.66					6.074281664	77.40486103			0.03	0.57	Excellent
4416	07/01/21 23:30:00	6.07	27.66				6.517	6.105544156	77.80324047		6.480	0.04	0.59	Excellent
4417	07/02/21 00:00:00	6.07	27.68	5.59	6.18	5.95896		6.106636376	77.84483018	6.020		0.04	0.60	Excellent
4418	07/02/21 00:30:00	6.05	27.68					6.087604283	77.60221707			0.04	0.62	Excellent
4419	07/02/21 01:00:00	6.05	27.70					6.088692904	77.6436872			0.04	0.64	Excellent
4420	07/02/21 01:30:00	5.94	27.70					5.979058224	76.24561361			0.04	0.66	Excellent
4421	07/02/21 02:00:00	5.95	27.70					5.990194606	76.38762598			0.04	0.68	Excellent
4422	07/02/21 02:30:00	5.98	27.70					6.021473293	76.78649526			0.04	0.69	Excellent
4423	07/02/21 03:00:00	5.88	27.72					5.921837791	75.54277157			0.04	0.71	Excellent
4424	07/02/21 03:30:00	6.01	27.72					6.053844199	77.22673021			0.04	0.73	Excellent
4425	07/02/21 04:00:00	6.00	27.72					6.044850871	77.11200553			0.04	0.75	Excellent
4426	07/02/21 04:30:00	5.95	27.72					5.995547741	76.48306309			0.05	0.77	Excellent
4427	07/02/21 05:00:00	5.90	27.72					5.946226617	75.85389111			0.05	0.78	Excellent
4428	07/02/21 05:30:00	5.87	27.70					5.917047798	75.45484977			0.05	0.80	Excellent
4429	07/02/21 06:00:00	5.84	27.70					5.887858183	75.08262056			0.05	0.82	Excellent
4430	07/02/21 06:30:00	5.87	27.70					5.919160262	75.48178815			0.05	0.84	Excellent
4431	07/02/21 07:00:00	5.83	27.70					5.879874303	74.98080924			0.05	0.86	Excellent
4432	07/02/21 07:30:00	5.87	27.70					5.921272726	75.50872652			0.05	0.87	Excellent
4433	07/02/21 08:00:00	5.82	27.70					5.871883226	74.87890614			0.05	0.89	Excellent
4434	07/02/21 08:30:00	5.80	27.68					5.852748569	74.60837528			0.05	0.91	Excellent
4435	07/02/21 09:00:00	5.84	27.68					5.894163186	75.13631139			0.05	0.93	Excellent
4436	07/02/21 09:30:00	5.78	27.66					5.834646753	74.35118193			0.05	0.95	Excellent
4437	07/02/21 10:00:00	5.84	27.64					5.896264854	75.10966867			0.06	0.96	Excellent
4438	07/02/21 10:30:00	5.86	27.64					5.917511974	75.38032547			0.06	0.98	Excellent
4439	07/02/21 11:00:00	5.96	27.66					6.019565834	76.7076146			0.06	1.00	Excellent
4440	07/02/21 11:30:00	5.95	27.66					6.010536518	76.5925536			0.06	1.02	Excellent
4441	07/02/21 12:00:00	6.00	27.70					6.062124852	77.30488845			0.06	1.04	Excellent
4442	07/02/21 12:30:00	6.06	27.76					6.12383652	78.17511488			0.06	1.05	Excellent
4443	07/02/21 13:00:00	6.08	27.82					6.145141221	78.53067078			0.07	1.07	Excellent
4444	07/02/21 13:30:00	6.11	27.88					6.176562058	79.01624553			0.07	1.09	Excellent
4445	07/02/21 14:00:00	6.06	27.90					6.127107781	78.41137487			0.07	1.11	Excellent
4446	07/02/21 14:30:00	6.05	27.98					6.118085662	78.40695328			0.07	1.13	Excellent
4447	07/02/21 15:00:00	6.07	27.96					6.139402958	78.65228684			0.07	1.14	Excellent
4448	07/02/21 15:30:00	6.06	27.96					6.130379041	78.53668085			0.07	1.16	Excellent
4449	07/02/21 16:00:00	6.05	28.00					6.121351524	78.47658851			0.07	1.18	Excellent
4450	07/02/21 16:30:00	6.07	28.06					6.142679617	78.83366811			0.07	1.20	Excellent
4451	07/02/21 17:00:00	6.05	28.06					6.123528766	78.58789071			0.07	1.22	Excellent
4452	07/02/21 17:30:00	6.12	28.04					6.195480728	79.48317891			0.08	1.23	Excellent
4453	07/02/21 18:00:00	6.18	28.10					6.257332748	80.36192052			0.08	1.25	Excellent
4454	07/02/21 18:30:00	6.17	28.14					6.248317827	80.30289443			0.08	1.27	Excellent
4455	07/02/21 19:00:00	6.14	28.16					6.219041842	79.95488852			0.08	1.29	Excellent
4456	07/02/21 19:30:00	6.11	28.20					6.189755061	79.63459989			0.08	1.31	Excellent
4457	07/02/21 20:00:00	6.04	28.20					6.119928158	78.73623842			0.08	1.32	Excellent
4458	07/02/21 20:30:00	5.99	28.22					6.070344326	78.12589472			0.08	1.34	Excellent
4459	07/02/21 21:00:00	5.95	28.20					6.03087843	77.59056473			0.08	1.36	Excellent
4460	07/02/21 21:30:00	5.89	28.20					5.97112268	76.82177417			0.08	1.38	Excellent
4461	07/02/21 22:00:00	5.84	28.16					5.921484866	76.12935792			0.08	1.40	Excellent
4462	07/02/21 22:30:00	5.77	28.10					5.851546402	75.15047159			0.08	1.41	Excellent
4463	07/02/21 23:00:00	5.67	28.02					5.751153364	73.75669963			0.08	1.43	Excellent
4464	07/02/21 23:30:00	5.59	28.00				6.511	5.671014193	72.7032005		6.496	0.08	1.45	Excellent
4465	07/03/21 00:00:00	5.55	27.98	4.99	5.61	5.36958		5.631433137	72.17020801	5.471		0.08	1.47	Excellent
4466	07/03/21 00:30:00	5.50	27.96					5.58168916	71.50737944			0.08	1.49	Excellent
4467	07/03/21 01:00:00	5.52	27.94					5.602979465	71.75470723			0.08	1.50	Excellent
4468	07/03/21 01:30:00	5.54	27.92					5.624276968	72.00193644			0.08	1.52	Excellent
4469	07/03/21 02:00:00	5.50	27.92					5.584658125	71.49473642			0.08	1.54	Excellent
4470	07/03/21 02:30:00	5.47	27.92					5.555180611	71.11736558			0.09	1.56	Excellent
4471	07/03/21 03:00:00	5.51	27.90					5.596794958	71.62472136			0.09	1.58	Excellent
4472	07/03/21 03:30:00	5.42	27.86					5.506352515	70.41733499			0.09	1.59	Excellent
4473	07/03/21 04:00:00	5.38	27.82					5.46668329	69.86044588			0.09	1.61	Excellent
4474	07/03/21 04:30:00	5.37	27.82					5.457488432	69.74294193			0.09	1.63	Excellent
4475	07/03/21 05:00:00	5.39	27.78					5.478784135	69.96540228			0.09	1.65	Excellent
4476	07/03/21 05:30:00	5.37	27.78					5.459420958	69.71812982			0.09	1.67	Excellent
4477	07/03/21 06:00:00	5.37	27.76					5.460387222	69.70571421			0.09	1.68	Excellent
4478	07/03/21 06:30:00	5.43	27.72					5.522374194	70.44695701			0.09	1.70	Excellent
4479	07/03/21 07:00:00	5.47	27.70					5.564038924	70.95324146			0.09	1.72	Excellent
4480	07/03/21 07:30:00	5.49	27.68					5.585370615	71.19995367			0.10	1.74	Excellent
4481	07/03/21 08:00:00	5.43	27.66					5.525305373	70.40922997			0.10	1.76	Excellent
4482	07/03/21 08:30:00	5.41	27.66					5.505927801	70.16230065			0.10	1.77	Excellent
4483	07/03/21 09:00:00	5.41	27.66					5.506901262	70.1747055			0.10	1.79	Excellent
4484	07/03/21 09:30:00	5.44	27.68					5.538417466	70.60141468			0.10	1.81	Excellent
4485	07/03/21 10:00:00	5.47	27.74					5.569944466	71.07904084			0.10	1.83	Excellent
4486	07/03/21 10:30:00	5.58	27.76					5.682958369	72.5469927			0.10	1.85	Excellent
4487	07/03/21 11:00:00	5.58	27.78					5.683962419	72.58557873			0.10	1.86	Excellent
4488	07/03/21 11:30:00	5.55	27.82					5.654402133	72.25936336			0.10	1.88	Excellent
4489	07/03/21 12:00:00	5.61	27.86					5.716540253	73.10529591			0.11	1.90	Excellent
4490	07/03/21 12:30:00	5.46	27.86					5.564674041	71.1631729			0.10	1.92	Excellent
4491	07/03/21 13:00:00	5.47	27.84					5.575850009	71.28080716			0.11	1.94	Excellent
4492	07/03/21 13:30:00	5.52	27.86					5.627810813	71.97059001			0.11	1.95	Excellent
4493	07/03/21 14:00:00	5.43	27.88					5.537030088	70.83476614			0.11	1.97	Excellent
4494	07/03/21 14:30:00	5.37	27.78					5.476813698	69.94023932			0.11	1.99	Excellent
4495	07/03/21 15:00:00	5.38	27.76					5.487980669	70.05796412			0.11	2.01	Excellent
4496	07/03/21 15:30:00	5.34	27.72					5.448138704	69.49996135			0.11	2.03	Excellent
4497	07/03/21 16:00:00	5.37	27.70					5.479712488	69.87790139			0.11	2.04	Excellent
4498	07/03/21 16:30:00	5.34	27.72					5.450060434	69.52447618			0.11	2.06	Excellent
4499	07/03/21 17:00:00	5.33	27.70					5.440813394	69.38185584			0.11	2.08	Excellent
4500	07/03/21 17:30:00	5.31	27.70					5.421353051	69.13369538			0.11	2.10	Excellent
4501	07/03/21 18:00:00	5.33	27.76					5.442731526	69.48032673			0.11	2.12	Excellent
4502	07/03/21 18:30:00	5.28	27.76					5.392624076	68.84066961			0.11	2.13	Excellent
4503	07/03/21 19:00:00	5.28	27.76					5.393574145	68.85279791			0.11	2.15	Excellent
4504	07/03/21 19:30:00	5.23	27.74					5.343439704	68.18857373			0.11	2.17	Excellent
4505	07/03/21 20:00:00	5.22	27.74					5.334162075	68.07018027			0.11	2.19	Excellent
4506	07/03/21 20:30:00	5.11	27.72					5.22267584	66.62381205			0.11	2.21	Excellent
4507	07/03/21 21:00:00	5.10	27.70					5.21337302	66.48151096			0.11	2.22	Excellent
4508	07/03/21 21:30:00	5.05	27.68					5.163170203	65.81792052			0.11	2.24	Excellent
4509	07/03/21 22:00:00	5.04	27.66					5.153852988	65.6757945			0.11	2.26	Excellent
4510	07/03/21 22:30:00	5.03	27.66					5.144532174	65.55701892			0.11	2.28	Excellent
4511	07/03/21 23:00:00	5.00	27.64					5.114748766	65.15431288			0.11	2.29	Excellent
4512	07/03/21 23:30:00	4.99	27.64				6.470	5.105417155	65.035442		6.478	0.12	2.31	Excellent
4513	07/04/21 00:00:00	4.94	27.62	4.58	6.22	5.23500		5.055149561	64.37220499	5.380		0.12	2.33	Excellent
4514	07/04/21 00:30:00	4.87	27.60					4.984394182	63.44862727			0.11	2.35	Excellent
4515	07/04/21 01:00:00	4.87	27.58					4.985270476	63.43720052			0.12	2.37	Excellent

4516	07/04/21 01:30:00	4.77	27.56					4.883761827	62.12339083			0.11	2.38	Excellent
4517	07/04/21 02:00:00	4.77	27.54					4.884620128	62.1121874			0.11	2.40	Excellent
4518	07/04/21 02:30:00	4.76	27.52					4.875236336	61.97078757			0.12	2.42	Excellent
4519	07/04/21 03:00:00	4.72	27.52					4.835117267	61.46082044			0.12	2.44	Excellent
4520	07/04/21 03:30:00	4.71	27.50					4.825720879	61.31952931			0.12	2.46	Excellent
4521	07/04/21 04:00:00	4.75	27.48					4.867558349	61.8291124			0.12	2.47	Excellent
4522	07/04/21 04:30:00	4.70	27.48					4.817166598	61.18902202			0.12	2.49	Excellent
4523	07/04/21 05:00:00	4.70	27.46					4.818012303	61.17795302			0.12	2.51	Excellent
4524	07/04/21 05:30:00	4.63	27.46					4.747087783	60.27737064			0.12	2.53	Excellent
4525	07/04/21 06:00:00	4.58	27.44					4.696647449	59.61563156			0.12	2.55	Excellent
4526	07/04/21 06:30:00	4.63	27.44					4.748754003	60.27703208			0.12	2.56	Excellent
4527	07/04/21 07:00:00	4.63	27.44					4.749587112	60.28760694			0.12	2.58	Excellent
4528	07/04/21 07:30:00	4.60	27.42					4.719639961	59.88611883			0.12	2.60	Excellent
4529	07/04/21 08:00:00	4.67	27.44					4.792300877	60.82978262			0.12	2.62	Excellent
4530	07/04/21 08:30:00	4.73	27.46					4.854723298	61.64410033			0.12	2.64	Excellent
4531	07/04/21 09:00:00	4.84	27.50					4.968494736	63.1337299			0.13	2.65	Excellent
4532	07/04/21 09:30:00	4.84	27.52					4.969365632	63.16729708			0.13	2.67	Excellent
4533	07/04/21 10:00:00	4.85	27.56					4.980505613	63.35401022			0.13	2.69	Excellent
4534	07/04/21 10:30:00	4.84	27.60					4.971107426	63.27949409			0.13	2.71	Excellent
4535	07/04/21 11:00:00	4.96	27.66					5.095250512	64.92902036			0.14	2.73	Excellent
4536	07/04/21 11:30:00	5.02	27.74					5.157789892	65.81946383			0.14	2.74	Excellent
4537	07/04/21 12:00:00	5.07	27.80					5.210074583	66.55753863			0.14	2.76	Excellent
4538	07/04/21 12:30:00	5.11	27.90					5.252099188	67.21349339			0.14	2.78	Excellent
4539	07/04/21 13:00:00	5.07	27.98					5.211899148	66.79362721			0.14	2.80	Excellent
4540	07/04/21 13:30:00	5.19	27.98					5.336191582	68.38650963			0.15	2.82	Excellent
4541	07/04/21 14:00:00	5.19	28.02					5.337125457	68.44692435			0.15	2.83	Excellent
4542	07/04/21 14:30:00	5.35	28.10					5.502623781	70.66931435			0.15	2.85	Excellent
4543	07/04/21 15:00:00	5.57	28.20					5.72990215	73.71833951			0.16	2.87	Excellent
4544	07/04/21 15:30:00	5.72	28.24					5.885237553	75.77029458			0.17	2.89	Excellent
4545	07/04/21 16:00:00	5.75	28.24					5.917138823	76.18101184			0.17	2.91	Excellent
4546	07/04/21 16:30:00	5.66	28.28					5.825541182	75.05467328			0.17	2.92	Excellent
4547	07/04/21 17:00:00	5.85	28.38					6.022150852	77.72462278			0.17	2.94	Excellent
4548	07/04/21 17:30:00	5.90	28.48					6.074683856	78.5407852			0.17	2.96	Excellent
4549	07/04/21 18:00:00	6.12	28.54					6.302298708	81.56969132			0.18	2.98	Excellent
4550	07/04/21 18:30:00	6.09	28.56					6.272500905	81.21256934			0.18	3.00	Excellent
4551	07/04/21 19:00:00	6.20	28.56					6.38691292	82.6939073			0.19	3.01	Excellent
4552	07/04/21 19:30:00	6.12	28.52					6.305602357	81.58375575			0.19	3.03	Excellent
4553	07/04/21 20:00:00	6.11	28.44					6.296398502	81.3500931			0.19	3.05	Excellent
4554	07/04/21 20:30:00	6.13	28.40					6.31811166	81.57315876			0.19	3.07	Excellent
4555	07/04/21 21:00:00	6.06	28.32					6.247053986	80.54211868			0.19	3.09	Excellent
4556	07/04/21 21:30:00	6.22	28.24					6.413111915	82.56648514			0.19	3.10	Excellent
4557	07/04/21 22:00:00	5.94	28.14					6.125487602	78.72428994			0.19	3.12	Excellent
4558	07/04/21 22:30:00	5.72	28.00					5.899646932	75.63430441			0.18	3.14	Excellent
4559	07/04/21 23:00:00	5.47	27.84					5.642779488	72.1364233			0.17	3.16	Excellent
4560	07/04/21 23:30:00	5.29	27.76				6.288	5.458045742	69.67582356		6.321	0.17	3.18	Excellent
4561	07/05/21 00:00:00	5.06	27.62	5.06	6.10	5.44917		5.221649888	66.49241787	5.647		0.16	3.19	Excellent
4562	07/05/21 00:30:00	5.23	27.64					5.398021885	68.76279226			0.17	3.21	Excellent
4563	07/05/21 01:00:00	5.29	27.70					5.460901347	69.63801964			0.17	3.23	Excellent
4564	07/05/21 01:30:00	5.38	27.72					5.554776994	70.86030796			0.17	3.25	Excellent
4565	07/05/21 02:00:00	5.36	27.74					5.535091729	70.63427893			0.18	3.27	Excellent
4566	07/05/21 02:30:00	5.38	27.76					5.556713119	70.93538258			0.18	3.28	Excellent
4567	07/05/21 03:00:00	5.38	27.74					5.557681182	70.92254691			0.18	3.30	Excellent
4568	07/05/21 03:30:00	5.42	27.74					5.599977492	71.46229756			0.18	3.32	Excellent
4569	07/05/21 04:00:00	5.43	27.72					5.611286613	71.58118101			0.18	3.34	Excellent
4570	07/05/21 04:30:00	5.40	27.70					5.581256691	71.17280434			0.18	3.36	Excellent
4571	07/05/21 05:00:00	5.46	27.70					5.644253112	71.97614168			0.18	3.37	Excellent
4572	07/05/21 05:30:00	5.42	27.68					5.603878533	71.43588481			0.18	3.39	Excellent
4573	07/05/21 06:00:00	5.39	27.68					5.573830617	71.05284663			0.18	3.41	Excellent
4574	07/05/21 06:30:00	5.42	27.68					5.605829053	71.46074922			0.19	3.43	Excellent
4575	07/05/21 07:00:00	5.40	27.66					5.586114998	71.18412993			0.19	3.45	Excellent
4576	07/05/21 07:30:00	5.21	27.62					5.390503981	68.64260357			0.18	3.46	Excellent
4577	07/05/21 08:00:00	5.14	27.58					5.319003661	67.68393078			0.18	3.48	Excellent
4578	07/05/21 08:30:00	5.17	27.60					5.350978706	68.1150489			0.18	3.50	Excellent
4579	07/05/21 09:00:00	5.17	27.66					5.351908981	68.19963148			0.18	3.52	Excellent
4580	07/05/21 09:30:00	5.17	27.68					5.352839257	68.23574179			0.18	3.54	Excellent
4581	07/05/21 10:00:00	5.25	27.70					5.436613162	69.32829401			0.19	3.55	Excellent
4582	07/05/21 10:30:00	5.10	27.70					5.282199038	67.35918797			0.18	3.57	Excellent
4583	07/05/21 11:00:00	5.13	27.70					5.314193875	67.76718969			0.18	3.59	Excellent
4584	07/05/21 11:30:00	5.33	27.76					5.522333989	70.49650861			0.19	3.61	Excellent
4585	07/05/21 12:00:00	5.40	27.82					5.595831613	71.51087246			0.20	3.63	Excellent
4586	07/05/21 12:30:00	5.45	27.82					5.648625527	72.18554231			0.20	3.64	Excellent
4587	07/05/21 13:00:00	5.51	27.84					5.711803684	73.01881799			0.20	3.66	Excellent
4588	07/05/21 13:30:00	5.69	27.90					5.899420025	75.49755149			0.21	3.68	Excellent
4589	07/05/21 14:00:00	5.64	27.88					5.848594625	74.8205854			0.21	3.70	Excellent
4590	07/05/21 14:30:00	5.57	27.82					5.777007936	73.82618104			0.21	3.72	Excellent
4591	07/05/21 15:00:00	5.48	27.78					5.68464916	72.59434858			0.20	3.73	Excellent
4592	07/05/21 15:30:00	5.38	27.76					5.581882749	71.25669075			0.20	3.75	Excellent
4593	07/05/21 16:00:00	5.42	27.76					5.624358996	71.79893016			0.20	3.77	Excellent
4594	07/05/21 16:30:00	5.33	27.74					5.531924647	70.59386324			0.20	3.79	Excellent
4595	07/05/21 17:00:00	5.48	27.74					5.688593386	72.59314056			0.21	3.81	Excellent
4596	07/05/21 17:30:00	5.50	27.72					5.710344331	72.84482497			0.21	3.82	Excellent
4597	07/05/21 18:00:00	5.51	27.72					5.72171823	72.98991774			0.21	3.84	Excellent
4598	07/05/21 18:30:00	5.44	27.70					5.650007383	72.04952079			0.21	3.86	Excellent
4599	07/05/21 19:00:00	5.45	27.68					5.661374085	72.1688139			0.21	3.88	Excellent
4600	07/05/21 19:30:00	5.46	27.68					5.672744385	72.3137577			0.21	3.90	Excellent
4601	07/05/21 20:00:00	5.61	27.72					5.829598459	74.36610732			0.22	3.91	Excellent
4602	07/05/21 20:30:00	5.64	27.76					5.861787628	74.82987498			0.22	3.93	Excellent
4603	07/05/21 21:00:00	5.80	27.80					6.029123112	77.02070057			0.23	3.95	Excellent
4604	07/05/21 21:30:00	6.10	27.86					6.342071925	81.10483339			0.24	3.97	Excellent
4605	07/05/21 22:00:00	5.99	27.86					6.228784518	79.65607084			0.24	3.99	Excellent
4606	07/05/21 22:30:00	5.93	27.82					6.167459715	78.81588576			0.24	4.00	Excellent
4607	07/05/21 23:00:00	5.82	27.80					6.054102132	77.33980197			0.23	4.02	Excellent
4608	07/05/21 23:30:00	5.87	27.78				6.069	6.107169551	77.99003646		6.130	0.24	4.04	Excellent
4609	07/06/21 00:00:00	5.97	27.78	5.04	6.90	5.99250		6.212284144	79.3323753	6.071		0.24	4.06	Excellent
4610	07/06/21 00:30:00	5.71	27.74					5.942759848	75.83660348			0.23	4.08	Excellent
4611	07/06/21 01:00:00	5.51	27.68					5.735598593	73.1149967			0.23	4.09	Excellent
4612	07/06/21 01:30:00	5.37	27.64					5.590832769	71.21891693			0.22	4.11	Excellent
4613	07/06/21 02:00:00	5.25	27.60					5.466842629	69.58993364			0.22	4.13	Excellent
4614	07/06/21 02:30:00	5.28	27.60					5.499031799	69.99968426			0.22	4.15	Excellent
4615	07/06/21 03:00:00	5.34	27.60					5.562481662	70.80736651			0.22	4.17	Excellent
4616	07/06/21 03:30:00	5.39	27.60					5.615534685	71.48270265			0.23	4.18	Excellent
4617	07/06/21 04:00:00	5.31	27.60					5.533142699	70.43389747			0.22	4.20	Excellent
4618	07/06/21 04:30:00	5.49	27.60					5.721694714	72.83406208			0.23	4.22	Excellent
4619	07/06/21 05:00:00	5.58	27.60					5.816497038	74.04084411			0.24	4.24	Excellent
4620	07/06/21 05:30:00	5.54	27.58					5.775798571	73.49661245			0.24	4.26	Excellent
4621	07/06/21 06:00:00	5.42	27.58					5.651666281	71.91703818			0.23	4.27	Excellent
4622	07/06/21 06:30:00	5.26	27.54					5.485773895	69.75637966			0.23	4.29	Excellent
4623	07/06/21 07:00:00	5.14	27.54					5.361548037	68.17673999			0.22	4.31	Excellent
4624	07/06/21 07:30:00	5.08	27.52					5.299875955	67.36852622			0.22	4.33	Excellent
4625	07/06/21 08:00:00	5.04	27.52					5.259051532	66.8495931			0.22	4.35	Excellent
4626	07/06/21 08:30:00	5.07	27.52					5.291267692	67.25910367			0.22	4.36	Excellent
4627	07/06/21 09:00:00	5.22	27.52					5.448753346	69.2609574			0.23	4.38	Excellent
4628	07/06/21 09:30:00	5.25	27.54					5.481012692	69.69583683			0.23	4.40	Excellent
4629	07/06/21 10:00:00	5.29	27.54					5.523724657	70.23895656			0.23	4.42	Excellent
4630	07/06/21 10:30:00	5.41	27.58					5.65	71.89583487			0.24	4.44	Excellent
4631	07/06/21 11:00:00	5.81	27.78					5.76	73.16666778			-0.05	-0.86	Excellent

4632	07/06/21 11:30:00	5.94	27.62					5.889509019	74.599504			-0.05	-0.85	Excellent
4633	07/06/21 12:00:00	6.06	27.64					6.009129462	76.14173927			-0.05	-0.84	Excellent
4634	07/06/21 12:30:00	6.22	27.70					6.168443718	78.24376649			-0.05	-0.83	Excellent
4635	07/06/21 13:00:00	6.35	27.78					6.298037287	80.00111144			-0.05	-0.82	Excellent
4636	07/06/21 13:30:00	6.47	27.82					6.417739109	81.57948085			-0.05	-0.81	Excellent
4637	07/06/21 14:00:00	6.48	27.86					6.428343186	81.77223335			-0.05	-0.80	Excellent
4638	07/06/21 14:30:00	6.66	27.94					6.607612149	84.17182114			-0.05	-0.79	Excellent
4639	07/06/21 15:00:00	6.66	28.02					6.608316024	84.30002932			-0.05	-0.78	Excellent
4640	07/06/21 15:30:00	6.64	27.96					6.589172992	83.96665162			-0.05	-0.77	Excellent
4641	07/06/21 16:00:00	6.72	27.92					6.669270835	84.92718917			-0.05	-0.75	Excellent
4642	07/06/21 16:30:00	6.65	27.86					6.600502082	83.9621938			-0.05	-0.74	Excellent
4643	07/06/21 17:00:00	6.60	27.78					6.55157178	83.22164512			-0.05	-0.73	Excellent
4644	07/06/21 17:30:00	6.79	27.80					6.740895248	85.65691606			-0.05	-0.72	Excellent
4645	07/06/21 18:00:00	6.78	27.82					6.731684125	85.570212			-0.05	-0.71	Excellent
4646	07/06/21 18:30:00	6.64	27.72					6.593383559	83.66363032			-0.05	-0.70	Excellent
4647	07/06/21 19:00:00	6.54	27.64					6.494776806	82.29538159			-0.05	-0.69	Excellent
4648	07/06/21 19:30:00	6.40	27.56					6.356421283	80.42778889			-0.04	-0.68	Excellent
4649	07/06/21 20:00:00	6.35	27.48					6.307432853	79.69437514			-0.04	-0.67	Excellent
4650	07/06/21 20:30:00	6.37	27.46					6.327972009	79.92541069			-0.04	-0.66	Excellent
4651	07/06/21 21:00:00	6.59	27.54					6.54721697	82.81245215			-0.04	-0.65	Excellent
4652	07/06/21 21:30:00	6.68	27.60					6.637338668	84.0420046			-0.04	-0.64	Excellent
4653	07/06/21 22:00:00	6.75	27.62					6.707605005	84.96192208			-0.04	-0.63	Excellent
4654	07/06/21 22:30:00	6.90	27.66					6.857392133	86.92096926			-0.04	-0.62	Excellent
4655	07/06/21 23:00:00	6.85	27.62					6.808424841	86.23895719			-0.04	-0.61	Excellent
4656	07/06/21 23:30:00	6.82	27.58				5.943	6.779327707	85.80934532		6.021	-0.04	-0.60	Excellent
4657	07/07/21 00:00:00	6.77	27.56	6.60	8.67	7.39354		6.730341391	85.15899946	7.369		-0.04	-0.59	Excellent
4658	07/07/21 00:30:00	6.72	27.54					6.681344507	84.50896386			-0.04	-0.58	Excellent
4659	07/07/21 01:00:00	6.66	27.48					6.62239352	83.67390122			-0.04	-0.56	Excellent
4660	07/07/21 01:30:00	6.61	27.42					6.573374441	82.96581111			-0.04	-0.55	Excellent
4661	07/07/21 02:00:00	6.64	27.38					6.603909975	83.29179809			-0.04	-0.54	Excellent
4662	07/07/21 02:30:00	6.62	27.34					6.584718327	82.99051014			-0.04	-0.53	Excellent
4663	07/07/21 03:00:00	6.64	27.32					6.605313497	83.22037626			-0.03	-0.52	Excellent
4664	07/07/21 03:30:00	6.61	27.30					6.576168803	82.82361082			-0.03	-0.51	Excellent
4665	07/07/21 04:00:00	6.63	27.26					6.596767144	83.02371719			-0.03	-0.50	Excellent
4666	07/07/21 04:30:00	6.65	27.22					6.617369712	83.22351736			-0.03	-0.49	Excellent
4667	07/07/21 05:00:00	6.67	27.16					6.637976507	83.39318143			-0.03	-0.48	Excellent
4668	07/07/21 05:30:00	6.65	27.12					6.618775348	83.0924776			-0.03	-0.47	Excellent
4669	07/07/21 06:00:00	6.66	27.10					6.629432268	83.196482			-0.03	-0.46	Excellent
4670	07/07/21 06:30:00	6.60	27.08					6.570405187	82.42620261			-0.03	-0.45	Excellent
4671	07/07/21 07:00:00	6.64	27.06					6.610927585	82.90486443			-0.03	-0.44	Excellent
4672	07/07/21 07:30:00	6.66	27.06					6.631543892	83.16340488			-0.03	-0.43	Excellent
4673	07/07/21 08:00:00	6.73	27.06					6.701956077	84.04641449			-0.03	-0.42	Excellent
4674	07/07/21 08:30:00	6.71	27.08					6.682748576	83.83555846			-0.03	-0.41	Excellent
4675	07/07/21 09:00:00	6.79	27.12					6.763141285	84.90485569			-0.03	-0.40	Excellent
4676	07/07/21 09:30:00	6.88	27.16					6.853512404	86.10096809			-0.03	-0.38	Excellent
4677	07/07/21 10:00:00	6.95	27.24					6.923977433	87.11070084			-0.03	-0.37	Excellent
4678	07/07/21 10:30:00	7.07	27.32					7.044275329	88.75085847			-0.03	-0.36	Excellent
4679	07/07/21 11:00:00	7.18	27.40					7.154633918	90.269987			-0.03	-0.35	Excellent
4680	07/07/21 11:30:00	7.32	27.52					7.294912943	92.23684502			-0.03	-0.34	Excellent
4681	07/07/21 12:00:00	7.36	27.64					7.335553711	92.94887413			-0.02	-0.33	Excellent
4682	07/07/21 12:30:00	7.53	27.76					7.505784877	95.30875648			-0.02	-0.32	Excellent
4683	07/07/21 13:00:00	7.64	27.82					7.616238585	96.8142798			-0.02	-0.31	Excellent
4684	07/07/21 13:30:00	7.76	27.88					7.736685499	98.44998437			-0.02	-0.30	Excellent
4685	07/07/21 14:00:00	7.83	27.90					7.807302717	99.38379837			-0.02	-0.29	Excellent
4686	07/07/21 14:30:00	8.01	27.92					7.987627492	101.7152801			-0.02	-0.28	Excellent
4687	07/07/21 15:00:00	8.32	28.10					8.297640955	105.9999525			-0.02	-0.27	Excellent
4688	07/07/21 15:30:00	8.52	28.24					8.49800393	108.8281232			-0.02	-0.26	Excellent
4689	07/07/21 16:00:00	8.32	28.14					8.299399585	106.0973473			-0.02	-0.25	Excellent
4690	07/07/21 16:30:00	8.42	28.18					8.400041868	107.459784			-0.02	-0.24	Excellent
4691	07/07/21 17:00:00	8.42	28.20					8.400931751	107.5091038			-0.02	-0.23	Excellent
4692	07/07/21 17:30:00	8.67	28.34					8.651281897	110.9864758			-0.02	-0.22	Excellent
4693	07/07/21 18:00:00	8.33	28.24					8.312896313	106.4575766			-0.02	-0.21	Excellent
4694	07/07/21 18:30:00	8.05	28.00					8.034322006	102.4548519			-0.02	-0.19	Excellent
4695	07/07/21 19:00:00	7.88	27.88					7.865485907	100.0889806			-0.01	-0.18	Excellent
4696	07/07/21 19:30:00	7.86	27.84					7.846353444	99.7747686			-0.01	-0.17	Excellent
4697	07/07/21 20:00:00	8.01	27.94					7.996939565	101.8699269			-0.01	-0.16	Excellent
4698	07/07/21 20:30:00	8.16	28.10					8.147557393	104.0826786			-0.01	-0.15	Excellent
4699	07/07/21 21:00:00	8.15	28.18					8.13843399	104.1130952			-0.01	-0.14	Excellent
4700	07/07/21 21:30:00	8.04	28.12					8.029439818	102.6100049			-0.01	-0.13	Excellent
4701	07/07/21 22:00:00	7.89	28.04					7.880470706	100.5640297			-0.01	-0.12	Excellent
4702	07/07/21 22:30:00	7.96	28.08					7.95122743	101.5387328			-0.01	-0.11	Excellent
4703	07/07/21 23:00:00	7.89	28.10					7.882138445	100.6920286			-0.01	-0.10	Excellent
4704	07/07/21 23:30:00	7.81	28.08				6.003	7.803043572	99.64639591		6.084	-0.01	-0.09	Excellent
4705	07/08/21 00:00:00	7.76	28.10	7.14	8.03	7.56042		7.753908238	99.05392496	7.573		-0.01	-0.08	Excellent
4706	07/08/21 00:30:00	7.71	28.10					7.704762335	98.42610033			-0.01	-0.07	Excellent
4707	07/08/21 01:00:00	7.59	28.06					7.585646018	96.8359524			0.00	-0.06	Excellent
4708	07/08/21 01:30:00	7.62	28.02					7.616434143	97.16024767			0.00	-0.05	Excellent
4709	07/08/21 02:00:00	7.56	28.04					7.557261214	96.43949826			0.00	-0.04	Excellent
4710	07/08/21 02:30:00	7.57	28.04					7.568057641	96.57727331			0.00	-0.03	Excellent
4711	07/08/21 03:00:00	7.46	28.02					7.45887429	95.15031046			0.00	-0.02	Excellent
4712	07/08/21 03:30:00	7.20	27.90					7.199674469	91.64893713			0.00	0.00	Excellent
4713	07/08/21 04:00:00	7.14	27.88					7.140431787	90.8626049			0.00	0.01	Excellent
4714	07/08/21 04:30:00	7.25	27.90					7.251204669	92.30489567			0.00	0.02	Excellent
4715	07/08/21 05:00:00	7.25	27.92					7.251970899	92.34735245			0.00	0.03	Excellent
4716	07/08/21 05:30:00	7.21	27.92					7.212722028	91.84755324			0.00	0.04	Excellent
4717	07/08/21 06:00:00	7.41	27.98					7.413580675	94.50562276			0.00	0.05	Excellent
4718	07/08/21 06:30:00	7.46	28.02					7.46439326	95.22071408			0.00	0.06	Excellent
4719	07/08/21 07:00:00	7.42	28.00					7.4251539	94.68665088			0.01	0.07	Excellent
4720	07/08/21 07:30:00	7.37	27.96					7.375898083	93.99198738			0.01	0.08	Excellent
4721	07/08/21 08:00:00	7.39	27.96					7.396695115	94.25700655			0.01	0.09	Excellent
4722	07/08/21 08:30:00	7.42	27.96					7.427506491	94.64963975			0.01	0.10	Excellent
4723	07/08/21 09:00:00	7.41	27.98					7.418279514	94.56552185			0.01	0.11	Excellent
4724	07/08/21 09:30:00	7.49	28.00					7.499160497	95.63039385			0.01	0.12	Excellent
4725	07/08/21 10:00:00	7.53	28.00					7.54000524	96.151252			0.01	0.13	Excellent
4726	07/08/21 10:30:00	7.45	27.98					7.460686311	95.10610823			0.01	0.14	Excellent
4727	07/08/21 11:00:00	7.42	27.98					7.431427475	94.73312726			0.01	0.15	Excellent
4728	07/08/21 11:30:00	7.47	28.00					7.482293961	95.41530931			0.01	0.16	Excellent
4729	07/08/21 12:00:00	7.53	28.06					7.54318853	96.29395357			0.01	0.18	Excellent
4730	07/08/21 12:30:00	7.65	28.12					7.664207211	97.94261581			0.01	0.19	Excellent
4731	07/08/21 13:00:00	7.70	28.20					7.715113857	98.73249788			0.02	0.20	Excellent
4732	07/08/21 13:30:00	7.86	28.30					7.876258611	100.9725973			0.02	0.21	Excellent
4733	07/08/21 14:00:00	8.02	28.36					8.037437184	103.1478429			0.02	0.22	Excellent
4734	07/08/21 14:30:00	8.03	28.36					8.048307592	103.2873475			0.02	0.23	Excellent
4735	07/08/21 15:00:00	7.99	28.34					8.009060834	102.7474827			0.02	0.24	Excellent
4736	07/08/21 15:30:00	8.02	28.36					8.039980011	103.1804761			0.02	0.25	Excellent
4737	07/08/21 16:00:00	8.01	28.38					8.03080165	103.0989826			0.02	0.26	Excellent
4738	07/08/21 16:30:00	7.84	28.32					7.861188752	100.814923			0.02	0.27	Excellent
4739	07/08/21 17:00:00	7.81	28.28					7.831933088	100.3689664			0.02	0.28	Excellent
4740	07/08/21 17:30:00	7.70	28.24					7.72243796	98.89598039			0.02	0.29	Excellent
4741	07/08/21 18:00:00	7.61	28.22					7.632979976	97.71587857			0.02	0.30	Excellent
4742	07/08/21 18:30:00	7.73	28.24					7.7541593	99.3022139			0.02	0.31	Excellent
4743	07/08/21 19:00:00	7.67	28.28					7.694782395	98.6113322			0.02	0.32	Excellent
4744	07/08/21 19:30:00	7.59	28.28					7.615326072	97.59307158			0.03	0.33	Excellent
4745	07/08/21 20:00:00	7.60	28.32					7.62616266	97.80085754			0.03	0.34	Excellent
4746	07/08/21 20:30:00	7.47	28.32					7.496504622	96.13807275			0.03	0.35	Excellent
4747	07/08/21 21:00:00	7.41	28.32					7.437074874	95.37592268			0.03	0.37	Excellent

4748	07/08/21 21:30:00	7.50	28.36					7.52819637	96.6125394			0.03	0.38	Excellent
4749	07/08/21 22:00:00	7.44	28.36					7.46875711	95.84973014			0.03	0.39	Excellent
4750	07/08/21 22:30:00	7.38	28.38					7.409305167	95.12024552			0.03	0.40	Excellent
4751	07/08/21 23:00:00	7.42	28.38					7.450248199	95.64586988			0.03	0.41	Excellent
4752	07/08/21 23:30:00	7.36	28.36				6.137	7.39078146	94.84903554		6.219	0.03	0.42	Excellent
4753	07/09/21 00:00:00	7.33	28.34	6.85	7.67	7.11458		7.361430678	94.43909674	7.163		0.03	0.43	Excellent
4754	07/09/21 00:30:00	7.20	28.32					7.23163419	92.74127194			0.03	0.44	Excellent
4755	07/09/21 01:00:00	7.17	28.30					7.202260156	92.33202596			0.03	0.45	Excellent
4756	07/09/21 01:30:00	7.11	28.28					7.14274163	91.53673639			0.03	0.46	Excellent
4757	07/09/21 02:00:00	7.11	28.26					7.143493064	91.51409613			0.03	0.47	Excellent
4758	07/09/21 02:30:00	7.07	28.26					7.104051843	91.00882123			0.03	0.48	Excellent
4759	07/09/21 03:00:00	7.03	28.24					7.064602166	90.47152738			0.03	0.49	Excellent
4760	07/09/21 03:30:00	7.03	28.22					7.065345145	90.44913133			0.04	0.50	Excellent
4761	07/09/21 04:00:00	7.03	28.20					7.066088124	90.42673169			0.04	0.51	Excellent
4762	07/09/21 04:30:00	7.00	28.18					7.036673929	90.01853474			0.04	0.52	Excellent
4763	07/09/21 05:00:00	6.93	28.16					6.9670396	89.0962613			0.04	0.53	Excellent
4764	07/09/21 05:30:00	6.87	28.16					6.90744498	88.33415025			0.04	0.55	Excellent
4765	07/09/21 06:00:00	6.90	28.12					6.938337735	88.66656764			0.04	0.56	Excellent
4766	07/09/21 06:30:00	6.85	28.12					6.88878388	88.03330787			0.04	0.57	Excellent
4767	07/09/21 07:00:00	6.88	28.12					6.919680863	88.42814731			0.04	0.58	Excellent
4768	07/09/21 07:30:00	6.86	28.14					6.900290523	88.21150403			0.04	0.59	Excellent
4769	07/09/21 08:00:00	6.86	28.16					6.901015536	88.25192889			0.04	0.60	Excellent
4770	07/09/21 08:30:00	6.87	28.18					6.911801394	88.42106941			0.04	0.61	Excellent
4771	07/09/21 09:00:00	6.86	28.20					6.90246556	88.33280738			0.04	0.62	Excellent
4772	07/09/21 09:30:00	6.93	28.22					6.973631292	89.27502898			0.04	0.63	Excellent
4773	07/09/21 10:00:00	6.95	28.28					6.994491736	89.63686206			0.04	0.64	Excellent
4774	07/09/21 10:30:00	6.97	28.36					7.015356408	90.03104648			0.05	0.65	Excellent
4775	07/09/21 11:00:00	7.02	28.40					7.066423699	90.75029324			0.05	0.66	Excellent
4776	07/09/21 11:30:00	7.08	28.42					7.127568746	91.56776673			0.05	0.67	Excellent
4777	07/09/21 12:00:00	7.09	28.44					7.138385253	91.73899874			0.05	0.68	Excellent
4778	07/09/21 12:30:00	7.09	28.48					7.139134574	91.81318999			0.05	0.69	Excellent
4779	07/09/21 13:00:00	7.20	28.54					7.250657833	93.34581958			0.05	0.70	Excellent
4780	07/09/21 13:30:00	7.17	28.60					7.221204534	93.06464325			0.05	0.71	Excellent
4781	07/09/21 14:00:00	7.27	28.64					7.322687027	94.43879218			0.05	0.72	Excellent
4782	07/09/21 14:30:00	7.38	28.74					7.434264187	96.04604252			0.05	0.74	Excellent
4783	07/09/21 15:00:00	7.44	28.78					7.49549167	96.90494901			0.06	0.75	Excellent
4784	07/09/21 15:30:00	7.38	28.86					7.435824126	96.26827271			0.06	0.76	Excellent
4785	07/09/21 16:00:00	7.24	28.82					7.295530304	94.38585027			0.06	0.77	Excellent
4786	07/09/21 16:30:00	7.37	28.88					7.427306308	96.19164915			0.06	0.78	Excellent
4787	07/09/21 17:00:00	7.58	28.98					7.639740295	99.11602846			0.06	0.79	Excellent
4788	07/09/21 17:30:00	7.67	29.02					7.731260231	100.373491			0.06	0.80	Excellent
4789	07/09/21 18:00:00	7.59	29.02					7.651423435	99.33698496			0.06	0.81	Excellent
4790	07/09/21 18:30:00	7.51	28.94					7.571569729	98.16295674			0.06	0.82	Excellent
4791	07/09/21 19:00:00	7.39	28.80					7.451366952	96.36823377			0.06	0.83	Excellent
4792	07/09/21 19:30:00	7.28	28.74					7.341222906	94.84400739			0.06	0.84	Excellent
4793	07/09/21 20:00:00	7.24	28.72					7.30165169	94.29971196			0.06	0.85	Excellent
4794	07/09/21 20:30:00	7.02	28.68					7.080520218	91.3797249			0.06	0.86	Excellent
4795	07/09/21 21:00:00	7.01	28.66					7.071174872	91.22710893			0.06	0.87	Excellent
4796	07/09/21 21:30:00	7.01	28.68					7.071915738	91.26867726			0.06	0.88	Excellent
4797	07/09/21 22:00:00	6.99	28.68					7.052477839	91.01781577			0.06	0.89	Excellent
4798	07/09/21 22:30:00	6.94	28.66					7.002764398	90.34452719			0.06	0.90	Excellent
4799	07/09/21 23:00:00	6.87	28.64					6.932857396	89.4112607			0.06	0.91	Excellent
4800	07/09/21 23:30:00	6.86	28.64				6.302	6.923490913	89.2904636		6.382	0.06	0.93	Excellent
4801	07/10/21 00:00:00	6.87	28.62	6.29	6.91	6.60375		6.934309534	89.39860747	6.682		0.06	0.94	Excellent
4802	07/10/21 00:30:00	6.83	28.62					6.894656939	88.88739769			0.06	0.95	Excellent
4803	07/10/21 01:00:00	6.77	28.60					6.834804443	88.08483878			0.06	0.96	Excellent
4804	07/10/21 01:30:00	6.61	28.54					6.673971466	85.92149164			0.06	0.97	Excellent
4805	07/10/21 02:00:00	6.53	28.50					6.593887363	84.83083122			0.06	0.98	Excellent
4806	07/10/21 02:30:00	6.47	28.48					6.533984137	84.03062315			0.06	0.99	Excellent
4807	07/10/21 03:00:00	6.43	28.46					6.49426813	83.49048721			0.06	1.00	Excellent
4808	07/10/21 03:30:00	6.42	28.44					6.484846689	83.34004415			0.06	1.01	Excellent
4809	07/10/21 04:00:00	6.45	28.44					6.515831392	83.73824423			0.07	1.02	Excellent
4810	07/10/21 04:30:00	6.41	28.42					6.476100588	83.19836526			0.07	1.03	Excellent
4811	07/10/21 05:00:00	6.41	28.38					6.476778041	83.14851441			0.07	1.04	Excellent
4812	07/10/21 05:30:00	6.43	28.36					6.497665964	83.38730528			0.07	1.05	Excellent
4813	07/10/21 06:00:00	6.46	28.38					6.528664405	83.81462865			0.07	1.06	Excellent
4814	07/10/21 06:30:00	6.42	28.40					6.488917749	83.33369377			0.07	1.07	Excellent
4815	07/10/21 07:00:00	6.35	28.38					6.418837421	82.40467597			0.07	1.08	Excellent
4816	07/10/21 07:30:00	6.33	28.36					6.399289608	82.12479975			0.07	1.09	Excellent
4817	07/10/21 08:00:00	6.29	28.32					6.35951653	81.55689799			0.07	1.11	Excellent
4818	07/10/21 08:30:00	6.32	28.32					6.390516029	81.95444755			0.07	1.12	Excellent
4819	07/10/21 09:00:00	6.37	28.30					6.441747134	82.58234926			0.07	1.13	Excellent
4820	07/10/21 09:30:00	6.42	28.32					6.492988808	83.26859808			0.07	1.14	Excellent
4821	07/10/21 10:00:00	6.42	28.32					6.493667318	83.27729955			0.07	1.15	Excellent
4822	07/10/21 10:30:00	6.44	28.36					6.514577435	83.60433737			0.07	1.16	Excellent
4823	07/10/21 11:00:00	6.47	28.40					6.54560864	84.06174451			0.08	1.17	Excellent
4824	07/10/21 11:30:00	6.48	28.40					6.556410351	84.2004651			0.08	1.18	Excellent
4825	07/10/21 12:00:00	6.47	28.46					6.546976228	84.16810396			0.08	1.19	Excellent
4826	07/10/21 12:30:00	6.54	28.52					6.618500239	85.17741161			0.08	1.20	Excellent
4827	07/10/21 13:00:00	6.64	28.54					6.72040231	86.51924777			0.08	1.21	Excellent
4828	07/10/21 13:30:00	6.64	28.58					6.721104071	86.58909352			0.08	1.22	Excellent
4829	07/10/21 14:00:00	6.76	28.62					6.843284251	88.22508996			0.08	1.23	Excellent
4830	07/10/21 14:30:00	6.70	28.66					6.783253144	87.51255408			0.08	1.24	Excellent
4831	07/10/21 15:00:00	6.82	28.64					6.905465029	89.05798846			0.09	1.25	Excellent
4832	07/10/21 15:30:00	6.77	28.70					6.855553953	88.50739097			0.09	1.26	Excellent
4833	07/10/21 16:00:00	6.85	28.72					6.937288886	89.59402221			0.09	1.27	Excellent
4834	07/10/21 16:30:00	6.88	28.76					6.968398299	90.05890105			0.09	1.28	Excellent
4835	07/10/21 17:00:00	6.90	28.82					6.98938451	90.42509212			0.09	1.30	Excellent
4836	07/10/21 17:30:00	6.85	28.82					6.939460752	89.779204			0.09	1.31	Excellent
4837	07/10/21 18:00:00	6.91	28.84					7.000974646	90.60675407			0.09	1.32	Excellent
4838	07/10/21 18:30:00	6.85	28.82					6.940908662	89.79793633			0.09	1.33	Excellent
4839	07/10/21 19:00:00	6.83	28.84					6.921365077	89.57644543			0.09	1.34	Excellent
4840	07/10/21 19:30:00	6.81	28.82					6.901817265	89.29219176			0.09	1.35	Excellent
4841	07/10/21 20:00:00	6.77	28.82					6.861993456	88.77697164			0.09	1.36	Excellent
4842	07/10/21 20:30:00	6.76	28.80					6.852572016	88.62404258			0.09	1.37	Excellent
4843	07/10/21 21:00:00	6.82	28.78					6.914114446	89.38865352			0.09	1.38	Excellent
4844	07/10/21 21:30:00	6.72	28.76					6.813444685	88.05629563			0.09	1.39	Excellent
4845	07/10/21 22:00:00	6.69	28.70					6.783734566	87.58017974			0.09	1.40	Excellent
4846	07/10/21 22:30:00	6.56	28.66					6.652606423	85.82704597			0.09	1.41	Excellent
4847	07/10/21 23:00:00	6.57	28.64					6.663441955	85.93667974			0.09	1.42	Excellent
4848	07/10/21 23:30:00	6.47	28.62				6.478	6.562703497	84.60778264		6.555	0.09	1.43	Excellent
4849	07/11/21 00:00:00	6.44	28.60	6.05	6.44	6.22958		6.532954274	84.19468747	6.335		0.09	1.44	Excellent
4850	07/11/21 00:30:00	6.43	28.58					6.523489502	84.0431924			0.09	1.45	Excellent
4851	07/11/21 01:00:00	6.39	28.56					6.483583258	83.49974113			0.09	1.46	Excellent
4852	07/11/21 01:30:00	6.38	28.54					6.474111088	83.34846569			0.09	1.48	Excellent
4853	07/11/21 02:00:00	6.35	28.54					6.444339671	82.96518498			0.09	1.49	Excellent
4854	07/11/21 02:30:00	6.35	28.52					6.445010783	82.94467273			0.10	1.50	Excellent
4855	07/11/21 03:00:00	6.23	28.52					6.323873733	81.38568806			0.09	1.51	Excellent
4856	07/11/21 03:30:00	6.22	28.48					6.314380426	81.20639886			0.09	1.52	Excellent
4857	07/11/21 04:00:00	6.10	28.44					6.193204272	79.59199997			0.09	1.53	Excellent
4858	07/11/21 04:30:00	6.10	28.42					6.193848962	79.57228294			0.09	1.54	Excellent
4859	07/11/21 05:00:00	6.06	28.38					6.153874021	79.00309066			0.09	1.55	Excellent
4860	07/11/21 05:30:00	6.05	28.40					6.14435852	78.90870421			0.09	1.56	Excellent
4861	07/11/21 06:00:00	6.15	28.42					6.246568139	80.2495654			0.10	1.57	Excellent
4862	07/11/21 06:30:00	6.20	28.42					6.298008505	80.91041899			0.10	1.58	Excellent
4863	07/11/21 07:00:00	6.21	28.32					6.308822899	80.90678327			0.10	1.59	Excellent

4864	07/11/21 07:30:00	6.12	28.34					6.218037486	79.77061382			0.10	1.60	Excellent
4865	07/11/21 08:00:00	6.16	28.36					6.259329286	80.32862953			0.10	1.61	Excellent
4866	07/11/21 08:30:00	6.11	28.36					6.209168788	79.68489857			0.10	1.62	Excellent
4867	07/11/21 09:00:00	6.13	28.38					6.230141261	79.98220521			0.10	1.63	Excellent
4868	07/11/21 09:30:00	6.11	28.36					6.210460282	79.70147286			0.10	1.64	Excellent
4869	07/11/21 10:00:00	6.13	28.34					6.231436982	79.94251468			0.10	1.65	Excellent
4870	07/11/21 10:30:00	6.12	28.34					6.22191831	79.82040053			0.10	1.67	Excellent
4871	07/11/21 11:00:00	6.21	28.36					6.314073424	81.03118429			0.10	1.68	Excellent
4872	07/11/21 11:30:00	6.21	28.40					6.31472974	81.0966905			0.10	1.69	Excellent
4873	07/11/21 12:00:00	6.20	28.40					6.305216352	80.97451515			0.11	1.70	Excellent
4874	07/11/21 12:30:00	6.15	28.38					6.255017807	80.30156892			0.11	1.71	Excellent
4875	07/11/21 13:00:00	6.25	28.36					6.357385957	81.58703241			0.11	1.72	Excellent
4876	07/11/21 13:30:00	6.17	28.36					6.276663505	80.55108692			0.11	1.73	Excellent
4877	07/11/21 14:00:00	6.23	28.32					6.338359181	81.28556797			0.11	1.74	Excellent
4878	07/11/21 14:30:00	6.32	28.34					6.430592503	82.49746199			0.11	1.75	Excellent
4879	07/11/21 15:00:00	6.32	28.34					6.431260445	82.50603094			0.11	1.76	Excellent
4880	07/11/21 15:30:00	6.33	28.38					6.442105488	82.70339011			0.11	1.77	Excellent
4881	07/11/21 16:00:00	6.33	28.40					6.442774486	82.74110057			0.11	1.78	Excellent
4882	07/11/21 16:30:00	6.31	28.42					6.423085053	82.51727549			0.11	1.79	Excellent
4883	07/11/21 17:00:00	6.15	28.38					6.260867577	80.37666795			0.11	1.80	Excellent
4884	07/11/21 17:30:00	6.21	28.38					6.322605528	81.1692563			0.11	1.81	Excellent
4885	07/11/21 18:00:00	6.22	28.36					6.33344423	81.27977806			0.11	1.82	Excellent
4886	07/11/21 18:30:00	6.30	28.38					6.415569147	82.36271805			0.12	1.83	Excellent
4887	07/11/21 19:00:00	6.23	28.36					6.344943475	81.42735276			0.11	1.84	Excellent
4888	07/11/21 19:30:00	6.30	28.34					6.416900802	82.32181245			0.12	1.86	Excellent
4889	07/11/21 20:00:00	6.18	28.32					6.295327265	80.73371005			0.12	1.87	Excellent
4890	07/11/21 20:30:00	6.16	28.30					6.275605069	80.45242989			0.12	1.88	Excellent
4891	07/11/21 21:00:00	6.20	28.28					6.31701101	80.95470921			0.12	1.89	Excellent
4892	07/11/21 21:30:00	6.24	28.28					6.358425406	81.4854492			0.12	1.90	Excellent
4893	07/11/21 22:00:00	6.25	28.28					6.369275734	81.62449995			0.12	1.91	Excellent
4894	07/11/21 22:30:00	6.31	28.26					6.431087665	82.38758959			0.12	1.92	Excellent
4895	07/11/21 23:00:00	6.38	28.26					6.503105234	83.31019463			0.12	1.93	Excellent
4896	07/11/21 23:30:00	6.32	28.24				6.621	6.442615446	82.50616892		6.692	0.12	1.94	Excellent
4897	07/12/21 00:00:00	6.31	28.22	5.78	6.60	6.17625		6.433088318	82.35510626	6.312		0.12	1.95	Excellent
4898	07/12/21 00:30:00	6.26	28.22					6.382774575	81.71099981			0.12	1.96	Excellent
4899	07/12/21 01:00:00	6.27	28.22					6.393633358	81.85001176			0.12	1.97	Excellent
4900	07/12/21 01:30:00	6.28	28.20					6.404494254	81.96012749			0.12	1.98	Excellent
4901	07/12/21 02:00:00	6.25	28.18					6.374560079	81.54826609			0.12	1.99	Excellent
4902	07/12/21 02:30:00	6.22	28.16					6.344619563	81.13659673			0.12	2.00	Excellent
4903	07/12/21 03:00:00	6.21	28.14					6.335075526	80.98594376			0.13	2.01	Excellent
4904	07/12/21 03:30:00	6.24	28.12					6.366339242	81.35687114			0.13	2.02	Excellent
4905	07/12/21 04:00:00	6.19	28.10					6.31598111	80.68482368			0.13	2.04	Excellent
4906	07/12/21 04:30:00	6.15	28.08					6.27581699	80.14341311			0.13	2.05	Excellent
4907	07/12/21 05:00:00	6.21	28.06					6.337700789	80.9050792			0.13	2.06	Excellent
4908	07/12/21 05:30:00	6.06	28.04					6.185256691	78.93111473			0.13	2.07	Excellent
4909	07/12/21 06:00:00	6.06	28.02					6.185897154	78.91137614			0.13	2.08	Excellent
4910	07/12/21 06:30:00	6.07	27.98					6.196746425	78.99386351			0.13	2.09	Excellent
4911	07/12/21 07:00:00	6.07	27.96					6.197387944	78.97408598			0.13	2.10	Excellent
4912	07/12/21 07:30:00	6.03	27.94					6.157185777	78.43401341			0.13	2.11	Excellent
4913	07/12/21 08:00:00	6.03	27.94					6.157823069	78.44213162			0.13	2.12	Excellent
4914	07/12/21 08:30:00	6.05	27.96					6.178886432	78.73831891			0.13	2.13	Excellent
4915	07/12/21 09:00:00	6.02	27.98					6.148883561	78.38372518			0.13	2.14	Excellent
4916	07/12/21 09:30:00	5.99	28.00					6.118874348	78.02878256			0.13	2.15	Excellent
4917	07/12/21 10:00:00	6.07	28.06					6.201237061	79.16302652			0.13	2.16	Excellent
4918	07/12/21 10:30:00	6.12	28.10					6.252964895	79.87980984			0.13	2.17	Excellent
4919	07/12/21 11:00:00	6.21	28.16					6.345576577	81.14883526			0.14	2.18	Excellent
4920	07/12/21 11:30:00	6.22	28.24					6.356452269	81.40273606			0.14	2.19	Excellent
4921	07/12/21 12:00:00	6.29	28.30					6.428652676	82.41448004			0.14	2.20	Excellent
4922	07/12/21 12:30:00	6.28	28.32					6.419095957	82.32096759			0.14	2.21	Excellent
4923	07/12/21 13:00:00	6.41	28.40					6.552652785	84.15220868			0.14	2.23	Excellent
4924	07/12/21 13:30:00	6.48	28.46					6.624895467	85.1698358			0.14	2.24	Excellent
4925	07/12/21 14:00:00	6.36	28.36					6.502884386	83.4542755			0.14	2.25	Excellent
4926	07/12/21 14:30:00	6.49	28.40					6.636490887	85.2288965			0.15	2.26	Excellent
4927	07/12/21 15:00:00	6.48	28.46					6.62695002	85.19624919			0.15	2.27	Excellent
4928	07/12/21 15:30:00	6.60	28.54					6.75036885	86.90504053			0.15	2.28	Excellent
4929	07/12/21 16:00:00	6.27	28.38					6.413513065	82.33632218			0.14	2.29	Excellent
4930	07/12/21 16:30:00	6.16	28.22					6.301646323	80.6724122			0.14	2.30	Excellent
4931	07/12/21 17:00:00	5.97	28.08					6.107908312	77.99918638			0.14	2.31	Excellent
4932	07/12/21 17:30:00	5.93	28.00					6.067611027	77.37506518			0.14	2.32	Excellent
4933	07/12/21 18:00:00	5.78	27.90					5.914741011	75.29225514			0.13	2.33	Excellent
4934	07/12/21 18:30:00	5.92	27.80					6.058630301	76.98733893			0.14	2.34	Excellent
4935	07/12/21 19:00:00	5.84	27.78					5.97737413	75.92787278			0.14	2.35	Excellent
4936	07/12/21 19:30:00	6.06	27.80					6.203189645	78.82426224			0.14	2.36	Excellent
4937	07/12/21 20:00:00	6.07	27.76					6.214067452	78.90647697			0.14	2.37	Excellent
4938	07/12/21 20:30:00	6.00	27.74					6.143040169	77.97688869			0.14	2.38	Excellent
4939	07/12/21 21:00:00	6.12	27.74					6.266547776	79.54463669			0.15	2.39	Excellent
4940	07/12/21 21:30:00	6.16	27.76					6.308156636	80.1012252			0.15	2.41	Excellent
4941	07/12/21 22:00:00	6.17	27.76					6.319049239	80.23953989			0.15	2.42	Excellent
4942	07/12/21 22:30:00	6.35	27.78					6.504068626	82.6182341			0.15	2.43	Excellent
4943	07/12/21 23:00:00	6.32	27.76					6.474008684	82.20722113			0.15	2.44	Excellent
4944	07/12/21 23:30:00	6.36	27.74				6.724	6.515655592	82.70669519		6.787	0.16	2.45	Excellent
4945	07/13/21 00:00:00	6.46	27.76	6.44	7.27	6.94000		6.618785744	84.04560602	6.912		0.16	2.46	Excellent
4946	07/13/21 00:30:00	6.44	27.76					6.598974771	83.7940455			0.16	2.47	Excellent
4947	07/13/21 01:00:00	6.44	27.74					6.599655395	83.77294953			0.16	2.48	Excellent
4948	07/13/21 01:30:00	6.48	27.72					6.641331894	84.2720481			0.16	2.49	Excellent
4949	07/13/21 02:00:00	6.55	27.68					6.713766926	85.13068718			0.16	2.50	Excellent
4950	07/13/21 02:30:00	6.56	27.68					6.724710258	85.26944883			0.16	2.51	Excellent
4951	07/13/21 03:00:00	6.59	27.68					6.756159983	85.66823192			0.17	2.52	Excellent
4952	07/13/21 03:30:00	6.62	27.68					6.787616049	86.06709541			0.17	2.53	Excellent
4953	07/13/21 04:00:00	6.65	27.68					6.819078456	86.46603931			0.17	2.54	Excellent
4954	07/13/21 04:30:00	6.78	27.68					6.953100307	88.16543881			0.17	2.55	Excellent
4955	07/13/21 05:00:00	6.68	27.68					6.851253193	86.87401556			0.17	2.56	Excellent
4956	07/13/21 05:30:00	6.65	27.68					6.82118691	86.49277454			0.17	2.57	Excellent
4957	07/13/21 06:00:00	6.71	27.68					6.883440613	87.28215262			0.17	2.58	Excellent
4958	07/13/21 06:30:00	6.54	27.66					6.709737632	85.04937257			0.17	2.60	Excellent
4959	07/13/21 07:00:00	6.67	27.68					6.843816553	86.77971882			0.17	2.61	Excellent
4960	07/13/21 07:30:00	6.71	27.68					6.88556809	87.30912908			0.18	2.62	Excellent
4961	07/13/21 08:00:00	6.69	27.68					6.865751833	87.05785857			0.18	2.63	Excellent
4962	07/13/21 08:30:00	6.72	27.70					6.897250174	87.48832877			0.18	2.64	Excellent
4963	07/13/21 09:00:00	6.76	27.70					6.939019678	88.018155			0.18	2.65	Excellent
4964	07/13/21 09:30:00	6.77	27.70					6.95	88.15743516			0.18	2.66	Excellent
4965	07/13/21 10:00:00	7.06	27.72					6.94	88.79504958			-0.12	-1.70	Excellent
4966	07/13/21 10:30:00	7.05	27.68					6.926765343	88.56272088			-0.12	-1.75	Excellent
4967	07/13/21 11:00:00	7.11	27.68					6.982282933	89.27254554			-0.13	-1.80	Excellent
4968	07/13/21 11:30:00	7.12	27.60					6.98866487	89.22706219			-0.13	-1.84	Excellent
4969	07/13/21 12:00:00	7.15	27.56					7.01465857	89.49517616			-0.14	-1.89	Excellent
4970	07/13/21 12:30:00	7.14	27.54					7.001399767	89.29420215			-0.14	-1.94	Excellent
4971	07/13/21 13:00:00	7.18	27.54					7.037155886	89.75022726			-0.14	-1.99	Excellent
4972	07/13/21 13:30:00	7.21	27.48					7.063077147	89.98455628			-0.15	-2.04	Excellent
4973	07/13/21 14:00:00	7.17	27.44					7.020429673	89.37744806			-0.15	-2.09	Excellent
4974	07/13/21 14:30:00	7.19	27.42					7.036540224	89.55059689			-0.15	-2.13	Excellent
4975	07/13/21 15:00:00	7.21	27.36					7.052631457	89.659315			-0.16	-2.18	Excellent
4976	07/13/21 15:30:00	7.18	27.36					7.019818841	89.24217188			-0.16	-2.23	Excellent
4977	07/13/21 16:00:00	7.20	27.34					7.035895586	89.41461345			-0.16	-2.28	Excellent
4978	07/13/21 16:30:00	7.26	27.36					7.091022006	90.14736976			-0.17	-2.33	Excellent
4979	07/13/21 17:00:00	7.27	27.40					7.097278382	90.29135348			-0.17	-2.38	Excellent

4980	07/13/21 17:30:00	7.27	27.42					7.093767509	90.27890049			-0.18	-2.42	Excellent
4981	07/13/21 18:00:00	7.23	27.38					7.051245596	89.67370974			-0.18	-2.47	Excellent
4982	07/13/21 18:30:00	7.18	27.34					6.999014386	88.94591432			-0.18	-2.52	Excellent
4983	07/13/21 19:00:00	7.14	27.32					6.956574571	88.37499714			-0.18	-2.57	Excellent
4984	07/13/21 19:30:00	7.12	27.32					6.933649934	88.08376693			-0.19	-2.62	Excellent
4985	07/13/21 20:00:00	7.16	27.36					6.969145273	88.59796449			-0.19	-2.67	Excellent
4986	07/13/21 20:30:00	7.17	27.36					6.975416137	88.67768527			-0.19	-2.71	Excellent
4987	07/13/21 21:00:00	7.17	27.36					6.971953557	88.63366588			-0.20	-2.76	Excellent
4988	07/13/21 21:30:00	7.16	27.38					6.958772022	88.49768369			-0.20	-2.81	Excellent
4989	07/13/21 22:00:00	7.14	27.40					6.935886019	88.23812489			-0.20	-2.86	Excellent
4990	07/13/21 22:30:00	7.14	27.40					6.932437927	88.19425837			-0.21	-2.91	Excellent
4991	07/13/21 23:00:00	7.15	27.40					6.938694303	88.27385178			-0.21	-2.96	Excellent
4992	07/13/21 23:30:00	7.12	27.38				6.860	6.906142466	87.8283711		6.907	-0.21	-3.00	Excellent
4993	07/14/21 00:00:00	7.07	27.38	6.97	7.65	7.27375		6.854229988	87.16817788	6.968		-0.22	-3.05	Excellent
4994	07/14/21 00:30:00	7.07	27.38					6.850815701	87.12475693			-0.22	-3.10	Excellent
4995	07/14/21 01:00:00	7.02	27.38					6.798975661	86.46548495			-0.22	-3.15	Excellent
4996	07/14/21 01:30:00	7.04	27.38					6.814946163	86.66858865			-0.23	-3.20	Excellent
4997	07/14/21 02:00:00	7.00	27.38					6.772844395	86.13316245			-0.23	-3.25	Excellent
4998	07/14/21 02:30:00	7.02	27.40					6.788805238	86.3669678			-0.23	-3.29	Excellent
4999	07/14/21 03:00:00	7.01	27.42					6.775749264	86.23163823			-0.23	-3.34	Excellent
5000	07/14/21 03:30:00	6.97	27.44					6.733719936	85.72733177			-0.24	-3.39	Excellent
5001	07/14/21 04:00:00	6.97	27.44					6.730353941	85.68447913			-0.24	-3.44	Excellent
5002	07/14/21 04:30:00	6.98	27.46					6.736639292	85.79509463			-0.24	-3.49	Excellent
5003	07/14/21 05:00:00	6.97	27.48					6.723621952	85.65985127			-0.25	-3.53	Excellent
5004	07/14/21 05:30:00	6.98	27.50					6.729897645	85.77037605			-0.25	-3.58	Excellent
5005	07/14/21 06:00:00	6.99	27.50					6.736163679	85.85023464			-0.25	-3.63	Excellent
5006	07/14/21 06:30:00	7.02	27.52					6.761684111	86.20620328			-0.26	-3.68	Excellent
5007	07/14/21 07:00:00	7.02	27.54					6.758293971	86.19368813			-0.26	-3.73	Excellent
5008	07/14/21 07:30:00	7.04	27.54					6.77414857	86.39589396			-0.27	-3.78	Excellent
5009	07/14/21 08:00:00	7.10	27.58					6.828454016	87.15055231			-0.27	-3.82	Excellent
5010	07/14/21 08:30:00	7.16	27.60					6.882701511	87.87418587			-0.28	-3.87	Excellent
5011	07/14/21 09:00:00	7.21	27.66					6.927283172	88.53784607			-0.28	-3.92	Excellent
5012	07/14/21 09:30:00	7.27	27.72					6.981419593	89.32499984			-0.29	-3.97	Excellent
5013	07/14/21 10:00:00	7.32	27.76					7.02589984	89.95801971			-0.29	-4.02	Excellent
5014	07/14/21 10:30:00	7.38	27.82					7.079925189	90.74637288			-0.30	-4.07	Excellent
5015	07/14/21 11:00:00	7.38	27.86					7.076361195	90.76509155			-0.30	-4.11	Excellent
5016	07/14/21 11:30:00	7.45	27.88					7.139883353	91.61235356			-0.31	-4.16	Good
5017	07/14/21 12:00:00	7.45	27.94					7.136285554	91.66364115			-0.31	-4.21	Good
5018	07/14/21 12:30:00	7.55	28.04					7.22842853	93.01177299			-0.32	-4.26	Good
5019	07/14/21 13:00:00	7.51	28.00					7.186505445	92.40686785			-0.32	-4.31	Good
5020	07/14/21 13:30:00	7.59	28.02					7.259394023	93.37715773			-0.33	-4.36	Good
5021	07/14/21 14:00:00	7.55	28.02					7.217490255	92.83815203			-0.33	-4.40	Good
5022	07/14/21 14:30:00	7.46	27.98					7.127851319	91.62021231			-0.33	-4.45	Good
5023	07/14/21 15:00:00	7.35	27.92					7.019199447	90.12774815			-0.33	-4.50	Good
5024	07/14/21 15:30:00	7.55	27.88					7.20655198	92.46778348			-0.34	-4.55	Good
5025	07/14/21 16:00:00	7.60	27.98					7.250607252	93.1980966			-0.35	-4.60	Good
5026	07/14/21 16:30:00	7.60	28.02					7.246937014	93.21692396			-0.35	-4.65	Good
5027	07/14/21 17:00:00	7.65	28.02					7.290919847	93.78267255			-0.36	-4.69	Good
5028	07/14/21 17:30:00	7.56	28.02					7.201493398	92.63238541			-0.36	-4.74	Good
5029	07/14/21 18:00:00	7.46	27.92					7.102632921	91.19904854			-0.36	-4.79	Good
5030	07/14/21 18:30:00	7.33	27.86					6.975320649	89.46909293			-0.35	-4.84	Good
5031	07/14/21 19:00:00	7.39	27.86					7.028848584	90.15567008			-0.36	-4.89	Good
5032	07/14/21 19:30:00	7.35	27.84					6.987253889	89.59035885			-0.36	-4.94	Good
5033	07/14/21 20:00:00	7.29	27.84					6.926694551	88.81386884			-0.36	-4.98	Good
5034	07/14/21 20:30:00	7.33	27.82					6.961161257	89.22412572			-0.37	-5.03	Good
5035	07/14/21 21:00:00	7.36	27.82					6.98609735	89.54374208			-0.37	-5.08	Good
5036	07/14/21 21:30:00	7.35	27.82					6.973055863	89.37658387			-0.38	-5.13	Good
5037	07/14/21 22:00:00	7.34	27.82					6.960024035	89.20954946			-0.38	-5.18	Good
5038	07/14/21 22:30:00	7.34	27.82					6.956479358	89.16411585			-0.38	-5.23	Good
5039	07/14/21 23:00:00	7.36	27.82					6.971880007	89.36151243			-0.39	-5.27	Good
5040	07/14/21 23:30:00	7.38	27.84				6.843	6.987261339	89.59045437		6.849	-0.39	-5.32	Good
5041	07/15/21 00:00:00	7.39	27.86	7.38	8.73	8.32750		6.993160349	89.6979142	7.784		-0.40	-5.37	Good
5042	07/15/21 00:30:00	7.40	27.86					6.999049701	89.77345409			-0.40	-5.42	Good
5043	07/15/21 01:00:00	7.43	27.88					7.023836086	90.12334279			-0.41	-5.47	Good
5044	07/15/21 01:30:00	7.41	27.88					7.001350912	89.83483391			-0.41	-5.51	Good
5045	07/15/21 02:00:00	7.38	27.88					6.969441368	89.42540027			-0.41	-5.56	Good
5046	07/15/21 02:30:00	7.62	27.84					7.192409971	92.22086395			-0.43	-5.61	Good
5047	07/15/21 03:00:00	8.05	27.86					7.59439332	97.4096412			-0.46	-5.66	Good
5048	07/15/21 03:30:00	8.29	27.90					7.816806558	100.3335815			-0.47	-5.71	Good
5049	07/15/21 04:00:00	8.23	27.88					7.756256879	99.52108632			-0.47	-5.76	Good
5050	07/15/21 04:30:00	7.90	27.86					7.441437538	95.44775074			-0.46	-5.80	Good
5051	07/15/21 05:00:00	8.05	27.86					7.578843101	97.210186			-0.47	-5.85	Good
5052	07/15/21 05:30:00	8.04	27.84					7.565545664	97.00519856			-0.47	-5.90	Good
5053	07/15/21 06:00:00	8.30	27.82					7.806194327	100.0552693			-0.49	-5.95	Good
5054	07/15/21 06:30:00	8.23	27.82					7.736384472	99.16048705			-0.49	-6.00	Good
5055	07/15/21 07:00:00	8.50	27.80					7.986085652	102.3246777			-0.51	-6.05	Fair
5056	07/15/21 07:30:00	8.58	27.78					8.057105306	103.1979896			-0.52	-6.09	Fair
5057	07/15/21 08:00:00	8.55	27.74					8.024804591	102.7112687			-0.53	-6.14	Fair
5058	07/15/21 08:30:00	8.48	27.70					7.955009224	101.7455882			-0.52	-6.19	Fair
5059	07/15/21 09:00:00	8.42	27.66					7.894657544	100.9018914			-0.53	-6.24	Fair
5060	07/15/21 09:30:00	8.43	27.68					7.899962555	101.0056129			-0.53	-6.29	Fair
5061	07/15/21 10:00:00	8.53	27.72					7.989555682	102.2237742			-0.54	-6.34	Fair
5062	07/15/21 10:30:00	8.48	27.76					7.938628372	101.6443877			-0.54	-6.38	Fair
5063	07/15/21 11:00:00	8.41	27.80					7.869035834	100.8249336			-0.54	-6.43	Fair
5064	07/15/21 11:30:00	8.49	27.84					7.939789878	101.8037466			-0.55	-6.48	Fair
5065	07/15/21 12:00:00	8.47	27.90					7.916995631	101.6195707			-0.55	-6.53	Fair
5066	07/15/21 12:30:00	8.52	27.94					7.959616613	102.239104			-0.56	-6.58	Fair
5067	07/15/21 13:00:00	8.52	27.98					7.955502083	102.2586972			-0.56	-6.63	Fair
5068	07/15/21 13:30:00	8.53	28.02					7.960720168	102.3982746			-0.57	-6.67	Fair
5069	07/15/21 14:00:00	8.60	28.02					8.021895305	103.1851668			-0.58	-6.72	Fair
5070	07/15/21 14:30:00	8.61	28.04					8.027065097	103.2882256			-0.58	-6.77	Fair
5071	07/15/21 15:00:00	8.64	28.06					8.050861484	103.6310975			-0.59	-6.82	Fair
5072	07/15/21 15:30:00	8.49	28.08					7.906989541	101.8151908			-0.58	-6.87	Fair
5073	07/15/21 16:00:00	8.65	28.08					8.05182499	103.6801799			-0.60	-6.92	Fair
5074	07/15/21 16:30:00	8.60	28.10					8.001129485	103.0638465			-0.60	-6.96	Fair
5075	07/15/21 17:00:00	8.57	28.12					7.969079892	102.6873208			-0.60	-7.01	Fair
5076	07/15/21 17:30:00	8.49	28.14					7.890589372	101.7118703			-0.60	-7.06	Fair
5077	07/15/21 18:00:00	8.73	28.16					8.109428958	104.5697299			-0.62	-7.11	Fair
5078	07/15/21 18:30:00	8.66	28.18					8.04022276	103.7139729			-0.62	-7.16	Fair
5079	07/15/21 19:00:00	8.65	28.18					8.026761128	103.5403261			-0.62	-7.21	Fair
5080	07/15/21 19:30:00	8.70	28.18					8.068957135	104.0846289			-0.63	-7.25	Fair
5081	07/15/21 20:00:00	8.71	28.16					8.074025512	104.1132084			-0.64	-7.30	Fair
5082	07/15/21 20:30:00	8.63	28.16					7.995699187	103.1032036			-0.63	-7.35	Fair
5083	07/15/21 21:00:00	8.53	28.12					7.89892978	101.7833862			-0.63	-7.40	Fair
5084	07/15/21 21:30:00	8.45	28.10					7.82076765	100.7405765			-0.63	-7.45	Fair
5085	07/15/21 22:00:00	8.44	28.08					7.807436408	100.5332843			-0.63	-7.49	Fair
5086	07/15/21 22:30:00	8.45	28.06					7.8126062	100.5642634			-0.64	-7.54	Fair
5087	07/15/21 23:00:00	8.34	28.02					7.70687603	99.13309244			-0.63	-7.59	Fair
5088	07/15/21 23:30:00	8.15	27.98				6.952	7.527363871	96.75548003		6.879	-0.62	-7.64	Fair
5089	07/16/21 00:00:00	8.31	27.96	7.78	8.52	8.22500		7.671127224	98.56846163	7.499		-0.64	-7.69	Fair
5090	07/16/21 00:30:00	8.32	27.92					7.676340479	98.5655539			-0.64	-7.74	Fair
5091	07/16/21 01:00:00	8.33	27.88					7.681544076	98.56244101			-0.65	-7.78	Fair
5092	07/16/21 01:30:00	8.34	27.84					7.686738014	98.55912323			-0.65	-7.83	Fair
5093	07/16/21 02:00:00	7.86	27.78					7.240540028	92.73915951			-0.62	-7.88	Fair
5094	07/16/21 02:30:00	8.21	27.72					7.558991109	96.7148401			-0.65	-7.93	Fair
5095	07/16/21 03:00:00	8.00	27.66					7.361779573	94.09115961			-0.64	-7.98	Fair

5096	07/16/21 03:30:00	8.23	27.60					7.569456254	96.64225665			-0.66	-8.03	Fair
5097	07/16/21 04:00:00	8.13	27.54					7.473556113	95.31597289			-0.66	-8.07	Fair
5098	07/16/21 04:30:00	8.32	27.48					7.644196921	97.38810064			-0.68	-8.12	Fair
5099	07/16/21 05:00:00	8.43	27.42					7.741190958	98.51834125			-0.69	-8.17	Fair
5100	07/16/21 05:30:00	8.42	27.40					7.727941814	98.31463392			-0.69	-8.22	Fair
5101	07/16/21 06:00:00	8.23	27.34					7.549583847	95.94274292			-0.68	-8.27	Fair
5102	07/16/21 06:30:00	8.35	27.28					7.655630401	97.18617835			-0.69	-8.32	Fair
5103	07/16/21 07:00:00	7.89	27.22					7.230072811	91.68542004			-0.66	-8.36	Fair
5104	07/16/21 07:30:00	7.98	27.18					7.308691375	92.61608128			-0.67	-8.41	Fair
5105	07/16/21 08:00:00	8.40	27.16					7.689302763	97.40432995			-0.71	-8.46	Fair
5106	07/16/21 08:30:00	8.43	27.12					7.712693492	97.63067646			-0.72	-8.51	Fair
5107	07/16/21 09:00:00	8.40	27.10					7.681189606	97.19705625			-0.72	-8.56	Fair
5108	07/16/21 09:30:00	8.15	27.08					7.448646925	94.22071039			-0.70	-8.61	Fair
5109	07/16/21 10:00:00	8.12	27.08					7.417307233	93.82428295			-0.70	-8.65	Fair
5110	07/16/21 10:30:00	8.02	27.10					7.322088018	92.65301828			-0.70	-8.70	Fair
5111	07/16/21 11:00:00	7.78	27.10					7.099216	89.83281657			-0.68	-8.75	Fair
5112	07/16/21 11:30:00	8.25	27.14					7.524104806	95.27755871			-0.73	-8.80	Fair
5113	07/16/21 12:00:00	8.15	27.14					7.428967688	94.07283967			-0.72	-8.85	Fair
5114	07/16/21 12:30:00	8.30	27.14					7.561688869	95.75348479			-0.74	-8.90	Fair
5115	07/16/21 13:00:00	8.24	27.12					7.503046747	94.97687548			-0.74	-8.94	Fair
5116	07/16/21 13:30:00	7.97	27.12					7.253345567	91.81604779			-0.72	-8.99	Fair
5117	07/16/21 14:00:00	8.29	27.10					7.54056803	95.41764395			-0.75	-9.04	Fair
5118	07/16/21 14:30:00	7.98	27.06					7.254738877	91.73500503			-0.73	-9.09	Fair
5119	07/16/21 15:00:00	8.45	27.04					7.677942271	97.05153822			-0.77	-9.14	Fair
5120	07/16/21 15:30:00	8.33	27.04					7.564883631	95.62244243			-0.77	-9.19	Fair
5121	07/16/21 16:00:00	8.10	27.04					7.352097592	92.93276183			-0.75	-9.23	Fair
5122	07/16/21 16:30:00	8.25	27.04					7.484263407	94.60337815			-0.77	-9.28	Fair
5123	07/16/21 17:00:00	8.37	27.02					7.589083329	95.89393448			-0.78	-9.33	Fair
5124	07/16/21 17:30:00	8.24	27.00					7.467232951	94.3204167			-0.77	-9.38	Fair
5125	07/16/21 18:00:00	8.46	26.98					7.662515267	96.75234874			-0.80	-9.43	Fair
5126	07/16/21 18:30:00	8.40	26.94					7.604114608	95.94602784			-0.80	-9.47	Fair
5127	07/16/21 19:00:00	8.32	26.90					7.527676525	94.9133518			-0.79	-9.52	Fair
5128	07/16/21 19:30:00	8.22	26.86					7.433229991	93.65517559			-0.79	-9.57	Fair
5129	07/16/21 20:00:00	8.19	26.84					7.40214625	93.23001114			-0.79	-9.62	Fair
5130	07/16/21 20:30:00	8.06	26.82					7.280759481	91.6681739			-0.78	-9.67	Fair
5131	07/16/21 21:00:00	8.03	26.80					7.249781984	91.2453248			-0.78	-9.72	Fair
5132	07/16/21 21:30:00	8.10	26.78					7.309068881	91.95841286			-0.79	-9.76	Fair
5133	07/16/21 22:00:00	8.30	26.76					7.485531431	94.14467193			-0.81	-9.81	Poor
5134	07/16/21 22:30:00	8.44	26.72					7.607717511	95.61251725			-0.83	-9.86	Poor
5135	07/16/21 23:00:00	8.19	26.68					7.378415264	92.66389833			-0.81	-9.91	Poor
5136	07/16/21 23:30:00	8.52	26.66				7.111	7.671599518	96.31121956		6.928	-0.85	-9.96	Poor
5137	07/17/21 00:00:00	8.21	26.58	6.84	8.57	7.93042		7.388503727	92.62345581	7.044		-0.82	-10.01	Poor
5138	07/17/21 00:30:00	8.26	26.48					7.429511735	92.96954681			-0.83	-10.05	Poor
5139	07/17/21 01:00:00	8.35	26.50					7.506430399	93.96601217			-0.84	-10.10	Poor
5140	07/17/21 01:30:00	8.05	26.46					7.232850734	90.47592001			-0.82	-10.15	Poor
5141	07/17/21 02:00:00	7.58	26.38					6.806899491	85.02461553			-0.77	-10.20	Fair
5142	07/17/21 02:30:00	7.15	26.32					6.417303195	80.07119791			-0.73	-10.25	Fair
5143	07/17/21 03:00:00	7.06	26.28					6.333116494	78.96354719			-0.73	-10.30	Fair
5144	07/17/21 03:30:00	6.96	26.24					6.240051129	77.74680583			-0.72	-10.34	Fair
5145	07/17/21 04:00:00	6.95	26.20					6.227729202	77.53703514			-0.72	-10.39	Fair
5146	07/17/21 04:30:00	6.95	26.16					6.224372866	77.4390404			-0.73	-10.44	Fair
5147	07/17/21 05:00:00	6.89	26.14					6.167309912	76.70126308			-0.72	-10.49	Fair
5148	07/17/21 05:30:00	6.96	26.10					6.226606468	77.38250687			-0.73	-10.54	Fair
5149	07/17/21 06:00:00	6.91	26.08					6.17853808	76.75724108			-0.73	-10.59	Fair
5150	07/17/21 06:30:00	6.90	26.04					6.166264446	76.54911059			-0.73	-10.63	Fair
5151	07/17/21 07:00:00	6.87	26.02					6.136136899	76.14741519			-0.73	-10.68	Fair
5152	07/17/21 07:30:00	6.90	26.02					6.159600067	76.43858529			-0.74	-10.73	Fair
5153	07/17/21 08:00:00	6.84	26.02					6.102735113	75.73291016			-0.74	-10.78	Fair
5154	07/17/21 08:30:00	6.89	26.02					6.144018389	76.24522187			-0.75	-10.83	Fair
5155	07/17/21 09:00:00	6.99	26.04					6.229815717	77.33804745			-0.76	-10.88	Fair
5156	07/17/21 09:30:00	7.62	26.06					6.787621357	84.29337543			-0.83	-10.92	Poor
5157	07/17/21 10:00:00	8.02	26.08					7.140053873	88.70234825			-0.88	-10.97	Poor
5158	07/17/21 10:30:00	8.28	26.08					7.367528314	91.52830971			-0.91	-11.02	Poor
5159	07/17/21 11:00:00	8.38	26.08					7.452461204	92.58344836			-0.93	-11.07	Poor
5160	07/17/21 11:30:00	8.44	26.14					7.501744219	93.29728279			-0.94	-11.12	Poor
5161	07/17/21 12:00:00	8.30	26.18					7.373299417	91.76642392			-0.93	-11.17	Poor
5162	07/17/21 12:30:00	8.34	26.22					7.404805787	92.22541807			-0.94	-11.21	Poor
5163	07/17/21 13:00:00	8.40	26.26					7.454021193	92.90571598			-0.95	-11.26	Poor
5164	07/17/21 13:30:00	8.42	26.30					7.467702625	93.14370451			-0.95	-11.31	Poor
5165	07/17/21 14:00:00	8.40	26.32					7.445908035	92.90550217			-0.95	-11.36	Poor
5166	07/17/21 14:30:00	8.30	26.34					7.353257986	91.78269458			-0.95	-11.41	Poor
5167	07/17/21 15:00:00	8.33	26.34					7.375813253	92.06422736			-0.95	-11.45	Poor
5168	07/17/21 15:30:00	8.34	26.30					7.380640168	92.05778556			-0.96	-11.50	Poor
5169	07/17/21 16:00:00	8.36	26.32					7.394302283	92.26159705			-0.97	-11.55	Poor
5170	07/17/21 16:30:00	8.36	26.32					7.390265021	92.21122256			-0.97	-11.60	Poor
5171	07/17/21 17:00:00	8.43	26.32					7.448074164	92.93252981			-0.98	-11.65	Poor
5172	07/17/21 17:30:00	8.41	26.28					7.426342355	92.59427575			-0.98	-11.70	Poor
5173	07/17/21 18:00:00	8.44	26.30					7.448757573	92.90740529			-0.99	-11.74	Poor
5174	07/17/21 18:30:00	8.46	26.30					7.462323103	93.07660642			-1.00	-11.79	Poor
5175	07/17/21 19:00:00	8.46	26.30					7.458237549	93.02564782			-1.00	-11.84	Poor
5176	07/17/21 19:30:00	8.47	26.32					7.462963049	93.11830423			-1.01	-11.89	Poor
5177	07/17/21 20:00:00	8.46	26.34					7.45006644	92.99104886			-1.01	-11.94	Poor
5178	07/17/21 20:30:00	8.53	26.34					7.507590656	93.70906087			-1.02	-11.99	Poor
5179	07/17/21 21:00:00	8.52	26.32					7.494674731	93.51398327			-1.03	-12.03	Poor
5180	07/17/21 21:30:00	8.47	26.32					7.446601514	92.91415498			-1.02	-12.08	Poor
5181	07/17/21 22:00:00	8.44	26.30					7.416150406	92.50070025			-1.02	-12.13	Poor
5182	07/17/21 22:30:00	8.57	26.26					7.526241535	93.80585866			-1.04	-12.18	Poor
5183	07/17/21 23:00:00	8.53	26.24					7.486993861	93.28286675			-1.04	-12.23	Poor
5184	07/17/21 23:30:00	8.51	26.20				7.300	7.465329661	92.94551986		6.979	-1.04	-12.28	Poor
5185	07/18/21 00:00:00	8.35	26.18	6.94	8.55	7.85578		7.320938504	91.11475178	6.791		-1.03	-12.32	Poor
5186	07/18/21 00:30:00	7.90	26.16					6.922581792	86.1256391			-0.98	-12.37	Poor
5187	07/18/21 01:00:00	7.41	26.12					6.489627984	80.68055612			-0.92	-12.42	Poor
5188	07/18/21 01:30:00	7.30	26.08					6.389765366	79.38136081			-0.91	-12.47	Poor
5189	07/18/21 02:00:00	7.11	26.06					6.2200228	77.24454407			-0.89	-12.52	Poor
5190	07/18/21 02:30:00			SUSPECT DATA-DEBRIS?										
5191	07/18/21 03:00:00			SUSPECT DATA-DEBRIS?										
5192	07/18/21 03:30:00			SUSPECT DATA-DEBRIS?										
5193	07/18/21 04:00:00	6.99	26.02					6.1015409	75.71809037			-0.89	-12.71	Poor
5194	07/18/21 04:30:00	7.02	26.00					6.12433763	75.97335928			-0.90	-12.76	Poor
5195	07/18/21 05:00:00	7.06	25.98					6.155824683	76.33619056			-0.90	-12.81	Poor
5196	07/18/21 05:30:00	7.02	25.96					6.117557348	75.83405558			-0.90	-12.86	Poor
5197	07/18/21 06:00:00	7.04	25.96					6.131586487	76.00796265			-0.91	-12.90	Poor
5198	07/18/21 06:30:00	7.03	25.94					6.119481877	75.83031068			-0.91	-12.95	Poor
5199	07/18/21 07:00:00	7.03	25.92					6.116086907	75.76065766			-0.91	-13.00	Poor
5200	07/18/21 07:30:00	7.02	25.92					6.103996785	75.61089595			-0.92	-13.05	Poor
5201	07/18/21 08:00:00	7.00	25.90					6.083225998	75.32617269			-0.92	-13.10	Poor
5202	07/18/21 08:30:00	6.94	25.90					6.027732554	74.63901941			-0.91	-13.15	Poor
5203	07/18/21 09:00:00	6.99	25.90					6.067784369	75.13496513			-0.92	-13.19	Poor
5204	07/18/21 09:30:00	6.99	25.90					6.064408716	75.09316576			-0.93	-13.24	Poor
5205	07/18/21 10:00:00	7.12	25.90					6.173756139	76.44717148			-0.95	-13.29	Poor
5206	07/18/21 10:30:00	7.79	25.88					6.750951534	83.56391126			-1.04	-13.34	Poor
5207	07/18/21 11:00:00	8.13	25.90					7.041675348	87.19427052			-1.09	-13.39	Poor
5208	07/18/21 11:30:00	8.12	25.92					7.029092641	87.07016256			-1.09	-13.43	Poor
5209	07/18/21 12:00:00	8.08	25.94					6.990564527	86.62443824			-1.09	-13.48	Poor
5210	07/18/21 12:30:00	8.19	25.96					7.081777939	87.78666243			-1.11	-13.53	Poor
5211	07/18/21 13:00:00	8.28	25.98					7.155601047	88.73406136			-1.12	-13.58	Poor

5212	07/18/21 13:30:00	8.36	26.00					7.220700027	89.57390506			-1.14	-13.63	Poor
5213	07/18/21 14:00:00	8.41	26.00					7.259824624	90.05925176			-1.15	-13.68	Poor
5214	07/18/21 14:30:00	8.46	26.02					7.298900928	90.57692953			-1.16	-13.72	Poor
5215	07/18/21 15:00:00	8.18	26.02					7.053379404	87.53008919			-1.13	-13.77	Poor
5216	07/18/21 15:30:00	8.43	26.02					7.264876168	90.15469358			-1.17	-13.82	Poor
5217	07/18/21 16:00:00	8.24	26.02					7.097157062	88.07335534			-1.14	-13.87	Poor
5218	07/18/21 16:30:00	8.19	26.02					7.050136624	87.48984737			-1.14	-13.92	Poor
5219	07/18/21 17:00:00	8.22	26.00					7.071991648	87.72915453			-1.15	-13.97	Poor
5220	07/18/21 17:30:00	8.46	25.98					7.274387602	90.20709114			-1.19	-14.01	Poor
5221	07/18/21 18:00:00	8.24	25.96					7.08123982	87.77999183			-1.16	-14.06	Poor
5222	07/18/21 18:30:00	8.55	25.94					7.343516669	90.99808802			-1.21	-14.11	Poor
5223	07/18/21 19:00:00	8.33	25.92					7.15053791	88.57451879			-1.18	-14.16	Poor
5224	07/18/21 19:30:00	8.44	25.90					7.240886885	89.6610279			-1.20	-14.21	Poor
5225	07/18/21 20:00:00	8.31	25.88					7.125343521	88.19817039			-1.18	-14.26	Poor
5226	07/18/21 20:30:00	8.38	25.86					7.181317545	88.85864268			-1.20	-14.30	Poor
5227	07/18/21 21:00:00	8.49	25.86					7.271483008	89.9743127			-1.22	-14.35	Poor
5228	07/18/21 21:30:00	8.23	25.84					7.044824712	87.13797585			-1.19	-14.40	Poor
5229	07/18/21 22:00:00	8.37	25.82					7.160621681	88.53799705			-1.21	-14.45	Poor
5230	07/18/21 22:30:00	8.40	25.80					7.182230413	88.77280478			-1.22	-14.50	Poor
5231	07/18/21 23:00:00	8.49	25.78					7.255082839	89.64056481			-1.23	-14.55	Poor
5232	07/18/21 23:30:00	8.42	25.76				7.530	7.191198487	88.81882869		7.047	-1.23	-14.59	Poor
5233	07/19/21 00:00:00	8.66	25.74	7.66	8.66	8.32125		7.391991126	91.26551639	7.008		-1.27	-14.64	Poor
5234	07/19/21 00:30:00	8.47	25.74					7.225720798	89.21265309			-1.24	-14.69	Poor
5235	07/19/21 01:00:00	8.34	25.72					7.110790751	87.7616231			-1.23	-14.74	Poor
5236	07/19/21 01:30:00	8.49	25.72					7.234582628	89.2894667			-1.26	-14.79	Poor
5237	07/19/21 02:00:00	8.48	25.72					7.221966117	89.13375328			-1.26	-14.84	Poor
5238	07/19/21 02:30:00	8.24	25.72					7.013591539	86.5619871			-1.23	-14.88	Poor
5239	07/19/21 03:00:00	8.42	25.70					7.162734825	88.37044593			-1.26	-14.93	Poor
5240	07/19/21 03:30:00	8.17	25.68					6.946119046	85.66664857			-1.22	-14.98	Poor
5241	07/19/21 04:00:00	8.06	25.64					6.848704863	84.40353516			-1.21	-15.03	Poor
5242	07/19/21 04:30:00	7.79	25.60					6.615519753	81.47016791			-1.17	-15.08	Poor
5243	07/19/21 05:00:00	8.01	25.58					6.798482625	83.69274151			-1.21	-15.13	Poor
5244	07/19/21 05:30:00	7.98	25.56					6.769166394	83.30136332			-1.21	-15.17	Poor
5245	07/19/21 06:00:00	7.66	25.54					6.494021911	79.88619612			-1.17	-15.22	Poor
5246	07/19/21 06:30:00	8.07	25.50					6.837715949	84.05258248			-1.23	-15.27	Poor
5247	07/19/21 07:00:00	8.05	25.50					6.816882382	83.79648599			-1.23	-15.32	Poor
5248	07/19/21 07:30:00	8.00	25.50					6.77067809	83.22851999			-1.23	-15.37	Poor
5249	07/19/21 08:00:00	8.22	25.50					6.952902085	85.46850737			-1.27	-15.41	Poor
5250	07/19/21 08:30:00	8.36	25.50					7.06728408	86.87454736			-1.29	-15.46	Poor
5251	07/19/21 09:00:00	8.66	25.50					7.316712613	89.94064612			-1.34	-15.51	Poor
5252	07/19/21 09:30:00	8.52	25.48					7.194314046	88.40367881			-1.33	-15.56	Poor
5253	07/19/21 10:00:00	8.55	25.48					7.21551712	88.66422203			-1.33	-15.61	Poor
5254	07/19/21 10:30:00	8.40	25.48					7.084872521	87.05886215			-1.32	-15.66	Poor
5255	07/19/21 11:00:00	8.40	25.52					7.080815942	87.07276325			-1.32	-15.70	Poor
5256	07/19/21 11:30:00	8.54	25.50					7.194705353	88.4408726			-1.35	-15.75	Poor
5257	07/19/21 12:00:00	8.48	25.52					7.140061859	87.80131003			-1.34	-15.80	Poor
5258	07/19/21 12:30:00	8.46	25.52					7.119136536	87.54399142			-1.34	-15.85	Poor
5259	07/19/21 13:00:00	8.46	25.52					7.115050982	87.49375138			-1.34	-15.90	Poor
5260	07/19/21 13:30:00	8.47	25.54					7.119370824	87.57892438			-1.35	-15.95	Poor
5261	07/19/21 14:00:00	8.45	25.54					7.098479306	87.32192742			-1.35	-15.99	Poor
5262	07/19/21 14:30:00	8.39	25.58					7.044024153	86.71548125			-1.35	-16.04	Poor
5263	07/19/21 15:00:00	8.44	25.58					7.081926947	87.18208371			-1.36	-16.09	Poor
5264	07/19/21 15:30:00	8.27	25.58					6.9352877	85.37688081			-1.33	-16.14	Poor
5265	07/19/21 16:00:00	8.49	25.60					7.115681406	87.62966185			-1.37	-16.19	Poor
5266	07/19/21 16:30:00	8.17	25.62					6.843535894	84.30900907			-1.33	-16.24	Poor
5267	07/19/21 17:00:00	8.42	25.60					7.04888018	86.80700433			-1.37	-16.28	Poor
5268	07/19/21 17:30:00	8.40	25.60					7.028080418	86.55085512			-1.37	-16.33	Poor
5269	07/19/21 18:00:00	8.18	25.58					6.84006131	84.20459604			-1.34	-16.38	Poor
5270	07/19/21 18:30:00	8.27	25.56					6.91132491	85.05076605			-1.36	-16.43	Poor
5271	07/19/21 19:00:00	8.39	25.54					7.007558407	86.20346418			-1.38	-16.48	Poor
5272	07/19/21 19:30:00	8.31	25.56					6.936727095	85.36336534			-1.37	-16.53	Poor
5273	07/19/21 20:00:00	8.49	25.56					7.082881069	87.16193619			-1.41	-16.57	Poor
5274	07/19/21 20:30:00	8.32	25.54					6.93703865	85.33596556			-1.38	-16.62	Poor
5275	07/19/21 21:00:00	8.47	25.54					7.058015069	86.82415671			-1.41	-16.67	Poor
5276	07/19/21 21:30:00	8.34	25.56					6.945659018	85.47328159			-1.39	-16.72	Poor
5277	07/19/21 22:00:00	8.32	25.54					6.924984816	85.18768534			-1.40	-16.77	Poor
5278	07/19/21 22:30:00	8.39	25.54					6.97919616	85.85456607			-1.41	-16.82	Poor
5279	07/19/21 23:00:00	8.20	25.54					6.81718524	83.8615891			-1.38	-16.86	Poor
5280	07/19/21 23:30:00	8.30	25.54				7.839	6.89631336	84.83498348		7.147	-1.40	-16.91	Poor
5281	07/20/21 00:00:00	8.29	25.52	7.08	8.94	8.27271		6.884001091	84.65253187	7.002		-1.41	-16.96	Poor
5282	07/20/21 00:30:00	8.19	25.50					6.797006107	83.55215699			-1.39	-17.01	Poor
5283	07/20/21 01:00:00	7.89	25.48					6.544221238	80.4153431			-1.35	-17.06	Poor
5284	07/20/21 01:30:00	7.60	25.46					6.300015618	77.38619056			-1.30	-17.11	Poor
5285	07/20/21 02:00:00	7.30	25.44					6.047805431	74.26095066			-1.25	-17.15	Poor
5286	07/20/21 02:30:00	7.20	25.42					5.961481714	73.17415521			-1.24	-17.20	Poor
5287	07/20/21 03:00:00	7.18	25.38					5.941454633	72.87486571			-1.24	-17.25	Poor
5288	07/20/21 03:30:00	7.15	25.36					5.913176693	72.50141993			-1.24	-17.30	Poor
5289	07/20/21 04:00:00	7.12	25.34					5.884927728	72.12858604			-1.24	-17.35	Poor
5290	07/20/21 04:30:00	7.15	25.30					5.90627085	72.3370458			-1.24	-17.39	Poor
5291	07/20/21 05:00:00	7.13	25.28					5.88630655	72.06606025			-1.24	-17.44	Poor
5292	07/20/21 05:30:00	7.08	25.24					5.841608987	71.4662912			-1.24	-17.49	Poor
5293	07/20/21 06:00:00	7.11	25.20					5.862927963	71.67438844			-1.25	-17.54	Poor
5294	07/20/21 06:30:00	7.12	25.18					5.86773556	71.70678357			-1.25	-17.59	Poor
5295	07/20/21 07:00:00	7.14	25.14					5.880769872	71.81320367			-1.26	-17.64	Poor
5296	07/20/21 07:30:00	7.81	25.10					6.428835168	78.44813716			-1.38	-17.68	Poor
5297	07/20/21 08:00:00	8.20	25.14					6.745905356	82.37783246			-1.45	-17.73	Poor
5298	07/20/21 08:30:00	8.46	25.10					6.955714361	84.87740313			-1.50	-17.78	Poor
5299	07/20/21 09:00:00	8.66	25.02					7.115969914	86.70504374			-1.54	-17.83	Poor
5300	07/20/21 09:30:00	8.67	24.96					7.12	86.65820975			-1.55	-17.88	Poor
5301	07/20/21 10:00:00	8.36	24.90					7.13	86.64836743			-1.23	-14.71	Poor
5302	07/20/21 10:30:00	8.64	24.90					7.372862391	89.59978814			-1.27	-14.67	Poor
5303	07/20/21 11:00:00	8.74	24.92					7.462301984	90.72020626			-1.28	-14.62	Poor
5304	07/20/21 11:30:00	8.84	24.94					7.551835525	91.84257265			-1.29	-14.57	Poor
5305	07/20/21 12:00:00	8.87	24.96					7.58163053	92.23896003			-1.29	-14.53	Poor
5306	07/20/21 12:30:00	8.88	25.00					7.594349329	92.46188486			-1.29	-14.48	Poor
5307	07/20/21 13:00:00	8.73	25.04					7.470167241	91.01703987			-1.26	-14.43	Poor
5308	07/20/21 13:30:00	8.61	25.10					7.371529001	89.914542			-1.24	-14.38	Poor
5309	07/20/21 14:00:00	8.63	25.14					7.392706047	90.23926602			-1.24	-14.34	Poor
5310	07/20/21 14:30:00	8.75	25.20					7.499611731	91.64529981			-1.25	-14.29	Poor
5311	07/20/21 15:00:00	8.58	25.24					7.357935368	89.98014614			-1.22	-14.24	Poor
5312	07/20/21 15:30:00	8.48	25.28					7.27616195	89.04554823			-1.20	-14.20	Poor
5313	07/20/21 16:00:00	8.51	25.32					7.305900586	89.47517662			-1.20	-14.15	Poor
5314	07/20/21 16:30:00	8.56	25.36					7.352846955	90.11624866			-1.21	-14.10	Poor
5315	07/20/21 17:00:00	8.56	25.40					7.356867939	90.23169846			-1.20	-14.06	Poor
5316	07/20/21 17:30:00	8.59	25.42					7.386686431	90.63064392			-1.20	-14.01	Poor
5317	07/20/21 18:00:00	8.53	25.44					7.339098307	90.07977507			-1.19	-13.96	Poor
5318	07/20/21 18:30:00	8.80	25.44					7.57553643	92.98180636			-1.22	-13.91	Poor
5319	07/20/21 19:00:00	8.94	25.46					7.700255814	94.54724588			-1.24	-13.87	Poor
5320	07/20/21 19:30:00	8.85	25.44					7.626893669	93.61216288			-1.22	-13.82	Poor
5321	07/20/21 20:00:00	8.87	25.44					7.648296191	93.87485651			-1.22	-13.77	Poor
5322	07/20/21 20:30:00	8.86	25.42					7.643835441	93.78572306			-1.22	-13.73	Poor
5323	07/20/21 21:00:00	8.91	25.40					7.691157603	94.33174815			-1.22	-13.68	Poor
5324	07/20/21 21:30:00	8.94	25.38					7.721253242	94.66614543			-1.22	-13.63	Poor
5325	07/20/21 22:00:00	8.90	25.36					7.690886944	94.25925556			-1.21	-13.59	Poor
5326	07/20/21 22:30:00	8.92	25.34					7.712359927	94.48774921			-1.21	-13.54	Poor
5327	07/20/21 23:00:00	8.91	25.32					7.707899177	94.39844302			-1.20	-13.49	Poor

5328	07/20/21 23:30:00	8.88	25.32				8.031	7.686117955	94.13168897		7.160	-1.19	-13.44	Poor
5329	07/21/21 00:00:00	8.83	25.30	8.75	9.24	8.99354		7.646988078	93.61808778	7.888		-1.18	-13.40	Poor
5330	07/21/21 00:30:00	8.96	25.28					7.763780022	95.01301004			-1.20	-13.35	Poor
5331	07/21/21 01:00:00	8.89	25.26					7.707301489	94.28718299			-1.18	-13.30	Poor
5332	07/21/21 01:30:00	8.78	25.24					7.616059881	93.13674922			-1.16	-13.26	Poor
5333	07/21/21 02:00:00	8.88	25.22					7.706974461	94.21390683			-1.17	-13.21	Poor
5334	07/21/21 02:30:00	8.81	25.20					7.650359704	93.48744093			-1.16	-13.16	Poor
5335	07/21/21 03:00:00	8.89	25.18					7.724005484	94.35268604			-1.17	-13.12	Poor
5336	07/21/21 03:30:00	9.01	25.16					7.832498893	95.64279744			-1.18	-13.07	Poor
5337	07/21/21 04:00:00	9.00	25.12					7.828033445	95.51793661			-1.17	-13.02	Poor
5338	07/21/21 04:30:00	9.01	25.08					7.840963628	95.60527398			-1.17	-12.97	Poor
5339	07/21/21 05:00:00	9.14	25.06					7.958389722	97.00131502			-1.18	-12.93	Poor
5340	07/21/21 05:30:00	9.00	25.06					7.840716456	95.56704729			-1.16	-12.88	Poor
5341	07/21/21 06:00:00	9.12	25.06					7.949543381	96.89349086			-1.17	-12.83	Poor
5342	07/21/21 06:30:00	9.06	25.06					7.901499608	96.30790642			-1.16	-12.79	Poor
5343	07/21/21 07:00:00	9.03	25.06					7.879577465	96.04070705			-1.15	-12.74	Poor
5344	07/21/21 07:30:00	9.06	25.08					7.910011317	96.44717602			-1.15	-12.69	Poor
5345	07/21/21 08:00:00	9.04	25.10					7.896796383	96.32151348			-1.14	-12.65	Poor
5346	07/21/21 08:30:00	9.02	25.10					7.88356266	96.16009457			-1.14	-12.60	Poor
5347	07/21/21 09:00:00	9.05	25.12					7.914034092	96.56731949			-1.14	-12.55	Poor
5348	07/21/21 09:30:00	9.06	25.12					7.927034736	96.7259538			-1.13	-12.51	Poor
5349	07/21/21 10:00:00	9.06	25.14					7.93129059	96.8135128			-1.13	-12.46	Poor
5350	07/21/21 10:30:00	9.12	25.14					7.988099733	97.50695513			-1.13	-12.41	Poor
5351	07/21/21 11:00:00	9.05	25.14					7.931038721	96.81043835			-1.12	-12.36	Poor
5352	07/21/21 11:30:00	9.06	25.14					7.944058154	96.96936041			-1.12	-12.32	Poor
5353	07/21/21 12:00:00	8.91	25.14					7.816719406	95.41499654			-1.09	-12.27	Poor
5354	07/21/21 12:30:00	9.03	25.14					7.926236851	96.75182419			-1.10	-12.22	Poor
5355	07/21/21 13:00:00	9.04	25.12					7.939260981	96.87513887			-1.10	-12.18	Poor
5356	07/21/21 13:30:00	8.99	25.12					7.899572112	96.39085391			-1.09	-12.13	Poor
5357	07/21/21 14:00:00	8.94	25.10					7.859836269	95.8706909			-1.08	-12.08	Poor
5358	07/21/21 14:30:00	8.84	25.06					7.776071149	94.77911405			-1.06	-12.04	Poor
5359	07/21/21 15:00:00	8.92	25.02					7.850632925	95.61740899			-1.07	-11.99	Poor
5360	07/21/21 15:30:00	8.95	24.98					7.881240582	95.9194289			-1.07	-11.94	Poor
5361	07/21/21 16:00:00	9.10	24.94					8.017603057	97.50706154			-1.08	-11.89	Poor
5362	07/21/21 16:30:00	9.11	24.90					8.030692951	97.5941702			-1.08	-11.85	Poor
5363	07/21/21 17:00:00	9.12	24.86					8.043792241	97.68117034			-1.08	-11.80	Poor
5364	07/21/21 17:30:00	9.13	24.84					8.056900925	97.80420827			-1.07	-11.75	Poor
5365	07/21/21 18:00:00	9.19	24.82					8.114165716	98.4629527			-1.08	-11.71	Poor
5366	07/21/21 18:30:00	9.21	24.80					8.136150717	98.6932351			-1.07	-11.66	Poor
5367	07/21/21 19:00:00	9.24	24.80					8.166993244	99.0673615			-1.07	-11.61	Poor
5368	07/21/21 19:30:00	9.22	24.80					8.153646783	98.90546609			-1.07	-11.57	Poor
5369	07/21/21 20:00:00	9.08	24.78					8.034103947	97.41934802			-1.05	-11.52	Poor
5370	07/21/21 20:30:00	9.02	24.76					7.985252219	96.79116943			-1.03	-11.47	Poor
5371	07/21/21 21:00:00	8.85	24.72					7.838911326	94.94702609			-1.01	-11.42	Poor
5372	07/21/21 21:30:00	8.75	24.68					7.754446292	93.85442202			-1.00	-11.38	Poor
5373	07/21/21 22:00:00	8.82	24.66					7.820624979	94.62034024			-1.00	-11.33	Poor
5374	07/21/21 22:30:00	8.79	24.62					7.798153238	94.27854397			-0.99	-11.28	Poor
5375	07/21/21 23:00:00	8.75	24.58					7.766776996	93.82958818			-0.98	-11.24	Poor
5376	07/21/21 23:30:00	8.76	24.56				8.279	7.779768245	93.95166947		7.293	-0.98	-11.19	Poor
5377	07/22/21 00:00:00	8.57	24.56	7.95	8.90	8.66146		7.615054661	91.96252073	7.791		-0.95	-11.14	Poor
5378	07/22/21 00:30:00	8.78	24.56					7.805778927	94.26578513			-0.97	-11.10	Poor
5379	07/22/21 01:00:00	8.61	24.54					7.658686449	92.45511704			-0.95	-11.05	Poor
5380	07/22/21 01:30:00	8.84	24.52					7.867426403	94.93975946			-0.97	-11.00	Poor
5381	07/22/21 02:00:00	8.68	24.52					7.729106898	93.27059602			-0.95	-10.95	Poor
5382	07/22/21 02:30:00	8.75	24.52					7.79554864	94.07237829			-0.95	-10.91	Poor
5383	07/22/21 03:00:00	8.59	24.50					7.657036542	92.3665849			-0.93	-10.86	Poor
5384	07/22/21 03:30:00	8.74	24.50					7.794850517	94.02903044			-0.95	-10.81	Poor
5385	07/22/21 04:00:00	8.75	24.48					7.807879345	94.15121808			-0.94	-10.77	Poor
5386	07/22/21 04:30:00	8.80	24.48					7.85662952	94.73907147			-0.94	-10.72	Poor
5387	07/22/21 05:00:00	8.85	24.48					7.90542667	95.3274913			-0.94	-10.67	Poor
5388	07/22/21 05:30:00	8.57	24.46					7.659337157	92.32571358			-0.91	-10.63	Poor
5389	07/22/21 06:00:00	8.78	24.46					7.851146525	94.63778529			-0.93	-10.58	Poor
5390	07/22/21 06:30:00	8.66	24.44					7.74790952	93.3586614			-0.91	-10.53	Poor
5391	07/22/21 07:00:00	8.75	24.42					7.832540754	94.34334765			-0.92	-10.49	Poor
5392	07/22/21 07:30:00	8.77	24.40					7.854563334	94.57343479			-0.92	-10.44	Poor
5393	07/22/21 08:00:00	8.74	24.38					7.831800354	94.26428445			-0.91	-10.39	Poor
5394	07/22/21 08:30:00	8.77	24.36					7.862802593	94.60222342			-0.91	-10.34	Poor
5395	07/22/21 09:00:00	8.69	24.38					7.795160105	93.82327897			-0.89	-10.30	Poor
5396	07/22/21 09:30:00	8.80	24.36					7.897966739	95.02530493			-0.90	-10.25	Poor
5397	07/22/21 10:00:00	8.81	24.36					7.911080121	95.1830801			-0.90	-10.20	Poor
5398	07/22/21 10:30:00	8.75	24.38					7.861312398	94.61949419			-0.89	-10.16	Poor
5399	07/22/21 11:00:00	8.72	24.42					7.83845547	94.4145907			-0.88	-10.11	Poor
5400	07/22/21 11:30:00	8.70	24.46					7.824564109	94.31736062			-0.88	-10.06	Poor
5401	07/22/21 12:00:00	8.90	24.48					8.008619842	96.57184491			-0.89	-10.02	Poor
5402	07/22/21 12:30:00	8.80	24.50					7.922769071	95.57210783			-0.88	-9.97	Poor
5403	07/22/21 13:00:00	8.70	24.52					7.836824352	94.57047079			-0.86	-9.92	Poor
5404	07/22/21 13:30:00	8.79	24.56					7.922023973	95.66960794			-0.87	-9.87	Poor
5405	07/22/21 14:00:00	8.61	24.58					7.763842697	93.79413923			-0.85	-9.83	Poor
5406	07/22/21 14:30:00	8.72	24.62					7.867128468	95.11244451			-0.85	-9.78	Poor
5407	07/22/21 15:00:00	8.73	24.62					7.880251244	95.27109698			-0.85	-9.73	Poor
5408	07/22/21 15:30:00	8.64	24.64					7.803070104	94.37296607			-0.84	-9.69	Poor
5409	07/22/21 16:00:00	8.73	24.66					7.888452924	95.4409784			-0.84	-9.64	Poor
5410	07/22/21 16:30:00	8.65	24.68					7.820227957	94.65059752			-0.83	-9.59	Poor
5411	07/22/21 17:00:00	8.63	24.70					7.806200371	94.51581825			-0.82	-9.55	Poor
5412	07/22/21 17:30:00	8.66	24.72					7.837404599	94.9287762			-0.82	-9.50	Poor
5413	07/22/21 18:00:00	8.71	24.70					7.886746648	95.49105549			-0.82	-9.45	Poor
5414	07/22/21 18:30:00	8.64	24.72					7.827421484	94.807858			-0.81	-9.40	Poor
5415	07/22/21 19:00:00	8.64	24.70					7.831480047	94.82189921			-0.81	-9.36	Poor
5416	07/22/21 19:30:00	8.67	24.70					7.862745342	95.20045277			-0.81	-9.31	Poor
5417	07/22/21 20:00:00	8.43	24.68					7.649051409	92.5787957			-0.78	-9.26	Poor
5418	07/22/21 20:30:00	8.72	24.66					7.916282179	95.77767957			-0.80	-9.22	Fair
5419	07/22/21 21:00:00	8.30	24.64					7.53889221	91.17790937			-0.76	-9.17	Fair
5420	07/22/21 21:30:00	8.43	24.62					7.660931163	92.61954894			-0.77	-9.12	Fair
5421	07/22/21 22:00:00	8.54	24.60					7.764907453	93.84180335			-0.78	-9.08	Fair
5422	07/22/21 22:30:00	8.66	24.58					7.878084181	95.17427816			-0.78	-9.03	Fair
5423	07/22/21 23:00:00	8.03	24.56					7.308739223	88.26332997			-0.72	-8.98	Fair
5424	07/22/21 23:30:00	7.95	24.52				8.327	7.239659327	87.36421287		7.294	-0.71	-8.94	Fair
5425	07/23/21 00:00:00	7.68	24.52	7.51	8.39	7.63854		6.997391716	84.44066107	7.045		-0.68	-8.89	Fair
5426	07/23/21 00:30:00	7.61	24.50					6.937188136	83.6830768			-0.67	-8.84	Fair
5427	07/23/21 01:00:00	7.59	24.48					6.922521702	83.47514371			-0.67	-8.79	Fair
5428	07/23/21 01:30:00	7.57	24.44					6.907836479	83.23617683			-0.66	-8.75	Fair
5429	07/23/21 02:00:00	7.58	24.42					6.920522396	83.35804062			-0.66	-8.70	Fair
5430	07/23/21 02:30:00	7.57	24.38					6.914948359	83.22896775			-0.66	-8.65	Fair
5431	07/23/21 03:00:00	7.58	24.34					6.927643671	83.31973317			-0.65	-8.61	Fair
5432	07/23/21 03:30:00	7.56	24.30					6.912916171	83.08070924			-0.65	-8.56	Fair
5433	07/23/21 04:00:00	7.59	24.24					6.943913713	83.3600054			-0.65	-8.51	Fair
5434	07/23/21 04:30:00	7.58	24.20					6.938325585	83.23082563			-0.64	-8.47	Fair
5435	07/23/21 05:00:00	7.58	24.16					6.941886222	83.21142128			-0.64	-8.42	Fair
5436	07/23/21 05:30:00	7.56	24.12					6.927121143	82.97245977			-0.63	-8.37	Fair
5437	07/23/21 06:00:00	7.58	24.08					6.949007498	83.17245267			-0.63	-8.32	Fair
5438	07/23/21 06:30:00	7.56	24.06					6.934223629	82.96449503			-0.63	-8.28	Fair
5439	07/23/21 07:00:00	7.52	24.02					6.901067068	82.50607782			-0.62	-8.23	Fair
5440	07/23/21 07:30:00	7.54	23.98					6.922962818	82.7059525			-0.62	-8.18	Fair
5441	07/23/21 08:00:00	7.53	23.96					6.91731832	82.60759841			-0.61	-8.14	Fair
5442	07/23/21 08:30:00	7.56	23.96					6.9484286	82.9791218			-0.61	-8.09	Fair
5443	07/23/21 09:00:00	7.57	23.96					6.961175584	83.13134808			-0.61	-8.04	Fair

5444	07/23/21 09:30:00	7.58	23.96					6.973931962	83.28368657			-0.61	-8.00	Fair
5445	07/23/21 10:00:00	7.56	23.96					6.959082329	83.10635014			-0.60	-7.95	Fair
5446	07/23/21 10:30:00	7.51	23.98					6.916584408	82.62975211			-0.59	-7.90	Fair
5447	07/23/21 11:00:00	7.53	24.00					6.938541224	82.9230806			-0.59	-7.85	Fair
5448	07/23/21 11:30:00	7.54	24.02					6.951297602	83.10661167			-0.59	-7.81	Fair
5449	07/23/21 12:00:00	7.55	24.08					6.964063376	83.352656			-0.59	-7.76	Fair
5450	07/23/21 12:30:00	7.55	24.14					6.967609921	83.48859796			-0.58	-7.71	Fair
5451	07/23/21 13:00:00	7.54	24.18					6.961923147	83.48274798			-0.58	-7.67	Fair
5452	07/23/21 13:30:00	7.55	24.26					6.974703012	83.76083802			-0.58	-7.62	Fair
5453	07/23/21 14:00:00	7.54	24.30					6.969006843	83.75481734			-0.57	-7.57	Fair
5454	07/23/21 14:30:00	7.53	24.34					6.963301279	83.74859217			-0.57	-7.53	Fair
5455	07/23/21 15:00:00	7.55	24.36					6.985342649	84.04496209			-0.56	-7.48	Fair
5456	07/23/21 15:30:00	7.53	24.40					6.97037558	83.92730854			-0.56	-7.43	Fair
5457	07/23/21 16:00:00	7.53	24.42					6.973912731	84.00112989			-0.56	-7.38	Fair
5458	07/23/21 16:30:00	7.53	24.46					6.977449882	84.10623871			-0.55	-7.34	Fair
5459	07/23/21 17:00:00	7.54	24.48					6.990257931	84.29194021			-0.55	-7.29	Fair
5460	07/23/21 17:30:00	7.54	24.48					6.99379978	84.33464954			-0.55	-7.24	Fair
5461	07/23/21 18:00:00	7.53	24.50					6.988061334	84.29675854			-0.54	-7.20	Fair
5462	07/23/21 18:30:00	7.52	24.52					6.982313493	84.25870539			-0.54	-7.15	Fair
5463	07/23/21 19:00:00	7.51	24.50					6.976556258	84.15797317			-0.53	-7.10	Fair
5464	07/23/21 19:30:00	7.66	24.48					7.119499806	85.85040178			-0.54	-7.06	Fair
5465	07/23/21 20:00:00	8.27	24.42					7.690342121	92.63055796			-0.58	-7.01	Fair
5466	07/23/21 20:30:00	8.39	24.38					7.805872252	93.95221139			-0.58	-6.96	Fair
5467	07/23/21 21:00:00	8.06	24.36					7.502633593	90.26880822			-0.56	-6.92	Fair
5468	07/23/21 21:30:00	8.30	24.32					7.729935926	92.93440748			-0.57	-6.87	Fair
5469	07/23/21 22:00:00	8.06	24.32					7.51020582	90.29266666			-0.55	-6.82	Fair
5470	07/23/21 22:30:00	7.88	24.28					7.346185662	88.25493978			-0.53	-6.77	Fair
5471	07/23/21 23:00:00	7.71	24.28					7.191323665	86.39447276			-0.52	-6.73	Fair
5472	07/23/21 23:30:00	7.65	24.26				8.243	7.138953577	85.73336143		7.228	-0.51	-6.68	Fair
5473	07/24/21 00:00:00	7.62	24.24	7.51	7.67	7.61813		7.114537108	85.408298	7.197		-0.51	-6.63	Fair
5474	07/24/21 00:30:00	7.62	24.22					7.118116535	85.41941448			-0.50	-6.59	Good
5475	07/24/21 01:00:00	7.62	24.20					7.121695963	85.43050159			-0.50	-6.54	Good
5476	07/24/21 01:30:00	7.61	24.18					7.115924635	85.32943131			-0.49	-6.49	Good
5477	07/24/21 02:00:00	7.62	24.14					7.128854817	85.4206967			-0.49	-6.45	Good
5478	07/24/21 02:30:00	7.62	24.12					7.132434245	85.4316824			-0.49	-6.40	Good
5479	07/24/21 03:00:00	7.62	24.08					7.136013672	85.4107237			-0.48	-6.35	Good
5480	07/24/21 03:30:00	7.62	24.06					7.139593099	85.42163737			-0.48	-6.30	Good
5481	07/24/21 04:00:00	7.62	24.02					7.143172527	85.40058263			-0.48	-6.26	Good
5482	07/24/21 04:30:00	7.61	24.00					7.137373015	85.29933579			-0.47	-6.21	Good
5483	07/24/21 05:00:00	7.62	23.98					7.150331382	85.42223657			-0.47	-6.16	Good
5484	07/24/21 05:30:00	7.61	23.96					7.144522475	85.32090271			-0.47	-6.12	Good
5485	07/24/21 06:00:00	7.59	23.92					7.129311141	85.07551656			-0.46	-6.07	Good
5486	07/24/21 06:30:00	7.57	23.86					7.114081018	84.79840112			-0.46	-6.02	Good
5487	07/24/21 07:00:00	7.57	23.84					7.117636958	84.80898618			-0.45	-5.98	Good
5488	07/24/21 07:30:00	7.59	23.80					7.140007146	85.01174032			-0.45	-5.93	Good
5489	07/24/21 08:00:00	7.62	23.78					7.171807946	85.3583381			-0.45	-5.88	Good
5490	07/24/21 08:30:00	7.58	23.78					7.137721298	84.95264129			-0.44	-5.83	Good
5491	07/24/21 09:00:00	7.60	23.78					7.160124368	85.21928101			-0.44	-5.79	Good
5492	07/24/21 09:30:00	7.56	23.78					7.125990746	84.81302511			-0.43	-5.74	Good
5493	07/24/21 10:00:00	7.60	23.80					7.167264433	85.33627633			-0.43	-5.69	Good
5494	07/24/21 10:30:00	7.57	23.82					7.14252854	85.07366798			-0.43	-5.65	Good
5495	07/24/21 11:00:00	7.51	23.82					7.089444445	84.44139067			-0.42	-5.60	Good
5496	07/24/21 11:30:00	7.55	23.84					7.130751014	84.96524447			-0.42	-5.55	Good
5497	07/24/21 12:00:00	7.61	23.88					7.190993964	85.74731928			-0.42	-5.51	Good
5498	07/24/21 12:30:00	7.61	23.90					7.194568694	85.82209541			-0.42	-5.46	Good
5499	07/24/21 13:00:00	7.64	23.96					7.226519811	86.30012655			-0.41	-5.41	Good
5500	07/24/21 13:30:00	7.65	24.00					7.239572126	86.52072583			-0.41	-5.37	Good
5501	07/24/21 14:00:00	7.59	24.00					7.186356503	85.88474151			-0.40	-5.32	Good
5502	07/24/21 14:30:00	7.62	24.04					7.218340502	86.33153254			-0.40	-5.27	Good
5503	07/24/21 15:00:00	7.63	24.08					7.231397514	86.55236992			-0.40	-5.22	Good
5504	07/24/21 15:30:00	7.67	24.16					7.27291077	87.17936633			-0.40	-5.18	Good
5505	07/24/21 16:00:00	7.66	24.22					7.267026704	87.20637868			-0.39	-5.13	Good
5506	07/24/21 16:30:00	7.62	24.24					7.232658211	86.82631329			-0.39	-5.08	Good
5507	07/24/21 17:00:00	7.66	24.28					7.274223138	87.39040293			-0.39	-5.04	Good
5508	07/24/21 17:30:00	7.65	24.32					7.268320283	87.38455859			-0.38	-4.99	Good
5509	07/24/21 18:00:00	7.64	24.34					7.262408033	87.34599067			-0.38	-4.94	Good
5510	07/24/21 18:30:00	7.61	24.38					7.237465454	87.11081379			-0.37	-4.90	Good
5511	07/24/21 19:00:00	7.64	24.40					7.269585677	87.52996924			-0.37	-4.85	Good
5512	07/24/21 19:30:00	7.66	24.44					7.292214223	87.86774766			-0.37	-4.80	Good
5513	07/24/21 20:00:00	7.66	24.48					7.29581244	87.97646554			-0.36	-4.75	Good
5514	07/24/21 20:30:00	7.65	24.52					7.289881401	87.97026514			-0.36	-4.71	Good
5515	07/24/21 21:00:00	7.63	24.56					7.274407012	87.84872012			-0.36	-4.66	Good
5516	07/24/21 21:30:00	7.63	24.60					7.277991137	87.95723802			-0.35	-4.61	Good
5517	07/24/21 22:00:00	7.65	24.62					7.300661959	88.26394641			-0.35	-4.57	Good
5518	07/24/21 22:30:00	7.65	24.64					7.304255479	88.34013348			-0.35	-4.52	Good
5519	07/24/21 23:00:00	7.67	24.66					7.326954486	88.64750941			-0.34	-4.47	Good
5520	07/24/21 23:30:00	7.65	24.66				8.198	7.311442518	88.45983289		7.250	-0.34	-4.43	Good
5521	07/25/21 00:00:00	7.63	24.68	7.63	7.75	7.69604		7.295911761	88.30463913	7.444		-0.33	-4.38	Good
5522	07/25/21 00:30:00	7.68	24.68					7.347330066	88.92697051			-0.33	-4.33	Good
5523	07/25/21 01:00:00	7.67	24.66					7.341366144	88.82187347			-0.33	-4.28	Good
5524	07/25/21 01:30:00	7.68	24.66					7.354545289	88.98132559			-0.33	-4.24	Good
5525	07/25/21 02:00:00	7.70	24.64					7.377314758	89.22373707			-0.32	-4.19	Good
5526	07/25/21 02:30:00	7.71	24.62					7.39051739	89.35028556			-0.32	-4.14	Good
5527	07/25/21 03:00:00	7.71	24.60					7.394139094	89.36092942			-0.32	-4.10	Good
5528	07/25/21 03:30:00	7.72	24.58					7.407355819	89.48746002			-0.31	-4.05	Good
5529	07/25/21 04:00:00	7.71	24.54					7.401382502	89.34896213			-0.31	-4.00	Good
5530	07/25/21 04:30:00	7.68	24.52					7.37619096	89.01180127			-0.30	-3.96	Excellent
5531	07/25/21 05:00:00	7.68	24.52					7.379798572	89.05533594			-0.30	-3.91	Excellent
5532	07/25/21 05:30:00	7.69	24.50					7.393019994	89.1817618			-0.30	-3.86	Excellent
5533	07/25/21 06:00:00	7.70	24.48					7.406250811	89.30818529			-0.29	-3.81	Excellent
5534	07/25/21 06:30:00	7.70	24.48					7.409867818	89.35180092			-0.29	-3.77	Excellent
5535	07/25/21 07:00:00	7.68	24.46					7.39422902	89.13009789			-0.29	-3.72	Excellent
5536	07/25/21 07:30:00	7.70	24.44					7.417101831	89.37258452			-0.28	-3.67	Excellent
5537	07/25/21 08:00:00	7.70	24.44					7.420718838	89.41616775			-0.28	-3.63	Excellent
5538	07/25/21 08:30:00	7.72	24.42					7.443619834	89.65877558			-0.28	-3.58	Excellent
5539	07/25/21 09:00:00	7.70	24.42					7.427952851	89.47006599			-0.27	-3.53	Excellent
5540	07/25/21 09:30:00	7.70	24.40					7.431569858	89.48035141			-0.27	-3.49	Excellent
5541	07/25/21 10:00:00	7.72	24.38					7.454499038	89.72305039			-0.27	-3.44	Excellent
5542	07/25/21 10:30:00	7.72	24.38					7.45812544	89.76669809			-0.26	-3.39	Excellent
5543	07/25/21 11:00:00	7.68	24.34					7.423089914	89.27853399			-0.26	-3.35	Excellent
5544	07/25/21 11:30:00	7.66	24.34					7.407357168	89.08931406			-0.25	-3.30	Excellent
5545	07/25/21 12:00:00	7.69	24.34					7.439980015	89.48167357			-0.25	-3.25	Excellent
5546	07/25/21 12:30:00	7.72	24.36					7.472631046	89.90782908			-0.25	-3.20	Excellent
5547	07/25/21 13:00:00	7.69	24.36					7.447204633	89.60190825			-0.24	-3.16	Excellent
5548	07/25/21 13:30:00	7.71	24.46					7.47019488	90.045791			-0.24	-3.11	Excellent
5549	07/25/21 14:00:00	7.74	24.46					7.502897582	90.43998964			-0.24	-3.06	Excellent
5550	07/25/21 14:30:00	7.74	24.52					7.506533379	90.58470163			-0.23	-3.02	Excellent
5551	07/25/21 15:00:00	7.74	24.52					7.510169175	90.62857641			-0.23	-2.97	Excellent
5552	07/25/21 15:30:00	7.75	24.54					7.52351273	90.82330953			-0.23	-2.92	Excellent
5553	07/25/21 16:00:00	7.70	24.56					7.478590944	90.31452896			-0.22	-2.88	Excellent
5554	07/25/21 16:30:00	7.65	24.52					7.433622185	89.70484959			-0.22	-2.83	Excellent
5555	07/25/21 17:00:00	7.69	24.58					7.476103107	90.31798854			-0.21	-2.78	Excellent
5556	07/25/21 17:30:00	7.74	24.60					7.528348156	90.98289601			-0.21	-2.73	Excellent
5557	07/25/21 18:00:00	7.74	24.64					7.531983953	91.09435857			-0.21	-2.69	Excellent
5558	07/25/21 18:30:00	7.73	24.66					7.525883806	91.05431961			-0.20	-2.64	Excellent
5559	07/25/21 19:00:00	7.70	24.66					7.500292984	90.74470084			-0.20	-2.59	Excellent

5560	07/25/21 19:30:00	7.69	24.64					7.494164654	90.63695919			-0.20	-2.55	Excellent
5561	07/25/21 20:00:00	7.65	24.66					7.458776823	90.24240423			-0.19	-2.50	Excellent
5562	07/25/21 20:30:00	7.71	24.66					7.520898737	90.99400615			-0.19	-2.45	Excellent
5563	07/25/21 21:00:00	7.69	24.68					7.505001581	90.83531682			-0.18	-2.41	Excellent
5564	07/25/21 21:30:00	7.67	24.68					7.489085636	90.64268129			-0.18	-2.36	Excellent
5565	07/25/21 22:00:00	7.67	24.70					7.49268855	90.71988363			-0.18	-2.31	Excellent
5566	07/25/21 22:30:00	7.65	24.72					7.476744421	90.56036203			-0.17	-2.26	Excellent
5567	07/25/21 23:00:00	7.66	24.72					7.49011616	90.72232417			-0.17	-2.22	Excellent
5568	07/25/21 23:30:00	7.65	24.74				8.172	7.48393146	90.68097502		7.339	-0.17	-2.17	Excellent
5569	07/26/21 00:00:00	7.64	24.76	7.44	7.75	7.61167		7.477737365	90.63945939	7.534		-0.16	-2.12	Excellent
5570	07/26/21 00:30:00	7.64	24.78					7.481326187	90.71651604			-0.16	-2.08	Excellent
5571	07/26/21 01:00:00	7.64	24.78					7.484915009	90.76003311			-0.16	-2.03	Excellent
5572	07/26/21 01:30:00	7.64	24.80					7.488503832	90.83714092			-0.15	-1.98	Excellent
5573	07/26/21 02:00:00	7.63	24.80					7.48228625	90.76172033			-0.15	-1.94	Excellent
5574	07/26/21 02:30:00	7.61	24.80					7.466248172	90.56717504			-0.14	-1.89	Excellent
5575	07/26/21 03:00:00	7.60	24.80					7.460007103	90.49146955			-0.14	-1.84	Excellent
5576	07/26/21 03:30:00	7.61	24.80					7.473397632	90.65389951			-0.14	-1.80	Excellent
5577	07/26/21 04:00:00	7.59	24.80					7.457321975	90.45889837			-0.13	-1.75	Excellent
5578	07/26/21 04:30:00	7.60	24.80					7.470717201	90.62138531			-0.13	-1.70	Excellent
5579	07/26/21 05:00:00	7.58	24.80					7.454618056	90.42609927			-0.13	-1.65	Excellent
5580	07/26/21 05:30:00	7.59	24.80					7.46801798	90.58864319			-0.12	-1.61	Excellent
5581	07/26/21 06:00:00	7.60	24.78					7.481427298	90.71774208			-0.12	-1.56	Excellent
5582	07/26/21 06:30:00	7.58	24.78					7.46529997	90.5221865			-0.11	-1.51	Excellent
5583	07/26/21 07:00:00	7.59	24.78					7.478713985	90.68484119			-0.11	-1.47	Excellent
5584	07/26/21 07:30:00	7.61	24.78					7.501995472	90.96714613			-0.11	-1.42	Excellent
5585	07/26/21 08:00:00	7.59	24.78					7.485844656	90.77130575			-0.10	-1.37	Excellent
5586	07/26/21 08:30:00	7.62	24.78					7.519012402	91.17348877			-0.10	-1.33	Excellent
5587	07/26/21 09:00:00	7.63	24.80					7.532463997	91.37038705			-0.10	-1.28	Excellent
5588	07/26/21 09:30:00	7.63	24.82					7.536048122	91.44767013			-0.09	-1.23	Excellent
5589	07/26/21 10:00:00	7.62	24.82					7.529750684	91.37125262			-0.09	-1.18	Excellent
5590	07/26/21 10:30:00	7.64	24.84					7.553102631	91.68850775			-0.09	-1.14	Excellent
5591	07/26/21 11:00:00	7.63	24.84					7.546800496	91.61200496			-0.08	-1.09	Excellent
5592	07/26/21 11:30:00	7.66	24.90					7.580071585	92.11792817			-0.08	-1.04	Excellent
5593	07/26/21 12:00:00	7.64	24.94					7.563869098	91.98892042			-0.08	-1.00	Excellent
5594	07/26/21 12:30:00	7.67	25.00					7.597173069	92.49626415			-0.07	-0.95	Excellent
5595	07/26/21 13:00:00	7.68	25.10					7.610685731	92.83166649			-0.07	-0.90	Excellent
5596	07/26/21 13:30:00	7.67	25.14					7.604378898	92.8230564			-0.07	-0.86	Excellent
5597	07/26/21 14:00:00	7.70	25.22					7.637739238	93.36754086			-0.06	-0.81	Excellent
5598	07/26/21 14:30:00	7.68	25.30					7.621508566	93.3061554			-0.06	-0.76	Excellent
5599	07/26/21 15:00:00	7.71	25.36					7.654901788	93.81822268			-0.06	-0.71	Excellent
5600	07/26/21 15:30:00	7.72	25.44					7.668456726	94.12230605			-0.05	-0.67	Excellent
5601	07/26/21 16:00:00	7.71	25.48					7.662145196	94.11377715			-0.05	-0.62	Excellent
5602	07/26/21 16:30:00	7.75	25.54					7.705537416	94.75077799			-0.04	-0.57	Excellent
5603	07/26/21 17:00:00	7.73	25.62					7.689283257	94.68934772			-0.04	-0.53	Excellent
5604	07/26/21 17:30:00	7.66	25.48					7.62325019	93.63603157			-0.04	-0.48	Excellent
5605	07/26/21 18:00:00	7.65	25.34					7.616891686	93.31812288			-0.03	-0.43	Excellent
5606	07/26/21 18:30:00	7.59	25.26					7.560716694	92.4939396			-0.03	-0.39	Excellent
5607	07/26/21 19:00:00	7.57	25.22					7.544349797	92.22590167			-0.03	-0.34	Excellent
5608	07/26/21 19:30:00	7.54	25.20					7.517993297	91.86992265			-0.02	-0.29	Excellent
5609	07/26/21 20:00:00	7.54	25.18					7.521535145	91.87940708			-0.02	-0.24	Excellent
5610	07/26/21 20:30:00	7.51	25.16					7.495136369	91.52325704			-0.01	-0.20	Excellent
5611	07/26/21 21:00:00	7.48	25.12					7.468709408	91.13345219			-0.01	-0.15	Excellent
5612	07/26/21 21:30:00	7.48	25.12					7.472223071	91.17632604			-0.01	-0.10	Excellent
5613	07/26/21 22:00:00	7.51	25.12					7.505719636	91.58505229			0.00	-0.06	Excellent
5614	07/26/21 22:30:00	7.49	25.10					7.489249396	91.35044158			0.00	-0.01	Excellent
5615	07/26/21 23:00:00	7.47	25.08					7.472760367	91.11575263			0.00	0.04	Excellent
5616	07/26/21 23:30:00	7.44	25.02				8.070	7.446244155	90.69212376		7.414	0.01	0.08	Excellent
5617	07/27/21 00:00:00	7.42	25.00	7.36	7.98	7.58104		7.429712849	90.45742094	7.612		0.01	0.13	Excellent
5618	07/27/21 00:30:00	7.39	24.98					7.403144965	90.10071826			0.01	0.18	Excellent
5619	07/27/21 01:00:00	7.43	24.96					7.446706292	90.59745675			0.02	0.22	Excellent
5620	07/27/21 01:30:00	7.42	24.98					7.440169286	90.55132647			0.02	0.27	Excellent
5621	07/27/21 02:00:00	7.39	25.00					7.413559126	90.26074792			0.02	0.32	Excellent
5622	07/27/21 02:30:00	7.36	25.02					7.386920782	89.96959001			0.03	0.37	Excellent
5623	07/27/21 03:00:00	7.42	25.02					7.450625724	90.74548942			0.03	0.41	Excellent
5624	07/27/21 03:30:00	7.40	25.06					7.434019259	90.60999388			0.03	0.46	Excellent
5625	07/27/21 04:00:00	7.38	25.06					7.417394005	90.40735596			0.04	0.51	Excellent
5626	07/27/21 04:30:00	7.42	25.04					7.461082161	90.90634663			0.04	0.55	Excellent
5627	07/27/21 05:00:00	7.40	25.06					7.444447512	90.73709927			0.04	0.60	Excellent
5628	07/27/21 05:30:00	7.38	25.08					7.427794073	90.56747629			0.05	0.65	Excellent
5629	07/27/21 06:00:00	7.40	25.08					7.451399681	90.85530068			0.05	0.69	Excellent
5630	07/27/21 06:30:00	7.39	25.08					7.444801609	90.77485005			0.05	0.74	Excellent
5631	07/27/21 07:00:00	7.40	25.10					7.458351849	90.97356742			0.06	0.79	Excellent
5632	07/27/21 07:30:00	7.39	25.10					7.451744382	90.89297256			0.06	0.84	Excellent
5633	07/27/21 08:00:00	7.39	25.12					7.455215769	90.96880235			0.07	0.88	Excellent
5634	07/27/21 08:30:00	7.42	25.16					7.488965995	91.44791048			0.07	0.93	Excellent
5635	07/27/21 09:00:00	7.44	25.22					7.512646761	91.83834791			0.07	0.98	Excellent
5636	07/27/21 09:30:00	7.46	25.26					7.536346316	92.19580487			0.08	1.02	Excellent
5637	07/27/21 10:00:00	7.49	25.34					7.5701717	92.74573436			0.08	1.07	Excellent
5638	07/27/21 10:30:00	7.52	25.38					7.604025268	93.22887611			0.08	1.12	Excellent
5639	07/27/21 11:00:00	7.53	25.46					7.617674155	93.53327068			0.09	1.16	Excellent
5640	07/27/21 11:30:00	7.43	25.48					7.52	92.36781424			0.09	1.21	Excellent
5641	07/27/21 12:00:00	7.57	25.58					7.58	92.70880031			0.01	0.13	Excellent
5642	07/27/21 12:30:00	7.59	25.66					7.600159505	93.09130088			0.01	0.13	Excellent
5643	07/27/21 13:00:00	7.61	25.78					7.620319711	93.54276819			0.01	0.14	Excellent
5644	07/27/21 13:30:00	7.67	25.88					7.680535563	94.45381781			0.01	0.14	Excellent
5645	07/27/21 14:00:00	7.72	26.04					7.730739608	95.34817132			0.01	0.14	Excellent
5646	07/27/21 14:30:00	7.77	26.18					7.780945406	96.2114612			0.01	0.14	Excellent
5647	07/27/21 15:00:00	7.81	26.28					7.821138695	96.88378093			0.01	0.14	Excellent
5648	07/27/21 15:30:00	7.88	26.40					7.8913767	97.96623794			0.01	0.14	Excellent
5649	07/27/21 16:00:00	7.94	26.46					7.951602546	98.82095018			0.01	0.15	Excellent
5650	07/27/21 16:30:00	7.85	26.40					7.861608675	97.59668755			0.01	0.15	Excellent
5651	07/27/21 17:00:00	7.89	26.40					7.901806172	98.09571297			0.01	0.15	Excellent
5652	07/27/21 17:30:00	7.93	26.42					7.942005073	98.63039223			0.01	0.15	Excellent
5653	07/27/21 18:00:00	7.98	26.44					7.99222069	99.28987629			0.01	0.15	Excellent
5654	07/27/21 18:30:00	7.94	26.40					7.952298655	98.72254385			0.01	0.15	Excellent
5655	07/27/21 19:00:00	7.89	26.32					7.902359553	97.96078049			0.01	0.16	Excellent
5656	07/27/21 19:30:00	7.83	26.26					7.842402857	97.1120217			0.01	0.16	Excellent
5657	07/27/21 20:00:00	7.79	26.20					7.802476088	96.51266425			0.01	0.16	Excellent
5658	07/27/21 20:30:00	7.71	26.14					7.722483153	95.41934936			0.01	0.16	Excellent
5659	07/27/21 21:00:00	7.68	26.06					7.692569243	94.91185363			0.01	0.16	Excellent
5660	07/27/21 21:30:00	7.60	25.98					7.612571574	93.78843663			0.01	0.17	Excellent
5661	07/27/21 22:00:00	7.56	25.94					7.572637966	93.2286241			0.01	0.17	Excellent
5662	07/27/21 22:30:00	7.56	25.90					7.572770525	93.16244447			0.01	0.17	Excellent
5663	07/27/21 23:00:00	7.54	25.90					7.552868949	92.91760944			0.01	0.17	Excellent
5664	07/27/21 23:30:00	7.51	25.88				7.971	7.522949428	92.51585243		7.502	0.01	0.17	Excellent
5665	07/28/21 00:00:00	7.49	25.84	7.39	8.30	7.69771		7.503046274	92.20391754	7.714		0.01	0.17	Excellent
5666	07/28/21 00:30:00	7.48	25.84					7.493160012	92.08242661			0.01	0.18	Excellent
5667	07/28/21 01:00:00	7.46	25.84					7.47325563	91.83782436			0.01	0.18	Excellent
5668	07/28/21 01:30:00	7.44	25.82					7.453350547	91.55985555			0.01	0.18	Excellent
5669	07/28/21 02:00:00	7.46	25.82					7.473517241	91.80759106			0.01	0.18	Excellent
5670	07/28/21 02:30:00	7.45	25.82					7.463629751	91.6861293			0.01	0.18	Excellent
5671	07/28/21 03:00:00	7.43	25.82					7.443723441	91.44159244			0.01	0.18	Excellent
5672	07/28/21 03:30:00	7.41	25.78					7.423816429	91.13060417			0.01	0.19	Excellent
5673	07/28/21 04:00:00	7.40	25.78					7.413927536	91.00921368			0.01	0.19	Excellent
5674	07/28/21 04:30:00	7.41	25.76					7.424076286	91.10057583			0.01	0.19	Excellent
5675	07/28/21 05:00:00	7.39	25.74					7.404167871	90.82315415			0.01	0.19	Excellent

5676	07/28/21 05:30:00	7.43	25.76					7.444374838	91.34965863			0.01	0.19	Excellent
5677	07/28/21 06:00:00	7.41	25.74					7.424466072	91.07214183			0.01	0.20	Excellent
5678	07/28/21 06:30:00	7.40	25.74					7.414576303	90.95082907			0.01	0.20	Excellent
5679	07/28/21 07:00:00	7.40	25.74					7.414706056	90.95242069			0.01	0.20	Excellent
5680	07/28/21 07:30:00	7.39	25.72					7.404815761	90.79797524			0.01	0.20	Excellent
5681	07/28/21 08:00:00	7.40	25.76					7.414965563	90.98877847			0.01	0.20	Excellent
5682	07/28/21 08:30:00	7.39	25.78					7.405074917	90.9005439			0.02	0.20	Excellent
5683	07/28/21 09:00:00	7.42	25.82					7.435266219	91.33770064			0.02	0.21	Excellent
5684	07/28/21 09:30:00	7.43	25.88					7.445417072	91.56237373			0.02	0.21	Excellent
5685	07/28/21 10:00:00	7.47	25.94					7.485631052	92.1574604			0.02	0.21	Excellent
5686	07/28/21 10:30:00	7.52	26.02					7.535867535	92.91093211			0.02	0.21	Excellent
5687	07/28/21 11:00:00	7.55	26.12					7.56606322	93.45271046			0.02	0.21	Excellent
5688	07/28/21 11:30:00	7.60	26.22					7.616302859	94.24394047			0.02	0.21	Excellent
5689	07/28/21 12:00:00	7.65	26.28					7.666544252	94.96875362			0.02	0.22	Excellent
5690	07/28/21 12:30:00	7.75	26.38					7.766896407	96.38604963			0.02	0.22	Excellent
5691	07/28/21 13:00:00	7.81	26.52					7.82716416	97.37985569			0.02	0.22	Excellent
5692	07/28/21 13:30:00	7.86	26.64					7.877411865	98.21724288			0.02	0.22	Excellent
5693	07/28/21 14:00:00	7.92	26.74					7.937683651	99.14703473			0.02	0.22	Excellent
5694	07/28/21 14:30:00	7.93	26.80					7.947845025	99.3811194			0.02	0.23	Excellent
5695	07/28/21 15:00:00	8.03	26.90					8.048210857	100.817035			0.02	0.23	Excellent
5696	07/28/21 15:30:00	8.17	27.02					8.188671611	102.7975472			0.02	0.23	Excellent
5697	07/28/21 16:00:00	8.30	27.12					8.319114246	104.6222803			0.02	0.23	Excellent
5698	07/28/21 16:30:00	8.30	27.18					8.31925978	104.7364769			0.02	0.23	Excellent
5699	07/28/21 17:00:00	8.22	27.10					8.239218275	103.5804098			0.02	0.23	Excellent
5700	07/28/21 17:30:00	8.06	27.00					8.078985523	101.3842386			0.02	0.24	Excellent
5701	07/28/21 18:00:00	8.06	27.00					8.079126848	101.3860121			0.02	0.24	Excellent
5702	07/28/21 18:30:00	8.23	27.10					8.249674575	103.7118625			0.02	0.24	Excellent
5703	07/28/21 19:00:00	8.30	27.22					8.319987451	104.8205729			0.02	0.24	Excellent
5704	07/28/21 19:30:00	8.17	27.14					8.189817649	103.0330985			0.02	0.24	Excellent
5705	07/28/21 20:00:00	7.99	27.06					8.009521129	100.6206436			0.02	0.24	Excellent
5706	07/28/21 20:30:00	7.87	26.98					7.88936594	98.9691841			0.02	0.25	Excellent
5707	07/28/21 21:00:00	7.81	26.94					7.829355238	98.14593432			0.02	0.25	Excellent
5708	07/28/21 21:30:00	7.76	26.90					7.779367391	97.44932985			0.02	0.25	Excellent
5709	07/28/21 22:00:00	7.74	26.88					7.75945319	97.16497865			0.02	0.25	Excellent
5710	07/28/21 22:30:00	7.71	26.88					7.729512979	96.79006306			0.02	0.25	Excellent
5711	07/28/21 23:00:00	7.65	26.84					7.669495264	95.96954486			0.02	0.25	Excellent
5712	07/28/21 23:30:00	7.57	26.82				7.786	7.589424126	94.9334835		7.477	0.02	0.26	Excellent
5713	07/29/21 00:00:00	7.51	26.80	7.16	7.51	7.29854		7.529401852	94.14883934	7.320		0.02	0.26	Excellent
5714	07/29/21 00:30:00	7.49	26.78					7.509481514	93.86599862			0.02	0.26	Excellent
5715	07/29/21 01:00:00	7.45	26.78					7.469508104	93.36634441			0.02	0.26	Excellent
5716	07/29/21 01:30:00	7.46	26.76					7.479665095	93.45968683			0.02	0.26	Excellent
5717	07/29/21 02:00:00	7.43	26.74					7.449716292	93.05199255			0.02	0.27	Excellent
5718	07/29/21 02:30:00	7.39	26.74					7.409739726	92.55265821			0.02	0.27	Excellent
5719	07/29/21 03:00:00	7.38	26.72					7.399842417	92.39578239			0.02	0.27	Excellent
5720	07/29/21 03:30:00	7.35	26.72					7.369890633	92.02179896			0.02	0.27	Excellent
5721	07/29/21 04:00:00	7.32	26.70					7.339937798	91.61482283			0.02	0.27	Excellent
5722	07/29/21 04:30:00	7.33	26.70					7.350093561	91.74158391			0.02	0.27	Excellent
5723	07/29/21 05:00:00	7.33	26.70					7.350222087	91.74318814			0.02	0.28	Excellent
5724	07/29/21 05:30:00	7.33	26.70					7.350350613	91.74479236			0.02	0.28	Excellent
5725	07/29/21 06:00:00	7.29	26.70					7.310367384	91.24573411			0.02	0.28	Excellent
5726	07/29/21 06:30:00	7.25	26.70					7.270382752	90.74665836			0.02	0.28	Excellent
5727	07/29/21 07:00:00	7.21	26.68					7.230396717	90.21508069			0.02	0.28	Excellent
5728	07/29/21 07:30:00	7.21	26.68					7.230523139	90.21665808			0.02	0.28	Excellent
5729	07/29/21 08:00:00	7.21	26.68					7.230649561	90.21823547			0.02	0.29	Excellent
5730	07/29/21 08:30:00	7.21	26.68					7.230775982	90.21981286			0.02	0.29	Excellent
5731	07/29/21 09:00:00	7.17	26.66					7.190786441	89.68855197			0.02	0.29	Excellent
5732	07/29/21 09:30:00	7.17	26.66					7.190912161	89.69012004			0.02	0.29	Excellent
5733	07/29/21 10:00:00	7.18	26.68					7.201067223	89.84913083			0.02	0.29	Excellent
5734	07/29/21 10:30:00	7.16	26.66					7.181134085	89.56816099			0.02	0.30	Excellent
5735	07/29/21 11:00:00	7.21	26.68					7.231408092	90.22769981			0.02	0.30	Excellent
5736	07/29/21 11:30:00	7.21	26.70					7.231534513	90.26176672			0.02	0.30	Excellent
5737	07/29/21 12:00:00	7.22	26.72					7.241690978	90.42107468			0.02	0.30	Excellent
5738	07/29/21 12:30:00	7.21	26.72					7.231787357	90.29741626			0.02	0.30	Excellent
5739	07/29/21 13:00:00	7.18	26.74					7.201822598	89.95563274			0.02	0.30	Excellent
5740	07/29/21 13:30:00	7.20	26.74					7.222009632	90.20778243			0.02	0.31	Excellent
5741	07/29/21 14:00:00	7.20	26.74					7.222135878	90.20935934			0.02	0.31	Excellent
5742	07/29/21 14:30:00	7.21	26.76					7.232293045	90.36873102			0.02	0.31	Excellent
5743	07/29/21 15:00:00	7.24	26.78					7.262512751	90.77897198			0.02	0.31	Excellent
5744	07/29/21 15:30:00	7.22	26.78					7.242577159	90.52978376			0.02	0.31	Excellent
5745	07/29/21 16:00:00	7.22	26.80					7.242703756	90.56392071			0.02	0.31	Excellent
5746	07/29/21 16:30:00	7.25	26.82					7.272925216	90.97450802			0.02	0.32	Excellent
5747	07/29/21 17:00:00	7.27	26.86					7.293115932	91.29264393			0.02	0.32	Excellent
5748	07/29/21 17:30:00	7.30	26.88					7.323339321	91.70389863			0.02	0.32	Excellent
5749	07/29/21 18:00:00	7.38	26.94					7.403724497	92.81038298			0.02	0.32	Excellent
5750	07/29/21 18:30:00	7.37	26.96					7.393821577	92.71950175			0.02	0.32	Excellent
5751	07/29/21 19:00:00	7.39	26.96					7.4140158	92.97273998			0.02	0.32	Excellent
5752	07/29/21 19:30:00	7.35	26.96					7.374014686	92.47112071			0.02	0.33	Excellent
5753	07/29/21 20:00:00	7.33	26.94					7.354077865	92.18803097			0.02	0.33	Excellent
5754	07/29/21 20:30:00	7.35	26.94					7.374272439	92.44118275			0.02	0.33	Excellent
5755	07/29/21 21:00:00	7.40	26.96					7.424567311	93.10505732			0.02	0.33	Excellent
5756	07/29/21 21:30:00	7.36	26.96					7.384563566	92.60340507			0.02	0.33	Excellent
5757	07/29/21 22:00:00	7.36	26.96					7.384692618	92.6050234			0.02	0.34	Excellent
5758	07/29/21 22:30:00	7.36	26.96					7.38482167	92.60664173			0.02	0.34	Excellent
5759	07/29/21 23:00:00	7.36	26.96					7.384950722	92.60826006			0.02	0.34	Excellent
5760	07/29/21 23:30:00	7.35	26.96				7.592	7.375045699	92.48404975		7.409	0.03	0.34	Excellent
5761	07/30/21 00:00:00	7.36	26.96	7.14	7.90	7.50771		7.385208826	92.61149672	7.537		0.03	0.34	Excellent
5762	07/30/21 00:30:00	7.34	26.98					7.365269025	92.39458173			0.03	0.34	Excellent
5763	07/30/21 01:00:00	7.35	26.98					7.375432329	92.52207662			0.03	0.35	Excellent
5764	07/30/21 01:30:00	7.31	26.98					7.335422097	92.02016303			0.03	0.35	Excellent
5765	07/30/21 02:00:00	7.32	26.96					7.345585224	92.1146115			0.03	0.35	Excellent
5766	07/30/21 02:30:00	7.33	26.96					7.355748703	92.24206286			0.03	0.35	Excellent
5767	07/30/21 03:00:00	7.28	26.96					7.305700713	91.61445444			0.03	0.35	Excellent
5768	07/30/21 03:30:00	7.27	26.94					7.295792884	91.45739175			0.03	0.35	Excellent
5769	07/30/21 04:00:00	7.26	26.94					7.285884704	91.33318643			0.03	0.36	Excellent
5770	07/30/21 04:30:00	7.21	26.94					7.235832856	90.70575477			0.03	0.36	Excellent
5771	07/30/21 05:00:00	7.14	26.94					7.165707246	89.82668576			0.03	0.36	Excellent
5772	07/30/21 05:30:00	7.22	26.92					7.24612188	90.80214342			0.03	0.36	Excellent
5773	07/30/21 06:00:00	7.19	26.92					7.216139411	90.42642901			0.03	0.36	Excellent
5774	07/30/21 06:30:00	7.21	26.92					7.236338543	90.6795471			0.03	0.37	Excellent
5775	07/30/21 07:00:00	7.21	26.92					7.236464965	90.68113131			0.03	0.37	Excellent
5776	07/30/21 07:30:00	7.22	26.92					7.246628268	90.80848905			0.03	0.37	Excellent
5777	07/30/21 08:00:00	7.28	26.92					7.306977205	91.56472982			0.03	0.37	Excellent
5778	07/30/21 08:30:00	7.34	26.94					7.367328246	92.35413289			0.03	0.37	Excellent
5779	07/30/21 09:00:00	7.36	26.94					7.387531762	92.60739678			0.03	0.37	Excellent
5780	07/30/21 09:30:00	7.35	26.98					7.377623231	92.54956069			0.03	0.38	Excellent
5781	07/30/21 10:00:00	7.44	27.02					7.46809193	93.75165704			0.03	0.38	Excellent
5782	07/30/21 10:30:00	7.46	27.06					7.488298251	94.07271388			0.03	0.38	Excellent
5783	07/30/21 11:00:00	7.46	27.10					7.488429056	94.14176496			0.03	0.38	Excellent
5784	07/30/21 11:30:00	7.52	27.12					7.548789566	94.9345753			0.03	0.38	Excellent
5785	07/30/21 12:00:00	7.60	27.18					7.629229098	96.04923979			0.03	0.38	Excellent
5786	07/30/21 12:30:00	7.59	27.24					7.619323723	96.02747593			0.03	0.39	Excellent
5787	07/30/21 13:00:00	7.71	27.28					7.739922529	97.61713068			0.03	0.39	Excellent
5788	07/30/21 13:30:00	7.74	27.32					7.770174674	98.06869115			0.03	0.39	Excellent
5789	07/30/21 14:00:00	7.51	27.32					7.539409692	95.15616722			0.03	0.39	Excellent
5790	07/30/21 14:30:00	7.59	27.34					7.619856063	96.20582987			0.03	0.39	Excellent
5791	07/30/21 15:00:00	7.66	27.34					7.690265727	97.09479945			0.03	0.40	Excellent

5792	07/30/21 15:30:00	7.71	27.36					7.740598473	97.76516709			0.03	0.40	Excellent
5793	07/30/21 16:00:00	7.65	27.36					7.68049449	97.00604284			0.03	0.40	Excellent
5794	07/30/21 16:30:00	7.76	27.36					7.791069038	98.40261951			0.03	0.40	Excellent
5795	07/30/21 17:00:00	7.66	27.38					7.690802976	97.17090248			0.03	0.40	Excellent
5796	07/30/21 17:30:00	7.78	27.38					7.811421946	98.69488562			0.03	0.40	Excellent
5797	07/30/21 18:00:00	7.87	27.38					7.901923433	99.83834376			0.03	0.41	Excellent
5798	07/30/21 18:30:00	7.90	27.36					7.932183644	100.1849227			0.03	0.41	Excellent
5799	07/30/21 19:00:00	7.86	27.34					7.892158508	99.64383218			0.03	0.41	Excellent
5800	07/30/21 19:30:00	7.83	27.32					7.862173059	99.22981836			0.03	0.41	Excellent
5801	07/30/21 20:00:00	7.76	27.30					7.792021498	98.30931574			0.03	0.41	Excellent
5802	07/30/21 20:30:00	7.75	27.28					7.782116124	98.149283			0.03	0.41	Excellent
5803	07/30/21 21:00:00	7.71	27.26					7.742085552	97.60953471			0.03	0.42	Excellent
5804	07/30/21 21:30:00	7.68	27.24					7.712095368	97.19669084			0.03	0.42	Excellent
5805	07/30/21 22:00:00	7.69	27.24					7.722271997	97.32494842			0.03	0.42	Excellent
5806	07/30/21 22:30:00	7.65	27.24					7.68223827	96.82039736			0.03	0.42	Excellent
5807	07/30/21 23:00:00	7.68	27.22					7.712499357	97.16704578			0.03	0.42	Excellent
5808	07/30/21 23:30:00	7.60	27.18				7.573	7.632294082	96.08782683		7.480	0.03	0.42	Excellent
5809	07/31/21 00:00:00	7.64	27.18	7.37	9.44	8.11708		7.672598013	96.59523877	8.155		0.03	0.43	Excellent
5810	07/31/21 00:30:00	7.63	27.16					7.662689131	96.43598691			0.03	0.43	Excellent
5811	07/31/21 01:00:00	7.61	27.14					7.642736881	96.15047554			0.03	0.43	Excellent
5812	07/31/21 01:30:00	7.53	27.12					7.562524768	95.10731102			0.03	0.43	Excellent
5813	07/31/21 02:00:00	7.55	27.10					7.582743539	95.32745181			0.03	0.43	Excellent
5814	07/31/21 02:30:00	7.53	27.08					7.562788834	95.04254846			0.03	0.44	Excellent
5815	07/31/21 03:00:00	7.51	27.08					7.542833427	94.79176628			0.03	0.44	Excellent
5816	07/31/21 03:30:00	7.50	27.06					7.532921214	94.63329562			0.03	0.44	Excellent
5817	07/31/21 04:00:00	7.46	27.06					7.49287644	94.13022797			0.03	0.44	Excellent
5818	07/31/21 04:30:00	7.40	27.04					7.432741772	93.3413298			0.03	0.44	Excellent
5819	07/31/21 05:00:00	7.43	27.04					7.463004788	93.72137666			0.03	0.44	Excellent
5820	07/31/21 05:30:00	7.43	27.02					7.463135067	93.68943042			0.03	0.45	Excellent
5821	07/31/21 06:00:00	7.38	27.02					7.413041488	93.06057421			0.03	0.45	Excellent
5822	07/31/21 06:30:00	7.37	27.00					7.403125944	92.90278894			0.03	0.45	Excellent
5823	07/31/21 07:00:00	7.38	27.00					7.413300294	93.03046817			0.03	0.45	Excellent
5824	07/31/21 07:30:00	7.45	27.00					7.48374678	93.91451028			0.03	0.45	Excellent
5825	07/31/21 08:00:00	7.37	27.00					7.403513626	92.90765401			0.03	0.45	Excellent
5826	07/31/21 08:30:00	7.43	26.98					7.463916743	93.63208095			0.03	0.46	Excellent
5827	07/31/21 09:00:00	7.47	27.00					7.504230318	94.17156086			0.03	0.46	Excellent
5828	07/31/21 09:30:00	7.48	27.02					7.514407298	94.33308299			0.03	0.46	Excellent
5829	07/31/21 10:00:00	7.54	27.04					7.5748155	95.12551001			0.03	0.46	Excellent
5830	07/31/21 10:30:00	7.43	27.06					7.464437861	93.77296465			0.03	0.46	Excellent
5831	07/31/21 11:00:00	7.52	27.10					7.554986866	94.97850517			0.03	0.47	Excellent
5832	07/31/21 11:30:00	7.68	27.16					7.71586593	97.10522417			0.04	0.47	Excellent
5833	07/31/21 12:00:00	7.93	27.22					7.967172488	100.3755823			0.04	0.47	Excellent
5834	07/31/21 12:30:00	7.98	27.28					8.01754679	101.1185719			0.04	0.47	Excellent
5835	07/31/21 13:00:00	8.07	27.32					8.108111751	102.3338523			0.04	0.47	Excellent
5836	07/31/21 13:30:00	8.16	27.38					8.198679869	103.587769			0.04	0.47	Excellent
5837	07/31/21 14:00:00	8.34	27.46					8.379679337	106.0257415			0.04	0.48	Excellent
5838	07/31/21 14:30:00	8.44	27.54					8.480303097	107.4518785			0.04	0.48	Excellent
5839	07/31/21 15:00:00	8.52	27.58					8.560834508	108.5495072			0.04	0.48	Excellent
5840	07/31/21 15:30:00	8.69	27.62					8.731801654	110.7961252			0.04	0.48	Excellent
5841	07/31/21 16:00:00	8.88	27.70					8.922871318	113.3816491			0.04	0.48	Excellent
5842	07/31/21 16:30:00	9.11	27.78					9.154141461	116.485682			0.04	0.48	Excellent
5843	07/31/21 17:00:00	9.28	27.86					9.325127894	118.8299389			0.05	0.49	Excellent
5844	07/31/21 17:30:00	9.40	27.90					9.445876266	120.453983			0.05	0.49	Excellent
5845	07/31/21 18:00:00	9.39	27.90					9.435992108	120.32794			0.05	0.49	Excellent
5846	07/31/21 18:30:00	9.44	27.88					9.486402531	120.9279146			0.05	0.49	Excellent
5847	07/31/21 19:00:00	9.42	27.84					9.466469393	120.5882893			0.05	0.49	Excellent
5848	07/31/21 19:30:00	9.25	27.78					9.295792965	118.2881855			0.05	0.50	Excellent
5849	07/31/21 20:00:00	9.16	27.72					9.205508025	117.0146283			0.05	0.50	Excellent
5850	07/31/21 20:30:00	9.04	27.68					9.08507036	115.4016817			0.05	0.50	Excellent
5851	07/31/21 21:00:00	8.83	27.60					8.874178199	112.5626731			0.04	0.50	Excellent
5852	07/31/21 21:30:00	8.64	27.50					8.683379088	109.9466801			0.04	0.50	Excellent
5853	07/31/21 22:00:00	8.53	27.44					8.572976375	108.4328229			0.04	0.50	Excellent
5854	07/31/21 22:30:00	8.57	27.40					8.613328174	108.8655442			0.04	0.51	Excellent
5855	07/31/21 23:00:00	8.49	27.36					8.533072576	107.7742592			0.04	0.51	Excellent
5856	07/31/21 23:30:00	8.34	27.28				7.644	8.382457812	105.7208876		7.617	0.04	0.51	Excellent
5857	08/01/21 00:00:00	8.20	27.24	7.47	8.20	7.72688		8.241888871	103.8737576	7.770		0.04	0.51	Excellent
5858	08/01/21 00:30:00	8.03	27.20					8.071161243	101.6493512			0.04	0.51	Excellent
5859	08/01/21 01:00:00	7.83	27.16					7.87027335	99.04846258			0.04	0.51	Excellent
5860	08/01/21 01:30:00	7.82	27.12					7.860359033	98.85291409			0.04	0.52	Excellent
5861	08/01/21 02:00:00	7.69	27.10					7.729822941	97.17647974			0.04	0.52	Excellent
5862	08/01/21 02:30:00	7.78	27.08					7.820425425	98.28030093			0.04	0.52	Excellent
5863	08/01/21 03:00:00	7.69	27.06					7.730092617	97.11028684			0.04	0.52	Excellent
5864	08/01/21 03:30:00	7.68	27.04					7.720175144	96.95095517			0.04	0.52	Excellent
5865	08/01/21 04:00:00	7.62	27.02					7.659994887	96.16073561			0.04	0.52	Excellent
5866	08/01/21 04:30:00	7.57	27.00					7.609865187	95.49718655			0.04	0.53	Excellent
5867	08/01/21 05:00:00	7.47	26.96					7.509469547	94.16974261			0.04	0.53	Excellent
5868	08/01/21 05:30:00	7.50	26.96					7.539759566	94.54958346			0.04	0.53	Excellent
5869	08/01/21 06:00:00	7.49	26.96					7.529837885	94.42516427			0.04	0.53	Excellent
5870	08/01/21 06:30:00	7.49	26.96					7.529969217	94.42681118			0.04	0.53	Excellent
5871	08/01/21 07:00:00	7.53	26.96					7.570314703	94.93274892			0.04	0.54	Excellent
5872	08/01/21 07:30:00	7.49	26.96					7.530231879	94.43010501			0.04	0.54	Excellent
5873	08/01/21 08:00:00	7.53	26.94					7.570578769	94.90200712			0.04	0.54	Excellent
5874	08/01/21 08:30:00	7.59	26.94					7.63103519	95.65986672			0.04	0.54	Excellent
5875	08/01/21 09:00:00	7.65	26.92					7.691493716	96.38315876			0.04	0.54	Excellent
5876	08/01/21 09:30:00	7.62	26.90					7.661464607	95.97240419			0.04	0.54	Excellent
5877	08/01/21 10:00:00	7.65	26.88					7.69176199	96.3173398			0.04	0.55	Excellent
5878	08/01/21 10:30:00	7.70	26.86					7.742169958	96.91374329			0.04	0.55	Excellent
5879	08/01/21 11:00:00	7.72	26.84					7.762414854	97.13226164			0.04	0.55	Excellent
5880	08/01/21 11:30:00	7.68	26.82					7.722329751	96.59595404			0.04	0.55	Excellent
5881	08/01/21 12:00:00	7.73	26.78					7.772740875	97.15665229			0.04	0.55	Excellent
5882	08/01/21 12:30:00	7.70	26.76					7.742710012	96.74647779			0.04	0.55	Excellent
5883	08/01/21 13:00:00	7.61	26.72					7.65234424	95.54856622			0.04	0.56	Excellent
5884	08/01/21 13:30:00	7.66	26.70					7.702756766	96.14341646			0.04	0.56	Excellent
5885	08/01/21 14:00:00	7.68	26.68					7.723003066	96.3614269			0.04	0.56	Excellent
5886	08/01/21 14:30:00	7.64	26.68					7.682913053	95.86121594			0.04	0.56	Excellent
5887	08/01/21 15:00:00	7.74	26.66					7.783610457	97.08267054			0.04	0.56	Excellent
5888	08/01/21 15:30:00	7.73	26.68					7.773689653	96.99385341			0.04	0.57	Excellent
5889	08/01/21 16:00:00	7.84	26.68					7.884448837	98.37581751			0.04	0.57	Excellent
5890	08/01/21 16:30:00	7.83	26.68					7.874529435	98.25205119			0.04	0.57	Excellent
5891	08/01/21 17:00:00	7.78	26.68					7.8243815	97.62634555			0.04	0.57	Excellent
5892	08/01/21 17:30:00	7.85	26.68					7.894918463	98.5064491			0.04	0.57	Excellent
5893	08/01/21 18:00:00	7.91	26.66					7.955400485	99.22535673			0.05	0.57	Excellent
5894	08/01/21 18:30:00	7.89	26.64					7.935424037	98.94055095			0.05	0.58	Excellent
5895	08/01/21 19:00:00	7.88	26.62					7.925504635	98.78127607			0.05	0.58	Excellent
5896	08/01/21 19:30:00	7.85	26.60					7.895469038	98.37146122			0.05	0.58	Excellent
5897	08/01/21 20:00:00	7.84	26.60					7.885548584	98.24786001			0.05	0.58	Excellent
5898	08/01/21 20:30:00	7.82	26.58					7.865569506	97.96361401			0.05	0.58	Excellent
5899	08/01/21 21:00:00	7.78	26.48					7.825472831	97.28855792			0.05	0.58	Excellent
5900	08/01/21 21:30:00	7.79	26.50					7.835667871	97.45047755			0.05	0.59	Excellent
5901	08/01/21 22:00:00	7.81	26.50					7.85592206	97.70237445			0.05	0.59	Excellent
5902	08/01/21 22:30:00	7.84	26.52					7.886235926	98.11478342			0.05	0.59	Excellent
5903	08/01/21 23:00:00	7.81	26.50					7.856195945	97.70578069			0.05	0.59	Excellent
5904	08/01/21 23:30:00	7.86	26.48				7.649	7.906629513	98.29752144		7.663	0.05	0.59	Excellent
5905	08/02/21 00:00:00	7.81	26.48	7.72	9.29	8.30958		7.85646983	97.67392164	8.363		0.05	0.60	Excellent
5906	08/02/21 00:30:00	7.75	26.44					7.796248718	96.85525472			0.05	0.60	Excellent
5907	08/02/21 01:00:00	7.81	26.42					7.856743715	97.57154612			0.05	0.60	Excellent

5908	08/02/21 01:30:00	7.86	26.38					7.907180789	98.12695832			0.05	0.60	Excellent
5909	08/02/21 02:00:00	7.85	26.36					7.897258407	97.96839371			0.05	0.60	Excellent
5910	08/02/21 02:30:00	7.88	26.34					7.927577182	98.30894714			0.05	0.60	Excellent
5911	08/02/21 03:00:00	7.80	26.32					7.847230932	97.27738425			0.05	0.61	Excellent
5912	08/02/21 03:30:00	7.83	26.32					7.877549882	97.65322998			0.05	0.61	Excellent
5913	08/02/21 04:00:00	7.80	26.30					7.847504466	97.24557846			0.05	0.61	Excellent
5914	08/02/21 04:30:00	7.87	26.28					7.918068782	98.08449526			0.05	0.61	Excellent
5915	08/02/21 05:00:00	7.81	26.26					7.857839254	97.30316971			0.05	0.61	Excellent
5916	08/02/21 05:30:00	7.80	26.24					7.847914767	97.14508632			0.05	0.61	Excellent
5917	08/02/21 06:00:00	7.75	26.22					7.797743511	96.48908255			0.05	0.62	Excellent
5918	08/02/21 06:30:00	7.74	26.18					7.787817622	96.29643622			0.05	0.62	Excellent
5919	08/02/21 07:00:00	7.72	26.16					7.767829426	96.01446443			0.05	0.62	Excellent
5920	08/02/21 07:30:00	7.76	26.14					7.808213313	96.47863508			0.05	0.62	Excellent
5921	08/02/21 08:00:00	7.74	26.12					7.788224767	96.19675292			0.05	0.62	Excellent
5922	08/02/21 08:30:00	7.80	26.08					7.848735369	96.87381488			0.05	0.62	Excellent
5923	08/02/21 09:00:00	7.86	26.04					7.909248076	97.54983078			0.05	0.63	Excellent
5924	08/02/21 09:30:00	7.96	26.02					8.010014214	98.75676335			0.05	0.63	Excellent
5925	08/02/21 10:00:00	7.97	26.02					8.020216794	98.88255261			0.05	0.63	Excellent
5926	08/02/21 10:30:00	8.07	26.02					8.120988368	100.1249817			0.05	0.63	Excellent
5927	08/02/21 11:00:00	8.05	26.02					8.101003153	99.87858073			0.05	0.63	Excellent
5928	08/02/21 11:30:00	8.14	26.02					8.191716104	100.9969954			0.05	0.64	Excellent
5929	08/02/21 12:00:00	8.27	26.04					8.322687045	102.6490388			0.05	0.64	Excellent
5930	08/02/21 12:30:00	8.34	26.08					8.393279241	103.594903			0.05	0.64	Excellent
5931	08/02/21 13:00:00	8.36	26.08					8.413553595	103.8451413			0.05	0.64	Excellent
5932	08/02/21 13:30:00	8.48	26.12					8.534470997	105.4140606			0.05	0.64	Excellent
5933	08/02/21 14:00:00	8.51	26.16					8.564812917	105.8656003			0.05	0.64	Excellent
5934	08/02/21 14:30:00	8.70	26.16					8.756189255	108.2311127			0.06	0.65	Excellent
5935	08/02/21 15:00:00	8.70	26.18					8.756341803	108.2722466			0.06	0.65	Excellent
5936	08/02/21 15:30:00	8.83	26.20					8.88733852	109.9318612			0.06	0.65	Excellent
5937	08/02/21 16:00:00	8.88	26.18					8.937818904	110.5162126			0.06	0.65	Excellent
5938	08/02/21 16:30:00	8.93	26.22					8.988301041	111.2210115			0.06	0.65	Excellent
5939	08/02/21 17:00:00	9.06	26.22					9.119308629	112.8420961			0.06	0.65	Excellent
5940	08/02/21 17:30:00	9.14	26.22					9.199992588	113.8404774			0.06	0.66	Excellent
5941	08/02/21 18:00:00	9.21	26.22					9.27061354	114.7143393			0.06	0.66	Excellent
5942	08/02/21 18:30:00	9.16	26.20					9.22044509	114.0522202			0.06	0.66	Excellent
5943	08/02/21 19:00:00	9.29	26.24					9.351465829	115.7567306			0.06	0.66	Excellent
5944	08/02/21 19:30:00	9.25	26.22					9.311363366	115.2185767			0.06	0.66	Excellent
5945	08/02/21 20:00:00	9.01	26.16					9.069929219	112.1091039			0.06	0.67	Excellent
5946	08/02/21 20:30:00	8.88	26.10					8.93922024	110.3732892			0.06	0.67	Excellent
5947	08/02/21 21:00:00	8.84	26.06					8.899108485	109.7982813			0.06	0.67	Excellent
5948	08/02/21 21:30:00	8.73	26.00					8.788526046	108.3157972			0.06	0.67	Excellent
5949	08/02/21 22:00:00	8.52	25.94					8.577267594	105.5968686			0.06	0.67	Excellent
5950	08/02/21 22:30:00	8.50	25.92					8.557282204	105.312508			0.06	0.67	Excellent
5951	08/02/21 23:00:00	8.46	25.88					8.517160981	104.7424838			0.06	0.68	Excellent
5952	08/02/21 23:30:00	8.38	25.86				7.748	8.436767388	103.7160522		7.781	0.06	0.68	Excellent
5953	08/03/21 00:00:00	8.31	25.82	8.05	10.33	9.00917		8.366438907	102.7765879	8.995		0.06	0.68	Excellent
5954	08/03/21 00:30:00	8.32	25.80					8.376652709	102.8645713			0.06	0.68	Excellent
5955	08/03/21 01:00:00	8.31	25.76					8.366730326	102.66785			0.06	0.68	Excellent
5956	08/03/21 01:30:00	8.26	25.72					8.316533821	101.9774774			0.06	0.68	Excellent
5957	08/03/21 02:00:00	8.29	25.72					8.346884509	102.349638			0.06	0.69	Excellent
5958	08/03/21 02:30:00	8.28	25.68					8.336961074	102.1533739			0.06	0.69	Excellent
5959	08/03/21 03:00:00	8.16	25.66					8.216278631	100.6378966			0.06	0.69	Excellent
5960	08/03/21 03:30:00	8.13	25.64					8.186214277	100.2330412			0.06	0.69	Excellent
5961	08/03/21 04:00:00	8.05	25.60					8.105802274	99.17597683			0.06	0.69	Excellent
5962	08/03/21 04:30:00	8.09	25.60					8.146221404	99.6705123			0.06	0.69	Excellent
5963	08/03/21 05:00:00	8.07	25.60					8.126223915	99.42583936			0.06	0.70	Excellent
5964	08/03/21 05:30:00	8.17	25.60					8.227063873	100.6596347			0.06	0.70	Excellent
5965	08/03/21 06:00:00	8.16	25.58					8.217137107	100.501441			0.06	0.70	Excellent
5966	08/03/21 06:30:00	8.13	25.56					8.187069597	100.0970937			0.06	0.70	Excellent
5967	08/03/21 07:00:00	8.19	25.54					8.24763438	100.8007056			0.06	0.70	Excellent
5968	08/03/21 07:30:00	8.24	25.52					8.298130721	101.38077			0.06	0.71	Excellent
5969	08/03/21 08:00:00	8.28	25.50					8.338558092	101.8374156			0.06	0.71	Excellent
5970	08/03/21 08:30:00	8.27	25.48					8.328632378	101.6789742			0.06	0.71	Excellent
5971	08/03/21 09:00:00	8.16	25.48					8.217995583	100.32828			0.06	0.71	Excellent
5972	08/03/21 09:30:00	8.21	25.46					8.268494904	100.9078458			0.06	0.71	Excellent
5973	08/03/21 10:00:00	8.32	25.48					8.379424521	102.2990632			0.06	0.71	Excellent
5974	08/03/21 10:30:00	8.38	25.48					8.44	103.0385907			0.06	0.72	Excellent
5975	08/03/21 11:00:00	8.56	25.42					8.48	103.3248322			-0.08	-0.93	Excellent
5976	08/03/21 11:30:00	8.58	25.44					8.500963654	103.6182091			-0.08	-0.92	Excellent
5977	08/03/21 12:00:00	8.63	25.44					8.551660345	104.2361508			-0.08	-0.91	Excellent
5978	08/03/21 12:30:00	8.68	25.44					8.602370445	104.854256			-0.08	-0.89	Excellent
5979	08/03/21 13:00:00	8.81	25.46					8.732389203	106.478035			-0.08	-0.88	Excellent
5980	08/03/21 13:30:00	8.97	25.52					8.892182568	108.5455721			-0.08	-0.87	Excellent
5981	08/03/21 14:00:00	9.25	25.58					9.170993901	112.0718507			-0.08	-0.85	Excellent
5982	08/03/21 14:30:00	9.51	25.66					9.430048471	115.4060672			-0.08	-0.84	Excellent
5983	08/03/21 15:00:00	9.90	25.74					9.818097283	120.3305547			-0.08	-0.83	Excellent
5984	08/03/21 15:30:00	10.14	25.80					10.05747153	123.3991992			-0.08	-0.81	Excellent
5985	08/03/21 16:00:00	10.26	25.82					10.17787072	124.9219301			-0.08	-0.80	Excellent
5986	08/03/21 16:30:00	10.33	25.82					10.24869562	125.7912263			-0.08	-0.79	Excellent
5987	08/03/21 17:00:00	10.30	25.82					10.22031296	125.4428611			-0.08	-0.77	Excellent
5988	08/03/21 17:30:00	10.29	25.80					10.21177021	125.2923524			-0.08	-0.76	Excellent
5989	08/03/21 18:00:00	10.07	25.72					9.994793139	122.451468			-0.08	-0.75	Excellent
5990	08/03/21 18:30:00	9.82	25.64					9.747977094	119.2533639			-0.07	-0.73	Excellent
5991	08/03/21 19:00:00	9.80	25.62					9.729437951	118.983097			-0.07	-0.72	Excellent
5992	08/03/21 19:30:00	10.12	25.66					10.04849097	122.9746409			-0.07	-0.71	Excellent
5993	08/03/21 20:00:00	10.23	25.68					10.15908553	124.3735032			-0.07	-0.69	Excellent
5994	08/03/21 20:30:00	10.09	25.62					10.02140907	122.5536658			-0.07	-0.68	Excellent
5995	08/03/21 21:00:00	10.01	25.58					9.943295235	121.5095671			-0.07	-0.67	Excellent
5996	08/03/21 21:30:00	9.99	25.58					9.924768161	121.2831616			-0.07	-0.65	Excellent
5997	08/03/21 22:00:00	9.94	25.58					9.876427592	120.6924277			-0.06	-0.64	Excellent
5998	08/03/21 22:30:00	9.88	25.54					9.818136227	119.8923957			-0.06	-0.63	Excellent
5999	08/03/21 23:00:00	9.82	25.52					9.759828771	119.1368024			-0.06	-0.61	Excellent
6000	08/03/21 23:30:00	9.68	25.50				7.952	9.621984689	117.4111967		7.979	-0.06	-0.60	Excellent
6001	08/04/21 00:00:00	9.57	25.46	8.75	10.72	9.40063		9.513927282	116.007688	9.376		-0.06	-0.59	Excellent
6002	08/04/21 00:30:00	9.49	25.44					9.43566862	115.0113239			-0.05	-0.57	Excellent
6003	08/04/21 01:00:00	9.22	25.34					9.168450796	111.5496225			-0.05	-0.56	Excellent
6004	08/04/21 01:30:00	9.05	25.26					9.000614866	109.3470066			-0.05	-0.55	Excellent
6005	08/04/21 02:00:00	8.94	25.24					8.892413973	107.9928304			-0.05	-0.53	Excellent
6006	08/04/21 02:30:00	8.89	25.22					8.843872255	107.3638801			-0.05	-0.52	Excellent
6007	08/04/21 03:00:00	8.97	25.22					8.924660026	108.344637			-0.05	-0.51	Excellent
6008	08/04/21 03:30:00	9.04	25.22					8.995518458	109.2048525			-0.04	-0.49	Excellent
6009	08/04/21 04:00:00	9.03	25.20					8.986778578	109.0586759			-0.04	-0.48	Excellent
6010	08/04/21 04:30:00	9.01	25.20					8.968082539	108.8317909			-0.04	-0.47	Excellent
6011	08/04/21 05:00:00	9.01	25.20					8.969290772	108.8464533			-0.04	-0.45	Excellent
6012	08/04/21 05:30:00	9.13	25.22					9.089972909	110.3515218			-0.04	-0.44	Excellent
6013	08/04/21 06:00:00	9.01	25.22					8.971707237	108.9157863			-0.04	-0.43	Excellent
6014	08/04/21 06:30:00	8.90	25.20					8.863368222	107.5610347			-0.04	-0.41	Excellent
6015	08/04/21 07:00:00	8.82	25.18					8.784880251	106.5693756			-0.04	-0.40	Excellent
6016	08/04/21 07:30:00	8.76	25.16					8.726293869	105.8197573			-0.03	-0.38	Excellent
6017	08/04/21 08:00:00	8.75	25.14					8.717505713	105.6743228			-0.03	-0.37	Excellent
6018	08/04/21 08:30:00	8.75	25.12					8.71867908	105.6496801			-0.03	-0.36	Excellent
6019	08/04/21 09:00:00	8.79	25.10					8.759714629	106.1078874			-0.03	-0.34	Excellent
6020	08/04/21 09:30:00	8.87	25.10					8.840628454	107.0880101			-0.03	-0.33	Excellent
6021	08/04/21 10:00:00	8.95	25.10					8.921563734	108.0683927			-0.03	-0.32	Excellent
6022	08/04/21 10:30:00	8.95	25.10					8.92276392	108.0829308			-0.03	-0.30	Excellent
6023	08/04/21 11:00:00	8.98	25.10					8.953876836	108.4598067			-0.03	-0.29	Excellent

6024	08/04/21 11:30:00	8.98	25.10					8.955081046	108.4743935			-0.02	-0.28	Excellent
6025	08/04/21 12:00:00	9.03	25.12					9.006153214	109.1331837			-0.02	-0.26	Excellent
6026	08/04/21 12:30:00	9.15	25.14					9.127063319	110.6390139			-0.02	-0.25	Excellent
6027	08/04/21 13:00:00	9.07	25.14					9.048480137	109.6864221			-0.02	-0.24	Excellent
6028	08/04/21 13:30:00	9.06	25.14					9.039718801	109.5802165			-0.02	-0.22	Excellent
6029	08/04/21 14:00:00	9.19	25.18					9.170660161	111.2492714			-0.02	-0.21	Excellent
6030	08/04/21 14:30:00	9.33	25.30					9.311616684	113.2083896			-0.02	-0.20	Excellent
6031	08/04/21 15:00:00	9.52	25.34					9.502518942	115.6141233			-0.02	-0.18	Excellent
6032	08/04/21 15:30:00	9.67	25.38					9.653540243	117.5377038			-0.02	-0.17	Excellent
6033	08/04/21 16:00:00	9.74	25.38					9.724727218	118.4044483			-0.02	-0.16	Excellent
6034	08/04/21 16:30:00	9.99	25.40					9.975674856	121.5044073			-0.01	-0.14	Excellent
6035	08/04/21 17:00:00	10.26	25.48					10.24666355	124.9880225			-0.01	-0.13	Excellent
6036	08/04/21 17:30:00	10.33	25.52					10.3179578	125.9498018			-0.01	-0.12	Excellent
6037	08/04/21 18:00:00	10.20	25.44					10.18947716	124.1994929			-0.01	-0.10	Excellent
6038	08/04/21 18:30:00	10.27	25.38					10.26078214	124.9312419			-0.01	-0.09	Excellent
6039	08/04/21 19:00:00	10.58	25.44					10.57192267	128.8611195			-0.01	-0.08	Excellent
6040	08/04/21 19:30:00	10.63	25.48					10.62330997	129.5823269			-0.01	-0.06	Excellent
6041	08/04/21 20:00:00	10.72	25.52					10.71469087	130.7926644			-0.01	-0.05	Excellent
6042	08/04/21 20:30:00	10.38	25.42					10.3762512	126.4297659			0.00	-0.04	Excellent
6043	08/04/21 21:00:00	10.05	25.32					10.04771808	122.2025583			0.00	-0.02	Excellent
6044	08/04/21 21:30:00	9.88	25.24					9.87908158	119.9752941			0.00	-0.01	Excellent
6045	08/04/21 22:00:00	9.69	25.18					9.690398662	117.5542188			0.00	0.00	Excellent
6046	08/04/21 22:30:00	9.63	25.14					9.631687567	116.7561106			0.00	0.02	Excellent
6047	08/04/21 23:00:00	9.57	25.12					9.572960381	116.0015402			0.00	0.03	Excellent
6048	08/04/21 23:30:00	9.43	25.08				8.196	9.434181628	114.2357701		8.217	0.00	0.04	Excellent
6049	08/05/21 00:00:00	9.39	25.02	8.71	11.02	9.67688		9.395423081	113.6408471	9.714		0.01	0.06	Excellent
6050	08/05/21 00:30:00	9.38	25.02					9.386675155	113.5350379			0.01	0.07	Excellent
6051	08/05/21 01:00:00	9.13	24.98					9.13772157	110.4424355			0.01	0.08	Excellent
6052	08/05/21 01:30:00	9.02	24.92					9.028838113	109.0057682			0.01	0.10	Excellent
6053	08/05/21 02:00:00	8.93	24.88					8.939947433	107.8529571			0.01	0.11	Excellent
6054	08/05/21 02:30:00	8.88	24.84					8.891082536	107.1842639			0.01	0.12	Excellent
6055	08/05/21 03:00:00	8.87	24.82					8.882259514	107.0383548			0.01	0.14	Excellent
6056	08/05/21 03:30:00	8.86	24.82					8.873433811	106.9319979			0.01	0.15	Excellent
6057	08/05/21 04:00:00	8.88	24.82					8.894654936	107.1877295			0.01	0.17	Excellent
6058	08/05/21 04:30:00	8.88	24.82					8.895845735	107.2020796			0.02	0.18	Excellent
6059	08/05/21 05:00:00	8.90	24.82					8.917074906	107.4579082			0.02	0.19	Excellent
6060	08/05/21 05:30:00	8.93	24.80					8.948329967	107.7947206			0.02	0.21	Excellent
6061	08/05/21 06:00:00	8.98	24.80					8.999636808	108.4127808			0.02	0.22	Excellent
6062	08/05/21 06:30:00	8.93	24.80					8.950724976	107.8235717			0.02	0.23	Excellent
6063	08/05/21 07:00:00	8.84	24.80					8.861701538	106.7511641			0.02	0.25	Excellent
6064	08/05/21 07:30:00	8.78	24.80					8.802731632	106.040792			0.02	0.26	Excellent
6065	08/05/21 08:00:00	8.74	24.80					8.763800097	105.571809			0.02	0.27	Excellent
6066	08/05/21 08:30:00	8.71	24.78					8.734886407	105.1846219			0.02	0.29	Excellent
6067	08/05/21 09:00:00	8.72	24.78					8.746084323	105.3194661			0.03	0.30	Excellent
6068	08/05/21 09:30:00	8.75	24.82					8.77734743	105.7740799			0.03	0.31	Excellent
6069	08/05/21 10:00:00	8.87	24.84					8.898911939	107.2786493			0.03	0.33	Excellent
6070	08/05/21 10:30:00	9.00	24.88					9.030542568	108.9459113			0.03	0.34	Excellent
6071	08/05/21 11:00:00	9.09	24.92					9.122066955	110.1313262			0.03	0.35	Excellent
6072	08/05/21 11:30:00	9.25	25.00					9.283871806	112.2502315			0.03	0.37	Excellent
6073	08/05/21 12:00:00	9.41	25.06					9.445719569	114.3333829			0.04	0.38	Excellent
6074	08/05/21 12:30:00	9.59	25.16					9.627688844	116.7505601			0.04	0.39	Excellent
6075	08/05/21 13:00:00	9.73	25.26					9.76954383	118.6885996			0.04	0.41	Excellent
6076	08/05/21 13:30:00	9.83	25.34					9.871268436	120.100581			0.04	0.42	Excellent
6077	08/05/21 14:00:00	10.08	25.44					10.12366971	123.3973661			0.04	0.43	Excellent
6078	08/05/21 14:30:00	10.32	25.54					10.36609337	126.5836753			0.05	0.45	Excellent
6079	08/05/21 15:00:00	10.44	25.58					10.48802933	128.1663547			0.05	0.46	Excellent
6080	08/05/21 15:30:00	10.48	25.60					10.52961871	128.7216194			0.05	0.47	Excellent
6081	08/05/21 16:00:00	10.51	25.62					10.56117013	129.1545037			0.05	0.49	Excellent
6082	08/05/21 16:30:00	10.60	25.66					10.65302976	130.3730593			0.05	0.50	Excellent
6083	08/05/21 17:00:00	10.77	25.70					10.82532449	132.5783664			0.06	0.51	Excellent
6084	08/05/21 17:30:00	10.89	25.80					10.94740125	134.3181081			0.06	0.53	Excellent
6085	08/05/21 18:00:00	10.17	25.54					10.22496992	124.8603718			0.05	0.54	Excellent
6086	08/05/21 18:30:00	10.88	25.72					10.94026654	134.03496			0.06	0.55	Excellent
6087	08/05/21 19:00:00	10.89	25.94					10.95178227	134.7147022			0.06	0.57	Excellent
6088	08/05/21 19:30:00	10.68	25.84					10.74202306	131.8942973			0.06	0.58	Excellent
6089	08/05/21 20:00:00	11.02	26.02					11.08547534	136.5576187			0.07	0.59	Excellent
6090	08/05/21 20:30:00	10.84	25.98					10.90585951	134.2474021			0.07	0.61	Excellent
6091	08/05/21 21:00:00	10.65	25.88					10.7161333	131.6722567			0.07	0.62	Excellent
6092	08/05/21 21:30:00	10.70	25.86					10.76787864	132.2599119			0.07	0.63	Excellent
6093	08/05/21 22:00:00	10.49	25.70					10.55795315	129.3038543			0.07	0.65	Excellent
6094	08/05/21 22:30:00	10.42	25.62					10.48889701	128.2706623			0.07	0.66	Excellent
6095	08/05/21 23:00:00	10.26	25.56					10.32921494	126.17947			0.07	0.67	Excellent
6096	08/05/21 23:30:00	10.13	25.48				8.535	10.19969637	124.4151205		8.558	0.07	0.69	Excellent
6097	08/06/21 00:00:00	9.88	25.38	8.98	9.88	9.32146		9.949301225	121.138773	9.416		0.07	0.70	Excellent
6098	08/06/21 00:30:00	9.77	25.34					9.8398398	119.7181988			0.07	0.71	Excellent
6099	08/06/21 01:00:00	9.54	25.26					9.609474975	116.7439491			0.07	0.73	Excellent
6100	08/06/21 01:30:00	9.35	25.14					9.419345128	114.1820781			0.07	0.74	Excellent
6101	08/06/21 02:00:00	9.27	25.06					9.339994899	113.0536648			0.07	0.76	Excellent
6102	08/06/21 02:30:00	9.22	25.06					9.290853758	112.4588479			0.07	0.77	Excellent
6103	08/06/21 03:00:00	9.16	25.06					9.231621019	111.7418798			0.07	0.78	Excellent
6104	08/06/21 03:30:00	9.16	25.06					9.232849366	111.7567481			0.07	0.80	Excellent
6105	08/06/21 04:00:00	9.20	25.08					9.274401197	112.3010352			0.07	0.81	Excellent
6106	08/06/21 04:30:00	9.23	25.10					9.305881544	112.7236986			0.08	0.82	Excellent
6107	08/06/21 05:00:00	9.22	25.10					9.297035726	112.6165477			0.08	0.84	Excellent
6108	08/06/21 05:30:00	9.16	25.08					9.237762757	111.8573909			0.08	0.85	Excellent
6109	08/06/21 06:00:00	9.10	25.06					9.178473695	111.0985712			0.08	0.86	Excellent
6110	08/06/21 06:30:00	9.05	25.04					9.129256118	110.4621463			0.08	0.88	Excellent
6111	08/06/21 07:00:00	9.05	25.02					9.130469715	110.4361457			0.08	0.89	Excellent
6112	08/06/21 07:30:00	9.07	25.00					9.151863827	110.6541381			0.08	0.90	Excellent
6113	08/06/21 08:00:00	9.00	24.98					9.082438914	109.7742655			0.08	0.92	Excellent
6114	08/06/21 08:30:00	9.02	24.96					9.103831685	109.9922719			0.08	0.93	Excellent
6115	08/06/21 09:00:00	9.03	24.98					9.11513554	110.169451			0.09	0.94	Excellent
6116	08/06/21 09:30:00	9.08	25.00					9.166824564	110.8350267			0.09	0.96	Excellent
6117	08/06/21 10:00:00	9.06	25.02					9.147848258	110.6463451			0.09	0.97	Excellent
6118	08/06/21 10:30:00	8.98	25.04					9.068276765	109.7243085			0.09	0.98	Excellent
6119	08/06/21 11:00:00	9.02	25.06					9.109879554	110.2682903			0.09	1.00	Excellent
6120	08/06/21 11:30:00	9.02	25.10					9.111089128	110.3641455			0.09	1.01	Excellent
6121	08/06/21 12:00:00	9.05	25.14					9.142605682	110.8274197			0.09	1.02	Excellent
6122	08/06/21 12:30:00	9.00	25.16					9.09330094	110.2702834			0.09	1.04	Excellent
6123	08/06/21 13:00:00	9.05	25.20					9.145032875	110.9791643			0.10	1.05	Excellent
6124	08/06/21 13:30:00	9.11	25.24					9.20688457	111.81188			0.10	1.06	Excellent
6125	08/06/21 14:00:00	9.14	25.26					9.238429285	112.2361754			0.10	1.08	Excellent
6126	08/06/21 14:30:00	9.26	25.28					9.360963331	113.7665761			0.10	1.09	Excellent
6127	08/06/21 15:00:00	9.33	25.32					9.432977697	114.7259505			0.10	1.10	Excellent
6128	08/06/21 15:30:00	9.28	25.32					9.383670273	114.1262628			0.10	1.12	Excellent
6129	08/06/21 16:00:00	9.23	25.26					9.334349439	113.4014937			0.10	1.13	Excellent
6130	08/06/21 16:30:00	9.19	25.24					9.295129591	112.8835608			0.11	1.14	Excellent
6131	08/06/21 17:00:00	9.51	25.34					9.620065534	117.0442752			0.11	1.16	Excellent
6132	08/06/21 17:30:00	9.78	25.50					9.894501912	120.7365578			0.11	1.17	Excellent
6133	08/06/21 18:00:00	9.84	25.56					9.956523913	121.6267565			0.12	1.18	Excellent
6134	08/06/21 18:30:00	9.86	25.60					9.978082967	121.9792505			0.12	1.20	Excellent
6135	08/06/21 19:00:00	9.80	25.60					9.91867858	121.2530486			0.12	1.21	Excellent
6136	08/06/21 19:30:00	9.75	25.62					9.869380543	120.6944808			0.12	1.22	Excellent
6137	08/06/21 20:00:00	9.72	25.66					9.840316662	120.4269787			0.12	1.24	Excellent
6138	08/06/21 20:30:00	9.71	25.72					9.831494981	120.4508164			0.12	1.25	Excellent
6139	08/06/21 21:00:00	9.72	25.76					9.842923548	120.6788207			0.12	1.26	Excellent

6140	08/06/21 21:30:00	9.63	25.78					9.753076741	119.6208547			0.12	1.28	Excellent
6141	08/06/21 22:00:00	9.54	25.78					9.663205797	118.5185934			0.12	1.29	Excellent
6142	08/06/21 22:30:00	9.47	25.74					9.593571689	117.5787701			0.12	1.30	Excellent
6143	08/06/21 23:00:00	9.42	25.76					9.544182465	117.0161161			0.12	1.32	Excellent
6144	08/06/21 23:30:00	9.40	25.72				8.795	9.525179339	116.6979823		8.827	0.13	1.33	Excellent
6145	08/07/21 00:00:00	9.33	25.68	8.34	9.33	8.77875		9.455498297	115.7597742	8.924		0.13	1.35	Excellent
6146	08/07/21 00:30:00	9.25	25.66					9.37566263	114.7404867			0.13	1.36	Excellent
6147	08/07/21 01:00:00	9.24	25.64					9.366765854	114.589758			0.13	1.37	Excellent
6148	08/07/21 01:30:00	9.17	25.62					9.297035195	113.6951637			0.13	1.39	Excellent
6149	08/07/21 02:00:00	8.99	25.52					9.115747143	111.2745922			0.13	1.40	Excellent
6150	08/07/21 02:30:00	8.92	25.46					9.045964186	110.3015989			0.13	1.41	Excellent
6151	08/07/21 03:00:00	8.75	25.42					8.87473689	108.1345165			0.12	1.43	Excellent
6152	08/07/21 03:30:00	8.80	25.42					8.926629744	108.7668067			0.13	1.44	Excellent
6153	08/07/21 04:00:00	8.77	25.42					8.897374101	108.4103403			0.13	1.45	Excellent
6154	08/07/21 04:30:00	8.77	25.42					8.89855015	108.4246699			0.13	1.47	Excellent
6155	08/07/21 05:00:00	8.76	25.42					8.889578278	108.3153519			0.13	1.48	Excellent
6156	08/07/21 05:30:00	8.77	25.42					8.900902248	108.4533292			0.13	1.49	Excellent
6157	08/07/21 06:00:00	8.79	25.42					8.922379502	108.7150194			0.13	1.51	Excellent
6158	08/07/21 06:30:00	8.77	25.40					8.903254346	108.4422516			0.13	1.52	Excellent
6159	08/07/21 07:00:00	8.74	25.40					8.873970542	108.0855728			0.13	1.53	Excellent
6160	08/07/21 07:30:00	8.75	25.40					8.885297193	108.2235322			0.14	1.55	Excellent
6161	08/07/21 08:00:00	8.77	25.42					8.906782493	108.5249772			0.14	1.56	Excellent
6162	08/07/21 08:30:00	8.80	25.44					8.938430464	108.9504901			0.14	1.57	Excellent
6163	08/07/21 09:00:00	8.91	25.46					9.051355667	110.3673397			0.14	1.59	Excellent
6164	08/07/21 09:30:00	8.87	25.48					9.011910533	109.9265992			0.14	1.60	Excellent
6165	08/07/21 10:00:00	8.76	25.48					8.901325358	108.5776896			0.14	1.61	Excellent
6166	08/07/21 10:30:00	8.83	25.50					8.973638765	109.4998278			0.14	1.63	Excellent
6167	08/07/21 11:00:00	8.78	25.52					8.924002799	108.933997			0.14	1.64	Excellent
6168	08/07/21 11:30:00	8.79	25.56					8.935345542	109.152261			0.15	1.65	Excellent
6169	08/07/21 12:00:00	8.75	25.58					8.895857496	108.7096147			0.15	1.67	Excellent
6170	08/07/21 12:30:00	8.81	25.58					8.958039075	109.4694892			0.15	1.68	Excellent
6171	08/07/21 13:00:00	8.84	25.54					8.989728616	109.7764459			0.15	1.69	Excellent
6172	08/07/21 13:30:00	8.78	25.52					8.929889749	109.0058581			0.15	1.71	Excellent
6173	08/07/21 14:00:00	8.82	25.52					8.971755372	109.5169057			0.15	1.72	Excellent
6174	08/07/21 14:30:00	8.69	25.50					8.840683936	107.8774613			0.15	1.73	Excellent
6175	08/07/21 15:00:00	8.77	25.50					8.923247178	108.8849301			0.15	1.75	Excellent
6176	08/07/21 15:30:00	8.87	25.56					9.02618404	110.2619245			0.16	1.76	Excellent
6177	08/07/21 16:00:00	8.90	25.56					9.057905765	110.6494303			0.16	1.77	Excellent
6178	08/07/21 16:30:00	8.82	25.56					8.977669141	109.669277			0.16	1.79	Excellent
6179	08/07/21 17:00:00	8.87	25.56					9.029752416	110.305515			0.16	1.80	Excellent
6180	08/07/21 17:30:00	8.80	25.54					8.959671759	109.4094121			0.16	1.81	Excellent
6181	08/07/21 18:00:00	8.81	25.52					8.971034617	109.5081075			0.16	1.83	Excellent
6182	08/07/21 18:30:00	8.69	25.52					8.850006504	108.0307351			0.16	1.84	Excellent
6183	08/07/21 19:00:00	8.61	25.50					8.76968808	107.0111423			0.16	1.85	Excellent
6184	08/07/21 19:30:00	8.62	25.50					8.781029482	107.1495345			0.16	1.87	Excellent
6185	08/07/21 20:00:00	8.63	25.50					8.792373566	107.2879594			0.16	1.88	Excellent
6186	08/07/21 20:30:00	8.61	25.50					8.773151859	107.0534087			0.16	1.89	Excellent
6187	08/07/21 21:00:00	8.49	25.50					8.652016467	105.5752675			0.16	1.91	Excellent
6188	08/07/21 21:30:00	8.46	25.50					8.622578449	105.2160534			0.16	1.92	Excellent
6189	08/07/21 22:00:00	8.42	25.50					8.582938871	104.7323558			0.16	1.94	Excellent
6190	08/07/21 22:30:00	8.45	25.50					8.61465255	105.1193385			0.16	1.95	Excellent
6191	08/07/21 23:00:00	8.45	25.50					8.615785687	105.1331655			0.17	1.96	Excellent
6192	08/07/21 23:30:00	8.34	25.48				8.889	8.504745917	103.7402438		8.937	0.16	1.98	Excellent
6193	08/08/21 00:00:00	8.25	25.42	8.00	9.60	8.64521		8.414074401	102.5215596	8.845		0.16	1.99	Excellent
6194	08/08/21 00:30:00	8.08	25.38					8.241776994	100.3486305			0.16	2.00	Excellent
6195	08/08/21 01:00:00	8.13	25.36					8.293868315	100.9458633			0.16	2.02	Excellent
6196	08/08/21 01:30:00	8.08	25.36					8.243944036	100.3382277			0.16	2.03	Excellent
6197	08/08/21 02:00:00	8.08	25.36					8.245027556	100.3514154			0.17	2.04	Excellent
6198	08/08/21 02:30:00	8.13	25.36					8.297138992	100.9856712			0.17	2.06	Excellent
6199	08/08/21 03:00:00	8.21	25.36					8.379884609	101.99278			0.17	2.07	Excellent
6200	08/08/21 03:30:00	8.15	25.36					8.319735973	101.2607023			0.17	2.08	Excellent
6201	08/08/21 04:00:00	8.13	25.36					8.300409669	101.025479			0.17	2.10	Excellent
6202	08/08/21 04:30:00	8.14	25.36					8.311710841	101.1630272			0.17	2.11	Excellent
6203	08/08/21 05:00:00	8.06	25.34					8.231104104	100.1452236			0.17	2.12	Excellent
6204	08/08/21 05:30:00	8.00	25.34					8.170903169	99.41277802			0.17	2.14	Excellent
6205	08/08/21 06:00:00	8.07	25.34					8.243480751	100.2958064			0.17	2.15	Excellent
6206	08/08/21 06:30:00	8.06	25.34					8.23434662	100.1846743			0.17	2.16	Excellent
6207	08/08/21 07:00:00	8.07	25.32					8.24564511	100.2853503			0.18	2.18	Excellent
6208	08/08/21 07:30:00	8.04	25.34					8.216070311	99.96231227			0.18	2.19	Excellent
6209	08/08/21 08:00:00	8.06	25.34					8.237589136	100.224125			0.18	2.20	Excellent
6210	08/08/21 08:30:00	8.11	25.36					8.289778349	100.8960837			0.18	2.22	Excellent
6211	08/08/21 09:00:00	8.11	25.38					8.290865892	100.9463176			0.18	2.23	Excellent
6212	08/08/21 09:30:00	8.15	25.40					8.332850863	101.4946979			0.18	2.24	Excellent
6213	08/08/21 10:00:00	8.15	25.44					8.333943771	101.5824045			0.18	2.26	Excellent
6214	08/08/21 10:30:00	8.29	25.48					8.478215223	103.4166244			0.19	2.27	Excellent
6215	08/08/21 11:00:00	8.44	25.52					8.632752602	105.3787485			0.19	2.28	Excellent
6216	08/08/21 11:30:00	8.42	25.56					8.613424957	105.2197483			0.19	2.30	Excellent
6217	08/08/21 12:00:00	8.49	25.60					8.686171504	106.1859972			0.20	2.31	Excellent
6218	08/08/21 12:30:00	8.43	25.62					8.625915588	105.4879178			0.20	2.32	Excellent
6219	08/08/21 13:00:00	8.54	25.74					8.739617225	107.1127082			0.20	2.34	Excellent
6220	08/08/21 13:30:00	8.65	25.82					8.853348365	108.6649061			0.20	2.35	Excellent
6221	08/08/21 14:00:00	8.70	25.92					8.905690451	109.5064817			0.21	2.36	Excellent
6222	08/08/21 14:30:00	8.75	25.96					8.958045947	110.2304043			0.21	2.38	Excellent
6223	08/08/21 15:00:00	9.00	26.02					9.215197008	113.5183942			0.22	2.39	Excellent
6224	08/08/21 15:30:00	9.19	26.14					9.410972427	116.1828283			0.22	2.40	Excellent
6225	08/08/21 16:00:00	9.27	26.20					9.494139116	117.337104			0.22	2.42	Excellent
6226	08/08/21 16:30:00	9.37	26.28					9.597813522	118.7903751			0.23	2.43	Excellent
6227	08/08/21 17:00:00	9.50	26.36					9.732248163	120.6286884			0.23	2.44	Excellent
6228	08/08/21 17:30:00	9.45	26.40					9.682293041	120.0963035			0.23	2.46	Excellent
6229	08/08/21 18:00:00	9.49	26.40					9.724548892	120.6204326			0.23	2.47	Excellent
6230	08/08/21 18:30:00	9.60	26.44					9.838554934	122.1227422			0.24	2.48	Excellent
6231	08/08/21 19:00:00	9.53	26.46					9.768093435	121.291923			0.24	2.50	Excellent
6232	08/08/21 19:30:00	9.44	26.46					9.677110809	120.1621777			0.24	2.51	Excellent
6233	08/08/21 20:00:00	9.46	26.42					9.69888174	120.3455429			0.24	2.53	Excellent
6234	08/08/21 20:30:00	9.46	26.40					9.700150317	120.3177998			0.24	2.54	Excellent
6235	08/08/21 21:00:00	9.44	26.40					9.680908495	120.07913			0.24	2.55	Excellent
6236	08/08/21 21:30:00	9.37	26.38					9.610378606	119.1612206			0.24	2.57	Excellent
6237	08/08/21 22:00:00	9.22	26.36					9.45776689	117.2265643			0.24	2.58	Excellent
6238	08/08/21 22:30:00	9.16	26.28					9.397447947	116.3104872			0.24	2.59	Excellent
6239	08/08/21 23:00:00	9.08	26.24					9.316591786	115.2262725			0.24	2.61	Excellent
6240	08/08/21 23:30:00	8.97	26.22				9.020	9.204928454	113.8040058		9.091	0.23	2.62	Excellent
6241	08/09/21 00:00:00	8.84	26.10	8.18	9.70	8.77583		9.07270913	111.9255734	9.035		0.23	2.63	Excellent
6242	08/09/21 00:30:00	8.64	25.98					8.868602834	109.1694689			0.23	2.65	Excellent
6243	08/09/21 01:00:00	8.43	25.84					8.65417697	106.2589965			0.22	2.66	Excellent
6244	08/09/21 01:30:00	8.54	25.88					8.76824738	107.738014			0.23	2.67	Excellent
6245	08/09/21 02:00:00	8.49	25.92					8.718049538	107.1992046			0.23	2.69	Excellent
6246	08/09/21 02:30:00	8.55	25.92					8.780807743	107.9708943			0.23	2.70	Excellent
6247	08/09/21 03:00:00	8.49	25.94					8.720326541	107.2662115			0.23	2.71	Excellent
6248	08/09/21 03:30:00	8.42	25.96					8.649556614	106.4343863			0.23	2.73	Excellent
6249	08/09/21 04:00:00	8.44	25.96					8.671233675	106.7011265			0.23	2.74	Excellent
6250	08/09/21 04:30:00	8.39	25.96					8.620988899	106.0828553			0.23	2.75	Excellent
6251	08/09/21 05:00:00	8.42	25.98					8.652943957	106.5147819			0.23	2.77	Excellent
6252	08/09/21 05:30:00	8.40	25.98					8.633517078	106.2756436			0.23	2.78	Excellent
6253	08/09/21 06:00:00	8.23	26.00					8.459894773	104.1762658			0.23	2.79	Excellent
6254	08/09/21 06:30:00	8.26	25.98					8.491840444	104.5316527			0.23	2.81	Excellent
6255	08/09/21 07:00:00	8.31	25.98					8.5443582	105.1781283			0.23	2.82	Excellent

6256	08/09/21 07:30:00	8.32	25.98					8.555755924	105.3184304			0.24	2.83	Excellent
6257	08/09/21 08:00:00	8.18	26.00					8.412885807	103.5973911			0.23	2.85	Excellent
6258	08/09/21 08:30:00	8.35	26.00					8.58884546	105.7641816			0.24	2.86	Excellent
6259	08/09/21 09:00:00	8.60	26.08					8.847149774	109.1033544			0.25	2.87	Excellent
6260	08/09/21 09:30:00	8.67	26.10					8.920324097	110.0456738			0.25	2.89	Excellent
6261	08/09/21 10:00:00	8.69	26.08					8.942066867	110.2738753			0.25	2.90	Excellent
6262	08/09/21 10:30:00	8.64	26.10					8.891775156	109.6934795			0.25	2.91	Excellent
6263	08/09/21 11:00:00	8.76	26.14					9.016446741	111.3122253			0.26	2.93	Excellent
6264	08/09/21 11:30:00	8.75	26.16					9.00732736	111.2399736			0.26	2.94	Excellent
6265	08/09/21 12:00:00	8.70	26.22					8.95702358	110.7390642			0.26	2.95	Excellent
6266	08/09/21 12:30:00	8.76	26.26					9.019970865	111.5981133			0.26	2.97	Excellent
6267	08/09/21 13:00:00	8.80	26.34					9.062338018	112.2847125			0.26	2.98	Excellent
6268	08/09/21 13:30:00	8.98	26.40					9.248908233	114.7207263			0.27	2.99	Excellent
6269	08/09/21 14:00:00	8.99	26.46					9.260413236	114.9879797			0.27	3.01	Excellent
6270	08/09/21 14:30:00	9.05	26.52					9.323431593	115.8959184			0.27	3.02	Excellent
6271	08/09/21 15:00:00	9.11	26.58					9.386466042	116.8057871			0.28	3.03	Excellent
6272	08/09/21 15:30:00	9.38	26.68					9.665917726	120.500168			0.29	3.05	Excellent
6273	08/09/21 16:00:00	9.50	26.72					9.790849463	122.1455251			0.29	3.06	Excellent
6274	08/09/21 16:30:00	9.53	26.74					9.823045899	122.5912893			0.29	3.07	Excellent
6275	08/09/21 17:00:00	9.70	26.80					9.999574132	124.9290526			0.30	3.09	Excellent
6276	08/09/21 17:30:00	9.48	26.72					9.774050926	121.9359553			0.29	3.10	Excellent
6277	08/09/21 18:00:00	9.31	26.66					9.600026324	119.6356474			0.29	3.12	Excellent
6278	08/09/21 18:30:00	9.02	26.52					9.30220178	115.6320189			0.28	3.13	Excellent
6279	08/09/21 19:00:00	8.91	26.48					9.189955118	114.1542981			0.28	3.14	Excellent
6280	08/09/21 19:30:00	8.78	26.44					9.057047865	112.4221523			0.28	3.16	Excellent
6281	08/09/21 20:00:00	8.95	26.50					9.233612304	114.7379991			0.28	3.17	Excellent
6282	08/09/21 20:30:00	8.94	26.58					9.224494265	114.7901999			0.28	3.18	Excellent
6283	08/09/21 21:00:00	8.95	26.64					9.236012678	115.0578569			0.29	3.20	Excellent
6284	08/09/21 21:30:00	8.95	26.72					9.237212865	115.238644			0.29	3.21	Excellent
6285	08/09/21 22:00:00	8.98	26.76					9.269379799	115.7231711			0.29	3.22	Excellent
6286	08/09/21 22:30:00	9.02	26.82					9.31187837	116.3791875			0.29	3.24	Excellent
6287	08/09/21 23:00:00	8.88	26.82					9.168538907	114.5877411			0.29	3.25	Excellent
6288	08/09/21 23:30:00	8.76	26.80				9.087	9.04581444	113.0133157		9.187	0.29	3.26	Excellent
6289	08/10/21 00:00:00	8.77	26.80	7.99	8.77	8.30188		9.057316762	113.1570192	8.600		0.29	3.28	Excellent
6290	08/10/21 00:30:00	8.60	26.76					8.88290059	110.8981881			0.28	3.29	Excellent
6291	08/10/21 01:00:00	8.38	26.56					8.656787348	107.686784			0.28	3.30	Excellent
6292	08/10/21 01:30:00	8.08	26.38					8.347962014	103.5082366			0.27	3.32	Excellent
6293	08/10/21 02:00:00	8.16	26.34					8.431709352	104.4710602			0.27	3.33	Excellent
6294	08/10/21 02:30:00	8.10	26.36					8.370797691	103.7538634			0.27	3.34	Excellent
6295	08/10/21 03:00:00	8.13	26.38					8.402890871	104.1893117			0.27	3.36	Excellent
6296	08/10/21 03:30:00	8.09	26.40					8.362633096	103.7276312			0.27	3.37	Excellent
6297	08/10/21 04:00:00	8.10	26.44					8.374056299	103.944403			0.27	3.38	Excellent
6298	08/10/21 04:30:00	8.00	26.46					8.271745681	102.7115421			0.27	3.40	Excellent
6299	08/10/21 05:00:00	8.06	26.48					8.334864612	103.5326732			0.27	3.41	Excellent
6300	08/10/21 05:30:00	8.12	26.48					8.397999635	104.3169136			0.28	3.42	Excellent
6301	08/10/21 06:00:00	8.16	26.50					8.44046334	104.8822328			0.28	3.44	Excellent
6302	08/10/21 06:30:00	8.14	26.52					8.420867496	104.6764984			0.28	3.45	Excellent
6303	08/10/21 07:00:00	8.06	26.52					8.339187966	103.6611722			0.28	3.46	Excellent
6304	08/10/21 07:30:00	8.18	26.56					8.464441542	105.2940833			0.28	3.48	Excellent
6305	08/10/21 08:00:00	8.21	26.56					8.496585679	105.6939428			0.29	3.49	Excellent
6306	08/10/21 08:30:00	8.08	26.58					8.363131302	104.0713438			0.28	3.50	Excellent
6307	08/10/21 09:00:00	8.23	26.58					8.519491088	106.017095			0.29	3.52	Excellent
6308	08/10/21 09:30:00	8.20	26.60					8.489535448	105.6824127			0.29	3.53	Excellent
6309	08/10/21 10:00:00	8.25	26.62					8.542407225	106.378918			0.29	3.54	Excellent
6310	08/10/21 10:30:00	8.22	26.68					8.512446221	106.1204149			0.29	3.56	Excellent
6311	08/10/21 11:00:00	8.19	26.68					8.48247717	105.7468057			0.29	3.57	Excellent
6312	08/10/21 11:30:00	8.49	26.78					8.794329121	109.8319087			0.30	3.58	Excellent
6313	08/10/21 12:00:00	8.58	26.86					8.888705795	111.1702545			0.31	3.60	Good
6314	08/10/21 12:30:00	8.53	26.92					8.838050675	110.6558315			0.31	3.61	Good
6315	08/10/21 13:00:00	8.61	26.94					8.922094372	111.7481815			0.31	3.62	Good
6316	08/10/21 13:30:00	8.57	26.94					8.881793685	111.2434201			0.31	3.64	Good
6317	08/10/21 14:00:00	8.60	26.96					8.914038397	111.6873391			0.31	3.65	Good
6318	08/10/21 14:30:00	8.58	26.98					8.894458646	111.4819904			0.31	3.67	Good
6319	08/10/21 15:00:00	8.63	27.04					8.94744843	112.2668144			0.32	3.68	Good
6320	08/10/21 15:30:00	8.55	27.04					8.865652234	111.2404885			0.32	3.69	Good
6321	08/10/21 16:00:00	8.47	27.04					8.783834582	110.2138933			0.31	3.71	Good
6322	08/10/21 16:30:00	8.48	27.04					8.795342267	110.3582843			0.32	3.72	Good
6323	08/10/21 17:00:00	8.55	27.10					8.869091876	111.4032802			0.32	3.73	Good
6324	08/10/21 17:30:00	8.64	27.18					8.963609354	112.7517627			0.32	3.75	Good
6325	08/10/21 18:00:00	8.62	27.24					8.944016192	112.6260258			0.32	3.76	Good
6326	08/10/21 18:30:00	8.52	27.22					8.841399828	111.2940637			0.32	3.77	Good
6327	08/10/21 19:00:00	8.35	27.20					8.666106648	109.048512			0.32	3.79	Good
6328	08/10/21 19:30:00	8.31	27.18					8.625706728	108.5013414			0.32	3.80	Good
6329	08/10/21 20:00:00	8.28	27.16					8.595677333	108.0849402			0.32	3.81	Good
6330	08/10/21 20:30:00	8.27	27.18					8.586405079	108.0069724			0.32	3.83	Good
6331	08/10/21 21:00:00	8.14	27.18					8.452522926	106.3228909			0.31	3.84	Good
6332	08/10/21 21:30:00	8.11	27.14					8.422458665	105.8689468			0.31	3.85	Good
6333	08/10/21 22:00:00	8.01	27.12					8.319680041	104.5396182			0.31	3.87	Good
6334	08/10/21 22:30:00	8.05	27.10					8.362306006	105.0376219			0.31	3.88	Good
6335	08/10/21 23:00:00	8.05	27.14					8.363385504	105.1264067			0.31	3.89	Good
6336	08/10/21 23:30:00	7.99	27.14				8.986	8.302121163	104.3563238		9.130	0.31	3.91	Good
6337	08/11/21 00:00:00	7.93	27.12	7.63	8.24	7.87063		8.24084073	103.5489754	8.077		0.31	3.92	Good
6338	08/11/21 00:30:00	7.74	27.02					8.044431023	100.900171			0.30	3.93	Excellent
6339	08/11/21 01:00:00	7.70	27.00					8.003890299	100.3556967			0.30	3.95	Excellent
6340	08/11/21 01:30:00	7.68	27.00					7.984130854	100.1079456			0.30	3.96	Excellent
6341	08/11/21 02:00:00	7.69	27.00					7.99555808	100.2512243			0.31	3.97	Good
6342	08/11/21 02:30:00	7.71	27.02					8.017386673	100.5609575			0.31	3.99	Good
6343	08/11/21 03:00:00	7.69	27.04					7.997620524	100.3489862			0.31	4.00	Good
6344	08/11/21 03:30:00	7.75	27.06					8.061059952	101.1812246			0.31	4.01	Good
6345	08/11/21 04:00:00	7.72	27.08					8.030891094	100.8386585			0.31	4.03	Good
6346	08/11/21 04:30:00	7.68	27.08					7.99031014	100.32911			0.31	4.04	Good
6347	08/11/21 05:00:00	7.69	27.08					8.001745412	100.4726952			0.31	4.05	Good
6348	08/11/21 05:30:00	7.67	27.10					7.98196317	100.2601949			0.31	4.07	Good
6349	08/11/21 06:00:00	7.65	27.10					7.962175565	100.0116458			0.31	4.08	Good
6350	08/11/21 06:30:00	7.63	27.08					7.942382596	99.72731509			0.31	4.09	Good
6351	08/11/21 07:00:00	7.63	27.08					7.943405772	99.74016244			0.31	4.11	Good
6352	08/11/21 07:30:00	7.64	27.08					7.954841044	99.88374769			0.31	4.12	Good
6353	08/11/21 08:00:00	7.69	27.06					8.007932744	100.5143797			0.32	4.13	Good
6354	08/11/21 08:30:00	7.82	27.06					8.144356074	102.2267451			0.32	4.15	Good
6355	08/11/21 09:00:00	7.72	27.08					8.041243543	100.9686475			0.32	4.16	Good
6356	08/11/21 09:30:00	7.75	27.08					8.073531167	101.3740621			0.32	4.17	Good
6357	08/11/21 10:00:00	7.71	27.10					8.032895233	100.8999446			0.32	4.19	Good
6358	08/11/21 10:30:00	7.71	27.14					8.033929136	100.9851933			0.32	4.20	Good
6359	08/11/21 11:00:00	7.73	27.20					8.055806006	101.3688954			0.33	4.21	Good
6360	08/11/21 11:30:00	7.69	27.26					8.015151297	100.9655185			0.33	4.23	Good
6361	08/11/21 12:00:00	7.78	27.32					8.11	102.2698176			0.33	4.24	Good
6362	08/11/21 12:30:00	8.09	27.42					8.17	103.155537			0.08	0.99	Excellent
6363	08/11/21 13:00:00	8.09	27.42					8.17092131	103.1671696			0.08	1.00	Excellent
6364	08/11/21 13:30:00	8.10	27.42					8.181943785	103.3063409			0.08	1.01	Excellent
6365	08/11/21 14:00:00	8.09	27.46					8.172763929	103.2640114			0.08	1.02	Excellent
6366	08/11/21 14:30:00	8.02	27.42					8.102961139	102.3090952			0.08	1.03	Excellent
6367	08/11/21 15:00:00	7.97	27.42					8.053351569	101.682718			0.08	1.05	Excellent
6368	08/11/21 15:30:00	7.97	27.42					8.054259213	101.694178			0.08	1.06	Excellent
6369	08/11/21 16:00:00	7.93	27.40					8.01473942	101.1591238			0.08	1.07	Excellent
6370	08/11/21 16:30:00	8.00	27.44					8.086398495	102.1363709			0.09	1.08	Excellent
6371	08/11/21 17:00:00	7.98	27.46					8.067091282	101.9288228			0.09	1.09	Excellent

6372	08/11/21 17:30:00	7.85	27.40					7.936566479	100.1724534			0.09	1.10	Excellent
6373	08/11/21 18:00:00	7.72	27.32					7.806012068	98.38414596			0.09	1.11	Excellent
6374	08/11/21 18:30:00	7.91	27.36					7.999029756	100.8888498			0.09	1.13	Excellent
6375	08/11/21 19:00:00	8.03	27.52					8.121294874	102.7233885			0.09	1.14	Excellent
6376	08/11/21 19:30:00	8.11	27.66					8.203127999	104.0171247			0.09	1.15	Excellent
6377	08/11/21 20:00:00	8.07	27.60					8.163587707	103.4054068			0.09	1.16	Excellent
6378	08/11/21 20:30:00	8.04	27.54					8.134155413	102.922687			0.09	1.17	Excellent
6379	08/11/21 21:00:00	8.12	27.54					8.216017009	103.958494			0.10	1.18	Excellent
6380	08/11/21 21:30:00	8.24	27.60					8.338374372	105.6193704			0.10	1.19	Excellent
6381	08/11/21 22:00:00	8.21	27.68					8.308951188	105.3964237			0.10	1.21	Excellent
6382	08/11/21 22:30:00	8.19	27.72					8.289642836	105.226224			0.10	1.22	Excellent
6383	08/11/21 23:00:00	8.16	27.72					8.260207126	104.852576			0.10	1.23	Excellent
6384	08/11/21 23:30:00	8.10	27.70				8.767	8.200392757	104.0563506		8.945	0.10	1.24	Excellent
6385	08/12/21 00:00:00	7.92	27.60	7.54	8.91	8.03542		8.019063757	101.5747708	8.158		0.10	1.25	Excellent
6386	08/12/21 00:30:00	7.61	27.36					7.706052907	97.19363947			0.10	1.26	Excellent
6387	08/12/21 01:00:00	7.54	27.26					7.636028046	96.13868441			0.10	1.27	Excellent
6388	08/12/21 01:30:00	7.59	27.30					7.687529206	96.85624784			0.10	1.28	Excellent
6389	08/12/21 02:00:00	7.58	27.34					7.678263938	96.80859947			0.10	1.30	Excellent
6390	08/12/21 02:30:00	7.59	27.36					7.689257943	96.98181069			0.10	1.31	Excellent
6391	08/12/21 03:00:00	7.69	27.38					7.791441446	98.30567438			0.10	1.32	Excellent
6392	08/12/21 03:30:00	7.65	27.40					7.751784993	97.84020872			0.10	1.33	Excellent
6393	08/12/21 04:00:00	7.62	27.44					7.722253622	97.53698883			0.10	1.34	Excellent
6394	08/12/21 04:30:00	7.66	27.44					7.763662726	98.06001224			0.10	1.35	Excellent
6395	08/12/21 05:00:00	7.66	27.44					7.764535067	98.07103045			0.10	1.36	Excellent
6396	08/12/21 05:30:00	7.65	27.44					7.755269799	97.95400422			0.11	1.38	Excellent
6397	08/12/21 06:00:00	7.61	27.42					7.715586015	97.41804392			0.11	1.39	Excellent
6398	08/12/21 06:30:00	7.59	27.40					7.696172891	97.138293			0.11	1.40	Excellent
6399	08/12/21 07:00:00	7.55	27.40					7.656473163	96.63721749			0.11	1.41	Excellent
6400	08/12/21 07:30:00	7.56	27.40					7.667475139	96.77608042			0.11	1.42	Excellent
6401	08/12/21 08:00:00	7.54	27.40					7.648049488	96.53089692			0.11	1.43	Excellent
6402	08/12/21 08:30:00	7.55	27.40					7.659052603	96.66977424			0.11	1.44	Excellent
6403	08/12/21 09:00:00	7.89	27.42					8.004862114	101.0704835			0.11	1.46	Excellent
6404	08/12/21 09:30:00	7.94	27.44					8.056494238	101.758661			0.12	1.47	Excellent
6405	08/12/21 10:00:00	8.04	27.48					8.158877036	103.1252796			0.12	1.48	Excellent
6406	08/12/21 10:30:00	8.00	27.50					8.119196668	102.6602898			0.12	1.49	Excellent
6407	08/12/21 11:00:00	8.03	27.54					8.150558133	103.130233			0.12	1.50	Excellent
6408	08/12/21 11:30:00	8.05	27.58					8.171775156	103.4723046			0.12	1.51	Excellent
6409	08/12/21 12:00:00	8.09	27.56					8.21330156	103.961125			0.12	1.52	Excellent
6410	08/12/21 12:30:00	8.09	27.62					8.21422287	104.0837899			0.12	1.54	Excellent
6411	08/12/21 13:00:00	8.05	27.68					8.17452542	103.6912752			0.12	1.55	Excellent
6412	08/12/21 13:30:00	7.92	27.74					8.0434164	102.1369557			0.12	1.56	Excellent
6413	08/12/21 14:00:00	7.92	27.80					8.04431835	102.2572093			0.12	1.57	Excellent
6414	08/12/21 14:30:00	7.90	27.82					8.024904087	102.0466066			0.12	1.58	Excellent
6415	08/12/21 15:00:00	7.91	27.80					8.035963004	102.1509984			0.13	1.59	Excellent
6416	08/12/21 15:30:00	8.02	27.86					8.14862804	103.6934088			0.13	1.60	Excellent
6417	08/12/21 16:00:00	8.17	27.92					8.301964222	105.7570012			0.13	1.62	Excellent
6418	08/12/21 16:30:00	8.35	28.02					8.485822553	108.2906045			0.14	1.63	Excellent
6419	08/12/21 17:00:00	8.52	28.12					8.659558082	110.7031903			0.14	1.64	Excellent
6420	08/12/21 17:30:00	8.67	28.22					8.813002452	112.8638581			0.14	1.65	Excellent
6421	08/12/21 18:00:00	8.85	28.28					8.996979222	115.3419278			0.15	1.66	Excellent
6422	08/12/21 18:30:00	8.87	28.28					9.018321517	115.6155376			0.15	1.67	Excellent
6423	08/12/21 19:00:00	8.59	28.20					8.734617691	111.8205597			0.14	1.68	Excellent
6424	08/12/21 19:30:00	8.44	28.12					8.583053521	109.7251613			0.14	1.69	Excellent
6425	08/12/21 20:00:00	8.57	28.20					8.716232926	111.5851979			0.15	1.71	Excellent
6426	08/12/21 20:30:00	8.81	28.34					8.961331435	115.0064413			0.15	1.72	Excellent
6427	08/12/21 21:00:00	8.91	28.50					9.064063852	116.6528197			0.15	1.73	Excellent
6428	08/12/21 21:30:00	8.74	28.52					8.892119696	114.4801642			0.15	1.74	Excellent
6429	08/12/21 22:00:00	8.47	28.40					8.618384931	110.7220964			0.15	1.75	Excellent
6430	08/12/21 22:30:00	8.33	28.34					8.476880929	108.7891812			0.15	1.76	Excellent
6431	08/12/21 23:00:00	8.24	28.32					8.386232373	107.5879198			0.15	1.77	Excellent
6432	08/12/21 23:30:00	8.16	28.30				8.533	8.305741922	106.5177552		8.722	0.15	1.79	Excellent
6433	08/13/21 00:00:00	8.07	28.22	7.09	8.33	7.64667		8.215053507	105.2062153	7.805		0.15	1.80	Excellent
6434	08/13/21 00:30:00	8.07	28.18					8.215972539	105.1437495			0.15	1.81	Excellent
6435	08/13/21 01:00:00	8.09	28.22					8.237255615	105.490547			0.15	1.82	Excellent
6436	08/13/21 01:30:00	7.99	28.20					8.136345318	104.1614779			0.15	1.83	Excellent
6437	08/13/21 02:00:00	7.72	28.08					7.862279155	100.4398268			0.14	1.84	Excellent
6438	08/13/21 02:30:00	7.38	27.84					7.516853428	95.62001097			0.14	1.85	Excellent
6439	08/13/21 03:00:00	7.27	27.74					7.405641534	94.03835931			0.14	1.87	Excellent
6440	08/13/21 03:30:00	7.24	27.76					7.375906312	93.69402552			0.14	1.88	Excellent
6441	08/13/21 04:00:00	7.18	27.76					7.315597693	92.9279424			0.14	1.89	Excellent
6442	08/13/21 04:30:00	7.26	27.78					7.397935318	94.00720633			0.14	1.90	Excellent
6443	08/13/21 05:00:00	7.19	27.80					7.327424179	93.14424356			0.14	1.91	Excellent
6444	08/13/21 05:30:00	7.28	27.80					7.419973435	94.32070479			0.14	1.92	Excellent
6445	08/13/21 06:00:00	7.27	27.82					7.41060909	94.23508394			0.14	1.93	Excellent
6446	08/13/21 06:30:00	7.28	27.82					7.421631565	94.37524838			0.14	1.95	Excellent
6447	08/13/21 07:00:00	7.48	27.90					7.626374384	97.11639669			0.15	1.96	Excellent
6448	08/13/21 07:30:00	7.45	27.90					7.596635746	96.7376965			0.15	1.97	Excellent
6449	08/13/21 08:00:00	7.41	27.90					7.556692309	96.22904555			0.15	1.98	Excellent
6450	08/13/21 08:30:00	7.42	27.90					7.567735283	96.36966988			0.15	1.99	Excellent
6451	08/13/21 09:00:00	7.42	27.90					7.568580292	96.38043046			0.15	2.00	Excellent
6452	08/13/21 09:30:00	7.49	27.94					7.640834973	97.36948696			0.15	2.01	Excellent
6453	08/13/21 10:00:00	7.49	27.98					7.641687953	97.4493228			0.15	2.03	Excellent
6454	08/13/21 10:30:00	7.53	28.02					7.683355571	98.0500375			0.15	2.04	Excellent
6455	08/13/21 11:00:00	7.64	28.12					7.796465888	99.66947954			0.16	2.05	Excellent
6456	08/13/21 11:30:00	7.65	28.18					7.807541887	99.91686613			0.16	2.06	Excellent
6457	08/13/21 12:00:00	7.61	28.26					7.767584785	99.54589769			0.16	2.07	Excellent
6458	08/13/21 12:30:00	7.75	28.40					7.911366438	101.6388899			0.16	2.08	Excellent
6459	08/13/21 13:00:00	7.87	28.52					8.034761271	103.4422411			0.16	2.09	Excellent
6460	08/13/21 13:30:00	7.82	28.52					7.984605064	102.7965131			0.16	2.10	Excellent
6461	08/13/21 14:00:00	8.03	28.60					8.199939882	105.7172513			0.17	2.12	Excellent
6462	08/13/21 14:30:00	8.09	28.68					8.262130979	106.6686769			0.17	2.13	Excellent
6463	08/13/21 15:00:00	8.29	28.78					8.467330466	109.5096858			0.18	2.14	Excellent
6464	08/13/21 15:30:00	8.24	28.76					8.417199314	108.8231949			0.18	2.15	Excellent
6465	08/13/21 16:00:00	8.27	28.78					8.448786266	109.2698499			0.18	2.16	Excellent
6466	08/13/21 16:30:00	8.33	28.82					8.511032027	110.1520181			0.18	2.17	Excellent
6467	08/13/21 17:00:00	8.16	28.80					8.338266777	107.87826			0.18	2.18	Excellent
6468	08/13/21 17:30:00	8.20	28.84					8.380074471	108.4951088			0.18	2.20	Excellent
6469	08/13/21 18:00:00	8.12	28.92					8.299242373	107.5990769			0.18	2.21	Excellent
6470	08/13/21 18:30:00	8.12	28.96					8.300167099	107.6863396			0.18	2.22	Excellent
6471	08/13/21 19:00:00	7.91	28.88					8.086408416	104.7663798			0.18	2.23	Excellent
6472	08/13/21 19:30:00	7.58	28.68					7.749912003	100.0556469			0.17	2.24	Excellent
6473	08/13/21 20:00:00	7.37	28.48					7.536043992	96.95339303			0.17	2.25	Excellent
6474	08/13/21 20:30:00	7.39	28.48					7.557336179	97.22732319			0.17	2.26	Excellent
6475	08/13/21 21:00:00	7.42	28.58					7.588860495	97.80459491			0.17	2.28	Excellent
6476	08/13/21 21:30:00	7.38	28.62					7.548790649	97.35652023			0.17	2.29	Excellent
6477	08/13/21 22:00:00	7.32	28.56					7.488251988	96.474069			0.17	2.30	Excellent
6478	08/13/21 22:30:00	7.27	28.56					7.437930652	95.82575962			0.17	2.31	Excellent
6479	08/13/21 23:00:00	7.14	28.56					7.305740886	94.12270735			0.17	2.32	Excellent
6480	08/13/21 23:30:00	7.09	28.52				8.293	7.255387663	93.40832099		8.492	0.17	2.33	Excellent
6481	08/14/21 00:00:00	6.88	28.32	6.32	7.20	6.69229		7.041272528	90.33327842	6.867		0.16	2.34	Excellent
6482	08/14/21 00:30:00	6.72	28.26					6.878287295	88.1490582			0.16	2.36	Excellent
6483	08/14/21 01:00:00	6.73	28.22					6.889289271	88.22779424			0.16	2.37	Excellent
6484	08/14/21 01:30:00	6.73	28.22					6.8900557	88.23760953			0.16	2.38	Excellent
6485	08/14/21 02:00:00	6.71	28.24					6.870344204	88.01621699			0.16	2.39	Excellent
6486	08/14/21 02:30:00	6.71	28.28					6.871108356	88.08810873			0.16	2.40	Excellent
6487	08/14/21 03:00:00	6.73	28.30					6.892354989	88.39164379			0.16	2.41	Excellent

6488	08/14/21 03:30:00	6.48	28.30					6.63706193	85.11761436			0.16	2.42	Excellent
6489	08/14/21 04:00:00	6.69	28.30					6.852913775	87.88582629			0.16	2.44	Excellent
6490	08/14/21 04:30:00	6.63	28.30					6.792207706	87.1072957			0.16	2.45	Excellent
6491	08/14/21 05:00:00	6.48	28.30					6.639275807	85.14600643			0.16	2.46	Excellent
6492	08/14/21 05:30:00	6.48	28.30					6.640013766	85.15547045			0.16	2.47	Excellent
6493	08/14/21 06:00:00	6.60	28.30					6.763728609	86.74206289			0.16	2.48	Excellent
6494	08/14/21 06:30:00	6.49	28.30					6.651738896	85.30584047			0.16	2.49	Excellent
6495	08/14/21 07:00:00	6.62	28.30					6.785732561	87.02425461			0.17	2.50	Excellent
6496	08/14/21 07:30:00	6.54	28.30					6.704474542	85.98215364			0.16	2.51	Excellent
6497	08/14/21 08:00:00	6.49	28.30					6.653956189	85.33427635			0.16	2.53	Excellent
6498	08/14/21 08:30:00	6.68	28.30					6.849516875	87.84226244			0.17	2.54	Excellent
6499	08/14/21 09:00:00	6.73	28.32					6.901552143	88.54078987			0.17	2.55	Excellent
6500	08/14/21 09:30:00	6.76	28.34					6.933086709	88.97669231			0.17	2.56	Excellent
6501	08/14/21 10:00:00	6.71	28.34					6.882570634	88.32838752			0.17	2.57	Excellent
6502	08/14/21 10:30:00	6.68	28.36					6.852559816	87.97422066			0.17	2.58	Excellent
6503	08/14/21 11:00:00	6.76	28.42					6.935396247	89.13177254			0.18	2.59	Excellent
6504	08/14/21 11:30:00	6.75	28.44					6.925905492	89.04112495			0.18	2.61	Excellent
6505	08/14/21 12:00:00	6.77	28.44					6.947197679	89.31486248			0.18	2.62	Excellent
6506	08/14/21 12:30:00	6.82	28.46					6.999283055	90.0161447			0.18	2.63	Excellent
6507	08/14/21 13:00:00	6.67	28.48					6.846099476	88.0770566			0.18	2.64	Excellent
6508	08/14/21 13:30:00	6.81	28.54					6.990571257	90.0306179			0.18	2.65	Excellent
6509	08/14/21 14:00:00	6.76	28.54					6.940015323	89.37951489			0.18	2.66	Excellent
6510	08/14/21 14:30:00	6.58	28.50					6.755971363	86.94809771			0.18	2.67	Excellent
6511	08/14/21 15:00:00	6.77	28.50					6.951823588	89.4686795			0.18	2.69	Excellent
6512	08/14/21 15:30:00	6.79	28.58					6.973133995	89.86916364			0.18	2.70	Excellent
6513	08/14/21 16:00:00	6.83	28.58					7.014990658	90.40860879			0.18	2.71	Excellent
6514	08/14/21 16:30:00	6.89	28.60					7.07740041	91.24497603			0.19	2.72	Excellent
6515	08/14/21 17:00:00	7.02	28.64					7.211735722	93.04218344			0.19	2.73	Excellent
6516	08/14/21 17:30:00	7.20	28.68					7.397471977	95.50545138			0.20	2.74	Excellent
6517	08/14/21 18:00:00	7.10	28.70					7.295537877	94.22246537			0.20	2.75	Excellent
6518	08/14/21 18:30:00	7.02	28.72					7.214134089	93.20380301			0.19	2.77	Excellent
6519	08/14/21 19:00:00	6.92	28.68					7.112156713	91.82187364			0.19	2.78	Excellent
6520	08/14/21 19:30:00	6.84	28.64					7.030714205	90.70673496			0.19	2.79	Excellent
6521	08/14/21 20:00:00	6.64	28.60					6.825893946	88.00244347			0.19	2.80	Excellent
6522	08/14/21 20:30:00	6.52	28.58					6.703276931	86.39126852			0.18	2.81	Excellent
6523	08/14/21 21:00:00	6.45	28.56					6.632043776	85.4432049			0.18	2.82	Excellent
6524	08/14/21 21:30:00	6.43	28.54					6.612211564	85.1577748			0.18	2.83	Excellent
6525	08/14/21 22:00:00	6.52	28.52					6.705504474	86.32893835			0.19	2.85	Excellent
6526	08/14/21 22:30:00	6.44	28.48					6.623961749	85.21919026			0.18	2.86	Excellent
6527	08/14/21 23:00:00	6.32	28.40					6.501253628	83.52289165			0.18	2.87	Excellent
6528	08/14/21 23:30:00	6.34	28.36				7.995	6.52254923	83.73749382		8.198	0.18	2.88	Excellent
6529	08/15/21 00:00:00	6.00	28.34	6.00	7.47	6.37542		6.173442819	79.22770121	6.577		0.17	2.89	Excellent
6530	08/15/21 00:30:00	6.29	28.34					6.47254221	83.0662331			0.18	2.90	Excellent
6531	08/15/21 01:00:00	6.30	28.32					6.48354988	83.17819175			0.18	2.91	Excellent
6532	08/15/21 01:30:00	6.25	28.32					6.432804901	82.5271787			0.18	2.92	Excellent
6533	08/15/21 02:00:00	6.30	28.32					6.4849848	83.1966005			0.18	2.94	Excellent
6534	08/15/21 02:30:00	6.40	28.32					6.588649915	84.52653194			0.19	2.95	Excellent
6535	08/15/21 03:00:00	6.29	28.26					6.476123816	82.99511067			0.19	2.96	Excellent
6536	08/15/21 03:30:00	6.41	28.24					6.600404655	84.55801211			0.19	2.97	Excellent
6537	08/15/21 04:00:00	6.31	28.24					6.498152823	83.24806035			0.19	2.98	Excellent
6538	08/15/21 04:30:00	6.22	28.24					6.406177534	82.06976175			0.19	2.99	Excellent
6539	08/15/21 05:00:00	6.22	28.22					6.406885884	82.04988748			0.19	3.00	Excellent
6540	08/15/21 05:30:00	6.24	28.20					6.42819743	82.29377172			0.19	3.02	Excellent
6541	08/15/21 06:00:00	6.24	28.20					6.428908057	82.30286917			0.19	3.03	Excellent
6542	08/15/21 06:30:00	6.18	28.20					6.367795428	81.5205054			0.19	3.04	Excellent
6543	08/15/21 07:00:00	6.15	28.20					6.337584177	81.13374102			0.19	3.05	Excellent
6544	08/15/21 07:30:00	6.15	28.20					6.338284555	81.14270726			0.19	3.06	Excellent
6545	08/15/21 08:00:00	6.23	28.22					6.421443273	82.23631692			0.19	3.07	Excellent
6546	08/15/21 08:30:00	6.23	28.20					6.422152761	82.21638788			0.19	3.08	Excellent
6547	08/15/21 09:00:00	6.18	28.20					6.371314398	81.56555525			0.19	3.10	Excellent
6548	08/15/21 09:30:00	6.15	28.20					6.341086065	81.17857219			0.19	3.11	Excellent
6549	08/15/21 10:00:00	6.15	28.20					6.341786443	81.18753842			0.19	3.12	Excellent
6550	08/15/21 10:30:00	6.09	28.24					6.2806089	80.46109764			0.19	3.13	Excellent
6551	08/15/21 11:00:00	6.13	28.26					6.322558947	81.02709188			0.19	3.14	Excellent
6552	08/15/21 11:30:00	6.26	28.28					6.457355484	82.78376683			0.20	3.15	Excellent
6553	08/15/21 12:00:00	6.13	28.30					6.323955147	81.10214747			0.19	3.16	Excellent
6554	08/15/21 12:30:00	6.40	28.36					6.603226881	84.77324595			0.20	3.18	Excellent
6555	08/15/21 13:00:00	6.46	28.42					6.665867814	85.66786852			0.21	3.19	Excellent
6556	08/15/21 13:30:00	6.45	28.40					6.656283676	85.51459335			0.21	3.20	Excellent
6557	08/15/21 14:00:00	6.38	28.42					6.584771509	84.62564149			0.20	3.21	Excellent
6558	08/15/21 14:30:00	6.48	28.50					6.688719053	86.08257296			0.21	3.22	Excellent
6559	08/15/21 15:00:00	6.54	28.58					6.751396428	87.01142855			0.21	3.23	Excellent
6560	08/15/21 15:30:00	6.59	28.54					6.803763095	87.62474095			0.21	3.24	Excellent
6561	08/15/21 16:00:00	6.43	28.58					6.639305361	85.56680831			0.21	3.26	Excellent
6562	08/15/21 16:30:00	6.54	28.60					6.753630804	87.07079508			0.21	3.27	Excellent
6563	08/15/21 17:00:00	6.47	28.66					6.682081056	86.2391009			0.21	3.28	Excellent
6564	08/15/21 17:30:00	6.68	28.70					6.899725411	89.11051517			0.22	3.29	Excellent
6565	08/15/21 18:00:00	6.61	28.74					6.828175663	88.24829968			0.22	3.30	Excellent
6566	08/15/21 18:30:00	6.24	28.72					6.446673734	83.2885141			0.21	3.31	Excellent
6567	08/15/21 19:00:00	6.47	28.72					6.685028336	86.36796274			0.22	3.32	Excellent
6568	08/15/21 19:30:00	6.74	28.72					6.964769266	89.98210662			0.22	3.33	Excellent
6569	08/15/21 20:00:00	6.57	28.72					6.78984822	87.72219482			0.22	3.35	Excellent
6570	08/15/21 20:30:00	6.61	28.70					6.831939481	88.23505437			0.22	3.36	Excellent
6571	08/15/21 21:00:00	6.58	28.70					6.801681539	87.84427058			0.22	3.37	Excellent
6572	08/15/21 21:30:00	6.41	28.70					6.626684191	85.58416559			0.22	3.38	Excellent
6573	08/15/21 22:00:00	6.67	28.72					6.89623285	89.09664281			0.23	3.39	Excellent
6574	08/15/21 22:30:00	6.60	28.70					6.824610217	88.14039632			0.22	3.40	Excellent
6575	08/15/21 23:00:00	6.13	28.68					6.339313347	81.84403869			0.21	3.41	Excellent
6576	08/15/21 23:30:00	7.47	28.68				7.671	7.725919333	99.74588826		7.874	0.26	3.43	Excellent
6577	08/16/21 00:00:00	6.59	28.60	5.81	6.76	6.28917		6.816521357	87.8816079	6.522		0.23	3.44	Excellent
6578	08/16/21 00:30:00	6.32	28.52					6.53796025	84.1719172			0.22	3.45	Excellent
6579	08/16/21 01:00:00	6.38	28.48					6.600756063	84.92064239			0.22	3.46	Excellent
6580	08/16/21 01:30:00	6.09	28.48					6.301415241	81.06953584			0.21	3.47	Excellent
6581	08/16/21 02:00:00	6.46	28.50					6.684995527	86.03465187			0.22	3.48	Excellent
6582	08/16/21 02:30:00	5.88	28.48					6.085464319	78.29126456			0.21	3.49	Excellent
6583	08/16/21 03:00:00	6.11	28.48					6.324197011	81.36262992			0.21	3.51	Excellent
6584	08/16/21 03:30:00	5.81	28.48					6.014341631	77.37625053			0.20	3.52	Excellent
6585	08/16/21 04:00:00	6.23	28.48					6.449822803	82.97884219			0.22	3.53	Excellent
6586	08/16/21 04:30:00	6.23	28.48					6.450532291	82.98796996			0.22	3.54	Excellent
6587	08/16/21 05:00:00	6.07	28.46					6.285559808	80.8371167			0.22	3.55	Excellent
6588	08/16/21 05:30:00	6.20	28.46					6.420882482	82.57747001			0.22	3.56	Excellent
6589	08/16/21 06:00:00	5.99	28.46					6.204083135	79.78926424			0.21	3.57	Excellent
6590	08/16/21 06:30:00	5.99	28.44					6.204765291	79.76997119			0.21	3.59	Excellent
6591	08/16/21 07:00:00	6.08	28.44					6.298684554	80.97742008			0.22	3.60	Excellent
6592	08/16/21 07:30:00	5.97	28.44					6.185407969	79.52110876			0.22	3.61	Excellent
6593	08/16/21 08:00:00	6.04	28.44					6.258621541	80.46236024			0.22	3.62	Excellent
6594	08/16/21 08:30:00	6.22	28.44					6.445845102	82.86935186			0.23	3.63	Excellent
6595	08/16/21 09:00:00	6.16	28.44					6.384368049	82.07898791			0.22	3.64	Excellent
6596	08/16/21 09:30:00	6.03	28.44					6.25031972	80.35563001			0.22	3.65	Excellent
6597	08/16/21 10:00:00	6.26	28.46					6.489436197	83.45912333			0.23	3.67	Excellent
6598	08/16/21 10:30:00	6.32	28.50					6.552355003	84.32759295			0.23	3.68	Excellent
6599	08/16/21 11:00:00	6.48	28.48					6.718975367	86.44156804			0.24	3.69	Excellent
6600	08/16/21 11:30:00	6.50	28.50					6.740453182	86.7483816			0.24	3.70	Excellent
6601	08/16/21 12:00:00	6.33	28.52					6.564885283	84.51855921			0.23	3.71	Excellent
6602	08/16/21 12:30:00	6.49	28.54					6.73156145	86.69486577			0.24	3.72	Excellent
6603	08/16/21 13:00:00	6.30	28.54					6.535207003	84.16604351			0.24	3.73	Excellent

6604	08/16/21 13:30:00	6.30	28.54					6.535924463	84.17528358			0.24	3.74	Excellent
6605	08/16/21 14:00:00	6.34	28.52					6.578144411	84.68926172			0.24	3.76	Excellent
6606	08/16/21 14:30:00	6.38	28.52					6.62037347	85.23293295			0.24	3.77	Excellent
6607	08/16/21 15:00:00	6.55	28.50					6.797524337	87.48287677			0.25	3.78	Excellent
6608	08/16/21 15:30:00	6.15	28.48					6.383108724	82.12054621			0.23	3.79	Excellent
6609	08/16/21 16:00:00	6.26	28.50					6.497991053	83.627939			0.24	3.80	Excellent
6610	08/16/21 16:30:00	6.50	28.50					6.747855548	86.84364867			0.25	3.81	Excellent
6611	08/16/21 17:00:00	6.66	28.58					6.914715065	89.11626539			0.25	3.82	Excellent
6612	08/16/21 17:30:00	6.72	28.56					6.977775086	89.89739611			0.26	3.84	Excellent
6613	08/16/21 18:00:00	6.76	28.54					7.020079308	90.41064808			0.26	3.85	Excellent
6614	08/16/21 18:30:00	6.52	28.50					6.771588237	87.14908398			0.25	3.86	Excellent
6615	08/16/21 19:00:00	6.37	28.50					6.616525596	85.15345656			0.25	3.87	Excellent
6616	08/16/21 19:30:00	6.23	28.48					6.471816939	83.26180313			0.24	3.88	Excellent
6617	08/16/21 20:00:00	6.29	28.44					6.534862155	84.01377674			0.24	3.89	Excellent
6618	08/16/21 20:30:00	6.37	28.44					6.618701891	85.09164077			0.25	3.90	Excellent
6619	08/16/21 21:00:00	6.40	28.42					6.65060202	85.4716768			0.25	3.92	Excellent
6620	08/16/21 21:30:00	6.46	28.40					6.713687095	86.25206643			0.25	3.93	Excellent
6621	08/16/21 22:00:00	6.19	28.38					6.433789007	82.62706691			0.24	3.94	Excellent
6622	08/16/21 22:30:00	6.35	28.36					6.600813654	84.74226457			0.25	3.95	Excellent
6623	08/16/21 23:00:00	6.24	28.36					6.487179478	83.28341148			0.25	3.96	Excellent
6624	08/16/21 23:30:00	6.31	28.34				7.316	6.560670923	84.19724469		7.515	0.25	3.97	Excellent
6625	08/17/21 00:00:00	6.32	28.34	6.01	6.76	6.42083		6.571787921	84.33991616	6.518		0.25	3.98	Excellent
6626	08/17/21 00:30:00	6.22	28.34					6.468512284	83.01451451			0.25	4.00	Excellent
6627	08/17/21 01:00:00	6.31	28.32					6.56282672	84.19524326			0.25	4.01	Excellent
6628	08/17/21 01:30:00	6.01	28.32					6.251490866	80.20108052			0.24	4.02	Excellent
6629	08/17/21 02:00:00	6.17	28.32					6.418622563	82.34523188			0.25	4.03	Excellent
6630	08/17/21 02:30:00	6.16	28.30					6.408921125	82.19180152			0.25	4.04	Excellent
6631	08/17/21 03:00:00	6.13	28.30					6.378406947	81.80046962			0.25	4.05	Excellent
6632	08/17/21 03:30:00	6.17	28.30					6.420730529	82.3432523			0.25	4.06	Excellent
6633	08/17/21 04:00:00	6.12	28.28					6.369395638	81.65611521			0.25	4.08	Excellent
6634	08/17/21 04:30:00	6.21	28.28					6.463770432	82.86600692			0.25	4.09	Excellent
6635	08/17/21 05:00:00	6.24	28.26					6.495707003	83.24608004			0.26	4.10	Excellent
6636	08/17/21 05:30:00	6.11	28.26					6.361075596	81.52070405			0.25	4.11	Excellent
6637	08/17/21 06:00:00	6.20	28.24					6.455479999	82.70137733			0.26	4.12	Excellent
6638	08/17/21 06:30:00	6.15	28.24					6.404120054	82.0434033			0.25	4.13	Excellent
6639	08/17/21 07:00:00	6.09	28.24					6.342334379	81.25186488			0.25	4.14	Excellent
6640	08/17/21 07:30:00	6.21	28.22					6.468013695	82.83272178			0.26	4.15	Excellent
6641	08/17/21 08:00:00	6.20	28.22					6.458304286	82.70837807			0.26	4.17	Excellent
6642	08/17/21 08:30:00	6.29	28.22					6.552770185	83.91815714			0.26	4.18	Excellent
6643	08/17/21 09:00:00	6.32	28.20					6.584743199	84.29787037			0.26	4.19	Excellent
6644	08/17/21 09:30:00	6.13	28.22					6.387482247	81.80139449			0.26	4.20	Excellent
6645	08/17/21 10:00:00	6.13	28.22					6.388180347	81.81033472			0.26	4.21	Excellent
6646	08/17/21 10:30:00	6.11	28.24					6.368033819	81.5811013			0.26	4.22	Excellent
6647	08/17/21 11:00:00	6.14	28.24					6.40	81.99062115			0.26	4.23	Excellent
6648	08/17/21 11:30:00	6.34	28.18					6.290928793	81.01098762			-0.05	-0.77	Excellent
6649	08/17/21 12:00:00	6.46	28.26					6.41	82.66098348			-0.05	-0.77	Excellent
6650	08/17/21 12:30:00	6.49	28.34					6.440170643	83.16731353			-0.05	-0.77	Excellent
6651	08/17/21 13:00:00	6.53	28.38					6.480268853	83.74414831			-0.05	-0.76	Excellent
6652	08/17/21 13:30:00	6.66	28.42					6.609692192	85.47688251			-0.05	-0.76	Excellent
6653	08/17/21 14:00:00	6.70	28.44					6.64980592	86.02592441			-0.05	-0.75	Excellent
6654	08/17/21 14:30:00	6.69	28.48					6.640296092	85.96340018			-0.05	-0.74	Excellent
6655	08/17/21 15:00:00	6.70	28.44					6.650637672	86.03668446			-0.05	-0.74	Excellent
6656	08/17/21 15:30:00	6.72	28.42					6.670907439	86.26852127			-0.05	-0.73	Excellent
6657	08/17/21 16:00:00	6.76	28.40					6.711034822	86.75688575			-0.05	-0.72	Excellent
6658	08/17/21 16:30:00	6.72	28.38					6.671741675	86.21854077			-0.05	-0.72	Excellent
6659	08/17/21 17:00:00	6.71	28.36					6.662229985	86.06528518			-0.05	-0.71	Excellent
6660	08/17/21 17:30:00	6.72	28.36					6.67257591	86.19893788			-0.05	-0.71	Excellent
6661	08/17/21 18:00:00	6.65	28.34					6.603482684	85.27629859			-0.05	-0.70	Excellent
6662	08/17/21 18:30:00	6.60	28.32					6.554242107	84.61057495			-0.05	-0.69	Excellent
6663	08/17/21 19:00:00	6.62	28.30					6.574514357	84.84234702			-0.05	-0.69	Excellent
6664	08/17/21 19:30:00	6.60	28.28					6.555061445	84.56147576			-0.04	-0.68	Excellent
6665	08/17/21 20:00:00	6.60	28.24					6.555471114	84.50709246			-0.04	-0.67	Excellent
6666	08/17/21 20:30:00	6.64	28.24					6.595613394	85.02456974			-0.04	-0.67	Excellent
6667	08/17/21 21:00:00	6.65	28.22					6.605959319	85.12788054			-0.04	-0.66	Excellent
6668	08/17/21 21:30:00	6.67	28.22					6.62624088	85.38923944			-0.04	-0.66	Excellent
6669	08/17/21 22:00:00	6.70	28.20					6.656459939	85.74837206			-0.04	-0.65	Excellent
6670	08/17/21 22:30:00	6.69	28.20					6.64694018	85.62573873			-0.04	-0.64	Excellent
6671	08/17/21 23:00:00	6.72	28.20					6.677164204	86.01508395			-0.04	-0.64	Excellent
6672	08/17/21 23:30:00	6.72	28.20				7.047	6.677581322	86.02045725		7.218	-0.04	-0.63	Excellent
6673	08/18/21 00:00:00	6.72	28.18	6.07	6.72	6.42833		6.677998439	85.99544944	6.397		-0.04	-0.63	Excellent
6674	08/18/21 00:30:00	6.72	28.18					6.678415557	86.00082084			-0.04	-0.62	Excellent
6675	08/18/21 01:00:00	6.72	28.18					6.678832674	86.00619224			-0.04	-0.61	Excellent
6676	08/18/21 01:30:00	6.68	28.16					6.639492353	85.46938711			-0.04	-0.61	Excellent
6677	08/18/21 02:00:00	6.67	28.14					6.629967007	85.31661185			-0.04	-0.60	Excellent
6678	08/18/21 02:30:00	6.66	28.14					6.62044042	85.19402057			-0.04	-0.59	Excellent
6679	08/18/21 03:00:00	6.59	28.12					6.55126526	84.27405598			-0.04	-0.59	Excellent
6680	08/18/21 03:30:00	6.59	28.10					6.551674308	84.24952327			-0.04	-0.58	Excellent
6681	08/18/21 04:00:00	6.57	28.10					6.53219843	83.99907836			-0.04	-0.58	Excellent
6682	08/18/21 04:30:00	6.54	28.10					6.502776984	83.62074106			-0.04	-0.57	Excellent
6683	08/18/21 05:00:00	6.53	28.10					6.493239225	83.49809276			-0.04	-0.56	Excellent
6684	08/18/21 05:30:00	6.54	28.08					6.503588874	83.60160831			-0.04	-0.56	Excellent
6685	08/18/21 06:00:00	6.50	28.08					6.464215034	83.09546987			-0.04	-0.55	Excellent
6686	08/18/21 06:30:00	6.49	28.08					6.454672929	82.97280908			-0.04	-0.54	Excellent
6687	08/18/21 07:00:00	6.45	28.06					6.41529102	82.43739826			-0.03	-0.54	Excellent
6688	08/18/21 07:30:00	6.49	28.06					6.455478612	82.9538145			-0.03	-0.53	Excellent
6689	08/18/21 08:00:00	6.50	28.08					6.465828882	83.11621538			-0.03	-0.53	Excellent
6690	08/18/21 08:30:00	6.52	28.08					6.486128444	83.37715992			-0.03	-0.52	Excellent
6691	08/18/21 09:00:00	6.51	28.08					6.476584477	83.2544752			-0.03	-0.51	Excellent
6692	08/18/21 09:30:00	6.49	28.10					6.457089977	83.03324107			-0.03	-0.51	Excellent
6693	08/18/21 10:00:00	6.58	28.14					6.547042025	84.24950571			-0.03	-0.50	Excellent
6694	08/18/21 10:30:00	6.65	28.18					6.617104181	85.21128796			-0.03	-0.49	Excellent
6695	08/18/21 11:00:00	6.57	28.18					6.537907727	84.19144127			-0.03	-0.49	Excellent
6696	08/18/21 11:30:00	6.51	28.22					6.47860489	83.4867241			-0.03	-0.48	Excellent
6697	08/18/21 12:00:00	6.48	28.24					6.449151789	83.13652169			-0.03	-0.48	Excellent
6698	08/18/21 12:30:00	6.50	28.28					6.46946004	83.45720218			-0.03	-0.47	Excellent
6699	08/18/21 13:00:00	6.49	28.28					6.459909866	83.33400321			-0.03	-0.46	Excellent
6700	08/18/21 13:30:00	6.49	28.24					6.460312707	83.28039797			-0.03	-0.46	Excellent
6701	08/18/21 14:00:00	6.36	28.24					6.33130214	81.61731263			-0.03	-0.45	Excellent
6702	08/18/21 14:30:00	6.43	28.24					6.4013854	82.52076143			-0.03	-0.45	Excellent
6703	08/18/21 15:00:00	6.34	28.20					6.312179446	81.31335824			-0.03	-0.44	Excellent
6704	08/18/21 15:30:00	6.30	28.16					6.272746018	80.74830561			-0.03	-0.43	Excellent
6705	08/18/21 16:00:00	6.28	28.16					6.253222345	80.49697972			-0.03	-0.43	Excellent
6706	08/18/21 16:30:00	6.37	28.16					6.343233981	81.65568869			-0.03	-0.42	Excellent
6707	08/18/21 17:00:00	6.31	28.12					6.283877763	80.83444119			-0.03	-0.41	Excellent
6708	08/18/21 17:30:00	6.30	28.12					6.274310209	80.71136625			-0.03	-0.41	Excellent
6709	08/18/21 18:00:00	6.29	28.08					6.264741413	80.53129863			-0.03	-0.40	Excellent
6710	08/18/21 18:30:00	6.28	28.06					6.255171376	80.37983816			-0.02	-0.40	Excellent
6711	08/18/21 19:00:00	6.22	28.02					6.195794675	79.56050612			-0.02	-0.39	Excellent
6712	08/18/21 19:30:00	6.17	28.00					6.14637223	78.89793235			-0.02	-0.38	Excellent
6713	08/18/21 20:00:00	6.12	27.98					6.096943578	78.23573094			-0.02	-0.38	Excellent
6714	08/18/21 20:30:00	6.07	27.96					6.047508719	77.57390189			-0.02	-0.37	Excellent
6715	08/18/21 21:00:00	6.10	27.94					6.077776193	77.93453754			-0.02	-0.36	Excellent
6716	08/18/21 21:30:00	6.12	27.92					6.098083203	78.16722434			-0.02	-0.36	Excellent
6717	08/18/21 22:00:00	6.11	27.92					6.088498269	78.04436152			-0.02	-0.35	Excellent
6718	08/18/21 22:30:00	6.15	27.90					6.128739242	78.53233953			-0.02	-0.35	Excellent
6719	08/18/21 23:00:00	6.25	27.86					6.228781483	79.75767057			-0.02	-0.34	Excellent

6720	08/18/21 23:30:00	6.24	27.88				6.841	6.219202756	79.66326727		6.978	-0.02	-0.33	Excellent
6721	08/19/21 00:00:00	6.24	27.88	6.20	6.55	6.34188		6.219590079	79.66822859	6.330		-0.02	-0.33	Excellent
6722	08/19/21 00:30:00	6.24	27.88					6.219977403	79.67318991			-0.02	-0.32	Excellent
6723	08/19/21 01:00:00	6.20	27.86					6.180490593	79.13932028			-0.02	-0.31	Excellent
6724	08/19/21 01:30:00	6.30	27.86					6.280566973	80.42076818			-0.02	-0.31	Excellent
6725	08/19/21 02:00:00	6.32	27.84					6.30089757	80.65247764			-0.02	-0.30	Excellent
6726	08/19/21 02:30:00	6.27	27.82					6.251437883	79.99099557			-0.02	-0.30	Excellent
6727	08/19/21 03:00:00	6.24	27.82					6.22191402	79.61321957			-0.02	-0.29	Excellent
6728	08/19/21 03:30:00	6.21	27.80					6.192386433	79.20727652			-0.02	-0.28	Excellent
6729	08/19/21 04:00:00	6.21	27.82					6.192771895	79.24032814			-0.02	-0.28	Excellent
6730	08/19/21 04:30:00	6.21	27.80					6.193157356	79.21713745			-0.02	-0.27	Excellent
6731	08/19/21 05:00:00	6.22	27.80					6.203516316	79.34963968			-0.02	-0.27	Excellent
6732	08/19/21 05:30:00	6.24	27.78					6.223850638	79.58147797			-0.02	-0.26	Excellent
6733	08/19/21 06:00:00	6.26	27.76					6.244187442	79.81316607			-0.02	-0.25	Excellent
6734	08/19/21 06:30:00	6.24	27.74					6.224625285	79.53486512			-0.02	-0.25	Excellent
6735	08/19/21 07:00:00	6.28	27.72					6.264916535	80.02124699			-0.02	-0.24	Excellent
6736	08/19/21 07:30:00	6.32	27.70					6.305212751	80.50732926			-0.01	-0.23	Excellent
6737	08/19/21 08:00:00	6.32	27.68					6.305605041	80.48372125			-0.01	-0.23	Excellent
6738	08/19/21 08:30:00	6.30	27.68					6.286041642	80.2340172			-0.01	-0.22	Excellent
6739	08/19/21 09:00:00	6.26	27.68					6.246518832	79.72955445			-0.01	-0.22	Excellent
6740	08/19/21 09:30:00	6.26	27.68					6.246907396	79.73451403			-0.01	-0.21	Excellent
6741	08/19/21 10:00:00	6.29	27.66					6.277235079	80.09312626			-0.01	-0.20	Excellent
6742	08/19/21 10:30:00	6.36	27.64					6.347487794	80.9607003			-0.01	-0.20	Excellent
6743	08/19/21 11:00:00	6.39	27.64					6.377825408	81.34764937			-0.01	-0.19	Excellent
6744	08/19/21 11:30:00	6.46	27.62					6.448093019	82.21464097			-0.01	-0.18	Excellent
6745	08/19/21 12:00:00	6.44	27.66					6.42852962	82.02353871			-0.01	-0.18	Excellent
6746	08/19/21 12:30:00	6.49	27.66					6.478843406	82.6655074			-0.01	-0.17	Excellent
6747	08/19/21 13:00:00	6.51	27.66					6.499213108	82.92541054			-0.01	-0.17	Excellent
6748	08/19/21 13:30:00	6.49	27.64					6.479649089	82.64638625			-0.01	-0.16	Excellent
6749	08/19/21 14:00:00	6.53	27.62					6.519990617	83.13135156			-0.01	-0.15	Excellent
6750	08/19/21 14:30:00	6.55	27.54					6.540366526	83.27248249			-0.01	-0.15	Excellent
6751	08/19/21 15:00:00	6.54	27.52					6.530787178	83.12090137			-0.01	-0.14	Excellent
6752	08/19/21 15:30:00	6.45	27.38					6.441314318	81.77773705			-0.01	-0.13	Excellent
6753	08/19/21 16:00:00	6.46	27.30					6.451701831	81.79269105			-0.01	-0.13	Excellent
6754	08/19/21 16:30:00	6.44	27.22					6.43212726	81.42800556			-0.01	-0.12	Excellent
6755	08/19/21 17:00:00	6.40	27.14					6.392573414	80.81150572			-0.01	-0.12	Excellent
6756	08/19/21 17:30:00	6.34	27.08					6.333036569	79.97288587			-0.01	-0.11	Excellent
6757	08/19/21 18:00:00	6.35	27.00					6.343419737	79.98920392			-0.01	-0.10	Excellent
6758	08/19/21 18:30:00	6.33	26.96					6.323833372	79.68501745			-0.01	-0.10	Excellent
6759	08/19/21 19:00:00	6.32	26.92					6.314235403	79.50696685			-0.01	-0.09	Excellent
6760	08/19/21 19:30:00	6.31	26.86					6.304636193	79.30058299			-0.01	-0.09	Excellent
6761	08/19/21 20:00:00	6.32	26.84					6.315019981	79.40264557			0.00	-0.08	Excellent
6762	08/19/21 20:30:00	6.36	26.84					6.355383234	79.91015767			0.00	-0.07	Excellent
6763	08/19/21 21:00:00	6.36	26.84					6.355778006	79.91512139			0.00	-0.07	Excellent
6764	08/19/21 21:30:00	6.40	26.86					6.396148708	80.45164002			0.00	-0.06	Excellent
6765	08/19/21 22:00:00	6.39	26.90					6.38655136	80.38867027			0.00	-0.05	Excellent
6766	08/19/21 22:30:00	6.34	26.92					6.336971875	79.79325772			0.00	-0.05	Excellent
6767	08/19/21 23:00:00	6.33	26.92					6.327369561	79.67234825			0.00	-0.04	Excellent
6768	08/19/21 23:30:00	6.32	26.94				6.599	6.317766006	79.5799923		6.717	0.00	-0.04	Excellent
6769	08/20/21 00:00:00	6.34	26.96	6.32	6.69	6.50021		6.338152467	79.86544873	6.508		0.00	-0.03	Excellent
6770	08/20/21 00:30:00	6.32	26.98					6.318550584	79.6470284			0.00	-0.02	Excellent
6771	08/20/21 01:00:00	6.35	26.98					6.348937855	80.03006812			0.00	-0.02	Excellent
6772	08/20/21 01:30:00	6.34	26.98					6.339333059	79.90899708			0.00	-0.01	Excellent
6773	08/20/21 02:00:00	6.34	27.00					6.339726589	79.9426341			0.00	0.00	Excellent
6774	08/20/21 02:30:00	6.36	27.00					6.360120499	80.19979706			0.00	0.00	Excellent
6775	08/20/21 03:00:00	6.33	27.02					6.33051284	79.8550881			0.00	0.01	Excellent
6776	08/20/21 03:30:00	6.40	27.02					6.400915766	80.74317284			0.00	0.01	Excellent
6777	08/20/21 04:00:00	6.38	27.02					6.381308918	80.49584586			0.00	0.02	Excellent
6778	08/20/21 04:30:00	6.43	27.00					6.431718293	81.10263036			0.00	0.03	Excellent
6779	08/20/21 05:00:00	6.44	26.98					6.442120703	81.20466296			0.00	0.03	Excellent
6780	08/20/21 05:30:00	6.42	26.98					6.422512613	80.95749772			0.00	0.04	Excellent
6781	08/20/21 06:00:00	6.44	26.96					6.442920179	81.18560004			0.00	0.05	Excellent
6782	08/20/21 06:30:00	6.39	26.96					6.393294141	80.56027495			0.00	0.05	Excellent
6783	08/20/21 07:00:00	6.39	26.94					6.393690775	80.53635766			0.00	0.06	Excellent
6784	08/20/21 07:30:00	6.40	26.92					6.404093805	80.63843703			0.00	0.06	Excellent
6785	08/20/21 08:00:00	6.40	26.90					6.40449106	80.6144805			0.00	0.07	Excellent
6786	08/20/21 08:30:00	6.47	26.88					6.474941781	81.47198192			0.00	0.08	Excellent
6787	08/20/21 09:00:00	6.46	26.86					6.465335122	81.32187628			0.01	0.08	Excellent
6788	08/20/21 09:30:00	6.45	26.84					6.455727222	81.17184459			0.01	0.09	Excellent
6789	08/20/21 10:00:00	6.50	26.80					6.506175081	81.74734436			0.01	0.10	Excellent
6790	08/20/21 10:30:00	6.49	26.76					6.496568422	81.56792611			0.01	0.10	Excellent
6791	08/20/21 11:00:00	6.47	26.72					6.47694978	81.26307693			0.01	0.11	Excellent
6792	08/20/21 11:30:00	6.53	26.68					6.537419554	81.9626991			0.01	0.11	Excellent
6793	08/20/21 12:00:00	6.52	26.66					6.527812895	81.81277232			0.01	0.12	Excellent
6794	08/20/21 12:30:00	6.55	26.66					6.558255409	82.19430693			0.01	0.13	Excellent
6795	08/20/21 13:00:00	6.54	26.66					6.548648751	82.07390712			0.01	0.13	Excellent
6796	08/20/21 13:30:00	6.53	26.66					6.53904085	81.95349176			0.01	0.14	Excellent
6797	08/20/21 14:00:00	6.59	26.72					6.599532969	82.80106741			0.01	0.14	Excellent
6798	08/20/21 14:30:00	6.59	26.84					6.599942018	82.98514627			0.01	0.15	Excellent
6799	08/20/21 15:00:00	6.62	26.86					6.630398188	83.39806227			0.01	0.16	Excellent
6800	08/20/21 15:30:00	6.62	26.86					6.630809098	83.40323076			0.01	0.16	Excellent
6801	08/20/21 16:00:00	6.66	26.90					6.671287803	83.97269908			0.01	0.17	Excellent
6802	08/20/21 16:30:00	6.64	26.88					6.651666058	83.69564316			0.01	0.18	Excellent
6803	08/20/21 17:00:00	6.67	26.88					6.68213278	84.07899553			0.01	0.18	Excellent
6804	08/20/21 17:30:00	6.68	26.92					6.692565605	84.2707878			0.01	0.19	Excellent
6805	08/20/21 18:00:00	6.69	26.96					6.702999671	84.46279565			0.01	0.19	Excellent
6806	08/20/21 18:30:00	6.66	26.94					6.67335477	84.05906784			0.01	0.20	Excellent
6807	08/20/21 19:00:00	6.63	26.90					6.643706145	83.62552378			0.01	0.21	Excellent
6808	08/20/21 19:30:00	6.64	26.88					6.65413897	83.72675897			0.01	0.21	Excellent
6809	08/20/21 20:00:00	6.62	26.84					6.634507293	83.41975682			0.01	0.22	Excellent
6810	08/20/21 20:30:00	6.62	26.82					6.634918204	83.39493402			0.01	0.23	Excellent
6811	08/20/21 21:00:00	6.60	26.82					6.615282803	83.14813475			0.02	0.23	Excellent
6812	08/20/21 21:30:00	6.60	26.80					6.615692472	83.12338415			0.02	0.24	Excellent
6813	08/20/21 22:00:00	6.52	26.78					6.535906963	82.09137646			0.02	0.24	Excellent
6814	08/20/21 22:30:00	6.48	26.78					6.496211595	81.5928003			0.02	0.25	Excellent
6815	08/20/21 23:00:00	6.47	26.76					6.486588177	81.44261874			0.02	0.26	Excellent
6816	08/20/21 23:30:00	6.43	26.74				6.435	6.44688474	80.91499186		6.531	0.02	0.26	Excellent
6817	08/21/21 00:00:00	6.42	26.72	6.36	8.61	8.04167		6.437256977	80.765071	8.075		0.02	0.27	Excellent
6818	08/21/21 00:30:00	6.42	26.70					6.437655473	80.74098902			0.02	0.28	Excellent
6819	08/21/21 01:00:00	6.36	26.66					6.377885241	79.93373607			0.02	0.28	Excellent
6820	08/21/21 01:30:00	6.78	26.62					6.799487183	85.1562406			0.02	0.29	Excellent
6821	08/21/21 02:00:00	7.50	26.60					7.522022152	94.17124679			0.02	0.29	Excellent
6822	08/21/21 02:30:00	7.46	26.58					7.48236775	93.6410147			0.02	0.30	Excellent
6823	08/21/21 03:00:00	7.65	26.56					7.673412282	95.99727419			0.02	0.31	Excellent
6824	08/21/21 03:30:00	7.73	26.54					7.754136926	96.97216667			0.02	0.31	Excellent
6825	08/21/21 04:00:00	7.55	26.50					7.574043513	94.6515722			0.02	0.32	Excellent
6826	08/21/21 04:30:00	7.66	26.50					7.68486928	96.03654353			0.02	0.32	Excellent
6827	08/21/21 05:00:00	7.63	26.50					7.655245483	95.66633982			0.03	0.33	Excellent
6828	08/21/21 05:30:00	8.22	26.48					8.247707848	103.0330232			0.03	0.34	Excellent
6829	08/21/21 06:00:00	8.23	26.46					8.258252401	103.1274839			0.03	0.34	Excellent
6830	08/21/21 06:30:00	8.27	26.44					8.298903043	103.5976761			0.03	0.35	Excellent
6831	08/21/21 07:00:00	8.27	26.40					8.299416371	103.5291991			0.03	0.36	Excellent
6832	08/21/21 07:30:00	8.16	26.38					8.189531601	102.1215246			0.03	0.36	Excellent
6833	08/21/21 08:00:00	8.26	26.40					8.290406215	103.416804			0.03	0.37	Excellent
6834	08/21/21 08:30:00	8.13	26.38					8.160432304	101.7586633			0.03	0.37	Excellent
6835	08/21/21 09:00:00	8.04	26.38					8.070594467	100.6384067			0.03	0.38	Excellent

6836	08/21/21 09:30:00	8.11	26.36					8.141364233	101.4841678			0.03	0.39	Excellent
6837	08/21/21 10:00:00	8.04	26.36					8.07159257	100.6144463			0.03	0.39	Excellent
6838	08/21/21 10:30:00	8.28	26.34					8.31304958	103.586777			0.03	0.40	Excellent
6839	08/21/21 11:00:00	8.18	26.32					8.213158172	102.3050176			0.03	0.41	Excellent
6840	08/21/21 11:30:00	7.99	26.36					8.022883942	100.007281			0.03	0.41	Excellent
6841	08/21/21 12:00:00	8.37	26.36					8.404967419	104.7700483			0.03	0.42	Excellent
6842	08/21/21 12:30:00	8.22	26.38					8.254850987	102.9360419			0.03	0.42	Excellent
6843	08/21/21 13:00:00	8.30	26.38					8.33570536	103.9442769			0.04	0.43	Excellent
6844	08/21/21 13:30:00	8.19	26.38					8.225740518	102.5730413			0.04	0.44	Excellent
6845	08/21/21 14:00:00	8.25	26.38					8.28651444	103.3308777			0.04	0.44	Excellent
6846	08/21/21 14:30:00	8.01	26.40					8.045949391	100.3673824			0.04	0.45	Excellent
6847	08/21/21 15:00:00	8.41	26.40					8.448266634	105.3859982			0.04	0.46	Excellent
6848	08/21/21 15:30:00	8.21	26.44					8.247866211	102.9605681			0.04	0.46	Excellent
6849	08/21/21 16:00:00	8.09	26.44					8.127814901	101.4619319			0.04	0.47	Excellent
6850	08/21/21 16:30:00	8.05	26.44					8.088127602	100.9665036			0.04	0.47	Excellent
6851	08/21/21 17:00:00	8.23	26.46					8.26949099	103.2678293			0.04	0.48	Excellent
6852	08/21/21 17:30:00	8.17	26.46					8.209710205	102.5212982			0.04	0.49	Excellent
6853	08/21/21 18:00:00	8.33	26.46					8.371004936	104.5355161			0.04	0.49	Excellent
6854	08/21/21 18:30:00	8.50	26.46					8.542369375	106.6754826			0.04	0.50	Excellent
6855	08/21/21 19:00:00	8.48	26.44					8.522796045	106.3925991			0.04	0.50	Excellent
6856	08/21/21 19:30:00	8.55	26.42					8.593680022	107.238693			0.04	0.51	Excellent
6857	08/21/21 20:00:00	8.50	26.42					8.543952188	106.61815			0.04	0.52	Excellent
6858	08/21/21 20:30:00	8.61	26.40					8.655055413	107.9655382			0.05	0.52	Excellent
6859	08/21/21 21:00:00	8.60	26.38					8.645536895	107.8078029			0.05	0.53	Excellent
6860	08/21/21 21:30:00	8.56	26.36					8.605856424	107.2741806			0.05	0.54	Excellent
6861	08/21/21 22:00:00	8.51	26.34					8.556116796	106.6155752			0.05	0.54	Excellent
6862	08/21/21 22:30:00	8.52	26.36					8.566699832	106.7860838			0.05	0.55	Excellent
6863	08/21/21 23:00:00	8.50	26.38					8.547117813	106.5805402			0.05	0.55	Excellent
6864	08/21/21 23:30:00	8.50	26.38				6.628	8.547645417	106.5871193		6.704	0.05	0.56	Excellent
6865	08/22/21 00:00:00	8.46	26.36	8.19	8.92	8.58438		8.507946324	106.0537064	8.646		0.05	0.57	Excellent
6866	08/22/21 00:30:00	8.51	26.36					8.55875792	106.6870859			0.05	0.57	Excellent
6867	08/22/21 01:00:00	8.56	26.38					8.609575723	107.3593756			0.05	0.58	Excellent
6868	08/22/21 01:30:00	8.66	26.36					8.710692414	108.5809878			0.05	0.59	Excellent
6869	08/22/21 02:00:00	8.77	26.34					8.821880676	109.9271907			0.05	0.59	Excellent
6870	08/22/21 02:30:00	8.72	26.32					8.772126151	109.2676534			0.05	0.60	Excellent
6871	08/22/21 03:00:00	8.73	26.28					8.782727809	109.3205073			0.05	0.60	Excellent
6872	08/22/21 03:30:00	8.82	26.26					8.873818862	110.4143305			0.05	0.61	Excellent
6873	08/22/21 04:00:00	8.82	26.24					8.874366328	110.3811369			0.05	0.62	Excellent
6874	08/22/21 04:30:00	8.72	26.28					8.77429119	109.2154948			0.05	0.62	Excellent
6875	08/22/21 05:00:00	8.55	26.32					8.603763469	107.1704885			0.05	0.63	Excellent
6876	08/22/21 05:30:00	8.58	26.36					8.634484682	107.6310391			0.05	0.64	Excellent
6877	08/22/21 06:00:00	8.48	26.42					8.534376025	106.4986512			0.05	0.64	Excellent
6878	08/22/21 06:30:00	8.44	26.48					8.494643414	106.1178218			0.05	0.65	Excellent
6879	08/22/21 07:00:00	8.41	26.52					8.464971202	105.8235536			0.05	0.65	Excellent
6880	08/22/21 07:30:00	8.48	26.56					8.535955113	106.7880095			0.06	0.66	Excellent
6881	08/22/21 08:00:00	8.51	26.58					8.566681293	107.2110802			0.06	0.67	Excellent
6882	08/22/21 08:30:00	8.38	26.58					8.436335577	105.5798178			0.06	0.67	Excellent
6883	08/22/21 09:00:00	8.19	26.58					8.24556664	103.1923654			0.06	0.68	Excellent
6884	08/22/21 09:30:00	8.36	26.58					8.417238952	105.3408256			0.06	0.68	Excellent
6885	08/22/21 10:00:00	8.58	26.58					8.639277811	108.1196177			0.06	0.69	Excellent
6886	08/22/21 10:30:00	8.39	26.58					8.448485908	105.7318779			0.06	0.70	Excellent
6887	08/22/21 11:00:00	8.34	26.58					8.398655035	105.1082499			0.06	0.70	Excellent
6888	08/22/21 11:30:00	8.48	26.56					8.540166015	106.8406894			0.06	0.71	Excellent
6889	08/22/21 12:00:00	8.72	26.56					8.782410087	109.8712539			0.06	0.72	Excellent
6890	08/22/21 12:30:00	8.65	26.54					8.712446003	108.9566478			0.06	0.72	Excellent
6891	08/22/21 13:00:00	8.66	26.50					8.72305573	109.0105883			0.06	0.73	Excellent
6892	08/22/21 13:30:00	8.55	26.46					8.612785499	107.5548258			0.06	0.73	Excellent
6893	08/22/21 14:00:00	8.53	26.42					8.593168099	107.2323049			0.06	0.74	Excellent
6894	08/22/21 14:30:00	8.44	26.38					8.503025492	106.0307194			0.06	0.75	Excellent
6895	08/22/21 15:00:00	8.50	26.36					8.564001145	106.752444			0.06	0.75	Excellent
6896	08/22/21 15:30:00	8.48	26.30					8.544376917	106.3922272			0.06	0.76	Excellent
6897	08/22/21 16:00:00	8.53	26.24					8.595285964	106.9098797			0.07	0.77	Excellent
6898	08/22/21 16:30:00	8.58	26.20					8.646201218	107.4652302			0.07	0.77	Excellent
6899	08/22/21 17:00:00	8.64	26.16					8.707200458	108.1449217			0.07	0.78	Excellent
6900	08/22/21 17:30:00	8.70	26.14					8.768207146	108.8631259			0.07	0.78	Excellent
6901	08/22/21 18:00:00	8.73	26.12					8.798984224	109.2055994			0.07	0.79	Excellent
6902	08/22/21 18:30:00	8.66	26.08					8.728968621	108.2579772			0.07	0.80	Excellent
6903	08/22/21 19:00:00	8.66	26.06					8.729506157	108.225323			0.07	0.80	Excellent
6904	08/22/21 19:30:00	8.63	26.02					8.699801047	107.7786861			0.07	0.81	Excellent
6905	08/22/21 20:00:00	8.66	25.96					8.730581228	108.0420757			0.07	0.82	Excellent
6906	08/22/21 20:30:00	8.66	25.88					8.731118763	107.8915206			0.07	0.82	Excellent
6907	08/22/21 21:00:00	8.68	25.78					8.751821787	107.950454			0.07	0.83	Excellent
6908	08/22/21 21:30:00	8.63	25.66					8.70194374	107.1004118			0.07	0.83	Excellent
6909	08/22/21 22:00:00	8.67	25.58					8.742815355	107.4462356			0.07	0.84	Excellent
6910	08/22/21 22:30:00	8.92	25.50					8.995468664	110.3895632			0.08	0.85	Excellent
6911	08/22/21 23:00:00	8.86	25.44					8.935510977	109.5333545			0.08	0.85	Excellent
6912	08/22/21 23:30:00	8.37	25.40				6.944	8.441854397	103.4061768		7.000	0.07	0.86	Excellent
6913	08/23/21 00:00:00	8.44	25.34	7.74	8.84	8.47688		8.51297921	104.1627184	8.562		0.07	0.86	Excellent
6914	08/23/21 00:30:00	8.79	25.26					8.866551204	108.3297263			0.08	0.87	Excellent
6915	08/23/21 01:00:00	8.67	25.22					8.746044292	106.7788935			0.08	0.88	Excellent
6916	08/23/21 01:30:00	8.38	25.18					8.454020867	103.1377623			0.07	0.88	Excellent
6917	08/23/21 02:00:00	8.40	25.14					8.474718925	103.3142334			0.07	0.89	Excellent
6918	08/23/21 02:30:00	8.39	25.08					8.46515075	103.0836793			0.08	0.90	Excellent
6919	08/23/21 03:00:00	8.44	25.04					8.516122489	103.6280028			0.08	0.90	Excellent
6920	08/23/21 03:30:00	8.54	25.00					8.617554502	104.784996			0.08	0.91	Excellent
6921	08/23/21 04:00:00	8.47	24.96					8.547444551	103.8558602			0.08	0.91	Excellent
6922	08/23/21 04:30:00	8.78	24.92					8.860823987	107.5841506			0.08	0.92	Excellent
6923	08/23/21 05:00:00	8.72	24.88					8.800812919	106.7766433			0.08	0.93	Excellent
6924	08/23/21 05:30:00	8.84	24.86					8.922473732	108.2127238			0.08	0.93	Excellent
6925	08/23/21 06:00:00	8.83	24.82					8.912928523	108.0170943			0.08	0.94	Excellent
6926	08/23/21 06:30:00	8.79	24.80					8.873098461	107.4946393			0.08	0.95	Excellent
6927	08/23/21 07:00:00	8.66	24.80					8.742407009	105.9113557			0.08	0.95	Excellent
6928	08/23/21 07:30:00	8.70	24.80					8.78332766	106.4070958			0.08	0.96	Excellent
6929	08/23/21 08:00:00	8.68	24.82					8.763674879	106.2082673			0.08	0.96	Excellent
6930	08/23/21 08:30:00	8.70	24.84					8.784407697	106.4988861			0.08	0.97	Excellent
6931	08/23/21 09:00:00	8.16	24.84					8.239675098	99.894751			0.08	0.98	Excellent
6932	08/23/21 09:30:00	8.18	24.84					8.260378122	100.1457467			0.08	0.98	Excellent
6933	08/23/21 10:00:00	8.48	24.86					8.563852338	103.8633249			0.08	0.99	Excellent
6934	08/23/21 10:30:00	8.18	24.88					8.261393605	100.2320906			0.08	1.00	Excellent
6935	08/23/21 11:00:00	8.47	24.90					8.554804939	103.8302655			0.08	1.00	Excellent
6936	08/23/21 11:30:00	8.48	24.92					8.565431426	103.9976266			0.09	1.01	Excellent
6937	08/23/21 12:00:00	8.49	24.94					8.576059154	104.1651014			0.09	1.01	Excellent
6938	08/23/21 12:30:00	8.33	24.98					8.414954361	102.2837581			0.08	1.02	Excellent
6939	08/23/21 13:00:00	8.20	25.02					8.284137525	100.7679604			0.08	1.03	Excellent
6940	08/23/21 13:30:00	8.25	25.08					8.335162645	101.5007598			0.09	1.03	Excellent
6941	08/23/21 14:00:00	8.47	25.12					8.557959391	104.290618			0.09	1.04	Excellent
6942	08/23/21 14:30:00	8.16	25.14					8.245246598	100.5167651			0.09	1.04	Excellent
6943	08/23/21 15:00:00	8.18	25.18					8.265963277	100.8434884			0.09	1.05	Excellent
6944	08/23/21 15:30:00	8.63	25.20					8.721227982	106.4367802			0.09	1.06	Excellent
6945	08/23/21 16:00:00	8.68	25.22					8.77229531	107.0993875			0.09	1.06	Excellent
6946	08/23/21 16:30:00	8.78	25.24					8.873903604	108.379729			0.09	1.07	Excellent
6947	08/23/21 17:00:00	8.71	25.24					8.803695581	107.5222567			0.09	1.08	Excellent
6948	08/23/21 17:30:00	8.62	25.26					8.713262482	106.4568757			0.09	1.08	Excellent
6949	08/23/21 18:00:00	8.64	25.26					8.734015163	106.7104278			0.09	1.09	Excellent
6950	08/23/21 18:30:00	8.56	25.28					8.65367598	105.7677023			0.09	1.09	Excellent
6951	08/23/21 19:00:00	8.47	25.28					8.563216811	104.6620844			0.09	1.10	Excellent

6952	08/23/21 19:30:00	8.62	25.28					8.715402693	106.5221438			0.10	1.11	Excellent
6953	08/23/21 20:00:00	8.44	25.28					8.533934405	104.3041865			0.09	1.11	Excellent
6954	08/23/21 20:30:00	8.57	25.26					8.665913211	105.8783719			0.10	1.12	Excellent
6955	08/23/21 21:00:00	8.44	25.26					8.534982165	104.2786829			0.09	1.13	Excellent
6956	08/23/21 21:30:00	8.31	25.24					8.40403498	102.6410782			0.09	1.13	Excellent
6957	08/23/21 22:00:00	8.32	25.22					8.41466457	102.7331377			0.09	1.14	Excellent
6958	08/23/21 22:30:00	8.19	25.22					8.283693798	101.1341389			0.09	1.14	Excellent
6959	08/23/21 23:00:00	7.92	25.20					8.011096595	97.77009953			0.09	1.15	Excellent
6960	08/23/21 23:30:00	7.74	25.18				7.256	7.829506648	95.51878427		7.291	0.09	1.16	Excellent
6961	08/24/21 00:00:00	8.04	25.18	7.99	8.77	8.48702		8.133474949	99.22715108	8.633		0.09	1.16	Excellent
6962	08/24/21 00:30:00	8.15	25.16					8.245259715	100.553915			0.10	1.17	Excellent
6963	08/24/21 01:00:00	8.35	25.16					8.44811567	103.0278165			0.10	1.18	Excellent
6964	08/24/21 01:30:00	8.50	25.16					8.600405831	104.8850499			0.10	1.18	Excellent
6965	08/24/21 02:00:00	8.48	25.14					8.580695945	104.6061859			0.10	1.19	Excellent
6966	08/24/21 02:30:00	8.49	25.12					8.591341673	104.6974274			0.10	1.19	Excellent
6967	08/24/21 03:00:00	8.42	25.10					8.52102875	103.8023463			0.10	1.20	Excellent
6968	08/24/21 03:30:00	8.36	25.10					8.460827744	103.0689835			0.10	1.21	Excellent
6969	08/24/21 04:00:00	8.27	25.08					8.370255606	101.9281015			0.10	1.21	Excellent
6970	08/24/21 04:30:00	8.03	25.06					8.127844563	98.9397102			0.10	1.22	Excellent
6971	08/24/21 05:00:00	8.24	25.04					8.340914853	101.4959976			0.10	1.22	Excellent
6972	08/24/21 05:30:00	8.12	25.02					8.219949237	99.98717632			0.10	1.23	Excellent
6973	08/24/21 06:00:00	8.41	25.00					8.51404087	103.5263239			0.10	1.24	Excellent
6974	08/24/21 06:30:00	8.35	24.96					8.453816898	102.7182359			0.10	1.24	Excellent
6975	08/24/21 07:00:00	8.55	24.92					8.656834238	105.1073986			0.11	1.25	Excellent
6976	08/24/21 07:30:00	8.62	24.88					8.728243957	105.8961939			0.11	1.26	Excellent
6977	08/24/21 08:00:00	8.51	24.84					8.617390878	104.4740364			0.11	1.26	Excellent
6978	08/24/21 08:30:00	8.64	24.80					8.749567691	105.998105			0.11	1.27	Excellent
6979	08/24/21 09:00:00	8.62	24.80					8.729849115	105.759221			0.11	1.27	Excellent
6980	08/24/21 09:30:00	8.59	24.80					8.70	105.3976089			0.11	1.28	Excellent
6981	08/24/21 10:00:00	Monitor out of service at 0931 hour for lab calibration; Lab calibration completed at 1011 hour; Monitor launched to start recording at 1030 hour. Monitor deployed back in river at 1022 hour.												
6982	08/24/21 10:30:00	8.41	25.80					8.585614849	106.5005172			0.18	2.09	Excellent
6983	08/24/21 11:00:00	8.62	24.90					8.80	107.3713376			0.18	2.09	Excellent
6984	08/24/21 11:30:00	8.14	24.90					8.30990075	101.3914953			0.17	2.09	Excellent
6985	08/24/21 12:00:00	8.39	24.96					8.565040448	104.6203668			0.18	2.09	Excellent
6986	08/24/21 12:30:00	7.99	24.92					8.156620606	99.5580485			0.17	2.09	Excellent
6987	08/24/21 13:00:00	8.49	24.98					8.666968109	105.9044733			0.18	2.08	Excellent
6988	08/24/21 13:30:00	8.61	24.92					8.789388986	107.2814904			0.18	2.08	Excellent
6989	08/24/21 14:00:00	8.65	24.92					8.830141571	107.7789081			0.18	2.08	Excellent
6990	08/24/21 14:30:00	8.55	25.00					8.727979131	106.6893442			0.18	2.08	Excellent
6991	08/24/21 15:00:00	8.44	25.02					8.61561049	105.3546231			0.18	2.08	Excellent
6992	08/24/21 15:30:00	8.67	25.04					8.850315083	108.2645872			0.18	2.08	Excellent
6993	08/24/21 16:00:00	8.58	25.10					8.758363141	107.2582778			0.18	2.08	Excellent
6994	08/24/21 16:30:00	8.77	25.10					8.952230974	109.6324577			0.18	2.08	Excellent
6995	08/24/21 17:00:00	8.61	25.14					8.78882591	107.7106454			0.18	2.08	Excellent
6996	08/24/21 17:30:00	8.62	25.18					8.798953073	107.9141719			0.18	2.08	Excellent
6997	08/24/21 18:00:00	8.55	25.16					8.727419979	106.9974731			0.18	2.08	Excellent
6998	08/24/21 18:30:00	8.62	25.18					8.798792007	107.9121965			0.18	2.07	Excellent
6999	08/24/21 19:00:00	8.58	25.20					8.757882186	107.4499876			0.18	2.07	Excellent
7000	08/24/21 19:30:00	8.54	25.22					8.716973113	106.9874221			0.18	2.07	Excellent
7001	08/24/21 20:00:00	8.63	25.24					8.808757543	108.153698			0.18	2.07	Excellent
7002	08/24/21 20:30:00	8.72	25.26					8.900540292	109.3207855			0.18	2.07	Excellent
7003	08/24/21 21:00:00	8.55	25.28					8.726940705	107.2279515			0.18	2.07	Excellent
7004	08/24/21 21:30:00	8.67	25.28					8.849343083	108.73191			0.18	2.07	Excellent
7005	08/24/21 22:00:00	8.67	25.28					8.849262083	108.7309147			0.18	2.07	Excellent
7006	08/24/21 22:30:00	8.70	25.30					8.879801087	109.1462422			0.18	2.07	Excellent
7007	08/24/21 23:00:00	8.69	25.32					8.869513232	109.0598406			0.18	2.07	Excellent
7008	08/24/21 23:30:00	8.69	25.32				7.549	8.869432046	109.0588423		7.590	0.18	2.06	Excellent
7009	08/25/21 00:00:00	8.68	25.30	7.06	8.72	8.08479		8.859144471	108.892341	8.250		0.18	2.06	Excellent
7010	08/25/21 00:30:00	8.72	25.30					8.899888555	109.3931477			0.18	2.06	Excellent
7011	08/25/21 01:00:00	8.46	25.30					8.634445867	106.1304539			0.17	2.06	Excellent
7012	08/25/21 01:30:00	8.23	25.28					8.399626359	103.206239			0.17	2.06	Excellent
7013	08/25/21 02:00:00	8.08	25.28					8.246459261	101.3242743			0.17	2.06	Excellent
7014	08/25/21 02:30:00	7.90	25.26					8.062677204	99.02974158			0.16	2.06	Excellent
7015	08/25/21 03:00:00	7.90	25.24					8.062603398	98.99243665			0.16	2.06	Excellent
7016	08/25/21 03:30:00	7.59	25.24					7.746151848	95.10705268			0.16	2.06	Excellent
7017	08/25/21 04:00:00	7.27	25.22					7.419500451	91.06294304			0.15	2.06	Excellent
7018	08/25/21 04:30:00	7.17	25.22					7.317377062	89.8095357			0.15	2.06	Excellent
7019	08/25/21 05:00:00	7.11	25.22					7.256077356	89.0571762			0.15	2.05	Excellent
7020	08/25/21 05:30:00	7.10	25.22					7.24580557	88.93110585			0.15	2.05	Excellent
7021	08/25/21 06:00:00	7.08	25.20					7.225328705	88.64717101			0.15	2.05	Excellent
7022	08/25/21 06:30:00	7.06	25.18					7.204852213	88.36342845			0.14	2.05	Excellent
7023	08/25/21 07:00:00	7.97	25.14					8.133448506	99.67872803			0.16	2.05	Excellent
7024	08/25/21 07:30:00	8.54	25.16					8.715058262	106.8459195			0.18	2.05	Excellent
7025	08/25/21 08:00:00	8.45	25.16					8.623134441	105.7189408			0.17	2.05	Excellent
7026	08/25/21 08:30:00	8.55	25.14					8.725103491	106.9297011			0.18	2.05	Excellent
7027	08/25/21 09:00:00	8.46	25.16					8.633181258	105.8421139			0.17	2.05	Excellent
7028	08/25/21 09:30:00	8.46	25.18					8.63310222	105.8801052			0.17	2.05	Excellent
7029	08/25/21 10:00:00	8.39	25.20					8.561591548	105.0417083			0.17	2.05	Excellent
7030	08/25/21 10:30:00	8.14	25.20					8.306402521	101.9108078			0.17	2.04	Excellent
7031	08/25/21 11:00:00	8.20	25.24					8.367552466	102.7365935			0.17	2.04	Excellent
7032	08/25/21 11:30:00	8.51	25.26					8.683807262	106.6587645			0.17	2.04	Excellent
7033	08/25/21 12:00:00	8.37	25.30					8.540869721	104.980261			0.17	2.04	Excellent
7034	08/25/21 12:30:00	8.44	25.38					8.612219887	106.0128428			0.17	2.04	Excellent
7035	08/25/21 13:00:00	8.51	25.42					8.683568746	106.9695727			0.17	2.04	Excellent
7036	08/25/21 13:30:00	8.33	25.44					8.499819668	104.7444404			0.17	2.04	Excellent
7037	08/25/21 14:00:00	8.46	25.48					8.632390877	106.4561469			0.17	2.04	Excellent
7038	08/25/21 14:30:00	8.19	25.58					8.356812525	103.2465323			0.17	2.04	Excellent
7039	08/25/21 15:00:00	8.36	25.68					8.530196952	105.5815274			0.17	2.04	Excellent
7040	08/25/21 15:30:00	8.51	25.80					8.68317122	107.7106582			0.17	2.03	Excellent
7041	08/25/21 16:00:00	8.51	25.88					8.683091715	107.8668804			0.17	2.03	Excellent
7042	08/25/21 16:30:00	8.52	25.96					8.693215514	108.1500928			0.17	2.03	Excellent
7043	08/25/21 17:00:00	8.56	25.96					8.73394876	108.6568448			0.17	2.03	Excellent
7044	08/25/21 17:30:00	8.55	25.94					8.72366567	108.4894103			0.17	2.03	Excellent
7045	08/25/21 18:00:00	8.39	25.96					8.560337402	106.4969899			0.17	2.03	Excellent
7046	08/25/21 18:30:00	8.46	25.96					8.631679535	107.3845393			0.17	2.03	Excellent
7047	08/25/21 19:00:00	8.44	26.00					8.611194822	107.2076966			0.17	2.03	Excellent
7048	08/25/21 19:30:00	8.37	26.00					8.539696762	106.3175597			0.17	2.03	Excellent
7049	08/25/21 20:00:00	8.34	26.00					8.509010613	105.9355231			0.17	2.03	Excellent
7050	08/25/21 20:30:00	8.19	26.04					8.355894338	104.1049588			0.17	2.03	Excellent
7051	08/25/21 21:00:00	7.93	26.04					8.090553765	100.7991164			0.16	2.02	Excellent
7052	08/25/21 21:30:00	7.60	26.06					7.753801457	96.63869394			0.15	2.02	Excellent
7053	08/25/21 22:00:00	7.48	26.08					7.631303131	95.14652604			0.15	2.02	Excellent
7054	08/25/21 22:30:00	7.25	26.08					7.396583028	92.22005307			0.15	2.02	Excellent
7055	08/25/21 23:00:00	7.16	26.10					7.304696484	91.10751873			0.14	2.02	Excellent
7056	08/25/21 23:30:00	7.13	26.10				7.786	7.274023601	90.72495249		7.855	0.14	2.02	Excellent
7057	08/26/21 00:00:00	7.11	26.10	6.98	7.12	7.05167		7.253553182	90.46963605	7.192		0.14	2.02	Excellent
7058	08/26/21 00:30:00	7.10	26.10					7.243284947	90.34156592			0.14	2.02	Excellent
7059	08/26/21 01:00:00	7.10	26.10					7.243218615	90.3407386			0.14	2.02	Excellent
7060	08/26/21 01:30:00	7.07	26.08					7.212547414	89.92551057			0.14	2.02	Excellent
7061	08/26/21 02:00:00	7.11	26.08					7.25328748	90.43345471			0.14	2.02	Excellent
7062	08/26/21 02:30:00	7.12	26.06					7.263422491	90.52690695			0.14	2.01	Excellent
7063	08/26/21 03:00:00	7.10	26.06					7.242953286	90.27179117			0.14	2.01	Excellent
7064	08/26/21 03:30:00	7.09	26.04					7.232685705	90.11105414			0.14	2.01	Excellent
7065	08/26/21 04:00:00	7.10	26.02					7.242820622	90.20451265			0.14	2.01	Excellent
7066	08/26/21 04:30:00	7.08	26.00					7.222352165	89.91687627			0.14	2.01	Excellent
7067	08/26/21 05:00:00	7.09	25.98					7.232486988	90.01029452			0.14	2.01	Excellent

7068	08/26/21 05:30:00	7.08	25.98					7.222219874	89.88251745			0.14	2.01	Excellent
7069	08/26/21 06:00:00	7.07	25.96					7.211952947	89.72208033			0.14	2.01	Excellent
7070	08/26/21 06:30:00	7.07	25.94					7.211886895	89.68859945			0.14	2.01	Excellent
7071	08/26/21 07:00:00	7.05	25.94					7.191419652	89.43406436			0.14	2.01	Excellent
7072	08/26/21 07:30:00	7.06	25.92					7.201554289	89.5274915			0.14	2.01	Excellent
7073	08/26/21 08:00:00	7.06	25.92					7.201488331	89.52667152			0.14	2.00	Excellent
7074	08/26/21 08:30:00	7.06	25.92					7.201422372	89.52585155			0.14	2.00	Excellent
7075	08/26/21 09:00:00	7.06	25.92					7.201356414	89.52503157			0.14	2.00	Excellent
7076	08/26/21 09:30:00	7.07	25.92					7.211490583	89.65101643			0.14	2.00	Excellent
7077	08/26/21 10:00:00	7.06	25.94					7.201224497	89.55599954			0.14	2.00	Excellent
7078	08/26/21 10:30:00	7.07	25.94					7.21135848	89.68202796			0.14	2.00	Excellent
7079	08/26/21 11:00:00	7.06	26.00					7.20109258	89.65219858			0.14	2.00	Excellent
7080	08/26/21 11:30:00	7.06	26.06					7.201026621	89.74924256			0.14	2.00	Excellent
7081	08/26/21 12:00:00	7.06	26.12					7.200960663	89.84631129			0.14	2.00	Excellent
7082	08/26/21 12:30:00	7.05	26.18					7.190695137	89.81600626			0.14	2.00	Excellent
7083	08/26/21 13:00:00	7.07	26.22					7.21102822	90.13536279			0.14	1.99	Excellent
7084	08/26/21 13:30:00	7.06	26.26					7.200762787	90.07235162			0.14	1.99	Excellent
7085	08/26/21 14:00:00	7.08	26.30					7.221095404	90.39218622			0.14	1.99	Excellent
7086	08/26/21 14:30:00	7.08	26.36					7.221029258	90.48962906			0.14	1.99	Excellent
7087	08/26/21 15:00:00	7.07	26.40					7.210764012	90.42642685			0.14	1.99	Excellent
7088	08/26/21 15:30:00	7.04	26.48					7.18010094	90.17224808			0.14	1.99	Excellent
7089	08/26/21 16:00:00	7.02	26.48					7.159637341	89.91525327			0.14	1.99	Excellent
7090	08/26/21 16:30:00	7.02	26.44					7.159571756	89.84943458			0.14	1.99	Excellent
7091	08/26/21 17:00:00	7.00	26.46					7.139108718	89.62503571			0.14	1.99	Excellent
7092	08/26/21 17:30:00	7.02	26.48					7.159440586	89.9127823			0.14	1.99	Excellent
7093	08/26/21 18:00:00	7.03	26.52					7.169573541	90.10513618			0.14	1.99	Excellent
7094	08/26/21 18:30:00	7.03	26.54					7.169507863	90.13686386			0.14	1.98	Excellent
7095	08/26/21 19:00:00	7.02	26.56					7.159243832	90.04033138			0.14	1.98	Excellent
7096	08/26/21 19:30:00	6.99	26.54					7.128583468	89.62235203			0.14	1.98	Excellent
7097	08/26/21 20:00:00	7.02	26.56					7.159112662	90.03868168			0.14	1.98	Excellent
7098	08/26/21 20:30:00	7.00	26.58					7.138650932	89.81375772			0.14	1.98	Excellent
7099	08/26/21 21:00:00	6.99	26.58					7.128387555	89.68463073			0.14	1.98	Excellent
7100	08/26/21 21:30:00	6.99	26.60					7.12832225	89.71618419			0.14	1.98	Excellent
7101	08/26/21 22:00:00	6.98	26.62					7.118059153	89.61934558			0.14	1.98	Excellent
7102	08/26/21 22:30:00	7.00	26.64					7.13838934	89.90773796			0.14	1.98	Excellent
7103	08/26/21 23:00:00	6.98	26.64					7.117928731	89.65003738			0.14	1.98	Excellent
7104	08/26/21 23:30:00	6.98	26.66				7.888	7.11786352	89.68155261		7.979	0.14	1.98	Excellent
7105	08/27/21 00:00:00	6.98	26.66	6.69	6.98	6.82896		7.117798309	89.68073098	6.962		0.14	1.97	Excellent
7106	08/27/21 00:30:00	6.98	26.68					7.117733098	89.71224833			0.14	1.97	Excellent
7107	08/27/21 01:00:00	6.98	26.68					7.117667887	89.7114264			0.14	1.97	Excellent
7108	08/27/21 01:30:00	6.93	26.68					7.066616983	89.06797837			0.14	1.97	Excellent
7109	08/27/21 02:00:00	6.95	26.66					7.08694633	89.29201133			0.14	1.97	Excellent
7110	08/27/21 02:30:00	6.94	26.66					7.076684447	89.1627167			0.14	1.97	Excellent
7111	08/27/21 03:00:00	6.93	26.66					7.066422752	89.03342442			0.14	1.97	Excellent
7112	08/27/21 03:30:00	6.93	26.64					7.066358008	89.0005061			0.14	1.97	Excellent
7113	08/27/21 04:00:00	6.92	26.64					7.056096592	88.87126397			0.14	1.97	Excellent
7114	08/27/21 04:30:00	6.89	26.64					7.025442208	88.48517319			0.14	1.97	Excellent
7115	08/27/21 05:00:00	6.89	26.64					7.025377838	88.48436245			0.14	1.96	Excellent
7116	08/27/21 05:30:00	6.87	26.64					7.004920685	88.2267054			0.13	1.96	Excellent
7117	08/27/21 06:00:00	6.89	26.62					7.025249097	88.45082811			0.14	1.96	Excellent
7118	08/27/21 06:30:00	6.81	26.62					6.943615093	87.42302181			0.13	1.96	Excellent
7119	08/27/21 07:00:00	6.85	26.60					6.984335913	87.90398993			0.13	1.96	Excellent
7120	08/27/21 07:30:00	6.87	26.60					7.004663952	88.15983611			0.13	1.96	Excellent
7121	08/27/21 08:00:00	6.86	26.60					6.994403844	88.03070366			0.13	1.96	Excellent
7122	08/27/21 08:30:00	6.86	26.60					6.994339754	88.02989703			0.13	1.96	Excellent
7123	08/27/21 09:00:00	6.87	26.60					7.004471401	88.15741269			0.13	1.96	Excellent
7124	08/27/21 09:30:00	6.87	26.62					7.004407218	88.18842012			0.13	1.96	Excellent
7125	08/27/21 10:00:00	6.85	26.62					6.983951934	87.93087953			0.13	1.96	Excellent
7126	08/27/21 10:30:00	6.85	26.62					6.983887938	87.93007379			0.13	1.95	Excellent
7127	08/27/21 11:00:00	6.84	26.70					6.973628578	87.92763525			0.13	1.95	Excellent
7128	08/27/21 11:30:00	6.84	26.74					6.973564675	87.99021216			0.13	1.95	Excellent
7129	08/27/21 12:00:00	6.83	26.78					6.963305595	87.92406755			0.13	1.95	Excellent
7130	08/27/21 12:30:00	6.82	26.84					6.953046702	87.88936487			0.13	1.95	Excellent
7131	08/27/21 13:00:00	6.82	26.86					6.952982986	87.92017643			0.13	1.95	Excellent
7132	08/27/21 13:30:00	6.80	26.90					6.932529477	87.72459945			0.13	1.95	Excellent
7133	08/27/21 14:00:00	6.79	26.94					6.922271145	87.65776525			0.13	1.95	Excellent
7134	08/27/21 14:30:00	6.78	26.90					6.912012999	87.46498284			0.13	1.95	Excellent
7135	08/27/21 15:00:00	6.76	26.84					6.891560425	87.11215308			0.13	1.95	Excellent
7136	08/27/21 15:30:00	6.75	26.80					6.881302746	86.91991857			0.13	1.95	Excellent
7137	08/27/21 16:00:00	6.76	26.78					6.891434113	87.01656278			0.13	1.94	Excellent
7138	08/27/21 16:30:00	6.76	26.78					6.891370957	87.01576533			0.13	1.94	Excellent
7139	08/27/21 17:00:00	6.82	26.70					6.952473256	87.66089643			0.13	1.94	Excellent
7140	08/27/21 17:30:00	6.82	26.60					6.952409539	87.50216852			0.13	1.94	Excellent
7141	08/27/21 18:00:00	6.79	26.54					6.921763657	87.02216112			0.13	1.94	Excellent
7142	08/27/21 18:30:00	6.76	26.52					6.891118335	86.6055913			0.13	1.94	Excellent
7143	08/27/21 19:00:00	6.74	26.50					6.870667442	86.31737702			0.13	1.94	Excellent
7144	08/27/21 19:30:00	6.77	26.50					6.901185798	86.70078438			0.13	1.94	Excellent
7145	08/27/21 20:00:00	6.74	26.52					6.870541504	86.34698762			0.13	1.94	Excellent
7146	08/27/21 20:30:00	6.77	26.52					6.9010593	86.73052649			0.13	1.94	Excellent
7147	08/27/21 21:00:00	6.74	26.54					6.870415566	86.37659995			0.13	1.93	Excellent
7148	08/27/21 21:30:00	6.71	26.56					6.839772393	86.02240505			0.13	1.93	Excellent
7149	08/27/21 22:00:00	6.73	26.60					6.86009632	86.34032574			0.13	1.93	Excellent
7150	08/27/21 22:30:00	6.70	26.62					6.829453801	85.98568334			0.13	1.93	Excellent
7151	08/27/21 23:00:00	6.69	26.64					6.819198085	85.88753642			0.13	1.93	Excellent
7152	08/27/21 23:30:00	6.69	26.68				7.935	6.819135583	85.94871097		8.044	0.13	1.93	Excellent
7153	08/28/21 00:00:00	6.69	26.68	6.43	6.69	6.57917		6.819073081	85.94792319	6.705		0.13	1.93	Excellent
7154	08/28/21 00:30:00	6.67	26.70					6.798624898	85.72108531			0.13	1.93	Excellent
7155	08/28/21 01:00:00	6.65	26.70					6.778177088	85.46326722			0.13	1.93	Excellent
7156	08/28/21 01:30:00	6.66	26.72					6.788307614	85.62184687			0.13	1.93	Excellent
7157	08/28/21 02:00:00	6.66	26.74					6.788245392	85.65191263			0.13	1.93	Excellent
7158	08/28/21 02:30:00	6.65	26.76					6.777990704	85.55332908			0.13	1.92	Excellent
7159	08/28/21 03:00:00	6.66	26.76					6.78812095	85.68119533			0.13	1.92	Excellent
7160	08/28/21 03:30:00	6.65	26.78					6.777866448	85.58256984			0.13	1.92	Excellent
7161	08/28/21 04:00:00	6.65	26.78					6.77780432	85.58178536			0.13	1.92	Excellent
7162	08/28/21 04:30:00	6.65	26.78					6.777742192	85.58100089			0.13	1.92	Excellent
7163	08/28/21 05:00:00	6.66	26.78					6.787872064	85.70890846			0.13	1.92	Excellent
7164	08/28/21 05:30:00	6.66	26.80					6.787809842	85.73898003			0.13	1.92	Excellent
7165	08/28/21 06:00:00	6.65	26.80					6.777555808	85.60945806			0.13	1.92	Excellent
7166	08/28/21 06:30:00	6.61	26.82					6.7367268	85.12436178			0.13	1.92	Excellent
7167	08/28/21 07:00:00	6.65	26.82					6.777431551	85.63870147			0.13	1.92	Excellent
7168	08/28/21 07:30:00	6.66	26.84					6.787560956	85.79755711			0.13	1.92	Excellent
7169	08/28/21 08:00:00	6.65	26.84					6.777307295	85.66794662			0.13	1.91	Excellent
7170	08/28/21 08:30:00	6.67	26.88					6.79762786	85.98663084			0.13	1.91	Excellent
7171	08/28/21 09:00:00	6.68	26.88					6.807756797	86.11475689			0.13	1.91	Excellent
7172	08/28/21 09:30:00	6.69	26.88					6.817885548	86.24288058			0.13	1.91	Excellent
7173	08/28/21 10:00:00	6.69	26.90					6.817823047	86.27309814			0.13	1.91	Excellent
7174	08/28/21 10:30:00	6.69	26.92					6.817760545	86.30331803			0.13	1.91	Excellent
7175	08/28/21 11:00:00	6.68	26.92					6.807507164	86.17352456			0.13	1.91	Excellent
7176	08/28/21 11:30:00	6.67	26.92					6.79725397	86.04373346			0.13	1.91	Excellent
7177	08/28/21 12:00:00	6.67	26.94					6.797191655	86.07386478			0.13	1.91	Excellent
7178	08/28/21 12:30:00	6.66	26.92					6.786938742	85.91315709			0.13	1.91	Excellent
7179	08/28/21 13:00:00	6.64	26.94					6.76649551	85.68515486			0.13	1.91	Excellent
7180	08/28/21 13:30:00	6.61	26.90					6.73586224	85.23596169			0.13	1.90	Excellent
7181	08/28/21 14:00:00	6.56	26.86					6.684848893	84.52963215			0.12	1.90	Excellent
7182	08/28/21 14:30:00	6.51	26.82					6.633836481	83.82425372			0.12	1.90	Excellent
7183	08/28/21 15:00:00	6.48	26.78					6.603205266	83.37716303			0.12	1.90	Excellent

7184	08/28/21 15:30:00	6.48	26.78					6.603144726	83.37639861			0.12	1.90	Excellent
7185	08/28/21 16:00:00	6.46	26.78					6.582704297	83.11830199			0.12	1.90	Excellent
7186	08/28/21 16:30:00	6.47	26.78					6.592833795	83.24620485			0.12	1.90	Excellent
7187	08/28/21 17:00:00	6.46	26.78					6.582583591	83.11677786			0.12	1.90	Excellent
7188	08/28/21 17:30:00	6.47	26.76					6.592712903	83.21471084			0.12	1.90	Excellent
7189	08/28/21 18:00:00	6.46	26.76					6.582462885	83.08533281			0.12	1.90	Excellent
7190	08/28/21 18:30:00	6.48	26.74					6.602781488	83.31178831			0.12	1.89	Excellent
7191	08/28/21 19:00:00	6.48	26.74					6.602720948	83.31102443			0.12	1.89	Excellent
7192	08/28/21 19:30:00	6.48	26.74					6.602660408	83.31026056			0.12	1.89	Excellent
7193	08/28/21 20:00:00	6.44	26.76					6.561843079	82.82506496			0.12	1.89	Excellent
7194	08/28/21 20:30:00	6.43	26.74					6.551593809	82.66591852			0.12	1.89	Excellent
7195	08/28/21 21:00:00	6.44	26.74					6.561722747	82.79372222			0.12	1.89	Excellent
7196	08/28/21 21:30:00	6.45	26.76					6.571851498	82.95139348			0.12	1.89	Excellent
7197	08/28/21 22:00:00	6.45	26.76					6.571791238	82.95063287			0.12	1.89	Excellent
7198	08/28/21 22:30:00	6.44	26.76					6.561542248	82.82126781			0.12	1.89	Excellent
7199	08/28/21 23:00:00	6.44	26.76					6.561482082	82.82050838			0.12	1.89	Excellent
7200	08/28/21 23:30:00	6.44	26.76				7.725	6.561421916	82.81974895		7.848	0.12	1.89	Excellent
7201	08/29/21 00:00:00	6.43	26.76	6.35	6.51	6.42417		6.5511733	82.6903886	6.544		0.12	1.88	Excellent
7202	08/29/21 00:30:00	6.42	26.78					6.540924871	82.59076273			0.12	1.88	Excellent
7203	08/29/21 01:00:00	6.43	26.78					6.551053155	82.71865025			0.12	1.88	Excellent
7204	08/29/21 01:30:00	6.43	26.78					6.550993082	82.71789173			0.12	1.88	Excellent
7205	08/29/21 02:00:00	6.41	26.78					6.530556857	82.45984819			0.12	1.88	Excellent
7206	08/29/21 02:30:00	6.40	26.78					6.520308988	82.33045069			0.12	1.88	Excellent
7207	08/29/21 03:00:00	6.37	26.78					6.489685528	81.94377526			0.12	1.88	Excellent
7208	08/29/21 03:30:00	6.38	26.78					6.499813812	82.07166278			0.12	1.88	Excellent
7209	08/29/21 04:00:00	6.37	26.80					6.489566504	81.97177378			0.12	1.88	Excellent
7210	08/29/21 04:30:00	6.38	26.78					6.499694601	82.07015753			0.12	1.88	Excellent
7211	08/29/21 05:00:00	6.37	26.78					6.489447479	81.94076948			0.12	1.88	Excellent
7212	08/29/21 05:30:00	6.38	26.78					6.49957539	82.06865228			0.12	1.87	Excellent
7213	08/29/21 06:00:00	6.38	26.78					6.499515784	82.06789965			0.12	1.87	Excellent
7214	08/29/21 06:30:00	6.35	26.78					6.468894472	81.68125135			0.12	1.87	Excellent
7215	08/29/21 07:00:00	6.37	26.78					6.489209431	81.93776369			0.12	1.87	Excellent
7216	08/29/21 07:30:00	6.36	26.78					6.47896287	81.80838271			0.12	1.87	Excellent
7217	08/29/21 08:00:00	6.38	26.78					6.499277362	82.06488915			0.12	1.87	Excellent
7218	08/29/21 08:30:00	6.38	26.80					6.499217756	82.09368182			0.12	1.87	Excellent
7219	08/29/21 09:00:00	6.38	26.80					6.499158151	82.09292892			0.12	1.87	Excellent
7220	08/29/21 09:30:00	6.41	26.82					6.52965857	82.50787584			0.12	1.87	Excellent
7221	08/29/21 10:00:00	6.42	26.84					6.539785265	82.66557065			0.12	1.87	Excellent
7222	08/29/21 10:30:00	6.41	26.86					6.529538798	82.56574255			0.12	1.86	Excellent
7223	08/29/21 11:00:00	6.42	26.90					6.539665307	82.75327519			0.12	1.86	Excellent
7224	08/29/21 11:30:00	6.44	26.94					6.55997793	83.06999154			0.12	1.86	Excellent
7225	08/29/21 12:00:00	6.43	27.00					6.549731556	83.02964035			0.12	1.86	Excellent
7226	08/29/21 12:30:00	6.41	27.04					6.529299255	82.83005235			0.12	1.86	Excellent
7227	08/29/21 13:00:00	6.41	27.12					6.529239369	82.94818169			0.12	1.86	Excellent
7228	08/29/21 13:30:00	6.45	27.22					6.569923193	83.61463468			0.12	1.86	Excellent
7229	08/29/21 14:00:00	6.46	27.26					6.580048767	83.80345434			0.12	1.86	Excellent
7230	08/29/21 14:30:00	6.48	27.26					6.600359896	84.06213672			0.12	1.86	Excellent
7231	08/29/21 15:00:00	6.48	27.26					6.600299356	84.06136569			0.12	1.86	Excellent
7232	08/29/21 15:30:00	6.49	27.28					6.61042437	84.22043682			0.12	1.86	Excellent
7233	08/29/21 16:00:00	6.45	27.24					6.569621895	83.6407275			0.12	1.85	Excellent
7234	08/29/21 16:30:00	6.44	27.12					6.559376269	83.33104421			0.12	1.85	Excellent
7235	08/29/21 17:00:00	6.43	27.02					6.549130829	83.05182801			0.12	1.85	Excellent
7236	08/29/21 17:30:00	6.45	26.98					6.569441117	83.24960197			0.12	1.85	Excellent
7237	08/29/21 18:00:00	6.48	26.94					6.599936117	83.5759881			0.12	1.85	Excellent
7238	08/29/21 18:30:00	6.46	26.94					6.579505591	83.31727327			0.12	1.85	Excellent
7239	08/29/21 19:00:00	6.49	26.90					6.609999937	83.64329338			0.12	1.85	Excellent
7240	08/29/21 19:30:00	6.48	26.90					6.599754498	83.51364703			0.12	1.85	Excellent
7241	08/29/21 20:00:00	6.51	26.94					6.630248097	83.95983328			0.12	1.85	Excellent
7242	08/29/21 20:30:00	6.50	26.98					6.620002657	83.89033046			0.12	1.85	Excellent
7243	08/29/21 21:00:00	6.47	26.94					6.589388352	83.44242016			0.12	1.85	Excellent
7244	08/29/21 21:30:00	6.45	26.94					6.568959041	83.18372071			0.12	1.84	Excellent
7245	08/29/21 22:00:00	6.45	26.94					6.568898781	83.18295763			0.12	1.84	Excellent
7246	08/29/21 22:30:00	6.40	26.92					6.517917293	82.50772161			0.12	1.84	Excellent
7247	08/29/21 23:00:00	6.41	26.90					6.528041653	82.60618885			0.12	1.84	Excellent
7248	08/29/21 23:30:00	6.41	26.90				7.416	6.527981767	82.60543105		7.547	0.12	1.84	Excellent
7249	08/30/21 00:00:00	6.39	26.88	6.30	6.83	6.41438		6.50755395	82.31733933	6.531		0.12	1.84	Excellent
7250	08/30/21 00:30:00	6.41	26.88					6.527861995	82.57422606			0.12	1.84	Excellent
7251	08/30/21 01:00:00	6.42	26.88					6.537985888	82.7022883			0.12	1.84	Excellent
7252	08/30/21 01:30:00	6.41	26.90					6.527742224	82.60239986			0.12	1.84	Excellent
7253	08/30/21 02:00:00	6.42	26.88					6.53786593	82.70077088			0.12	1.84	Excellent
7254	08/30/21 02:30:00	6.40	26.88					6.517438954	82.44237974			0.12	1.83	Excellent
7255	08/30/21 03:00:00	6.40	26.88					6.517379161	82.44162339			0.12	1.83	Excellent
7256	08/30/21 03:30:00	6.38	26.88					6.496952746	82.18323934			0.12	1.83	Excellent
7257	08/30/21 04:00:00	6.38	26.88					6.49689314	82.18248536			0.12	1.83	Excellent
7258	08/30/21 04:30:00	6.38	26.88					6.496833535	82.18173138			0.12	1.83	Excellent
7259	08/30/21 05:00:00	6.33	26.88					6.445858773	81.53692585			0.12	1.83	Excellent
7260	08/30/21 05:30:00	6.32	26.86					6.435616697	81.37810154			0.12	1.83	Excellent
7261	08/30/21 06:00:00	6.30	26.86					6.415191963	81.11983165			0.12	1.83	Excellent
7262	08/30/21 06:30:00	6.32	26.86					6.435498607	81.3766083			0.12	1.83	Excellent
7263	08/30/21 07:00:00	6.32	26.86					6.435439562	81.37586168			0.12	1.83	Excellent
7264	08/30/21 07:30:00	6.34	26.86					6.455745645	81.63263124			0.12	1.83	Excellent
7265	08/30/21 08:00:00	6.34	26.86					6.455686413	81.63188226			0.12	1.82	Excellent
7266	08/30/21 08:30:00	6.35	26.88					6.465809559	81.78929342			0.12	1.82	Excellent
7267	08/30/21 09:00:00	6.35	26.88					6.465750233	81.78854299			0.12	1.82	Excellent
7268	08/30/21 09:30:00	6.39	26.90					6.50641967	82.33258312			0.12	1.82	Excellent
7269	08/30/21 10:00:00	6.40	26.92					6.516542068	82.49031318			0.12	1.82	Excellent
7270	08/30/21 10:30:00	6.42	26.96					6.536846283	82.80681064			0.12	1.82	Excellent
7271	08/30/21 11:00:00	6.45	27.04					6.567332034	83.31253247			0.12	1.82	Excellent
7272	08/30/21 11:30:00	6.48	27.14					6.597817224	83.84944393			0.12	1.82	Excellent
7273	08/30/21 12:00:00	6.49	27.22					6.607938408	84.09844981			0.12	1.82	Excellent
7274	08/30/21 12:30:00	6.48	27.28					6.597696145	84.05827225			0.12	1.82	Excellent
7275	08/30/21 13:00:00	6.46	27.34					6.577272532	83.88798535			0.12	1.82	Excellent
7276	08/30/21 13:30:00	6.83	27.38					6.95392557	88.75529689			0.12	1.81	Excellent
7277	08/30/21 14:00:00	6.55	27.36					6.668783972	85.08553903			0.12	1.81	Excellent
7278	08/30/21 14:30:00	6.55	27.38					6.668722779	85.11515749			0.12	1.81	Excellent
7279	08/30/21 15:00:00	6.52	27.34					6.638118097	84.66402311			0.12	1.81	Excellent
7280	08/30/21 15:30:00	6.62	27.30					6.739867876	85.90032993			0.12	1.81	Excellent
7281	08/30/21 16:00:00	6.52	27.28					6.63799627	84.57171797			0.12	1.81	Excellent
7282	08/30/21 16:30:00	6.48	27.30					6.597211826	84.08216347			0.12	1.81	Excellent
7283	08/30/21 17:00:00	6.47	27.34					6.586970498	84.01167534			0.12	1.81	Excellent
7284	08/30/21 17:30:00	6.47	27.32					6.586910051	83.98088389			0.12	1.81	Excellent
7285	08/30/21 18:00:00	6.41	27.22					6.525765992	83.0526512			0.12	1.81	Excellent
7286	08/30/21 18:30:00	6.39	27.14					6.505345088	82.6742466			0.12	1.81	Excellent
7287	08/30/21 19:00:00	6.39	27.06					6.50528539	82.55502382			0.12	1.80	Excellent
7288	08/30/21 19:30:00	6.37	27.02					6.484865047	82.23685105			0.11	1.80	Excellent
7289	08/30/21 20:00:00	6.35	26.98					6.464445078	81.91906588			0.11	1.80	Excellent
7290	08/30/21 20:30:00	6.35	26.92					6.464385752	81.83008714			0.11	1.80	Excellent
7291	08/30/21 21:00:00	6.35	26.88					6.464326427	81.77053254			0.11	1.80	Excellent
7292	08/30/21 21:30:00	6.36	26.84					6.47444705	81.83966878			0.11	1.80	Excellent
7293	08/30/21 22:00:00	6.36	26.82					6.474387631	81.80947979			0.11	1.80	Excellent
7294	08/30/21 22:30:00	6.35	26.80					6.464148451	81.6507103			0.11	1.80	Excellent
7295	08/30/21 23:00:00	6.34	26.78					6.453909458	81.49203901			0.11	1.80	Excellent
7296	08/30/21 23:30:00	6.33	26.76				7.120	6.443670652	81.3334659		7.255	0.11	1.80	Excellent
7297	08/31/21 00:00:00	6.33	26.74	6.18	6.39	6.27688		6.443611513	81.3034324	6.345		0.11	1.79	Excellent
7298	08/31/21 00:30:00	6.33	26.72					6.443552375	81.27340217			0.11	1.79	Excellent
7299	08/31/21 01:00:00	6.32	26.70					6.433313942	81.11502864			0.11	1.79	Excellent

7300	08/31/21 01:30:00	6.30	26.68					6.412896496	80.82845409			0.11	1.79	Excellent
7301	08/31/21 02:00:00	6.28	26.66					6.392479423	80.5420725			0.11	1.79	Excellent
7302	08/31/21 02:30:00	6.25	26.64					6.36188371	80.12767954			0.11	1.79	Excellent
7303	08/31/21 03:00:00	6.24	26.64					6.351646398	79.998741			0.11	1.79	Excellent
7304	08/31/21 03:30:00	6.23	26.64					6.341409274	79.86980481			0.11	1.79	Excellent
7305	08/31/21 04:00:00	6.23	26.62					6.34135107	79.84026554			0.11	1.79	Excellent
7306	08/31/21 04:30:00	6.24	26.62					6.351471506	79.96768607			0.11	1.79	Excellent
7307	08/31/21 05:00:00	6.23	26.62					6.341234661	79.83879991			0.11	1.79	Excellent
7308	08/31/21 05:30:00	6.22	26.60					6.330998004	79.68115962			0.11	1.78	Excellent
7309	08/31/21 06:00:00	6.23	26.60					6.341118253	79.80853183			0.11	1.78	Excellent
7310	08/31/21 06:30:00	6.23	26.60					6.341060049	79.80779928			0.11	1.78	Excellent
7311	08/31/21 07:00:00	6.22	26.58					6.330823672	79.65021246			0.11	1.78	Excellent
7312	08/31/21 07:30:00	6.21	26.58					6.320587481	79.52142752			0.11	1.78	Excellent
7313	08/31/21 08:00:00	6.20	26.60					6.310351478	79.42130499			0.11	1.78	Excellent
7314	08/31/21 08:30:00	6.18	26.60					6.289937768	79.16438056			0.11	1.78	Excellent
7315	08/31/21 09:00:00	6.18	26.60					6.289880031	79.16365389			0.11	1.78	Excellent
7316	08/31/21 09:30:00	6.19	26.62					6.30	79.31963826			0.11	1.78	Excellent
7317	08/31/21 10:00:00	6.27	26.64					6.31	79.24963048			0.04	0.64	Excellent
7318	08/31/21 10:30:00	6.28	26.68					6.319793089	79.42986858			0.04	0.63	Excellent
7319	08/31/21 11:00:00	6.29	26.72					6.329585315	79.61028383			0.04	0.63	Excellent
7320	08/31/21 11:30:00	6.29	26.74					6.329314177	79.63554752			0.04	0.63	Excellent
7321	08/31/21 12:00:00	6.28	26.76					6.318980967	79.53416464			0.04	0.62	Excellent
7322	08/31/21 12:30:00	6.30	26.78					6.338833541	79.8127624			0.04	0.62	Excellent
7323	08/31/21 13:00:00	6.29	26.80					6.328500762	79.71133976			0.04	0.61	Excellent
7324	08/31/21 13:30:00	6.26	26.78					6.298047288	79.29921942			0.04	0.61	Excellent
7325	08/31/21 14:00:00	6.28	26.76					6.317898138	79.52053556			0.04	0.60	Excellent
7326	08/31/21 14:30:00	6.26	26.76					6.297507598	79.26388902			0.04	0.60	Excellent
7327	08/31/21 15:00:00	6.29	26.78					6.327416208	79.66900586			0.04	0.59	Excellent
7328	08/31/21 15:30:00	6.31	26.78					6.347263178	79.91890065			0.04	0.59	Excellent
7329	08/31/21 16:00:00	6.35	26.78					6.38722567	80.4220716			0.04	0.59	Excellent
7330	08/31/21 16:30:00	6.39	26.80					6.427184714	80.95432453			0.04	0.58	Excellent
7331	08/31/21 17:00:00	6.36	26.80					6.396735982	80.57080412			0.04	0.58	Excellent
7332	08/31/21 17:30:00	6.35	26.80					6.386404496	80.44067273			0.04	0.57	Excellent
7333	08/31/21 18:00:00	6.36	26.78					6.39618767	80.53491286			0.04	0.57	Excellent
7334	08/31/21 18:30:00	6.33	26.74					6.365744111	80.09390962			0.04	0.56	Excellent
7335	08/31/21 19:00:00	6.29	26.72					6.325247102	79.55572			0.04	0.56	Excellent
7336	08/31/21 19:30:00	6.28	26.68					6.314920358	79.36862601			0.03	0.56	Excellent
7337	08/31/21 20:00:00	6.28	26.64					6.31464965	79.30802716			0.03	0.55	Excellent
7338	08/31/21 20:30:00	6.30	26.62					6.33448843	79.52850564			0.03	0.55	Excellent
7339	08/31/21 21:00:00	6.30	26.60					6.334216861	79.49641587			0.03	0.54	Excellent
7340	08/31/21 21:30:00	6.29	26.56					6.32389141	79.30956911			0.03	0.54	Excellent
7341	08/31/21 22:00:00	6.28	26.56					6.313566821	79.18008576			0.03	0.53	Excellent
7342	08/31/21 22:30:00	6.29	26.54					6.323349133	79.27414513			0.03	0.53	Excellent
7343	08/31/21 23:00:00	6.30	26.50					6.333130583	79.33944559			0.03	0.53	Excellent
7344	08/31/21 23:30:00	6.30	26.48				6.809	6.332859014	79.30738514		6.933	0.03	0.52	Excellent
7345	09/01/21 00:00:00	6.28	26.44	6.07	8.69	6.72521		6.312483992	78.99510116	6.753		0.03	0.52	Excellent
7346	09/01/21 00:30:00	6.27	26.40					6.30216199	78.80890994			0.03	0.51	Excellent
7347	09/01/21 01:00:00	6.27	26.38					6.301891714	78.77702496			0.03	0.51	Excellent
7348	09/01/21 01:30:00	6.25	26.36					6.281520572	78.49396433			0.03	0.50	Excellent
7349	09/01/21 02:00:00	6.24	26.34					6.271201156	78.3366516			0.03	0.50	Excellent
7350	09/01/21 02:30:00	6.22	26.32					6.250833031	78.05395686			0.03	0.50	Excellent
7351	09/01/21 03:00:00	6.21	26.32					6.24051577	77.92512555			0.03	0.49	Excellent
7352	09/01/21 03:30:00	6.21	26.30					6.240248081	77.89356685			0.03	0.49	Excellent
7353	09/01/21 04:00:00	6.23	26.28					6.260076946	78.11277646			0.03	0.48	Excellent
7354	09/01/21 04:30:00	6.23	26.26					6.259808394	78.08112611			0.03	0.48	Excellent
7355	09/01/21 05:00:00	6.22	26.26					6.249492426	77.95245087			0.03	0.47	Excellent
7356	09/01/21 05:30:00	6.22	26.24					6.249224306	77.92085752			0.03	0.47	Excellent
7357	09/01/21 06:00:00	6.19	26.24					6.218816525	77.54170641			0.03	0.47	Excellent
7358	09/01/21 06:30:00	6.16	26.24					6.18841133	77.16258754			0.03	0.46	Excellent
7359	09/01/21 07:00:00	6.17	26.22					6.198191487	77.25651945			0.03	0.46	Excellent
7360	09/01/21 07:30:00	6.14	26.20					6.167789741	76.84970519			0.03	0.45	Excellent
7361	09/01/21 08:00:00	6.13	26.20					6.157480239	76.7212504			0.03	0.45	Excellent
7362	09/01/21 08:30:00	6.10	26.20					6.127082804	76.34250306			0.03	0.44	Excellent
7363	09/01/21 09:00:00	6.09	26.18					6.116775889	76.18643775			0.03	0.44	Excellent
7364	09/01/21 09:30:00	6.07	26.18					6.0964263	75.93297698			0.03	0.44	Excellent
7365	09/01/21 10:00:00	6.08	26.18					6.10620775	76.05480813			0.03	0.43	Excellent
7366	09/01/21 10:30:00	6.09	26.18					6.115988337	76.17662854			0.03	0.43	Excellent
7367	09/01/21 11:00:00	6.10	26.16					6.125768063	76.27075733			0.03	0.42	Excellent
7368	09/01/21 11:30:00	6.12	26.14					6.145588738	76.48977279			0.03	0.42	Excellent
7369	09/01/21 12:00:00	6.11	26.14					6.135283547	76.3615114			0.03	0.41	Excellent
7370	09/01/21 12:30:00	6.35	26.12					6.376002957	79.32876828			0.03	0.41	Excellent
7371	09/01/21 13:00:00	6.18	26.12					6.205040418	77.20169153			0.03	0.41	Excellent
7372	09/01/21 13:30:00	6.68	26.08					6.706778392	83.38360692			0.03	0.40	Excellent
7373	09/01/21 14:00:00	6.55	26.08					6.57597491	81.75736173			0.03	0.40	Excellent
7374	09/01/21 14:30:00	6.39	26.08					6.415064959	79.75681075			0.03	0.39	Excellent
7375	09/01/21 15:00:00	6.45	26.06					6.475022276	80.47299834			0.03	0.39	Excellent
7376	09/01/21 15:30:00	6.33	26.04					6.354283882	78.9437371			0.02	0.38	Excellent
7377	09/01/21 16:00:00	6.38	26.00					6.40420068	79.50604951			0.02	0.38	Excellent
7378	09/01/21 16:30:00	6.79	26.00					6.815463205	84.61173877			0.03	0.38	Excellent
7379	09/01/21 17:00:00	6.57	25.98					6.594354974	81.83697844			0.02	0.37	Excellent
7380	09/01/21 17:30:00	6.62	25.98					6.64425496	82.45624509			0.02	0.37	Excellent
7381	09/01/21 18:00:00	6.58	26.00					6.603824766	81.98431701			0.02	0.36	Excellent
7382	09/01/21 18:30:00	6.99	25.96					7.015007975	87.02567741			0.03	0.36	Excellent
7383	09/01/21 19:00:00	8.00	25.94					8.02827658	99.55968293			0.03	0.35	Excellent
7384	09/01/21 19:30:00	8.22	26.00					8.248699853	102.4049013			0.03	0.35	Excellent
7385	09/01/21 20:00:00	8.03	25.96					8.057690331	99.96082142			0.03	0.34	Excellent
7386	09/01/21 20:30:00	8.28	25.94					8.308195501	103.0309932			0.03	0.34	Excellent
7387	09/01/21 21:00:00	8.39	25.88					8.418208418	104.2812909			0.03	0.34	Excellent
7388	09/01/21 21:30:00	8.69	25.86					8.718842469	107.966076			0.03	0.33	Excellent
7389	09/01/21 22:00:00	8.31	25.80					8.33722302	103.1276042			0.03	0.33	Excellent
7390	09/01/21 22:30:00	8.53	25.74					8.557576029	105.7374678			0.03	0.32	Excellent
7391	09/01/21 23:00:00	8.61	25.58					8.637463511	106.4130231			0.03	0.32	Excellent
7392	09/01/21 23:30:00	8.49	25.32				6.614	8.516714772	104.4266998		6.719	0.03	0.31	Excellent
7393	09/02/21 00:00:00	8.81	25.08	8.49	9.45	9.00826		8.837341923	107.8808782	9.032		0.03	0.31	Excellent
7394	09/02/21 00:30:00	9.00	24.90					9.027543634	109.8375091			0.03	0.31	Excellent
7395	09/02/21 01:00:00	9.09	24.84					9.117427234	110.8082229			0.03	0.30	Excellent
7396	09/02/21 01:30:00	9.18	24.80					9.207303076	111.8178056			0.03	0.30	Excellent
7397	09/02/21 02:00:00	9.21	24.78					9.236995293	112.1369142			0.03	0.29	Excellent
7398	09/02/21 02:30:00	8.95	24.78					8.97584741	108.9665848			0.03	0.29	Excellent
7399	09/02/21 03:00:00	8.54	24.74					8.564295211	103.8934279			0.02	0.28	Excellent
7400	09/02/21 03:30:00	8.55	24.66					8.573955101	103.8566329			0.02	0.28	Excellent
7401	09/02/21 04:00:00	8.49	24.56					8.513421023	102.9323398			0.02	0.28	Excellent
7402	09/02/21 04:30:00	8.55	24.52					8.573217984	103.5783903			0.02	0.27	Excellent
7403	09/02/21 05:00:00	8.64	24.44					8.663089946	104.5087552			0.02	0.27	Excellent
7404	09/02/21 05:30:00	8.79	24.32					8.813111909	106.0814838			0.02	0.26	Excellent
7405	09/02/21 06:00:00	8.78	24.14					8.802707143	105.6012556			0.02	0.26	Excellent
7406	09/02/21 06:30:00	8.84	23.92					8.862481258	105.8818785			0.02	0.25	Excellent
7407	09/02/21 07:00:00	9.13	23.70					9.152825205	108.9003377			0.02	0.25	Excellent
7408	09/02/21 07:30:00	9.33	23.48					9.352923028	110.8213374			0.02	0.25	Excellent
7409	09/02/21 08:00:00	9.15	23.22					9.172086361	108.1463067			0.02	0.24	Excellent
7410	09/02/21 08:30:00	9.34	23.00					9.362142372	109.9279113			0.02	0.24	Excellent
7411	09/02/21 09:00:00	9.45	22.82					9.471995796	110.8378851			0.02	0.23	Excellent
7412	09/02/21 09:30:00	9.41	22.66					9.431497062	110.0279737			0.02	0.23	Excellent
7413	09/02/21 10:00:00	9.34	22.46					9.360934535	108.788225			0.02	0.22	Excellent
7414	09/02/21 10:30:00	9.34	22.26					9.360531923	108.367336			0.02	0.22	Excellent
7415	09/02/21 11:00:00	9.28	22.04					9.30	107.2120704			0.02	0.22	Excellent

7416	09/02/21 11:30:00	Monitor removed from river at 1105 hour due to river flow > 100 kcfs				
7417	09/02/21 12:00:00					
7418	09/02/21 12:30:00					
7419	09/02/21 13:00:00					
7420	09/02/21 13:30:00					
7421	09/02/21 14:00:00					
7422	09/02/21 14:30:00					
7423	09/02/21 15:00:00					
7424	09/02/21 15:30:00					
7425	09/02/21 16:00:00					
7426	09/02/21 16:30:00					
7427	09/02/21 17:00:00					
7428	09/02/21 17:30:00					
7429	09/02/21 18:00:00					
7430	09/02/21 18:30:00					
7431	09/02/21 19:00:00					
7432	09/02/21 19:30:00					
7433	09/02/21 20:00:00					
7434	09/02/21 20:30:00					
7435	09/02/21 21:00:00					
7436	09/02/21 21:30:00					
7437	09/02/21 22:00:00					
7438	09/02/21 22:30:00					
7439	09/02/21 23:00:00					
7440	09/02/21 23:30:00		6.724		6.817	
7441	09/03/21 00:00:00					
7442	09/03/21 00:30:00					
7443	09/03/21 01:00:00					
7444	09/03/21 01:30:00					
7445	09/03/21 02:00:00					
7446	09/03/21 02:30:00					
7447	09/03/21 03:00:00					
7448	09/03/21 03:30:00					
7449	09/03/21 04:00:00					
7450	09/03/21 04:30:00					
7451	09/03/21 05:00:00					
7452	09/03/21 05:30:00					
7453	09/03/21 06:00:00					
7454	09/03/21 06:30:00					
7455	09/03/21 07:00:00					
7456	09/03/21 07:30:00					
7457	09/03/21 08:00:00					
7458	09/03/21 08:30:00					
7459	09/03/21 09:00:00					
7460	09/03/21 09:30:00					
7461	09/03/21 10:00:00					
7462	09/03/21 10:30:00					
7463	09/03/21 11:00:00					
7464	09/03/21 11:30:00					
7465	09/03/21 12:00:00					
7466	09/03/21 12:30:00					
7467	09/03/21 13:00:00					
7468	09/03/21 13:30:00					
7469	09/03/21 14:00:00					
7470	09/03/21 14:30:00					
7471	09/03/21 15:00:00					
7472	09/03/21 15:30:00					
7473	09/03/21 16:00:00					
7474	09/03/21 16:30:00					
7475	09/03/21 17:00:00					
7476	09/03/21 17:30:00					
7477	09/03/21 18:00:00					
7478	09/03/21 18:30:00					
7479	09/03/21 19:00:00					
7480	09/03/21 19:30:00					
7481	09/03/21 20:00:00					
7482	09/03/21 20:30:00					
7483	09/03/21 21:00:00					
7484	09/03/21 21:30:00					
7485	09/03/21 22:00:00					
7486	09/03/21 22:30:00					
7487	09/03/21 23:00:00					
7488	09/03/21 23:30:00		6.705		6.790	
7489	09/04/21 00:00:00					
7490	09/04/21 00:30:00					
7491	09/04/21 01:00:00					
7492	09/04/21 01:30:00					
7493	09/04/21 02:00:00					
7494	09/04/21 02:30:00					
7495	09/04/21 03:00:00					
7496	09/04/21 03:30:00					
7497	09/04/21 04:00:00					
7498	09/04/21 04:30:00					
7499	09/04/21 05:00:00					
7500	09/04/21 05:30:00					
7501	09/04/21 06:00:00					
7502	09/04/21 06:30:00					
7503	09/04/21 07:00:00					
7504	09/04/21 07:30:00					
7505	09/04/21 08:00:00					
7506	09/04/21 08:30:00					
7507	09/04/21 09:00:00					
7508	09/04/21 09:30:00					
7509	09/04/21 10:00:00					
7510	09/04/21 10:30:00					
7511	09/04/21 11:00:00					
7512	09/04/21 11:30:00					
7513	09/04/21 12:00:00					
7514	09/04/21 12:30:00					
7515	09/04/21 13:00:00					
7516	09/04/21 13:30:00					
7517	09/04/21 14:00:00					
7518	09/04/21 14:30:00					
7519	09/04/21 15:00:00					
7520	09/04/21 15:30:00					
7521	09/04/21 16:00:00					
7522	09/04/21 16:30:00					
7523	09/04/21 17:00:00					
7524	09/04/21 17:30:00					
7525	09/04/21 18:00:00					
7526	09/04/21 18:30:00					
7527	09/04/21 19:00:00					
7528	09/04/21 19:30:00					
7529	09/04/21 20:00:00					
7530	09/04/21 20:30:00					
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7532	09/04/21 21:30:00				
7533	09/04/21 22:00:00				
7534	09/04/21 22:30:00				
7535	09/04/21 23:00:00				
7536	09/04/21 23:30:00	6.733		6.809	
7537	09/05/21 00:00:00				
7538	09/05/21 00:30:00				
7539	09/05/21 01:00:00				
7540	09/05/21 01:30:00				
7541	09/05/21 02:00:00				
7542	09/05/21 02:30:00				
7543	09/05/21 03:00:00				
7544	09/05/21 03:30:00				
7545	09/05/21 04:00:00				
7546	09/05/21 04:30:00				
7547	09/05/21 05:00:00				
7548	09/05/21 05:30:00				
7549	09/05/21 06:00:00				
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7551	09/05/21 07:00:00				
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7553	09/05/21 08:00:00				
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7584	09/05/21 23:30:00	6.821		6.886	
7585	09/06/21 00:00:00				
7586	09/06/21 00:30:00				
7587	09/06/21 01:00:00				
7588	09/06/21 01:30:00				
7589	09/06/21 02:00:00				
7590	09/06/21 02:30:00				
7591	09/06/21 03:00:00				
7592	09/06/21 03:30:00				
7593	09/06/21 04:00:00				
7594	09/06/21 04:30:00				
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7600	09/06/21 07:30:00				
7601	09/06/21 08:00:00				
7602	09/06/21 08:30:00				
7603	09/06/21 09:00:00				
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7605	09/06/21 10:00:00				
7606	09/06/21 10:30:00				
7607	09/06/21 11:00:00				
7608	09/06/21 11:30:00				
7609	09/06/21 12:00:00				
7610	09/06/21 12:30:00				
7611	09/06/21 13:00:00				
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7613	09/06/21 14:00:00				
7614	09/06/21 14:30:00				
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7630	09/06/21 22:30:00				
7631	09/06/21 23:00:00				
7632	09/06/21 23:30:00	6.986		7.029	
7633	09/07/21 00:00:00				
7634	09/07/21 00:30:00				
7635	09/07/21 01:00:00				
7636	09/07/21 01:30:00				
7637	09/07/21 02:00:00				
7638	09/07/21 02:30:00				
7639	09/07/21 03:00:00				
7640	09/07/21 03:30:00				
7641	09/07/21 04:00:00				
7642	09/07/21 04:30:00				
7643	09/07/21 05:00:00				
7644	09/07/21 05:30:00				
7645	09/07/21 06:00:00				
7646	09/07/21 06:30:00				
7647	09/07/21 07:00:00				

7648	09/07/21 07:30:00													
7649	09/07/21 08:00:00													
7650	09/07/21 08:30:00	Monitor deployed back in the river at 0848 hour												
7651	09/07/21 09:00:00	8.48	20.78	8.48	8.69	8.62100		8.28	91.98673325	8.436		-0.20	-2.36	Excellent
7652	09/07/21 09:30:00	8.55	20.56					8.349608546	92.35984789			-0.20	-2.34	Excellent
7653	09/07/21 10:00:00	8.61	20.60					8.409470619	93.09527681			-0.20	-2.33	Excellent
7654	09/07/21 10:30:00	8.58	20.64					8.381433237	92.85792194			-0.20	-2.31	Excellent
7655	09/07/21 11:00:00	8.59	20.68					8.392467189	93.05330179			-0.20	-2.30	Excellent
7656	09/07/21 11:30:00	8.59	20.74					8.393732571	93.17707197			-0.20	-2.28	Excellent
7657	09/07/21 12:00:00	8.60	20.80					8.404770943	93.4095167			-0.20	-2.27	Excellent
7658	09/07/21 12:30:00	8.62	20.86					8.425586723	93.75106867			-0.19	-2.26	Excellent
7659	09/07/21 13:00:00	8.61	20.94					8.417080589	93.80325734			-0.19	-2.24	Excellent
7660	09/07/21 13:30:00	8.63	21.00					8.437903735	94.14574832			-0.19	-2.23	Excellent
7661	09/07/21 14:00:00	8.61	21.00					8.419617245	93.94171717			-0.19	-2.21	Excellent
7662	09/07/21 14:30:00	8.62	21.04					8.430665929	94.13856364			-0.19	-2.20	Excellent
7663	09/07/21 15:00:00	8.61	21.06					8.422153902	94.08026926			-0.19	-2.18	Excellent
7664	09/07/21 15:30:00	8.60	21.06					8.413638929	93.98515215			-0.19	-2.17	Excellent
7665	09/07/21 16:00:00	8.61	21.10					8.424690559	94.18214126			-0.19	-2.15	Excellent
7666	09/07/21 16:30:00	8.61	21.16					8.425958887	94.30666262			-0.18	-2.14	Excellent
7667	09/07/21 17:00:00	8.62	21.20					8.437014936	94.50407876			-0.18	-2.12	Excellent
7668	09/07/21 17:30:00	8.62	21.20					8.438284737	94.51830197			-0.18	-2.11	Excellent
7669	09/07/21 18:00:00	8.63	21.22					8.449345205	94.67908608			-0.18	-2.09	Excellent
7670	09/07/21 18:30:00	8.64	21.24					8.460408619	94.8400027			-0.18	-2.08	Excellent
7671	09/07/21 19:00:00	8.65	21.24					8.471474979	94.96405506			-0.18	-2.06	Excellent
7672	09/07/21 19:30:00	8.62	21.26					8.443363943	94.68580831			-0.18	-2.05	Excellent
7673	09/07/21 20:00:00	8.65	21.26					8.474023421	95.02963068			-0.18	-2.03	Excellent
7674	09/07/21 20:30:00	8.67	21.30					8.494893705	95.33788171			-0.18	-2.02	Excellent
7675	09/07/21 21:00:00	8.68	21.32					8.505970377	95.49935098			-0.17	-2.00	Excellent
7676	09/07/21 21:30:00	8.69	21.34					8.517049995	95.66095303			-0.17	-1.99	Excellent
7677	09/07/21 22:00:00	8.69	21.36					8.518330108	95.71254688			-0.17	-1.98	Excellent
7678	09/07/21 22:30:00	8.69	21.36					8.519610221	95.72693032			-0.17	-1.96	Excellent
7679	09/07/21 23:00:00	8.64	21.38					8.471863347	95.22745903			-0.17	-1.95	Excellent
7680	09/07/21 23:30:00	8.62	21.38				7.808	8.453522354	95.02129822		7.772	-0.17	-1.93	Excellent
7681	09/08/21 00:00:00	8.58	21.40	8.44	8.74	8.55458		8.415558781	94.63134377	8.420		-0.16	-1.92	Excellent
7682	09/08/21 00:30:00	8.57	21.40					8.407012873	94.53524668			-0.16	-1.90	Excellent
7683	09/08/21 01:00:00	8.55	21.40					8.38865273	94.32879039			-0.16	-1.89	Excellent
7684	09/08/21 01:30:00	8.56	21.38					8.399724982	94.41659218			-0.16	-1.87	Excellent
7685	09/08/21 02:00:00	8.54	21.38					8.381357473	94.21013332			-0.16	-1.86	Excellent
7686	09/08/21 02:30:00	8.52	21.36					8.362984072	93.96706806			-0.16	-1.84	Excellent
7687	09/08/21 03:00:00	8.52	21.36					8.364239143	93.98117012			-0.16	-1.83	Excellent
7688	09/08/21 03:30:00	8.50	21.34					8.345856903	93.73816352			-0.15	-1.81	Excellent
7689	09/08/21 04:00:00	8.49	21.34					8.337288899	93.64193027			-0.15	-1.80	Excellent
7690	09/08/21 04:30:00	8.48	21.34					8.328717949	93.54566393			-0.15	-1.78	Excellent
7691	09/08/21 05:00:00	8.46	21.32					8.310320978	93.30273028			-0.15	-1.77	Excellent
7692	09/08/21 05:30:00	8.45	21.32					8.301742662	93.20641869			-0.15	-1.75	Excellent
7693	09/08/21 06:00:00	8.45	21.32					8.302987421	93.22039401			-0.15	-1.74	Excellent
7694	09/08/21 06:30:00	8.46	21.30					8.314059674	93.30838799			-0.15	-1.73	Excellent
7695	09/08/21 07:00:00	8.45	21.30					8.305476939	93.21206427			-0.14	-1.71	Excellent
7696	09/08/21 07:30:00	8.44	21.28					8.296891258	93.07946744			-0.14	-1.70	Excellent
7697	09/08/21 08:00:00	8.44	21.26					8.298134544	93.05717272			-0.14	-1.68	Excellent
7698	09/08/21 08:30:00	8.45	21.26					8.309211216	93.18138904			-0.14	-1.67	Excellent
7699	09/08/21 09:00:00	8.46	21.26					8.320290834	93.30563841			-0.14	-1.65	Excellent
7700	09/08/21 09:30:00	8.46	21.28					8.321537066	93.35595879			-0.14	-1.64	Excellent
7701	09/08/21 10:00:00	8.47	21.28					8.332621103	93.48030612			-0.14	-1.62	Excellent
7702	09/08/21 10:30:00	8.47	21.30					8.333868808	93.53070518			-0.14	-1.61	Excellent
7703	09/08/21 11:00:00	8.48	21.32					8.344957265	93.69160337			-0.14	-1.59	Excellent
7704	09/08/21 11:30:00	8.47	21.36					8.336364219	93.66796555			-0.13	-1.58	Excellent
7705	09/08/21 12:00:00	8.48	21.38					8.347455621	93.82906164			-0.13	-1.56	Excellent
7706	09/08/21 12:30:00	8.52	21.44					8.388085482	94.39572583			-0.13	-1.55	Excellent
7707	09/08/21 13:00:00	8.50	21.48					8.369647265	94.2613948			-0.13	-1.53	Excellent
7708	09/08/21 13:30:00	8.52	21.52					8.390595624	94.57068022			-0.13	-1.52	Excellent
7709	09/08/21 14:00:00	8.53	21.62					8.401700284	94.87953165			-0.13	-1.50	Excellent
7710	09/08/21 14:30:00	8.53	21.66					8.402956828	94.96722898			-0.13	-1.49	Excellent
7711	09/08/21 15:00:00	8.56	21.72					8.43377098	95.42616657			-0.13	-1.47	Excellent
7712	09/08/21 15:30:00	8.57	21.76					8.444885952	95.62583298			-0.13	-1.46	Excellent
7713	09/08/21 16:00:00	8.57	21.80					8.446148388	95.71405391			-0.12	-1.45	Excellent
7714	09/08/21 16:30:00	8.59	21.84					8.467124735	96.02588454			-0.12	-1.43	Excellent
7715	09/08/21 17:00:00	8.59	21.86					8.468390117	96.07730564			-0.12	-1.42	Excellent
7716	09/08/21 17:30:00	8.61	21.86					8.489375302	96.31539105			-0.12	-1.40	Excellent
7717	09/08/21 18:00:00	8.63	21.92					8.51036638	96.66532323			-0.12	-1.39	Excellent
7718	09/08/21 18:30:00	8.67	21.98					8.551089046	97.24021447			-0.12	-1.37	Excellent
7719	09/08/21 19:00:00	8.66	22.02					8.542501892	97.21739781			-0.12	-1.36	Excellent
7720	09/08/21 19:30:00	8.66	22.06					8.543777586	97.30677238			-0.12	-1.34	Excellent
7721	09/08/21 20:00:00	8.67	22.10					8.554920546	97.5086478			-0.12	-1.33	Excellent
7722	09/08/21 20:30:00	8.70	22.14					8.585803934	97.93590394			-0.11	-1.31	Excellent
7723	09/08/21 21:00:00	8.71	22.22					8.596955733	98.21383754			-0.11	-1.30	Excellent
7724	09/08/21 21:30:00	8.72	22.26					8.608110478	98.41675189			-0.11	-1.28	Excellent
7725	09/08/21 22:00:00	8.72	22.30					8.609395011	98.50694081			-0.11	-1.27	Excellent
7726	09/08/21 22:30:00	8.72	22.34					8.610679543	98.59716418			-0.11	-1.25	Excellent
7727	09/08/21 23:00:00	8.74	22.36					8.631716286	98.87590656			-0.11	-1.24	Excellent
7728	09/08/21 23:30:00	8.73	22.34				8.678	8.623126186	98.7396853		8.564	-0.11	-1.22	Excellent
7729	09/09/21 00:00:00	8.71	22.34	8.41	8.77	8.58938		8.604654088	98.5281693	8.515		-0.11	-1.21	Excellent
7730	09/09/21 00:30:00	8.71	22.34					8.605937147	98.54286106			-0.10	-1.19	Excellent
7731	09/09/21 01:00:00	8.68	22.34					8.577574213	98.21808937			-0.10	-1.18	Excellent
7732	09/09/21 01:30:00	8.68	22.32					8.578852853	98.19510561			-0.10	-1.17	Excellent
7733	09/09/21 02:00:00	8.66	22.32					8.560361604	97.98345143			-0.10	-1.15	Excellent
7734	09/09/21 02:30:00	8.65	22.32					8.551750881	97.88489153			-0.10	-1.14	Excellent
7735	09/09/21 03:00:00	8.64	22.30					8.543137211	97.74883259			-0.10	-1.12	Excellent
7736	09/09/21 03:30:00	8.64	22.28					8.544409959	97.72592717			-0.10	-1.11	Excellent
7737	09/09/21 04:00:00	8.62	22.28					8.525901033	97.51423299			-0.09	-1.09	Excellent
7738	09/09/21 04:30:00	8.61	22.26					8.517278525	97.3782678			-0.09	-1.08	Excellent
7739	09/09/21 05:00:00	8.59	22.26					8.498759288	97.16653688			-0.09	-1.06	Excellent
7740	09/09/21 05:30:00	8.58	22.24					8.490129415	97.03064726			-0.09	-1.05	Excellent
7741	09/09/21 06:00:00	8.58	22.20					8.491393324	96.97064165			-0.09	-1.03	Excellent
7742	09/09/21 06:30:00	8.58	22.18					8.492657233	96.94784901			-0.09	-1.02	Excellent
7743	09/09/21 07:00:00	8.56	22.16					8.474121792	96.6991157			-0.09	-1.00	Excellent
7744	09/09/21 07:30:00	8.55	22.12					8.465481607	96.52632181			-0.08	-0.99	Excellent
7745	09/09/21 08:00:00	8.55	22.08					8.466741096	96.46648378			-0.08	-0.97	Excellent
7746	09/09/21 08:30:00	8.52	22.06					8.438288303	96.10533408			-0.08	-0.96	Excellent
7747	09/09/21 09:00:00	8.50	22.02					8.419732239	95.82022561			-0.08	-0.94	Excellent
7748	09/09/21 09:30:00	8.49	22.02					8.411077323	95.72172889			-0.08	-0.93	Excellent
7749	09/09/21 10:00:00	8.47	22.02					8.392510947	95.51043543			-0.08	-0.91	Excellent
7750	09/09/21 10:30:00	8.45	22.00					8.373938679	95.26239496			-0.08	-0.90	Excellent
7751	09/09/21 11:00:00	8.44	22.00					8.365271978	95.16380209			-0.07	-0.89	Excellent
7752	09/09/21 11:30:00	8.43	22.02					8.356602332	95.10177972			-0.07	-0.87	Excellent
7753	09/09/21 12:00:00	8.41	22.02					8.338015333	94.89025157			-0.07	-0.86	Excellent
7754	09/09/21 12:30:00	8.42	22.02					8.349170078	95.01719743			-0.07	-0.84	Excellent
7755	09/09/21 13:00:00	8.45	22.02					8.380162474	95.36990442			-0.07	-0.83	Excellent
7756	09/09/21 13:30:00	8.44	22.02					8.371488408	95.27118976			-0.07	-0.81	Excellent
7757	09/09/21 14:00:00	8.47	22.06					8.402492588	95.6976496			-0.07	-0.80	Excellent
7758	09/09/21 14:30:00	8.49	22.06					8.423583836	95.93786199			-0.07	-0.78	Excellent
7759	09/09/21 15:00:00	8.50	22.08					8.434757731	96.10207878			-0.07	-0.77	Excellent
7760	09/09/21 15:30:00	8.53	22.14					8.465784008	96.56686966			-0.06	-0.75	Excellent
7761	09/09/21 16:00:00	8.56	22.16					8.496819123	96.9581174			-0.06	-0.74	Excellent
7762	09/09/21 16:30:00	8.56	22.16					8.498080086	96.97250638			-0.06	-0.72	Excellent
7763	09/09/21 17:00:00	8.57	22.18					8.509270186	97.13749402			-0.06	-0.71	Excellent

7764	09/09/21 17:30:00	8.61	22.26					8.550255061	97.7552894			-0.06	-0.69	Excellent
7765	09/09/21 18:00:00	8.64	22.28					8.581319638	98.14807834			-0.06	-0.68	Excellent
7766	09/09/21 18:30:00	8.63	22.26					8.57265883	98.01143227			-0.06	-0.66	Excellent
7767	09/09/21 19:00:00	8.63	22.26					8.573930104	98.02596678			-0.06	-0.65	Excellent
7768	09/09/21 19:30:00	8.64	22.26					8.585137881	98.15410559			-0.05	-0.63	Excellent
7769	09/09/21 20:00:00	8.66	22.28					8.606286579	98.4336355			-0.05	-0.62	Excellent
7770	09/09/21 20:30:00	8.69	22.30					8.637380618	98.82714642			-0.05	-0.61	Excellent
7771	09/09/21 21:00:00	8.72	22.32					8.668483495	99.2210342			-0.05	-0.59	Excellent
7772	09/09/21 21:30:00	8.75	22.34					8.699595211	99.615299			-0.05	-0.58	Excellent
7773	09/09/21 22:00:00	8.75	22.34					8.700884163	99.63005823			-0.05	-0.56	Excellent
7774	09/09/21 22:30:00	8.77	22.34					8.722063796	99.87257704			-0.05	-0.55	Excellent
7775	09/09/21 23:00:00	8.76	22.32					8.713408879	99.7352583			-0.05	-0.53	Excellent
7776	09/09/21 23:30:00	8.75	22.32				8.584	8.704751017	99.63615884		8.460	-0.05	-0.52	Excellent
7777	09/10/21 00:00:00	8.74	22.32	8.32	8.76	8.56979		8.696090209	99.53702565	8.556		-0.04	-0.50	Excellent
7778	09/10/21 00:30:00	8.74	22.30					8.697377687	99.51362064			-0.04	-0.49	Excellent
7779	09/10/21 01:00:00	8.72	22.28					8.678759753	99.26254097			-0.04	-0.47	Excellent
7780	09/10/21 01:30:00	8.71	22.28					8.670090106	99.16338266			-0.04	-0.46	Excellent
7781	09/10/21 02:00:00	8.69	22.26					8.651461861	98.91238938			-0.04	-0.44	Excellent
7782	09/10/21 02:30:00	8.67	22.24					8.632827723	98.66149511			-0.04	-0.43	Excellent
7783	09/10/21 03:00:00	8.64	22.20					8.604229095	98.25921194			-0.04	-0.41	Excellent
7784	09/10/21 03:30:00	8.61	22.18					8.575621627	97.89492828			-0.03	-0.40	Excellent
7785	09/10/21 04:00:00	8.58	22.16					8.547005322	97.5307975			-0.03	-0.38	Excellent
7786	09/10/21 04:30:00	8.55	22.14					8.518380178	97.1668197			-0.03	-0.37	Excellent
7787	09/10/21 05:00:00	8.51	22.12					8.479781704	96.68937642			-0.03	-0.36	Excellent
7788	09/10/21 05:30:00	8.49	22.10					8.461103374	96.43932336			-0.03	-0.34	Excellent
7789	09/10/21 06:00:00	8.50	22.08					8.472321462	96.53006411			-0.03	-0.33	Excellent
7790	09/10/21 06:30:00	8.45	22.06					8.423729036	95.9395157			-0.03	-0.31	Excellent
7791	09/10/21 07:00:00	8.47	22.04					8.444914561	96.14380517			-0.03	-0.30	Excellent
7792	09/10/21 07:30:00	8.44	22.00					8.416246697	95.74369334			-0.02	-0.28	Excellent
7793	09/10/21 08:00:00	8.39	21.98					8.367623336	95.15390185			-0.02	-0.27	Excellent
7794	09/10/21 08:30:00	8.37	21.94					8.348909652	94.86796961			-0.02	-0.25	Excellent
7795	09/10/21 09:00:00	8.36	21.92					8.34016635	94.73209966			-0.02	-0.24	Excellent
7796	09/10/21 09:30:00	8.35	21.94					8.331420103	94.66923732			-0.02	-0.22	Excellent
7797	09/10/21 10:00:00	8.39	21.92					8.372567018	95.10012388			-0.02	-0.21	Excellent
7798	09/10/21 10:30:00	8.39	21.94					8.373802938	95.15082997			-0.02	-0.19	Excellent
7799	09/10/21 11:00:00	8.32	21.96					8.305163683	94.40725792			-0.01	-0.18	Excellent
7800	09/10/21 11:30:00	8.33	22.00					8.316372933	94.60752381			-0.01	-0.16	Excellent
7801	09/10/21 12:00:00	8.36	22.02					8.347555357	94.99882121			-0.01	-0.15	Excellent
7802	09/10/21 12:30:00	8.38	22.06					8.368760033	95.31346286			-0.01	-0.13	Excellent
7803	09/10/21 13:00:00	8.40	22.10					8.3899706	95.62855481			-0.01	-0.12	Excellent
7804	09/10/21 13:30:00	8.45	22.10					8.44115566	96.21196011			-0.01	-0.10	Excellent
7805	09/10/21 14:00:00	8.58	22.10					8.572283503	97.70655009			-0.01	-0.09	Excellent
7806	09/10/21 14:30:00	8.60	22.10					8.593532371	97.94874386			-0.01	-0.08	Excellent
7807	09/10/21 15:00:00	8.64	22.08					8.634775036	98.38099175			-0.01	-0.06	Excellent
7808	09/10/21 15:30:00	8.63	22.12					8.626052358	98.35720454			0.00	-0.05	Excellent
7809	09/10/21 16:00:00	8.64	22.10					8.637320531	98.44783959			0.00	-0.03	Excellent
7810	09/10/21 16:30:00	8.69	22.08					8.688585138	98.9940814			0.00	-0.02	Excellent
7811	09/10/21 17:00:00	8.74	22.08					8.739864476	99.57833658			0.00	0.00	Excellent
7812	09/10/21 17:30:00	8.75	22.04					8.751153272	99.6302768			0.00	0.01	Excellent
7813	09/10/21 18:00:00	8.76	22.04					8.762445015	99.75883122			0.00	0.03	Excellent
7814	09/10/21 18:30:00	8.75	22.04					8.753731175	99.65962575			0.00	0.04	Excellent
7815	09/10/21 19:00:00	8.71	22.02					8.714997178	99.18046941			0.00	0.06	Excellent
7816	09/10/21 19:30:00	8.69	22.02					8.696265816	98.96729834			0.01	0.07	Excellent
7817	09/10/21 20:00:00	8.71	22.02					8.717563296	99.20967295			0.01	0.09	Excellent
7818	09/10/21 20:30:00	8.72	22.02					8.728856512	99.33819467			0.01	0.10	Excellent
7819	09/10/21 21:00:00	8.70	22.02					8.710117785	99.12493979			0.01	0.12	Excellent
7820	09/10/21 21:30:00	8.66	22.02					8.67134696	98.68371089			0.01	0.13	Excellent
7821	09/10/21 22:00:00	8.63	22.00					8.642578926	98.31846145			0.01	0.15	Excellent
7822	09/10/21 22:30:00	8.61	22.00					8.623818103	98.10503727			0.01	0.16	Excellent
7823	09/10/21 23:00:00	8.59	22.00					8.605051387	97.89154606			0.02	0.18	Excellent
7824	09/10/21 23:30:00	8.55	22.00				8.580	8.566240789	97.45003453		8.487	0.02	0.19	Excellent
7825	09/11/21 00:00:00	8.53	21.98	8.11	8.82	8.37729		8.547459343	97.19893866	8.424		0.02	0.20	Excellent
7826	09/11/21 00:30:00	8.52	21.96					8.538693945	97.06186565			0.02	0.22	Excellent
7827	09/11/21 01:00:00	8.40	21.94					8.419668044	95.67199137			0.02	0.23	Excellent
7828	09/11/21 01:30:00	8.32	21.90					8.340706338	94.70171308			0.02	0.25	Excellent
7829	09/11/21 02:00:00	8.28	21.88					8.301826504	94.22391829			0.02	0.26	Excellent
7830	09/11/21 02:30:00	8.26	21.86					8.282990554	93.97387273			0.02	0.28	Excellent
7831	09/11/21 03:00:00	8.25	21.84					8.274178017	93.83767073			0.02	0.29	Excellent
7832	09/11/21 03:30:00	8.22	21.82					8.245300975	93.47408447			0.03	0.31	Excellent
7833	09/11/21 04:00:00	8.20	21.80					8.226447347	93.22434188			0.03	0.32	Excellent
7834	09/11/21 04:30:00	8.22	21.76					8.247722731	93.39325135			0.03	0.34	Excellent
7835	09/11/21 05:00:00	8.19	21.72					8.218828012	92.99413663			0.03	0.35	Excellent
7836	09/11/21 05:30:00	8.17	21.70					8.199961126	92.74478657			0.03	0.37	Excellent
7837	09/11/21 06:00:00	8.17	21.66					8.201164638	92.68664544			0.03	0.38	Excellent
7838	09/11/21 06:30:00	8.16	21.64					8.192328533	92.55094912			0.03	0.40	Excellent
7839	09/11/21 07:00:00	8.14	21.60					8.173448389	92.26616102			0.03	0.41	Excellent
7840	09/11/21 07:30:00	8.13	21.56					8.164604918	92.09492581			0.03	0.43	Excellent
7841	09/11/21 08:00:00	8.13	21.52					8.165802538	92.03702994			0.04	0.44	Excellent
7842	09/11/21 08:30:00	8.14	21.48					8.177045669	92.09225976			0.04	0.46	Excellent
7843	09/11/21 09:00:00	8.12	21.46					8.158150795	91.84380106			0.04	0.47	Excellent
7844	09/11/21 09:30:00	8.11	21.46					8.149298485	91.74414247			0.04	0.48	Excellent
7845	09/11/21 10:00:00	8.13	21.48					8.170593018	92.01958814			0.04	0.50	Excellent
7846	09/11/21 10:30:00	8.15	21.48					8.191893445	92.25947972			0.04	0.51	Excellent
7847	09/11/21 11:00:00	8.13	21.50					8.172988259	92.08229083			0.04	0.53	Excellent
7848	09/11/21 11:30:00	8.13	21.50					8.174185879	92.09578401			0.04	0.54	Excellent
7849	09/11/21 12:00:00	8.15	21.52					8.195495143	92.37169627			0.05	0.56	Excellent
7850	09/11/21 12:30:00	8.19	21.48					8.236924891	92.76663693			0.05	0.57	Excellent
7851	09/11/21 13:00:00	8.17	21.50					8.218013813	92.5895785			0.05	0.59	Excellent
7852	09/11/21 13:30:00	8.20	21.50					8.24939805	92.94317407			0.05	0.60	Excellent
7853	09/11/21 14:00:00	8.23	21.52					8.280791126	93.3330701			0.05	0.62	Excellent
7854	09/11/21 14:30:00	8.25	21.52					8.302129852	93.57357959			0.05	0.63	Excellent
7855	09/11/21 15:00:00	8.29	21.52					8.343603792	94.04103374			0.05	0.65	Excellent
7856	09/11/21 15:30:00	8.33	21.54					8.385089517	94.54528042			0.06	0.66	Excellent
7857	09/11/21 16:00:00	8.39	21.54					8.446722241	95.24021435			0.06	0.68	Excellent
7858	09/11/21 16:30:00	8.55	21.50					8.609063442	96.99540224			0.06	0.69	Excellent
7859	09/11/21 17:00:00	8.56	21.48					8.620393485	97.08537144			0.06	0.71	Excellent
7860	09/11/21 17:30:00	8.59	21.46					8.651870526	97.40205782			0.06	0.72	Excellent
7861	09/11/21 18:00:00	8.64	21.46					8.703503405	97.98333659			0.06	0.73	Excellent
7862	09/11/21 18:30:00	8.67	21.46					8.73500107	98.33793475			0.07	0.75	Excellent
7863	09/11/21 19:00:00	8.67	21.48					8.736278237	98.39049912			0.07	0.76	Excellent
7864	09/11/21 19:30:00	8.68	21.48					8.747633322	98.51838339			0.07	0.78	Excellent
7865	09/11/21 20:00:00	8.74	21.50					8.809388312	99.25239471			0.07	0.79	Excellent
7866	09/11/21 20:30:00	8.78	21.52					8.85099925	99.75990469			0.07	0.81	Excellent
7867	09/11/21 21:00:00	8.78	21.54					8.85229262	99.81318464			0.07	0.82	Excellent
7868	09/11/21 21:30:00	8.81	21.56					8.883837424	100.2077084			0.07	0.84	Excellent
7869	09/11/21 22:00:00	8.80	21.58					8.87504993	100.1473953			0.08	0.85	Excellent
7870	09/11/21 22:30:00	8.81	21.58					8.886433004	100.2758436			0.08	0.87	Excellent
7871	09/11/21 23:00:00	8.81	21.60					8.887730794	100.3293544			0.08	0.88	Excellent
7872	09/11/21 23:30:00	8.82	21.62				8.536	8.899118287	100.4968217		8.473	0.08	0.90	Excellent
7873	09/12/21 00:00:00	8.85	21.62	8.61	9.11	8.85021		8.93069108	100.8533699	8.962		0.08	0.91	Excellent
7874	09/12/21 00:30:00	8.89	21.62					8.97236536	101.3239933			0.08	0.93	Excellent
7875	09/12/21 01:00:00	8.90	21.64					8.983769057	101.4920666			0.08	0.94	Excellent
7876	09/12/21 01:30:00	8.95	21.64					9.035558083	102.0771412			0.09	0.96	Excellent
7877	09/12/21 02:00:00	8.91	21.62					8.996488222	101.5964103			0.09	0.97	Excellent
7878	09/12/21 02:30:00	8.73	21.62					8.81602699	99.55848025			0.09	0.99	Excellent
7879	09/12/21 03:00:00	8.66	21.62					8.746612891	98.77459402			0.09	1.00	Excellent

7880	09/12/21 03:30:00	8.67	21.60					8.757990073	98.86477332			0.09	1.01	Excellent
7881	09/12/21 04:00:00	8.67	21.60					8.75926724	98.87919065			0.09	1.03	Excellent
7882	09/12/21 04:30:00	8.68	21.58					8.770648841	98.96931772			0.09	1.04	Excellent
7883	09/12/21 05:00:00	8.68	21.56					8.771927481	98.94538911			0.09	1.06	Excellent
7884	09/12/21 05:30:00	8.65	21.54					8.74288398	98.5795579			0.09	1.07	Excellent
7885	09/12/21 06:00:00	8.62	21.52					8.71383164	98.21388404			0.09	1.09	Excellent
7886	09/12/21 06:30:00	8.63	21.50					8.725211768	98.30400609			0.10	1.10	Excellent
7887	09/12/21 07:00:00	8.65	21.48					8.746706642	98.50794684			0.10	1.12	Excellent
7888	09/12/21 07:30:00	8.61	21.46					8.707527772	98.02864258			0.10	1.13	Excellent
7889	09/12/21 08:00:00	8.63	21.46					8.729025591	98.27066329			0.10	1.15	Excellent
7890	09/12/21 08:30:00	8.66	21.42					8.760645522	98.55006162			0.10	1.16	Excellent
7891	09/12/21 09:00:00	8.72	21.40					8.822627368	99.20875193			0.10	1.18	Excellent
7892	09/12/21 09:30:00	8.78	21.40					8.88462689	99.90592466			0.10	1.19	Excellent
7893	09/12/21 10:00:00	8.74	21.40					8.845437709	99.46524983			0.11	1.21	Excellent
7894	09/12/21 10:30:00	8.76	21.42					8.866969409	99.74611796			0.11	1.22	Excellent
7895	09/12/21 11:00:00	8.74	21.40					8.848012665	99.49420473			0.11	1.24	Excellent
7896	09/12/21 11:30:00	9.02	21.40					9.13280175	102.6966033			0.11	1.25	Excellent
7897	09/12/21 12:00:00	9.03	21.40					9.144257006	102.8254155			0.11	1.27	Excellent
7898	09/12/21 12:30:00	9.08	21.42					9.196227221	103.4499977			0.12	1.28	Excellent
7899	09/12/21 13:00:00	9.11	21.42					9.227953215	103.8068891			0.12	1.29	Excellent
7900	09/12/21 13:30:00	9.07	21.44					9.188771399	103.4062835			0.12	1.31	Excellent
7901	09/12/21 14:00:00	9.03	21.46					9.149577798	103.005206			0.12	1.32	Excellent
7902	09/12/21 14:30:00	8.95	21.46					9.069836828	102.1074886			0.12	1.34	Excellent
7903	09/12/21 15:00:00	8.91	21.42					9.030613766	101.5869825			0.12	1.35	Excellent
7904	09/12/21 15:30:00	9.11	21.38					9.234663128	103.8016631			0.12	1.37	Excellent
7905	09/12/21 16:00:00	8.99	21.38					9.114345329	102.4492382			0.12	1.38	Excellent
7906	09/12/21 16:30:00	8.89	21.38					9.014271752	101.3243674			0.12	1.40	Excellent
7907	09/12/21 17:00:00	8.91	21.38					9.03586385	101.567072			0.13	1.41	Excellent
7908	09/12/21 17:30:00	8.88	21.38					9.006748167	101.239799			0.13	1.43	Excellent
7909	09/12/21 18:00:00	8.89	21.38					9.018200476	101.3685279			0.13	1.44	Excellent
7910	09/12/21 18:30:00	8.90	21.38					9.029655732	101.49729			0.13	1.46	Excellent
7911	09/12/21 19:00:00	8.87	21.36					9.000525318	101.1305257			0.13	1.47	Excellent
7912	09/12/21 19:30:00	8.89	21.36					9.022129201	101.3732684			0.13	1.49	Excellent
7913	09/12/21 20:00:00	8.89	21.34					9.023438775	101.3485601			0.13	1.50	Excellent
7914	09/12/21 20:30:00	8.89	21.34					9.02474835	101.3632688			0.13	1.52	Excellent
7915	09/12/21 21:00:00	8.89	21.36					9.026057925	101.4174118			0.14	1.53	Excellent
7916	09/12/21 21:30:00	8.90	21.38					9.037522019	101.5857105			0.14	1.55	Excellent
7917	09/12/21 22:00:00	8.91	21.38					9.048989059	101.7146051			0.14	1.56	Excellent
7918	09/12/21 22:30:00	8.99	21.42					9.131561302	102.7225593			0.14	1.57	Excellent
7919	09/12/21 23:00:00	9.02	21.44					9.163362423	103.1203424			0.14	1.59	Excellent
7920	09/12/21 23:30:00	9.01	21.46				8.592	9.154530736	103.0609658		8.560	0.14	1.60	Excellent
7921	09/13/21 00:00:00	9.02	21.48	9.02	9.82	9.37688		9.166019873	103.2303741	9.561		0.15	1.62	Excellent
7922	09/13/21 00:30:00	9.02	21.48					9.167348598	103.2453385			0.15	1.63	Excellent
7923	09/13/21 01:00:00	9.05	21.50					9.199171815	103.6439534			0.15	1.65	Excellent
7924	09/13/21 01:30:00	9.06	21.52					9.210671263	103.8137798			0.15	1.66	Excellent
7925	09/13/21 02:00:00	9.11	21.52					9.262844764	104.4018291			0.15	1.68	Excellent
7926	09/13/21 02:30:00	9.09	21.54					9.243848247	104.2281329			0.15	1.69	Excellent
7927	09/13/21 03:00:00	9.11	21.54					9.26552873	104.4725891			0.16	1.71	Excellent
7928	09/13/21 03:30:00	9.10	21.56					9.256698516	104.4134985			0.16	1.72	Excellent
7929	09/13/21 04:00:00	9.14	21.56					9.298733703	104.887646			0.16	1.74	Excellent
7930	09/13/21 04:30:00	9.16	21.58					9.32043039	105.1731352			0.16	1.75	Excellent
7931	09/13/21 05:00:00	9.16	21.60					9.321779738	105.229126			0.16	1.77	Excellent
7932	09/13/21 05:30:00	9.17	21.60					9.333307174	105.3592537			0.16	1.78	Excellent
7933	09/13/21 06:00:00	9.22	21.62					9.385555804	105.9901102			0.17	1.80	Excellent
7934	09/13/21 06:30:00	9.25	21.64					9.417457094	106.3915575			0.17	1.81	Excellent
7935	09/13/21 07:00:00	9.25	21.64					9.4188197	106.4069513			0.17	1.83	Excellent
7936	09/13/21 07:30:00	9.26	21.64					9.430366287	106.5373962			0.17	1.84	Excellent
7937	09/13/21 08:00:00	9.30	21.64					9.472472182	107.0130778			0.17	1.85	Excellent
7938	09/13/21 08:30:00	9.32	21.66					9.494216007	107.3002521			0.17	1.87	Excellent
7939	09/13/21 09:00:00	9.33	21.66					9.505777325	107.430914			0.18	1.88	Excellent
7940	09/13/21 09:30:00	9.38	21.70					9.558101082	108.1058838			0.18	1.90	Excellent
7941	09/13/21 10:00:00	9.38	21.72					9.559482838	108.1633357			0.18	1.91	Excellent
7942	09/13/21 10:30:00	9.40	21.74					9.581250233	108.4515509			0.18	1.93	Excellent
7943	09/13/21 11:00:00	9.38	21.78					9.56224635	108.3201311			0.18	1.94	Excellent
7944	09/13/21 11:30:00	9.49	21.84					9.675781527	109.733293			0.19	1.96	Excellent
7945	09/13/21 12:00:00	9.50	21.88					9.687376726	109.9496108			0.19	1.97	Excellent
7946	09/13/21 12:30:00	9.54	21.92					9.729571006	110.5137058			0.19	1.99	Excellent
7947	09/13/21 13:00:00	9.62	21.96					9.81257781	111.5424812			0.19	2.00	Excellent
7948	09/13/21 13:30:00	9.59	22.00					9.783389946	111.2963914			0.19	2.02	Excellent
7949	09/13/21 14:00:00	9.64	22.02					9.835818292	111.9359026			0.20	2.03	Excellent
7950	09/13/21 14:30:00	9.68	22.08					9.878056765	112.5464204			0.20	2.05	Excellent
7951	09/13/21 15:00:00	9.74	22.12					9.940719177	113.347486			0.20	2.06	Excellent
7952	09/13/21 15:30:00	9.77	22.14					9.972776615	113.7567198			0.20	2.08	Excellent
7953	09/13/21 16:00:00	9.80	22.18					10.00484289	114.2101902			0.20	2.09	Excellent
7954	09/13/21 16:30:00	9.82	22.20					10.02670751	114.5037362			0.21	2.10	Excellent
7955	09/13/21 17:00:00	9.76	22.20					9.966882265	113.8205394			0.21	2.12	Excellent
7956	09/13/21 17:30:00	9.70	22.16					9.907039342	113.0502921			0.21	2.13	Excellent
7957	09/13/21 18:00:00	9.69	22.14					9.898253321	112.9066531			0.21	2.15	Excellent
7958	09/13/21 18:30:00	9.58	22.14					9.787300466	111.6410444			0.21	2.16	Excellent
7959	09/13/21 19:00:00	9.58	22.14					9.788711684	111.6571418			0.21	2.18	Excellent
7960	09/13/21 19:30:00	9.50	22.12					9.708368222	110.6981409			0.21	2.19	Excellent
7961	09/13/21 20:00:00	9.51	22.10					9.719988463	110.7880461			0.21	2.21	Excellent
7962	09/13/21 20:30:00	9.44	22.06					9.649833402	109.9038608			0.21	2.22	Excellent
7963	09/13/21 21:00:00	9.32	22.04					9.528538945	108.4806703			0.21	2.24	Excellent
7964	09/13/21 21:30:00	9.28	22.02					9.489010954	107.9890838			0.21	2.25	Excellent
7965	09/13/21 22:00:00	9.24	22.02					9.449471177	107.5391039			0.21	2.27	Excellent
7966	09/13/21 22:30:00	9.22	22.02					9.430375963	107.321792			0.21	2.28	Excellent
7967	09/13/21 23:00:00	9.22	22.02					9.43173415	107.3372488			0.21	2.30	Excellent
7968	09/13/21 23:30:00	9.20	22.04				8.710	9.412630097	107.1610693		8.711	0.21	2.31	Excellent
7969	09/14/21 00:00:00	9.19	22.04	9.11	9.90	9.51354		9.403752745	107.0600022	9.723		0.21	2.33	Excellent
7970	09/14/21 00:30:00	9.17	22.04					9.38463838	106.8423887			0.21	2.34	Excellent
7971	09/14/21 01:00:00	9.15	22.04					9.365518124	106.6247081			0.22	2.36	Excellent
7972	09/14/21 01:30:00	9.16	22.06					9.377103011	106.7976804			0.22	2.37	Excellent
7973	09/14/21 02:00:00	9.13	22.06					9.347736903	106.463224			0.22	2.38	Excellent
7974	09/14/21 02:30:00	9.15	22.06					9.369561749	106.7117915			0.22	2.40	Excellent
7975	09/14/21 03:00:00	9.11	22.06					9.329943899	106.260576			0.22	2.41	Excellent
7976	09/14/21 03:30:00	9.12	22.08					9.341528786	106.4334464			0.22	2.43	Excellent
7977	09/14/21 04:00:00	9.11	22.08					9.332627864	106.3320331			0.22	2.44	Excellent
7978	09/14/21 04:30:00	9.13	22.10					9.354461548	106.6217847			0.22	2.46	Excellent
7979	09/14/21 05:00:00	9.13	22.12					9.355806477	106.678111			0.23	2.47	Excellent
7980	09/14/21 05:30:00	9.19	22.14					9.418644186	107.4358836			0.23	2.49	Excellent
7981	09/14/21 06:00:00	9.24	22.16					9.471249302	108.077445			0.23	2.50	Excellent
7982	09/14/21 06:30:00	9.27	22.18					9.503365664	108.4855816			0.23	2.52	Excellent
7983	09/14/21 07:00:00	9.27	22.20					9.504731216	108.5428327			0.23	2.53	Excellent
7984	09/14/21 07:30:00	9.33	22.22					9.567624902	109.3030122			0.24	2.55	Excellent
7985	09/14/21 08:00:00	9.33	22.22					9.568999293	109.3187136			0.24	2.56	Excellent
7986	09/14/21 08:30:00	9.39	22.24					9.631919495	110.079757			0.24	2.58	Excellent
7987	09/14/21 09:00:00	9.41	22.26					9.653820941	110.3723869			0.24	2.59	Excellent
7988	09/14/21 09:30:00	9.42	22.28					9.665467698	110.5479251			0.25	2.61	Excellent
7989	09/14/21 10:00:00	9.54	22.30					9.79	112.0151822			0.25	2.62	Excellent
7990	09/14/21 10:30:00	9.61	22.46					9.80	112.4010065			0.19	1.98	Excellent
7991	09/14/21 11:00:00	9.71	22.40					9.902175947	113.4426664			0.19	1.98	Excellent
7992	09/14/21 11:30:00	9.77	22.44					9.963563509	114.2333086			0.19	1.98	Excellent
7993	09/14/21 12:00:00	9.79	22.48					9.984160228	114.5570122			0.19	1.98	Excellent
7994	09/14/21 12:30:00	9.82	22.52					10.0149563	114.9982065			0.19	1.99	Excellent
7995	09/14/21 13:00:00	9.84	22.56					10.03555486	115.3227711			0.20	1.99	Excellent

7996	09/14/21 13:30:00	9.87	22.60					10.06635318	115.7650102			0.20	1.99	Excellent
7997	09/14/21 14:00:00	9.84	22.60					10.03595786	115.4154582			0.20	1.99	Excellent
7998	09/14/21 14:30:00	9.80	22.60					9.995361969	114.9485975			0.20	1.99	Excellent
7999	09/14/21 15:00:00	9.78	22.58					9.975163544	114.6725487			0.20	2.00	Excellent
8000	09/14/21 15:30:00	9.81	22.64					10.00596309	115.1583193			0.20	2.00	Excellent
8001	09/14/21 16:00:00	9.87	22.66					10.06736376	115.9091557			0.20	2.00	Excellent
8002	09/14/21 16:30:00	9.90	22.68					10.09816638	116.3081139			0.20	2.00	Excellent
8003	09/14/21 17:00:00	9.87	22.68					10.06776799	115.957993			0.20	2.00	Excellent
8004	09/14/21 17:30:00	9.83	22.66					10.0271678	115.4463652			0.20	2.01	Excellent
8005	09/14/21 18:00:00	9.75	22.62					9.945762839	114.4218354			0.20	2.01	Excellent
8006	09/14/21 18:30:00	9.75	22.64					9.945962498	114.4677743			0.20	2.01	Excellent
8007	09/14/21 19:00:00	9.71	22.64					9.905357389	114.0004513			0.20	2.01	Excellent
8008	09/14/21 19:30:00	9.69	22.66					9.885153436	113.8113031			0.20	2.01	Excellent
8009	09/14/21 20:00:00	9.62	22.66					9.813940656	112.9914049			0.19	2.02	Excellent
8010	09/14/21 20:30:00	9.59	22.66					9.783532234	112.6413019			0.19	2.02	Excellent
8011	09/14/21 21:00:00	9.61	22.70					9.804132639	112.9645377			0.19	2.02	Excellent
8012	09/14/21 21:30:00	9.61	22.72					9.804329431	113.0098392			0.19	2.02	Excellent
8013	09/14/21 22:00:00	9.59	22.74					9.784121382	112.8198593			0.19	2.02	Excellent
8014	09/14/21 22:30:00	9.59	22.76					9.784317765	112.8650767			0.19	2.03	Excellent
8015	09/14/21 23:00:00	9.55	22.76					9.743702827	112.3965711			0.19	2.03	Excellent
8016	09/14/21 23:30:00	9.54	22.76				8.833	9.733695356	112.2811319		8.880	0.19	2.03	Excellent
8017	09/15/21 00:00:00	9.53	22.78	9.06	9.53	9.30063		9.723687475	112.2083781	9.494		0.19	2.03	Excellent
8018	09/15/21 00:30:00	9.48	22.78					9.672865407	111.621907			0.19	2.03	Excellent
8019	09/15/21 01:00:00	9.45	22.76					9.642448589	111.2285727			0.19	2.04	Excellent
8020	09/15/21 01:30:00	9.38	22.76					9.571215126	110.4068731			0.19	2.04	Excellent
8021	09/15/21 02:00:00	9.33	22.76					9.520386914	109.8205542			0.19	2.04	Excellent
8022	09/15/21 02:30:00	9.29	22.74					9.479760918	109.3103051			0.19	2.04	Excellent
8023	09/15/21 03:00:00	9.24	22.74					9.428928816	108.7241645			0.19	2.04	Excellent
8024	09/15/21 03:30:00	9.23	22.76					9.418913358	108.6500259			0.19	2.05	Excellent
8025	09/15/21 04:00:00	9.20	22.76					9.388487735	108.2990571			0.19	2.05	Excellent
8026	09/15/21 04:30:00	9.19	22.78					9.378471049	108.2246862			0.19	2.05	Excellent
8027	09/15/21 05:00:00	9.16	22.78					9.348043378	107.8735601			0.19	2.05	Excellent
8028	09/15/21 05:30:00	9.13	22.78					9.317614478	107.5224199			0.19	2.05	Excellent
8029	09/15/21 06:00:00	9.11	22.78					9.297390047	107.2890362			0.19	2.06	Excellent
8030	09/15/21 06:30:00	9.10	22.80					9.287370698	107.2141938			0.19	2.06	Excellent
8031	09/15/21 07:00:00	9.06	22.80					9.24673262	106.7450644			0.19	2.06	Excellent
8032	09/15/21 07:30:00	9.09	22.82					9.277537084	107.1414116			0.19	2.06	Excellent
8033	09/15/21 08:00:00	9.08	22.84					9.267516712	107.0663887			0.19	2.07	Excellent
8034	09/15/21 08:30:00	9.09	22.86					9.277909372	107.2271997			0.19	2.07	Excellent
8035	09/15/21 09:00:00	9.12	22.88					9.308716293	107.6241278			0.19	2.07	Excellent
8036	09/15/21 09:30:00	9.15	22.94					9.339524443	108.1033999			0.19	2.07	Excellent
8037	09/15/21 10:00:00	9.20	22.98					9.390748492	108.7788287			0.19	2.07	Excellent
8038	09/15/21 10:30:00	9.23	23.02					9.421559509	109.2185347			0.19	2.08	Excellent
8039	09/15/21 11:00:00	9.29	23.08					9.482994989	110.055759			0.19	2.08	Excellent
8040	09/15/21 11:30:00	9.32	23.12					9.513809077	110.4970218			0.19	2.08	Excellent
8041	09/15/21 12:00:00	9.36	23.16					9.554832548	111.0575053			0.19	2.08	Excellent
8042	09/15/21 12:30:00	9.41	23.20					9.606066017	111.7374862			0.20	2.08	Excellent
8043	09/15/21 13:00:00	9.39	23.22					9.585841586	111.5443949			0.20	2.09	Excellent
8044	09/15/21 13:30:00	9.43	23.24					9.626868948	112.064147			0.20	2.09	Excellent
8045	09/15/21 14:00:00	9.39	23.24					9.58622616	111.5910337			0.20	2.09	Excellent
8046	09/15/21 14:30:00	9.34	23.24					9.535372556	110.9990587			0.20	2.09	Excellent
8047	09/15/21 15:00:00	9.34	23.22					9.535563819	110.9593442			0.20	2.09	Excellent
8048	09/15/21 15:30:00	9.31	23.24					9.505126319	110.6469693			0.20	2.10	Excellent
8049	09/15/21 16:00:00	9.30	23.20					9.495107175	110.4468161			0.20	2.10	Excellent
8050	09/15/21 16:30:00	9.33	23.22					9.525927612	110.8472138			0.20	2.10	Excellent
8051	09/15/21 17:00:00	9.37	23.24					9.566959479	111.3667548			0.20	2.10	Excellent
8052	09/15/21 17:30:00	9.40	23.26					9.597782578	111.7677773			0.20	2.10	Excellent
8053	09/15/21 18:00:00	9.39	23.26					9.587764458	111.6511146			0.20	2.11	Excellent
8054	09/15/21 18:30:00	9.37	23.28					9.567535112	111.4576288			0.20	2.11	Excellent
8055	09/15/21 19:00:00	9.45	23.32					9.649415161	112.496403			0.20	2.11	Excellent
8056	09/15/21 19:30:00	9.45	23.38					9.649608676	112.6260479			0.20	2.11	Excellent
8057	09/15/21 20:00:00	9.47	23.42					9.670225054	112.9517977			0.20	2.11	Excellent
8058	09/15/21 20:30:00	9.41	23.42					9.609149165	112.2384087			0.20	2.12	Excellent
8059	09/15/21 21:00:00	9.39	23.44					9.588918181	112.0443128			0.20	2.12	Excellent
8060	09/15/21 21:30:00	9.39	23.46					9.589110469	112.0887733			0.20	2.12	Excellent
8061	09/15/21 22:00:00	9.35	23.48					9.548453756	111.6555679			0.20	2.12	Excellent
8062	09/15/21 22:30:00	9.34	23.50					9.538432769	111.5803841			0.20	2.12	Excellent
8063	09/15/21 23:00:00	9.33	23.50					9.528411373	111.463154			0.20	2.13	Excellent
8064	09/15/21 23:30:00	9.27	23.50				8.940	9.467325245	110.7485698		9.034	0.20	2.13	Excellent
8065	09/16/21 00:00:00	9.20	23.50	8.64	9.20	8.84542		9.396023591	109.9144845	9.038		0.20	2.13	Excellent
8066	09/16/21 00:30:00	9.17	23.50					9.365572166	109.5582644			0.20	2.13	Excellent
8067	09/16/21 01:00:00	9.08	23.50					9.27383864	108.4851676			0.19	2.13	Excellent
8068	09/16/21 01:30:00	8.98	23.50					9.171887744	107.2925481			0.19	2.14	Excellent
8069	09/16/21 02:00:00	8.92	23.48					9.110788306	106.5376938			0.19	2.14	Excellent
8070	09/16/21 02:30:00	8.88	23.48					9.070114597	106.0620727			0.19	2.14	Excellent
8071	09/16/21 03:00:00	8.82	23.50					9.009010654	105.3872154			0.19	2.14	Excellent
8072	09/16/21 03:30:00	8.81	23.50					8.998976766	105.2698392			0.19	2.15	Excellent
8073	09/16/21 04:00:00	8.79	23.54					8.978727761	105.1120422			0.19	2.15	Excellent
8074	09/16/21 04:30:00	8.76	23.56					8.948263025	104.7948063			0.19	2.15	Excellent
8075	09/16/21 05:00:00	8.76	23.58					8.948442411	104.8363194			0.19	2.15	Excellent
8076	09/16/21 05:30:00	8.74	23.60					8.928191154	104.6383902			0.19	2.15	Excellent
8077	09/16/21 06:00:00	8.73	23.62					8.918154604	104.560047			0.19	2.16	Excellent
8078	09/16/21 06:30:00	8.70	23.64					8.887686182	104.241977			0.19	2.16	Excellent
8079	09/16/21 07:00:00	8.68	23.66					8.867432468	104.0434931			0.19	2.16	Excellent
8080	09/16/21 07:30:00	8.66	23.66					8.847177934	103.8058423			0.19	2.16	Excellent
8081	09/16/21 08:00:00	8.64	23.68					8.826922581	103.6070746			0.19	2.16	Excellent
8082	09/16/21 08:30:00	8.64	23.68					8.82709951	103.6091514			0.19	2.17	Excellent
8083	09/16/21 09:00:00	8.66	23.70					8.847709949	103.8900563			0.19	2.17	Excellent
8084	09/16/21 09:30:00	8.66	23.72					8.847887288	103.93113			0.19	2.17	Excellent
8085	09/16/21 10:00:00	8.69	23.76					8.87871612	104.3715229			0.19	2.17	Excellent
8086	09/16/21 10:30:00	8.75	23.80					8.94019829	105.1730798			0.19	2.17	Excellent
8087	09/16/21 11:00:00	8.75	23.84					8.940377471	105.2540207			0.19	2.18	Excellent
8088	09/16/21 11:30:00	8.79	23.88					8.981427768	105.8165089			0.19	2.18	Excellent
8089	09/16/21 12:00:00	8.85	23.92					9.042915672	106.620704			0.19	2.18	Excellent
8090	09/16/21 12:30:00	8.88	23.98					9.073751467	107.104351			0.19	2.18	Excellent
8091	09/16/21 13:00:00	8.88	24.00					9.07393331	107.1465304			0.19	2.18	Excellent
8092	09/16/21 13:30:00	8.86	24.04					9.053677957	106.9872487			0.19	2.19	Excellent
8093	09/16/21 14:00:00	8.80	23.96					8.992546574	106.1061576			0.19	2.19	Excellent
8094	09/16/21 14:30:00	8.80	23.92					8.992726779	106.0289507			0.19	2.19	Excellent
8095	09/16/21 15:00:00	8.79	23.90					8.982687772	105.8709681			0.19	2.19	Excellent
8096	09/16/21 15:30:00	8.83	23.92					9.023745441	106.394677			0.19	2.19	Excellent
8097	09/16/21 16:00:00	8.87	23.92					9.064804749	106.8787877			0.19	2.20	Excellent
8098	09/16/21 16:30:00	8.86	23.90					9.054766561	106.7204968			0.19	2.20	Excellent
8099	09/16/21 17:00:00	8.94	23.92					9.136708248	107.7265675			0.20	2.20	Excellent
8100	09/16/21 17:30:00	8.86	23.94					9.055129429	106.8046508			0.20	2.20	Excellent
8101	09/16/21 18:00:00	8.98	23.96					9.177956157	108.2938692			0.20	2.20	Excellent
8102	09/16/21 18:30:00	8.92	24.00					9.116816172	107.6528984			0.20	2.21	Excellent
8103	09/16/21 19:00:00	8.97	24.04					9.168103088	108.3394096			0.20	2.21	Excellent
8104	09/16/21 19:30:00	9.00	24.06					9.198949941	108.7445211			0.20	2.21	Excellent
8105	09/16/21 20:00:00	9.00	24.08					9.199134242	108.7872983			0.20	2.21	Excellent
8106	09/16/21 20:30:00	8.94	24.10					9.137989753	108.1045465			0.20	2.21	Excellent
8107	09/16/21 21:00:00	8.94	24.12					9.138172825	108.1470484			0.20	2.22	Excellent
8108	09/16/21 21:30:00	8.94	24.14					9.138355897	108.1895551			0.20	2.22	Excellent
8109	09/16/21 22:00:00	8.87	24.16					9.066984414	107.3846121			0.20	2.22	Excellent
8110	09/16/21 22:30:00	8.90	24.16					9.097832905	107.7499655			0.20	2.22	Excellent
8111	09/16/21 23:00:00	8.82	24.16					9.016235246	106.7835656			0.20	2.22	Excellent

8112	09/16/21 23:30:00	8.82	24.16				8.976	9.016415861	106.7857047		9.108	0.20	2.23	Excellent
8113	09/17/21 00:00:00	8.83	24.14	7.95	8.98	8.62521		9.026819374	106.8690674	8.822		0.20	2.23	Excellent
8114	09/17/21 00:30:00	8.81	24.14					9.006553988	106.6291442			0.20	2.23	Excellent
8115	09/17/21 01:00:00	8.74	24.14					8.935171241	105.7840395			0.20	2.23	Excellent
8116	09/17/21 01:30:00	8.75	24.14					8.945573731	105.9071952			0.20	2.24	Excellent
8117	09/17/21 02:00:00	8.71	24.14					8.904858042	105.4251597			0.19	2.24	Excellent
8118	09/17/21 02:30:00	8.70	24.14					8.894812481	105.3062297			0.19	2.24	Excellent
8119	09/17/21 03:00:00	8.66	24.14					8.85409413	104.8241627			0.19	2.24	Excellent
8120	09/17/21 03:30:00	8.64	24.14					8.833822805	104.5841692			0.19	2.24	Excellent
8121	09/17/21 04:00:00	8.60	24.16					8.793101587	104.1408874			0.19	2.25	Excellent
8122	09/17/21 04:30:00	8.61	24.16					8.803502438	104.2640697			0.19	2.25	Excellent
8123	09/17/21 05:00:00	8.69	24.16					8.885478322	105.2349491			0.20	2.25	Excellent
8124	09/17/21 05:30:00	8.78	24.18					8.977682635	106.366606			0.20	2.25	Excellent
8125	09/17/21 06:00:00	8.81	24.18					9.008538498	106.7321829			0.20	2.25	Excellent
8126	09/17/21 06:30:00	8.91	24.18					9.110974514	107.9458337			0.20	2.26	Excellent
8127	09/17/21 07:00:00	8.97	24.20					9.172511564	108.7154188			0.20	2.26	Excellent
8128	09/17/21 07:30:00	8.69	24.20					8.886368086	105.3239586			0.20	2.26	Excellent
8129	09/17/21 08:00:00	8.61	24.20					8.804736639	104.3564376			0.19	2.26	Excellent
8130	09/17/21 08:30:00	8.57	24.24					8.764007434	103.9511063			0.19	2.26	Excellent
8131	09/17/21 09:00:00	8.70	24.26					8.897128529	105.5693686			0.20	2.27	Excellent
8132	09/17/21 09:30:00	8.69	24.28					8.887079897	105.4893894			0.20	2.27	Excellent
8133	09/17/21 10:00:00	8.68	24.30					8.877030855	105.4093198			0.20	2.27	Excellent
8134	09/17/21 10:30:00	8.71	24.32					8.9078902	105.8151074			0.20	2.27	Excellent
8135	09/17/21 11:00:00	8.75	24.36					8.948978177	106.3822598			0.20	2.27	Excellent
8136	09/17/21 11:30:00	8.79	24.38					8.990067792	106.9104431			0.20	2.28	Excellent
8137	09/17/21 12:00:00	8.81	24.44					9.010703418	107.2753101			0.20	2.28	Excellent
8138	09/17/21 12:30:00	8.78	24.44					8.980199775	106.9121544			0.20	2.28	Excellent
8139	09/17/21 13:00:00	8.84	24.48					9.041748907	107.724852			0.20	2.28	Excellent
8140	09/17/21 13:30:00	8.77	24.46					8.970330938	106.8343132			0.20	2.28	Excellent
8141	09/17/21 14:00:00	8.77	24.46					8.970510529	106.8364521			0.20	2.29	Excellent
8142	09/17/21 14:30:00	8.81	24.50					9.011605469	107.4055577			0.20	2.29	Excellent
8143	09/17/21 15:00:00	8.79	24.52					8.991327795	107.2036296			0.20	2.29	Excellent
8144	09/17/21 15:30:00	8.80	24.48					9.001737042	107.2481442			0.20	2.29	Excellent
8145	09/17/21 16:00:00	8.78	24.52					8.981458345	107.0859561			0.20	2.29	Excellent
8146	09/17/21 16:30:00	8.94	24.48					9.145312639	108.958727			0.21	2.30	Excellent
8147	09/17/21 17:00:00	8.98	24.44					9.186415155	109.3672146			0.21	2.30	Excellent
8148	09/17/21 17:30:00	8.92	24.42					9.125218652	108.5983189			0.21	2.30	Excellent
8149	09/17/21 18:00:00	8.84	24.38					9.043559151	107.5465656			0.20	2.30	Excellent
8150	09/17/21 18:30:00	8.67	24.38					8.869822095	105.4804738			0.20	2.30	Excellent
8151	09/17/21 19:00:00	8.30	24.34					8.491464474	100.9059818			0.19	2.31	Excellent
8152	09/17/21 19:30:00	8.17	24.32					8.358632937	99.29058645			0.19	2.31	Excellent
8153	09/17/21 20:00:00	8.14	24.34					8.328106973	98.96476792			0.19	2.31	Excellent
8154	09/17/21 20:30:00	8.08	24.34					8.266885896	98.23726409			0.19	2.31	Excellent
8155	09/17/21 21:00:00	8.08	24.38					8.267051357	98.31228683			0.19	2.31	Excellent
8156	09/17/21 21:30:00	8.10	24.42					8.287680226	98.63085748			0.19	2.32	Excellent
8157	09/17/21 22:00:00	8.13	24.46					8.318541823	99.071674			0.19	2.32	Excellent
8158	09/17/21 22:30:00	7.95	24.48					8.134530265	96.91610308			0.18	2.32	Excellent
8159	09/17/21 23:00:00	8.08	24.50					8.267713202	98.53941677			0.19	2.32	Excellent
8160	09/17/21 23:30:00	8.08	24.52				8.984	8.267878663	98.57794331		9.146	0.19	2.33	Excellent
8161	09/18/21 00:00:00	8.11	24.54	7.44	8.86	8.00750		8.298742308	98.9826246	8.198		0.19	2.33	Excellent
8162	09/18/21 00:30:00	8.08	24.56					8.268209586	98.65500983			0.19	2.33	Excellent
8163	09/18/21 01:00:00	8.12	24.58					8.309307597	99.18213175			0.19	2.33	Excellent
8164	09/18/21 01:30:00	8.08	24.58					8.268540508	98.69552481			0.19	2.33	Excellent
8165	09/18/21 02:00:00	8.06	24.60					8.248238875	98.48967875			0.19	2.34	Excellent
8166	09/18/21 02:30:00	8.05	24.60					8.238170175	98.36945151			0.19	2.34	Excellent
8167	09/18/21 03:00:00	7.95	24.62					8.135995456	97.18540093			0.19	2.34	Excellent
8168	09/18/21 03:30:00	8.01	24.62					8.197563223	97.92083499			0.19	2.34	Excellent
8169	09/18/21 04:00:00	7.98	24.64					8.167024153	97.59216876			0.19	2.34	Excellent
8170	09/18/21 04:30:00	7.96	24.64					8.146718425	97.34952468			0.19	2.35	Excellent
8171	09/18/21 05:00:00	7.93	24.64					8.116177101	96.98456997			0.19	2.35	Excellent
8172	09/18/21 05:30:00	7.98	24.66					8.167514393	97.63415856			0.19	2.35	Excellent
8173	09/18/21 06:00:00	7.92	24.68					8.106266695	96.93786956			0.19	2.35	Excellent
8174	09/18/21 06:30:00	7.89	24.68					8.07572271	96.57261278			0.19	2.35	Excellent
8175	09/18/21 07:00:00	7.92	24.70					8.106591065	96.97761657			0.19	2.36	Excellent
8176	09/18/21 07:30:00	7.87	24.70					8.055574252	96.36731208			0.19	2.36	Excellent
8177	09/18/21 08:00:00	7.85	24.72					8.035263404	96.15989269			0.19	2.36	Excellent
8178	09/18/21 08:30:00	7.87	24.74					8.055896573	96.44246439			0.19	2.36	Excellent
8179	09/18/21 09:00:00	7.84	24.76					8.025348492	96.11227059			0.19	2.36	Excellent
8180	09/18/21 09:30:00	7.82	24.78					8.005035802	95.90443455			0.19	2.37	Excellent
8181	09/18/21 10:00:00	7.82	24.78					8.005195939	95.90635307			0.19	2.37	Excellent
8182	09/18/21 10:30:00	7.88	24.80					8.066778245	96.67984745			0.19	2.37	Excellent
8183	09/18/21 11:00:00	7.88	24.86					8.066939611	96.78892167			0.19	2.37	Excellent
8184	09/18/21 11:30:00	8.86	24.80					9.070369879	108.7078322			0.21	2.37	Excellent
8185	09/18/21 12:00:00	8.73	24.80					8.93746196	107.1149389			0.21	2.38	Excellent
8186	09/18/21 12:30:00	8.66	24.84					8.8659758	106.3366801			0.21	2.38	Excellent
8187	09/18/21 13:00:00	8.30	24.92					8.497583262	102.0687673			0.20	2.38	Excellent
8188	09/18/21 13:30:00	8.07	24.92					8.26227332	99.24234065			0.19	2.38	Excellent
8189	09/18/21 14:00:00	8.07	24.94					8.262438576	99.28091982			0.19	2.38	Excellent
8190	09/18/21 14:30:00	8.05	24.96					8.2421265	99.07335853			0.19	2.39	Excellent
8191	09/18/21 15:00:00	8.10	24.96					8.293485703	99.69071483			0.19	2.39	Excellent
8192	09/18/21 15:30:00	8.05	24.98					8.242456193	99.11383336			0.19	2.39	Excellent
8193	09/18/21 16:00:00	8.05	24.98					8.24262104	99.11581561			0.19	2.39	Excellent
8194	09/18/21 16:30:00	8.00	25.00					8.191588459	98.53844887			0.19	2.39	Excellent
8195	09/18/21 17:00:00	7.99	25.00					8.181512592	98.41724401			0.19	2.40	Excellent
8196	09/18/21 17:30:00	8.02	25.00					8.212395895	98.78874618			0.19	2.40	Excellent
8197	09/18/21 18:00:00	7.92	25.02					8.110159129	97.59484903			0.19	2.40	Excellent
8198	09/18/21 18:30:00	7.92	25.00					8.110321314	97.56086821			0.19	2.40	Excellent
8199	09/18/21 19:00:00	8.30	24.94					8.499622858	102.1309106			0.20	2.41	Excellent
8200	09/18/21 19:30:00	8.18	24.94					8.376904253	100.6563319			0.20	2.41	Excellent
8201	09/18/21 20:00:00	8.27	24.92					8.469240034	101.7283225			0.20	2.41	Excellent
8202	09/18/21 20:30:00	7.91	24.88					8.100728929	97.23020236			0.19	2.41	Excellent
8203	09/18/21 21:00:00	8.08	24.86					8.274993495	99.28519808			0.19	2.41	Excellent
8204	09/18/21 21:30:00	7.69	24.80					7.875739155	94.39025555			0.19	2.42	Excellent
8205	09/18/21 22:00:00	7.62	24.78					7.804204463	93.4983721			0.18	2.42	Excellent
8206	09/18/21 22:30:00	7.62	24.80					7.804360504	93.53478675			0.18	2.42	Excellent
8207	09/18/21 23:00:00	7.59	24.80					7.773790102	93.16840235			0.18	2.42	Excellent
8208	09/18/21 23:30:00	7.44	24.78				8.931	7.620310242	91.29522503		9.114	0.18	2.42	Excellent
8209	09/19/21 00:00:00	7.62	24.78	7.51	8.43	7.83063		7.804828628	93.50584993	8.024		0.18	2.43	Excellent
8210	09/19/21 00:30:00	7.58	24.78					7.764013621	93.01686521			0.18	2.43	Excellent
8211	09/19/21 01:00:00	7.61	24.78					7.794897744	93.38687284			0.18	2.43	Excellent
8212	09/19/21 01:30:00	7.52	24.80					7.702865036	92.31836974			0.18	2.43	Excellent
8213	09/19/21 02:00:00	7.60	24.78					7.784966041	93.26788595			0.18	2.43	Excellent
8214	09/19/21 02:30:00	7.55	24.78					7.733903767	92.65613371			0.18	2.44	Excellent
8215	09/19/21 03:00:00	7.55	24.76					7.734058375	92.62375484			0.18	2.44	Excellent
8216	09/19/21 03:30:00	7.56	24.74					7.744456973	92.71401502			0.18	2.44	Excellent
8217	09/19/21 04:00:00	7.53	24.74					7.7138792	92.34794827			0.18	2.44	Excellent
8218	09/19/21 04:30:00	7.54	24.72					7.724277798	92.43825459			0.18	2.44	Excellent
8219	09/19/21 05:00:00	7.52	24.72					7.703942991	92.19490315			0.18	2.45	Excellent
8220	09/19/21 05:30:00	7.51	24.72					7.693852175	92.07414398			0.18	2.45	Excellent
8221	09/19/21 06:00:00	7.53	24.70					7.714495993	92.28705735			0.18	2.45	Excellent
8222	09/19/21 06:30:00	7.52	24.70					7.704404972	92.16634037			0.18	2.45	Excellent
8223	09/19/21 07:00:00	7.51	24.68					7.694313542	92.01157456			0.18	2.45	Excellent
8224	09/19/21 07:30:00	7.57	24.66					7.755941104	92.714227			0.19	2.46	Excellent
8225	09/19/21 08:00:00	7.59	24.64					7.776587789	92.92663444			0.19	2.46	Excellent
8226	09/19/21 08:30:00	7.59	24.64					7.776743216	92.92849172			0.19	2.46	Excellent
8227	09/19/21 09:00:00	7.99	24.66					8.186748374	97.86408083			0.20	2.46	Excellent

8228	09/19/21 09:30:00	7.98	24.68					8.176665544	97.7797262			0.20	2.46	Excellent
8229	09/19/21 10:00:00	8.08	24.70					8.279295486	99.04364692			0.20	2.47	Excellent
8230	09/19/21 10:30:00	8.00	24.74					8.197486086	98.13752607			0.20	2.47	Excellent
8231	09/19/21 11:00:00	7.80	24.78					7.992708661	95.75674909			0.19	2.47	Excellent
8232	09/19/21 11:30:00	7.81	24.84					8.003115656	95.98771396			0.19	2.47	Excellent
8233	09/19/21 12:00:00	7.83	24.88					8.023770532	96.30649777			0.19	2.47	Excellent
8234	09/19/21 12:30:00	7.84	24.92					8.03417855	96.5025791			0.19	2.48	Excellent
8235	09/19/21 13:00:00	7.88	24.96					8.075330623	97.06841142			0.20	2.48	Excellent
8236	09/19/21 13:30:00	7.92	24.98					8.116484334	97.59904777			0.20	2.48	Excellent
8237	09/19/21 14:00:00	7.92	25.00					8.116646518	97.63695551			0.20	2.48	Excellent
8238	09/19/21 14:30:00	8.01	25.02					8.209045166	98.78480939			0.20	2.48	Excellent
8239	09/19/21 15:00:00	7.97	25.02					8.168214391	98.29346597			0.20	2.49	Excellent
8240	09/19/21 15:30:00	8.10	25.02					8.30161337	99.89874313			0.20	2.49	Excellent
8241	09/19/21 16:00:00	8.12	25.02					8.322277461	100.1474077			0.20	2.49	Excellent
8242	09/19/21 16:30:00	8.11	25.00					8.312194426	99.98924501			0.20	2.49	Excellent
8243	09/19/21 17:00:00	8.17	25.00					8.37385762	100.7310054			0.20	2.50	Excellent
8244	09/19/21 17:30:00	8.17	24.98					8.374024924	100.6959202			0.20	2.50	Excellent
8245	09/19/21 18:00:00	8.15	24.92					8.35369237	100.3404211			0.20	2.50	Excellent
8246	09/19/21 18:30:00	8.04	24.86					8.24110779	98.87862992			0.20	2.50	Excellent
8247	09/19/21 19:00:00	8.03	24.82					8.231022093	98.68473679			0.20	2.50	Excellent
8248	09/19/21 19:30:00	8.06	24.78					8.261938161	98.98225658			0.20	2.51	Excellent
8249	09/19/21 20:00:00	8.26	24.74					8.467118181	101.3654702			0.21	2.51	Excellent
8250	09/19/21 20:30:00	8.43	24.72					8.641553532	103.4155097			0.21	2.51	Excellent
8251	09/19/21 21:00:00	8.15	24.66					8.354693738	99.87169337			0.20	2.51	Excellent
8252	09/19/21 21:30:00	7.91	24.66					8.108827927	96.93262275			0.20	2.51	Excellent
8253	09/19/21 22:00:00	7.83	24.62					8.026977366	95.88316731			0.20	2.52	Excellent
8254	09/19/21 22:30:00	7.78	24.60					7.975878847	95.23751158			0.20	2.52	Excellent
8255	09/19/21 23:00:00	7.78	24.56					7.976038164	95.1688652			0.20	2.52	Excellent
8256	09/19/21 23:30:00	7.75	24.54				8.786	7.945440937	94.76864908		8.980	0.20	2.52	Excellent
8257	09/20/21 00:00:00	7.73	24.52	7.51	8.23	7.79125		7.925094867	94.49093103	7.992		0.20	2.52	Excellent
8258	09/20/21 00:30:00	7.72	24.50					7.915000569	94.33558237			0.20	2.53	Excellent
8259	09/20/21 01:00:00	7.68	24.48					7.874147474	93.81386059			0.19	2.53	Excellent
8260	09/20/21 01:30:00	7.64	24.46					7.83329274	93.29248337			0.19	2.53	Excellent
8261	09/20/21 02:00:00	7.63	24.44					7.823195985	93.13765377			0.19	2.53	Excellent
8262	09/20/21 02:30:00	7.63	24.44					7.823352231	93.13951393			0.19	2.53	Excellent
8263	09/20/21 03:00:00	7.60	24.42					7.792747632	92.74071393			0.19	2.54	Excellent
8264	09/20/21 03:30:00	7.61	24.40					7.803157084	92.83011017			0.19	2.54	Excellent
8265	09/20/21 04:00:00	7.58	24.38					7.772550846	92.43165611			0.19	2.54	Excellent
8266	09/20/21 04:30:00	7.58	24.36					7.772706068	92.39915664			0.19	2.54	Excellent
8267	09/20/21 05:00:00	7.59	24.34					7.783115724	92.48851436			0.19	2.54	Excellent
8268	09/20/21 05:30:00	7.57	24.34					7.762761873	92.24664497			0.19	2.55	Excellent
8269	09/20/21 06:00:00	7.51	24.32					7.701387827	91.48329871			0.19	2.55	Excellent
8270	09/20/21 06:30:00	7.53	24.30					7.722051713	91.69464786			0.19	2.55	Excellent
8271	09/20/21 07:00:00	7.53	24.28					7.722205911	91.66236783			0.19	2.55	Excellent
8272	09/20/21 07:30:00	7.71	24.28					7.906958359	93.85537421			0.20	2.55	Excellent
8273	09/20/21 08:00:00	7.80	24.24					7.999417212	94.88219577			0.20	2.56	Excellent
8274	09/20/21 08:30:00	7.62	24.22					7.814971317	92.65994513			0.19	2.56	Excellent
8275	09/20/21 09:00:00	7.61	24.24					7.804871286	92.57465959			0.19	2.56	Excellent
8276	09/20/21 09:30:00	7.61	24.26					7.805027123	92.61097923			0.20	2.56	Excellent
8277	09/20/21 10:00:00	7.64	24.30					7.835952406	93.04714903			0.20	2.56	Excellent
8278	09/20/21 10:30:00	7.69	24.34					7.887392292	93.72765626			0.20	2.57	Excellent
8279	09/20/21 11:00:00	7.75	24.38					7.949091117	94.53108396			0.20	2.57	Excellent
8280	09/20/21 11:30:00	7.82	24.42					8.021049496	95.4577117			0.20	2.57	Excellent
8281	09/20/21 12:00:00	7.86	24.48					8.062238839	96.05481139			0.20	2.57	Excellent
8282	09/20/21 12:30:00	7.88	24.54					8.082914807	96.40835832			0.20	2.58	Excellent
8283	09/20/21 13:00:00	7.97	24.60					8.17539557	97.6198793			0.21	2.58	Excellent
8284	09/20/21 13:30:00	8.00	24.64					8.206332526	98.06188568			0.21	2.58	Excellent
8285	09/20/21 14:00:00	8.04	24.66					8.247528831	98.59064812			0.21	2.58	Excellent
8286	09/20/21 14:30:00	8.09	24.66					8.298985099	99.20575441			0.21	2.58	Excellent
8287	09/20/21 15:00:00	8.09	24.68					8.299150765	99.2444518			0.21	2.59	Excellent
8288	09/20/21 15:30:00	8.12	24.64					8.330092635	99.54076186			0.21	2.59	Excellent
8289	09/20/21 16:00:00	8.10	24.60					8.309741036	99.22405711			0.21	2.59	Excellent
8290	09/20/21 16:30:00	8.11	24.58					8.320166051	99.31174119			0.21	2.59	Excellent
8291	09/20/21 17:00:00	8.10	24.52					8.310072778	99.08102387			0.21	2.59	Excellent
8292	09/20/21 17:30:00	8.03	24.48					8.238421771	98.15388321			0.21	2.60	Excellent
8293	09/20/21 18:00:00	8.02	24.44					8.22832645	97.96086171			0.21	2.60	Excellent
8294	09/20/21 18:30:00	7.92	24.40					8.125891048	96.66950865			0.21	2.60	Excellent
8295	09/20/21 19:00:00	7.90	24.36					8.105532896	96.35568323			0.21	2.60	Excellent
8296	09/20/21 19:30:00	7.83	24.34					8.033872061	95.46830829			0.20	2.60	Excellent
8297	09/20/21 20:00:00	8.22	24.32					8.434194936	100.1881728			0.21	2.61	Excellent
8298	09/20/21 20:30:00	8.23	24.28					8.444624046	100.2374509			0.21	2.61	Excellent
8299	09/20/21 21:00:00	7.89	24.28					8.09591901	96.09833184			0.21	2.61	Excellent
8300	09/20/21 21:30:00	7.73	24.24					7.931901506	94.08138264			0.20	2.61	Excellent
8301	09/20/21 22:00:00	7.66	24.22					7.860230022	93.19656503			0.20	2.61	Excellent
8302	09/20/21 22:30:00	7.62	24.22					7.819340476	92.71174903			0.20	2.62	Excellent
8303	09/20/21 23:00:00	7.61	24.20					7.809234711	92.55744361			0.20	2.62	Excellent
8304	09/20/21 23:30:00	7.58	24.20				8.559	7.778604514	92.19440512		8.756	0.20	2.62	Excellent
8305	09/21/21 00:00:00	7.58	24.20	7.44	8.78	7.64167		7.778759736	92.19624486	7.735		0.20	2.62	Excellent
8306	09/21/21 00:30:00	7.54	24.18					7.737865275	91.67738495			0.20	2.62	Excellent
8307	09/21/21 01:00:00	7.54	24.16					7.738019678	91.64505019			0.20	2.63	Excellent
8308	09/21/21 01:30:00	7.53	24.16					7.727911251	91.52533127			0.20	2.63	Excellent
8309	09/21/21 02:00:00	7.53	24.16					7.728065449	91.52715752			0.20	2.63	Excellent
8310	09/21/21 02:30:00	7.53	24.14					7.728219648	91.4948657			0.20	2.63	Excellent
8311	09/21/21 03:00:00	7.49	24.14					7.687320067	91.01065307			0.20	2.63	Excellent
8312	09/21/21 03:30:00	7.48	24.14					7.677209797	90.89095696			0.20	2.64	Excellent
8313	09/21/21 04:00:00	7.52	24.14					7.718418389	91.378828			0.20	2.64	Excellent
8314	09/21/21 04:30:00	7.49	24.12					7.687780205	90.9821639			0.20	2.64	Excellent
8315	09/21/21 05:00:00	7.48	24.12					7.677669321	90.86250516			0.20	2.64	Excellent
8316	09/21/21 05:30:00	7.46	24.12					7.657293558	90.6213652			0.20	2.64	Excellent
8317	09/21/21 06:00:00	7.45	24.12					7.647181649	90.50169434			0.20	2.65	Excellent
8318	09/21/21 06:30:00	7.44	24.12					7.637069331	90.38201862			0.20	2.65	Excellent
8319	09/21/21 07:00:00	7.47	24.12					7.668016936	90.74827259			0.20	2.65	Excellent
8320	09/21/21 07:30:00	7.48	24.12					7.678435193	90.87156899			0.20	2.65	Excellent
8321	09/21/21 08:00:00	7.47	24.12					7.668322875	90.75189327			0.20	2.65	Excellent
8322	09/21/21 08:30:00	7.49	24.12					7.689007239	90.99668542			0.20	2.66	Excellent
8323	09/21/21 09:00:00	7.50	24.12					7.69942652	91.11999393			0.20	2.66	Excellent
8324	09/21/21 09:30:00	7.54	24.12					7.740644532	91.60779454			0.20	2.66	Excellent
8325	09/21/21 10:00:00	7.51	24.12					7.71	91.24512733			0.20	2.66	Excellent
8326	09/21/21 10:30:00	7.71	24.12					7.73	91.47442763			0.02	0.26	Excellent
8327	09/21/21 11:00:00	7.74	24.16					7.759367155	91.89045171			0.02	0.25	Excellent
8328	09/21/21 11:30:00	8.78	24.12					8.801163304	104.1502427			0.02	0.24	Excellent
8329	09/21/21 12:00:00	8.23	24.18					8.249081928	97.72632541			0.02	0.23	Excellent
8330	09/21/21 12:30:00	7.97	24.16					7.987747313	94.59504804			0.02	0.22	Excellent
8331	09/21/21 13:00:00	7.87	24.18					7.886802034	93.43441958			0.02	0.21	Excellent
8332	09/21/21 13:30:00	7.79	24.16					7.805915981	92.44170707			0.02	0.20	Excellent
8333	09/21/21 14:00:00	7.76	24.14					7.775142185	92.04294564			0.02	0.20	Excellent
8334	09/21/21 14:30:00	7.71	24.12					7.724336708	91.40740999			0.01	0.19	Excellent
8335	09/21/21 15:00:00	7.71	24.10					7.723628797	91.36494358			0.01	0.18	Excellent
8336	09/21/21 15:30:00	7.72	24.12					7.732937644	91.5091908			0.01	0.17	Excellent
8337	09/21/21 16:00:00	7.71	24.10					7.722212974	91.34819542			0.01	0.16	Excellent
8338	09/21/21 16:30:00	7.69	24.08					7.701475217	91.06889411			0.01	0.15	Excellent
8339	09/21/21 17:00:00	7.72	24.02					7.730811155	91.31344988			0.01	0.14	Excellent
8340	09/21/21 17:30:00	7.70	24.00					7.710076153	91.03452027			0.01	0.13	Excellent
8341	09/21/21 18:00:00	7.67	23.96					7.679332657	90.6037737			0.01	0.12	Excellent
8342	09/21/21 18:30:00	7.66	23.92					7.668617168	90.40970217			0.01	0.11	Excellent
8343	09/21/21 19:00:00	7.64	23.90					7.647893185	90.13164783			0.01	0.10	Excellent

8344	09/21/21 19:30:00	7.64	23.88					7.6471917	90.08965907			0.01	0.09	Excellent
8345	09/21/21 20:00:00	7.64	23.86					7.646490216	90.04767922			0.01	0.08	Excellent
8346	09/21/21 20:30:00	7.62	23.84					7.625773578	89.77009126			0.01	0.08	Excellent
8347	09/21/21 21:00:00	7.62	23.82					7.62507393	89.72823911			0.01	0.07	Excellent
8348	09/21/21 21:30:00	7.60	23.80					7.604362801	89.45099847			0.00	0.06	Excellent
8349	09/21/21 22:00:00	7.60	23.80					7.60366499	89.44279003			0.00	0.05	Excellent
8350	09/21/21 22:30:00	7.60	23.78					7.602967178	89.40106853			0.00	0.04	Excellent
8351	09/21/21 23:00:00	7.59	23.78					7.59226638	89.27524098			0.00	0.03	Excellent
8352	09/21/21 23:30:00	7.59	23.76				8.292	7.591569487	89.23358629		8.472	0.00	0.02	Excellent
8353	09/22/21 00:00:00	7.57	23.76	7.48	7.80	7.60313		7.570870294	88.99028177	7.588		0.00	0.01	Excellent
8354	09/22/21 00:30:00	7.56	23.74					7.560175006	88.83124708			0.00	0.00	Excellent
8355	09/22/21 01:00:00	7.56	23.74					7.559480867	88.82309103			0.00	-0.01	Excellent
8356	09/22/21 01:30:00	7.54	23.74					7.538789938	88.57997482			0.00	-0.02	Excellent
8357	09/22/21 02:00:00	7.54	23.74					7.538097635	88.57184034			0.00	-0.03	Excellent
8358	09/22/21 02:30:00	7.54	23.74					7.537405332	88.56370586			0.00	-0.03	Excellent
8359	09/22/21 03:00:00	7.53	23.74					7.526717389	88.43812367			0.00	-0.04	Excellent
8360	09/22/21 03:30:00	7.53	23.74					7.526026005	88.42999998			0.00	-0.05	Excellent
8361	09/22/21 04:00:00	7.51	23.74					7.505347012	88.18702403			0.00	-0.06	Excellent
8362	09/22/21 04:30:00	7.50	23.74					7.494664578	88.06150657			-0.01	-0.07	Excellent
8363	09/22/21 05:00:00	7.52	23.74					7.513959884	88.28822435			-0.01	-0.08	Excellent
8364	09/22/21 05:30:00	7.50	23.74					7.493287318	88.04532391			-0.01	-0.09	Excellent
8365	09/22/21 06:00:00	7.49	23.76					7.482608557	87.95282681			-0.01	-0.10	Excellent
8366	09/22/21 06:30:00	7.49	23.74					7.481920845	87.91176907			-0.01	-0.11	Excellent
8367	09/22/21 07:00:00	7.49	23.74					7.481233133	87.90368853			-0.01	-0.12	Excellent
8368	09/22/21 07:30:00	7.49	23.74					7.480545422	87.89560799			-0.01	-0.13	Excellent
8369	09/22/21 08:00:00	7.48	23.76					7.469871251	87.8031087			-0.01	-0.14	Excellent
8370	09/22/21 08:30:00	7.50	23.76					7.489155539	88.02978201			-0.01	-0.14	Excellent
8371	09/22/21 09:00:00	7.52	23.76					7.508436154	88.25641215			-0.01	-0.15	Excellent
8372	09/22/21 09:30:00	7.73	23.78					7.71740348	90.74669155			-0.01	-0.16	Excellent
8373	09/22/21 10:00:00	7.80	23.78					7.786573235	91.56003848			-0.01	-0.17	Excellent
8374	09/22/21 10:30:00	7.65	23.78					7.63612904	89.79100917			-0.01	-0.18	Excellent
8375	09/22/21 11:00:00	7.61	23.80					7.595502838	89.3467777			-0.01	-0.19	Excellent
8376	09/22/21 11:30:00	7.64	23.82					7.624744203	89.72435904			-0.02	-0.20	Excellent
8377	09/22/21 12:00:00	7.66	23.82					7.644000946	89.95096321			-0.02	-0.21	Excellent
8378	09/22/21 12:30:00	7.69	23.84					7.673232211	90.32877109			-0.02	-0.22	Excellent
8379	09/22/21 13:00:00	7.65	23.80					7.632617028	89.7833562			-0.02	-0.23	Excellent
8380	09/22/21 13:30:00	7.66	23.74					7.641890984	89.79140108			-0.02	-0.24	Excellent
8381	09/22/21 14:00:00	7.72	23.74					7.701040308	90.48639931			-0.02	-0.25	Excellent
8382	09/22/21 14:30:00	7.72	23.70					7.700331479	90.41020537			-0.02	-0.25	Excellent
8383	09/22/21 15:00:00	7.72	23.68					7.699622649	90.36795754			-0.02	-0.26	Excellent
8384	09/22/21 15:30:00	7.74	23.64					7.718859192	90.52571847			-0.02	-0.27	Excellent
8385	09/22/21 16:00:00	7.73	23.64					7.708176758	90.40043635			-0.02	-0.28	Excellent
8386	09/22/21 16:30:00	7.72	23.62					7.69749616	90.24126794			-0.02	-0.29	Excellent
8387	09/22/21 17:00:00	7.69	23.60					7.666877535	89.84854156			-0.02	-0.30	Excellent
8388	09/22/21 17:30:00	7.68	23.56					7.656202446	89.65600136			-0.02	-0.31	Excellent
8389	09/22/21 18:00:00	7.66	23.54					7.635561098	89.38066196			-0.02	-0.32	Excellent
8390	09/22/21 18:30:00	7.64	23.52					7.614923423	89.10555003			-0.03	-0.33	Excellent
8391	09/22/21 19:00:00	7.63	23.48					7.60425568	88.91376293			-0.03	-0.34	Excellent
8392	09/22/21 19:30:00	7.62	23.44					7.593589773	88.7221959			-0.03	-0.35	Excellent
8393	09/22/21 20:00:00	7.61	23.40					7.582925702	88.53084882			-0.03	-0.36	Excellent
8394	09/22/21 20:30:00	7.60	23.38					7.572263468	88.37304295			-0.03	-0.36	Excellent
8395	09/22/21 21:00:00	7.60	23.36					7.571565656	88.33158078			-0.03	-0.37	Excellent
8396	09/22/21 21:30:00	7.59	23.34					7.560906176	88.1739562			-0.03	-0.38	Excellent
8397	09/22/21 22:00:00	7.58	23.34					7.550248533	88.04966864			-0.03	-0.39	Excellent
8398	09/22/21 22:30:00	7.59	23.32					7.55951239	88.1244422			-0.03	-0.40	Excellent
8399	09/22/21 23:00:00	7.59	23.30					7.558815496	88.08306404			-0.03	-0.41	Excellent
8400	09/22/21 23:30:00	7.57	23.28				8.049	7.538202612	87.80970075		8.199	-0.03	-0.42	Excellent
8401	09/23/21 00:00:00	7.56	23.28	7.54	9.13	8.27104		7.527550477	87.68561802	8.217		-0.03	-0.43	Excellent
8402	09/23/21 00:30:00	7.57	23.28					7.536812498	87.79350783			-0.03	-0.44	Excellent
8403	09/23/21 01:00:00	7.56	23.26					7.5261622	87.63634127			-0.03	-0.45	Excellent
8404	09/23/21 01:30:00	7.57	23.26					7.535422383	87.74416895			-0.03	-0.46	Excellent
8405	09/23/21 02:00:00	7.56	23.26					7.524773922	87.62017584			-0.04	-0.47	Excellent
8406	09/23/21 02:30:00	7.56	23.24					7.524079783	87.57899971			-0.04	-0.48	Excellent
8407	09/23/21 03:00:00	7.55	23.24					7.513434076	87.45508551			-0.04	-0.48	Excellent
8408	09/23/21 03:30:00	7.56	23.24					7.522691505	87.5628404			-0.04	-0.49	Excellent
8409	09/23/21 04:00:00	7.55	23.24					7.512047634	87.43894756			-0.04	-0.50	Excellent
8410	09/23/21 04:30:00	7.54	23.24					7.5014056	87.31507611			-0.04	-0.51	Excellent
8411	09/23/21 05:00:00	7.55	23.22					7.510661193	87.38977786			-0.04	-0.52	Excellent
8412	09/23/21 05:30:00	7.54	23.22					7.500020995	87.26597457			-0.04	-0.53	Excellent
8413	09/23/21 06:00:00	7.54	23.22					7.499328692	87.25791934			-0.04	-0.54	Excellent
8414	09/23/21 06:30:00	7.54	23.22					7.498636389	87.2498641			-0.04	-0.55	Excellent
8415	09/23/21 07:00:00	7.59	23.22					7.547665201	87.82033544			-0.04	-0.56	Excellent
8416	09/23/21 07:30:00	7.59	23.22					7.546968308	87.81222679			-0.04	-0.57	Excellent
8417	09/23/21 08:00:00	7.56	23.22					7.516444255	87.45706628			-0.04	-0.58	Excellent
8418	09/23/21 08:30:00	7.62	23.22					7.575398926	88.14302928			-0.04	-0.59	Excellent
8419	09/23/21 09:00:00	7.72	23.14					7.674104781	89.15653903			-0.05	-0.59	Excellent
8420	09/23/21 09:30:00	7.75	23.10					7.703214847	89.42700772			-0.05	-0.60	Excellent
8421	09/23/21 10:00:00	7.75	23.04					7.702503263	89.31718532			-0.05	-0.61	Excellent
8422	09/23/21 10:30:00	7.73	23.04					7.681916088	89.07845921			-0.05	-0.62	Excellent
8423	09/23/21 11:00:00	7.71	22.98					7.661332585	88.7387811			-0.05	-0.63	Excellent
8424	09/23/21 11:30:00	7.72	23.00					7.670560632	88.87936938			-0.05	-0.64	Excellent
8425	09/23/21 12:00:00	7.72	23.04					7.669851803	88.9385634			-0.05	-0.65	Excellent
8426	09/23/21 12:30:00	8.81	23.08					8.751962383	101.563501			-0.06	-0.66	Excellent
8427	09/23/21 13:00:00	8.95	23.08					8.89021834	103.1679136			-0.06	-0.67	Excellent
8428	09/23/21 13:30:00	9.00	23.00					8.939058008	103.5775449			-0.06	-0.68	Excellent
8429	09/23/21 14:00:00	8.81	22.96					8.749535651	101.304651			-0.06	-0.69	Excellent
8430	09/23/21 14:30:00	8.77	22.90					8.709004939	100.7206058			-0.06	-0.70	Excellent
8431	09/23/21 15:00:00	8.79	22.88					8.728058766	100.9026315			-0.06	-0.70	Excellent
8432	09/23/21 15:30:00	8.96	22.86					8.896038129	102.8055251			-0.06	-0.71	Excellent
8433	09/23/21 16:00:00	9.07	22.86					9.0044201	104.0580226			-0.07	-0.72	Excellent
8434	09/23/21 16:30:00	9.09	22.84					9.023440872	104.2382079			-0.07	-0.73	Excellent
8435	09/23/21 17:00:00	9.09	22.82					9.022606253	104.1889483			-0.07	-0.74	Excellent
8436	09/23/21 17:30:00	9.13	22.80					9.061471398	104.5979597			-0.07	-0.75	Excellent
8437	09/23/21 18:00:00	8.85	22.80					8.782760459	101.3807564			-0.07	-0.76	Excellent
8438	09/23/21 18:30:00	8.92	22.78					8.85140961	102.1343239			-0.07	-0.77	Excellent
8439	09/23/21 19:00:00	8.91	22.74					8.840668413	101.9327668			-0.07	-0.78	Excellent
8440	09/23/21 19:30:00	9.03	22.72					8.958905544	103.2567162			-0.07	-0.79	Excellent
8441	09/23/21 20:00:00	9.11	22.66					9.037439237	104.0428799			-0.07	-0.80	Excellent
8442	09/23/21 20:30:00	9.12	22.60					9.046522214	104.028372			-0.07	-0.81	Excellent
8443	09/23/21 21:00:00	9.07	22.56					8.996092269	103.3695393			-0.07	-0.81	Excellent
8444	09/23/21 21:30:00	9.07	22.52					8.995259486	103.2810647			-0.07	-0.82	Excellent
8445	09/23/21 22:00:00	9.06	22.44					8.984510026	103.0000573			-0.08	-0.83	Excellent
8446	09/23/21 22:30:00	9.09	22.34					9.013425439	103.1340037			-0.08	-0.84	Excellent
8447	09/23/21 23:00:00	9.07	22.24					8.992761137	102.7005427			-0.08	-0.85	Excellent
8448	09/23/21 23:30:00	9.03	22.18				7.967	8.952272661	102.1205103		8.082	-0.08	-0.86	Excellent
8449	09/24/21 00:00:00	9.01	22.16	8.92	10.33	9.71438		8.931617541	101.8457763	9.608		-0.08	-0.87	Excellent
8450	09/24/21 00:30:00	9.04	22.14					8.960526527	102.1361807			-0.08	-0.88	Excellent
8451	09/24/21 01:00:00	9.10	22.12					9.019163511	102.7650581			-0.08	-0.89	Excellent
8452	09/24/21 01:30:00	9.10	22.12					9.018327973	102.7555379			-0.08	-0.90	Excellent
8453	09/24/21 02:00:00	9.09	22.10					9.007583104	102.5936701			-0.08	-0.91	Excellent
8454	09/24/21 02:30:00	9.06	22.08					8.977023242	102.2062994			-0.08	-0.92	Excellent
8455	09/24/21 03:00:00	9.03	22.06					8.946468889	101.819262			-0.08	-0.93	Excellent
8456	09/24/21 03:30:00	8.92	22.04					8.836667422	100.5309352			-0.08	-0.93	Excellent
8457	09/24/21 04:00:00	9.22	22.04					9.133018201	103.9023896			-0.09	-0.94	Excellent
8458	09/24/21 04:30:00	9.77	22.02					9.676932427	110.0479086			-0.09	-0.95	Excellent
8459	09/24/21 05:00:00	9.42	21.96					9.329401556	105.9732323			-0.09	-0.96	Excellent

8460	09/24/21 05:30:00	9.57	21.86					9.477080214	107.4434076			-0.09	-0.97	Excellent
8461	09/24/21 06:00:00	9.56	21.76					9.466299536	107.1141866			-0.09	-0.98	Excellent
8462	09/24/21 06:30:00	9.54	21.64					9.445619625	106.6324381			-0.09	-0.99	Excellent
8463	09/24/21 07:00:00	9.67	21.58					9.573445645	107.9499709			-0.10	-1.00	Excellent
8464	09/24/21 07:30:00	9.63	21.54					9.532960842	107.4101642			-0.10	-1.01	Excellent
8465	09/24/21 08:00:00	9.56	21.54					9.462788441	106.6195149			-0.10	-1.02	Excellent
8466	09/24/21 08:30:00	9.54	21.54					9.442115876	106.3865921			-0.10	-1.03	Excellent
8467	09/24/21 09:00:00	9.55	21.52					9.451136417	106.4469406			-0.10	-1.04	Excellent
8468	09/24/21 09:30:00	9.60	21.48					9.49973736	106.9113358			-0.10	-1.04	Excellent
8469	09/24/21 10:00:00	9.59	21.44					9.488961272	106.7071762			-0.10	-1.05	Excellent
8470	09/24/21 10:30:00	9.67	21.36					9.567230531	107.4202493			-0.10	-1.06	Excellent
8471	09/24/21 11:00:00	9.65	21.28					9.546557047	107.0214458			-0.10	-1.07	Excellent
8472	09/24/21 11:30:00	9.65	21.24					9.54567101	106.9281988			-0.10	-1.08	Excellent
8473	09/24/21 12:00:00	9.73	21.14					9.623912724	107.5947074			-0.11	-1.09	Excellent
8474	09/24/21 12:30:00	9.69	21.06					9.583459139	106.9752555			-0.11	-1.10	Excellent
8475	09/24/21 13:00:00	9.76	21.02					9.651793357	107.6538673			-0.11	-1.11	Excellent
8476	09/24/21 13:30:00	9.78	21.06					9.670673649	107.9487865			-0.11	-1.12	Excellent
8477	09/24/21 14:00:00	9.94	21.02					9.827972414	109.6189277			-0.11	-1.13	Excellent
8478	09/24/21 14:30:00	9.95	21.02					9.836946128	109.7190185			-0.11	-1.14	Excellent
8479	09/24/21 15:00:00	9.92	20.98					9.806376166	109.2925454			-0.11	-1.15	Excellent
8480	09/24/21 15:30:00	9.91	20.92					9.795580797	109.0441425			-0.11	-1.15	Excellent
8481	09/24/21 16:00:00	9.92	20.82					9.804554511	108.9304289			-0.12	-1.16	Excellent
8482	09/24/21 16:30:00	9.96	20.74					9.843174504	109.1880044			-0.12	-1.17	Excellent
8483	09/24/21 17:00:00	9.98	20.70					9.862023578	109.3111987			-0.12	-1.18	Excellent
8484	09/24/21 17:30:00	10.03	20.66					9.910511586	109.7623395			-0.12	-1.19	Excellent
8485	09/24/21 18:00:00	10.13	20.62					10.00839017	110.759237			-0.12	-1.20	Excellent
8486	09/24/21 18:30:00	10.10	20.58					9.97782296	110.3340989			-0.12	-1.21	Excellent
8487	09/24/21 19:00:00	10.06	20.56					9.937383147	109.8436683			-0.12	-1.22	Excellent
8488	09/24/21 19:30:00	10.13	20.52					10.00559984	110.5106238			-0.12	-1.23	Excellent
8489	09/24/21 20:00:00	10.12	20.52					9.994793451	110.3912685			-0.13	-1.24	Excellent
8490	09/24/21 20:30:00	10.17	20.52					10.04324106	110.9263664			-0.13	-1.25	Excellent
8491	09/24/21 21:00:00	10.20	20.46					10.0719306	111.1117737			-0.13	-1.26	Excellent
8492	09/24/21 21:30:00	10.20	20.34					10.07099407	110.8386285			-0.13	-1.26	Excellent
8493	09/24/21 22:00:00	10.33	20.24					10.1984014	112.0191524			-0.13	-1.27	Excellent
8494	09/24/21 22:30:00	10.17	20.14					10.03950593	110.0556986			-0.13	-1.28	Excellent
8495	09/24/21 23:00:00	10.30	20.06					10.16689215	111.2754696			-0.13	-1.29	Excellent
8496	09/24/21 23:30:00	10.27	19.98				8.123	10.13633688	110.7649617		8.194	-0.13	-1.30	Excellent
8497	09/25/21 00:00:00	10.29	19.94	10.20	10.52	10.34104		10.15513178	110.8821588	10.183		-0.13	-1.31	Excellent
8498	09/25/21 00:30:00	10.20	19.90					10.06537485	109.8147267			-0.13	-1.32	Excellent
8499	09/25/21 01:00:00	10.21	19.84					10.07430541	109.7809828			-0.14	-1.33	Excellent
8500	09/25/21 01:30:00	10.25	19.78					10.11283266	110.0691708			-0.14	-1.34	Excellent
8501	09/25/21 02:00:00	10.27	19.70					10.13162206	110.0978676			-0.14	-1.35	Excellent
8502	09/25/21 02:30:00	10.24	19.62					10.10108607	109.5908163			-0.14	-1.36	Excellent
8503	09/25/21 03:00:00	10.29	19.54					10.14946298	109.9396692			-0.14	-1.37	Excellent
8504	09/25/21 03:30:00	10.28	19.50					10.13865567	109.7347141			-0.14	-1.37	Excellent
8505	09/25/21 04:00:00	10.32	19.44					10.17715814	110.0191327			-0.14	-1.38	Excellent
8506	09/25/21 04:30:00	10.31	19.36					10.16634991	109.7261154			-0.14	-1.39	Excellent
8507	09/25/21 05:00:00	10.32	19.32					10.17526303	109.7341709			-0.14	-1.40	Excellent
8508	09/25/21 05:30:00	10.29	19.26					10.14473898	109.273193			-0.15	-1.41	Excellent
8509	09/25/21 06:00:00	10.29	19.20					10.14379418	109.1312656			-0.15	-1.42	Excellent
8510	09/25/21 06:30:00	10.31	19.14					10.16256337	109.2012294			-0.15	-1.43	Excellent
8511	09/25/21 07:00:00	10.29	19.08					10.14190458	108.8475779			-0.15	-1.44	Excellent
8512	09/25/21 07:30:00	10.31	19.02					10.1606701	108.9171021			-0.15	-1.45	Excellent
8513	09/25/21 08:00:00	10.42	18.98					10.26812012	109.980081			-0.15	-1.46	Excellent
8514	09/25/21 08:30:00	10.35	18.94					10.19819012	109.1428622			-0.15	-1.47	Excellent
8515	09/25/21 09:00:00	10.36	18.92					10.20709221	109.1939955			-0.15	-1.48	Excellent
8516	09/25/21 09:30:00	10.31	18.88					10.15688355	108.569038			-0.15	-1.49	Excellent
8517	09/25/21 10:00:00	10.34	18.86					10.18548862	108.8307689			-0.15	-1.49	Excellent
8518	09/25/21 10:30:00	10.30	18.84					10.14514063	108.3557985			-0.15	-1.50	Excellent
8519	09/25/21 11:00:00	10.34	18.82					10.18358984	108.7224383			-0.16	-1.51	Excellent
8520	09/25/21 11:30:00	10.35	18.80					10.19248826	108.7733856			-0.16	-1.52	Excellent
8521	09/25/21 12:00:00	10.38	18.80					10.22107864	109.0784997			-0.16	-1.53	Excellent
8522	09/25/21 12:30:00	10.36	18.80					10.20043362	108.8581778			-0.16	-1.54	Excellent
8523	09/25/21 13:00:00	10.34	18.80					10.17979227	108.637895			-0.16	-1.55	Excellent
8524	09/25/21 13:30:00	10.38	18.80					10.21821945	109.0479867			-0.16	-1.56	Excellent
8525	09/25/21 14:00:00	10.32	18.80					10.15820704	108.4075393			-0.16	-1.57	Excellent
8526	09/25/21 14:30:00	10.30	18.78					10.13757488	108.1435409			-0.16	-1.58	Excellent
8527	09/25/21 15:00:00	10.27	18.78					10.107105	107.8185006			-0.16	-1.59	Excellent
8528	09/25/21 15:30:00	10.20	18.76					10.03727875	107.0302458			-0.16	-1.60	Excellent
8529	09/25/21 16:00:00	10.33	18.74					10.16425638	108.340321			-0.17	-1.60	Excellent
8530	09/25/21 16:30:00	10.32	18.74					10.15346927	108.2253418			-0.17	-1.61	Excellent
8531	09/25/21 17:00:00	10.39	18.72					10.22138572	108.9050947			-0.17	-1.62	Excellent
8532	09/25/21 17:30:00	10.43	18.70					10.25977893	109.2698324			-0.17	-1.63	Excellent
8533	09/25/21 18:00:00	10.40	18.70					10.22931363	108.9453676			-0.17	-1.64	Excellent
8534	09/25/21 18:30:00	10.35	18.68					10.17918393	108.3674948			-0.17	-1.65	Excellent
8535	09/25/21 19:00:00	10.40	18.66					10.22740383	108.8366627			-0.17	-1.66	Excellent
8536	09/25/21 19:30:00	10.39	18.66					10.21661581	108.7218601			-0.17	-1.67	Excellent
8537	09/25/21 20:00:00	10.39	18.68					10.21566183	108.7558381			-0.17	-1.68	Excellent
8538	09/25/21 20:30:00	10.40	18.68					10.22453913	108.8503458			-0.18	-1.69	Excellent
8539	09/25/21 21:00:00	10.44	18.68					10.26290571	109.2587961			-0.18	-1.70	Excellent
8540	09/25/21 21:30:00	10.47	18.68					10.29143549	109.5625238			-0.18	-1.71	Excellent
8541	09/25/21 22:00:00	10.45	18.68					10.2708171	109.3430206			-0.18	-1.71	Excellent
8542	09/25/21 22:30:00	10.42	18.66					10.24037476	108.974695			-0.18	-1.72	Excellent
8543	09/25/21 23:00:00	10.48	18.66					10.29837821	109.5919486			-0.18	-1.73	Excellent
8544	09/25/21 23:30:00	10.52	18.64				8.456	10.33671908	109.9553101		8.478	-0.18	-1.74	Excellent
8545	09/26/21 00:00:00	10.62	18.62	10.34	11.07	10.62042		10.43400176	110.9450741	10.411		-0.19	-1.75	Excellent
8546	09/26/21 00:30:00	10.52	18.60					10.33478724	109.845489			-0.19	-1.76	Excellent
8547	09/26/21 01:00:00	10.55	18.56					10.36329039	110.0589374			-0.19	-1.77	Excellent
8548	09/26/21 01:30:00	10.55	18.54					10.36232172	110.0039078			-0.19	-1.78	Excellent
8549	09/26/21 02:00:00	10.54	18.50					10.35153186	109.7999848			-0.19	-1.79	Excellent
8550	09/26/21 02:30:00	10.53	18.44					10.34074384	109.5516506			-0.19	-1.80	Excellent
8551	09/26/21 03:00:00	10.56	18.40					10.36923506	109.7639939			-0.19	-1.81	Excellent
8552	09/26/21 03:30:00	10.57	18.34					10.3780839	109.7233296			-0.19	-1.82	Excellent
8553	09/26/21 04:00:00	10.56	18.32					10.36729587	109.5645478			-0.19	-1.82	Excellent
8554	09/26/21 04:30:00	10.59	18.26					10.39577607	109.7310146			-0.19	-1.83	Excellent
8555	09/26/21 05:00:00	10.59	18.20					10.39480373	109.586276			-0.20	-1.84	Excellent
8556	09/26/21 05:30:00	10.63	18.14					10.43309042	109.8549721			-0.20	-1.85	Excellent
8557	09/26/21 06:00:00	10.68	18.08					10.48118362	110.2258409			-0.20	-1.86	Excellent
8558	09/26/21 06:30:00	10.67	18.02					10.47039009	109.9769752			-0.20	-1.87	Excellent
8559	09/26/21 07:00:00	10.71	17.96					10.50865842	110.2431142			-0.20	-1.88	Excellent
8560	09/26/21 07:30:00	10.70	17.90					10.49786397	109.9942283			-0.20	-1.89	Excellent
8561	09/26/21 08:00:00	10.70	17.84					10.49688152	109.8483354			-0.20	-1.90	Excellent
8562	09/26/21 08:30:00	10.72	17.80					10.51551758	109.9528175			-0.20	-1.91	Excellent
8563	09/26/21 09:00:00	10.71	17.76					10.50472496	109.7495333			-0.21	-1.92	Excellent
8564	09/26/21 09:30:00	10.72	17.70					10.51354902	109.7059864			-0.21	-1.93	Excellent
8565	09/26/21 10:00:00	10.75	17.68					10.54198423	109.9573391			-0.21	-1.94	Excellent
8566	09/26/21 10:30:00	10.45	17.66					10.24682983	106.8346671			-0.20	-1.94	Excellent
8567	09/26/21 11:00:00	10.35	17.66					10.14782373	105.8024177			-0.20	-1.95	Excellent
8568	09/26/21 11:30:00	10.44	17.64					10.2351071	106.6684114			-0.20	-1.96	Excellent
8569	09/26/21 12:00:00	10.39	17.62					10.18513441	106.1037904			-0.20	-1.97	Excellent
8570	09/26/21 12:30:00	10.42	17.60					10.21358614	106.3562533			-0.21	-1.98	Excellent
8571	09/26/21 13:00:00	10.45	17.60					10.24203237	106.65247			-0.21	-1.99	Excellent
8572	09/26/21 13:30:00	10.40	17.60					10.19207253	106.1322275			-0.21	-2.00	Excellent
8573	09/26/21 14:00:00	10.47	17.62					10.25971169	106.8807004			-0.21	-2.01	Excellent
8574	09/26/21 14:30:00	10.39	17.62					10.1803645	106.0540998			-0.21	-2.02	Excellent
8575	09/26/21 15:00:00	10.46	17.64					10.24799172	106.8026925			-0.21	-2.03	Excellent

8576	09/26/21 15:30:00	10.34	17.66					10.12947455	105.611107			-0.21	-2.04	Excellent
8577	09/26/21 16:00:00	10.35	17.68					10.13832064	105.7469577			-0.21	-2.05	Excellent
8578	09/26/21 16:30:00	10.43	17.68					10.21572681	106.5543368			-0.21	-2.05	Excellent
8579	09/26/21 17:00:00	10.41	17.70					10.19518187	106.383913			-0.21	-2.06	Excellent
8580	09/26/21 17:30:00	10.39	17.70					10.17464061	106.1695705			-0.22	-2.07	Excellent
8581	09/26/21 18:00:00	10.72	17.70					10.49681623	109.5313844			-0.22	-2.08	Excellent
8582	09/26/21 18:30:00	10.78	17.72					10.55457728	110.1795236			-0.23	-2.09	Excellent
8583	09/26/21 19:00:00	10.83	17.72					10.60253733	110.68018			-0.23	-2.10	Excellent
8584	09/26/21 19:30:00	10.89	17.74					10.66027726	111.328806			-0.23	-2.11	Excellent
8585	09/26/21 20:00:00	10.81	17.76					10.5809723	110.5461377			-0.23	-2.12	Excellent
8586	09/26/21 20:30:00	10.95	17.76					10.71700077	111.9673135			-0.23	-2.13	Excellent
8587	09/26/21 21:00:00	10.86	17.78					10.6279187	111.0823619			-0.23	-2.14	Excellent
8588	09/26/21 21:30:00	10.90	17.80					10.66606308	111.526958			-0.23	-2.15	Excellent
8589	09/26/21 22:00:00	11.07	17.82					10.8313981	113.3023702			-0.24	-2.16	Excellent
8590	09/26/21 22:30:00	10.92	17.84					10.68362855	111.8026158			-0.24	-2.16	Excellent
8591	09/26/21 23:00:00	10.90	17.84					10.66306065	111.5873758			-0.24	-2.17	Excellent
8592	09/26/21 23:30:00	10.84	17.86				8.855	10.60336961	111.0083723		8.819	-0.24	-2.18	Excellent
8593	09/27/21 00:00:00	10.85	17.84	10.27	10.93	10.64333		10.6121551	111.0546566	10.387		-0.24	-2.19	Excellent
8594	09/27/21 00:30:00	10.93	17.86					10.68939784	111.9090156			-0.24	-2.20	Excellent
8595	09/27/21 01:00:00	10.79	17.88					10.55148895	110.5106602			-0.24	-2.21	Excellent
8596	09/27/21 01:30:00	10.88	17.88					10.63850054	111.4219731			-0.24	-2.22	Excellent
8597	09/27/21 02:00:00	10.83	17.88					10.58861599	110.899509			-0.24	-2.23	Excellent
8598	09/27/21 02:30:00	10.68	17.86					10.44097865	109.3082754			-0.24	-2.24	Excellent
8599	09/27/21 03:00:00	10.52	17.88					10.28359358	107.7048671			-0.24	-2.25	Excellent
8600	09/27/21 03:30:00	10.68	17.88					10.43901743	109.3326936			-0.24	-2.26	Excellent
8601	09/27/21 04:00:00	10.69	17.88					10.44781027	109.4247851			-0.24	-2.27	Excellent
8602	09/27/21 04:30:00	10.72	17.88					10.47614632	109.7215617			-0.24	-2.27	Excellent
8603	09/27/21 05:00:00	10.76	17.88					10.51424846	110.1206232			-0.25	-2.28	Excellent
8604	09/27/21 05:30:00	10.72	17.88					10.47417775	109.700944			-0.25	-2.29	Excellent
8605	09/27/21 06:00:00	10.56	17.88					10.31687715	108.0534615			-0.24	-2.30	Excellent
8606	09/27/21 06:30:00	10.77	17.84					10.52105345	110.1012911			-0.25	-2.31	Excellent
8607	09/27/21 07:00:00	10.79	17.84					10.53960044	110.2953827			-0.25	-2.32	Excellent
8608	09/27/21 07:30:00	10.74	17.82					10.48977466	109.7288014			-0.25	-2.33	Excellent
8609	09/27/21 08:00:00	10.74	17.80					10.48878854	109.6733321			-0.25	-2.34	Excellent
8610	09/27/21 08:30:00	10.81	17.76					10.55615867	110.286894			-0.25	-2.35	Excellent
8611	09/27/21 09:00:00	10.76	17.72					10.50634482	109.6760238			-0.25	-2.36	Excellent
8612	09/27/21 09:30:00	10.79	17.70					10.5346469	109.926137			-0.26	-2.37	Excellent
8613	09/27/21 10:00:00	10.79	17.68					10.53365619	109.8704742			-0.26	-2.38	Excellent
8614	09/27/21 10:30:00	10.75	17.68					10.49361946	109.4528742			-0.26	-2.38	Excellent
8615	09/27/21 11:00:00	10.73	17.68					10.47311124	109.2389649			-0.26	-2.39	Excellent
8616	09/27/21 11:30:00	10.66	17.68					10.40380835	108.5161065			-0.26	-2.40	Excellent
8617	09/27/21 12:00:00	10.71	17.70					10.45162334	109.059809			-0.26	-2.41	Excellent
8618	09/27/21 12:30:00	10.70	17.70					10.44088214	108.9477276			-0.26	-2.42	Excellent
8619	09/27/21 13:00:00	10.66	17.72					10.40087203	108.5749904			-0.26	-2.43	Excellent
8620	09/27/21 13:30:00	10.62	17.76					10.36086927	108.2465815			-0.26	-2.44	Excellent
8621	09/27/21 14:00:00	10.60	17.76					10.34038401	108.032559			-0.26	-2.45	Excellent
8622	09/27/21 14:30:00	10.62	17.78					10.35891907	108.2707941			-0.26	-2.46	Excellent
8623	09/27/21 15:00:00	10.70	17.80					10.43596992	109.1210477			-0.26	-2.47	Excellent
8624	09/27/21 15:30:00	10.62	17.84					10.35696887	108.38417			-0.26	-2.48	Excellent
8625	09/27/21 16:00:00	10.55	17.84					10.28773393	107.6596363			-0.26	-2.49	Excellent
8626	09/27/21 16:30:00	10.62	17.86					10.35501867	108.4083466			-0.26	-2.50	Excellent
8627	09/27/21 17:00:00	10.56	17.88					10.29554615	107.830052			-0.26	-2.50	Excellent
8628	09/27/21 17:30:00	10.56	17.90					10.29457656	107.8642292			-0.27	-2.51	Excellent
8629	09/27/21 18:00:00	10.60	17.90					10.33259791	108.2626082			-0.27	-2.52	Excellent
8630	09/27/21 18:30:00	10.61	17.92					10.34137146	108.3990727			-0.27	-2.53	Excellent
8631	09/27/21 19:00:00	10.59	17.92					10.32090548	108.1845467			-0.27	-2.54	Excellent
8632	09/27/21 19:30:00	10.55	17.92					10.28095322	107.7657639			-0.27	-2.55	Excellent
8633	09/27/21 20:00:00	10.40	17.94					10.13382363	106.2671869			-0.27	-2.56	Excellent
8634	09/27/21 20:30:00	10.31	17.94					10.04518044	105.3376402			-0.26	-2.57	Excellent
8635	09/27/21 21:00:00	10.37	17.94					10.10268715	105.9406778			-0.27	-2.58	Excellent
8636	09/27/21 21:30:00	10.27	17.94					10.00432194	104.9091822			-0.27	-2.59	Excellent
8637	09/27/21 22:00:00	10.38	17.94					10.11052325	106.0228501			-0.27	-2.60	Excellent
8638	09/27/21 22:30:00	10.45	17.94					10.17774648	106.7277788			-0.27	-2.61	Excellent
8639	09/27/21 23:00:00	10.45	17.92					10.17678699	106.6738853			-0.27	-2.61	Excellent
8640	09/27/21 23:30:00	10.44	17.90				9.262	10.16608986	106.5179748		9.161	-0.27	-2.62	Excellent
8641	09/28/21 00:00:00	10.44	17.90	10.07	10.44	10.17271		10.16513129	106.5079311	9.883		-0.27	-2.63	Excellent
8642	09/28/21 00:30:00	10.18	17.88					9.911041979	103.8029607			-0.27	-2.64	Excellent
8643	09/28/21 01:00:00	10.27	17.88					9.997721194	104.7107925			-0.27	-2.65	Excellent
8644	09/28/21 01:30:00	10.28	17.88					10.00651219	104.8028647			-0.27	-2.66	Excellent
8645	09/28/21 02:00:00	10.25	17.88					9.97636918	104.4871629			-0.27	-2.67	Excellent
8646	09/28/21 02:30:00	10.21	17.88					9.936499553	104.0695897			-0.27	-2.68	Excellent
8647	09/28/21 03:00:00	10.21	17.88					9.935562098	104.0597713			-0.27	-2.69	Excellent
8648	09/28/21 03:30:00	10.21	17.88					9.934624643	104.0499529			-0.28	-2.70	Excellent
8649	09/28/21 04:00:00	10.32	17.88					10.04071026	105.161037			-0.28	-2.71	Excellent
8650	09/28/21 04:30:00	10.24	17.90					9.96193509	104.3788876			-0.28	-2.72	Excellent
8651	09/28/21 05:00:00	10.17	17.90					9.892902142	103.6555761			-0.28	-2.72	Excellent
8652	09/28/21 05:30:00	10.11	17.90					9.833608665	103.0343125			-0.28	-2.73	Excellent
8653	09/28/21 06:00:00	10.10	17.92					9.822954694	102.9649872			-0.28	-2.74	Excellent
8654	09/28/21 06:30:00	10.15	17.94					9.870651237	103.5074596			-0.28	-2.75	Excellent
8655	09/28/21 07:00:00	10.15	17.96					9.869719291	103.5401997			-0.28	-2.76	Excellent
8656	09/28/21 07:30:00	10.20	17.98					9.917402062	104.0831467			-0.28	-2.77	Excellent
8657	09/28/21 08:00:00	10.15	18.02					9.8678554	103.6481812			-0.28	-2.78	Excellent
8658	09/28/21 08:30:00	10.16	18.04					9.876644561	103.7830556			-0.28	-2.79	Excellent
8659	09/28/21 09:00:00	10.17	18.04					9.885431886	103.8753921			-0.28	-2.80	Excellent
8660	09/28/21 09:30:00	10.17	18.06					9.884498104	103.9081737			-0.29	-2.81	Excellent
8661	09/28/21 10:00:00	10.19	18.06					9.903001026	104.1026808			-0.29	-2.82	Excellent
8662	09/28/21 10:30:00	10.11	18.08					9.824325935	103.3179674			-0.29	-2.83	Excellent
8663	09/28/21 11:00:00	10.15	18.08					9.862263725	103.7169419			-0.29	-2.83	Excellent
8664	09/28/21 11:30:00	10.13	18.08					9.841900584	103.502792			-0.29	-2.84	Excellent
8665	09/28/21 12:00:00	10.16	18.10					9.870114514	103.8420436			-0.29	-2.85	Excellent
8666	09/28/21 12:30:00	10.17	18.12					9.878895411	103.977006			-0.29	-2.86	Excellent
8667	09/28/21 13:00:00	10.13	18.12					9.839110256	103.5582606			-0.29	-2.87	Excellent
8668	09/28/21 13:30:00	10.14	18.12					9.847892072	103.6506907			-0.29	-2.88	Excellent
8669	09/28/21 14:00:00	10.16	18.14					9.866383058	103.8878407			-0.29	-2.89	Excellent
8670	09/28/21 14:30:00	10.13	18.14					9.836319928	103.5712917			-0.29	-2.90	Excellent
8671	09/28/21 15:00:00	10.18	18.14					9.883935671	104.0726605			-0.30	-2.91	Excellent
8672	09/28/21 15:30:00	10.12	18.14					9.824751456	103.4494817			-0.30	-2.92	Excellent
8673	09/28/21 16:00:00	10.10	18.16					9.804407597	103.2775371			-0.30	-2.93	Excellent
8674	09/28/21 16:30:00	10.18	18.16					9.88113157	104.085731			-0.30	-2.94	Excellent
8675	09/28/21 17:00:00	10.12	18.18					9.821963883	103.5048159			-0.30	-2.95	Excellent
8676	09/28/21 17:30:00	10.14	18.16					9.840443851	103.6571353			-0.30	-2.95	Excellent
8677	09/28/21 18:00:00	10.07	18.16					9.771587192	102.9318139			-0.30	-2.96	Excellent
8678	09/28/21 18:30:00	10.10	18.16					9.799770822	103.2286943			-0.30	-2.97	Excellent
8679	09/28/21 19:00:00	10.13	18.14					9.827948943	103.4831496			-0.30	-2.98	Excellent
8680	09/28/21 19:30:00	10.15	18.12					9.846420648	103.6352037			-0.30	-2.99	Excellent
8681	09/28/21 20:00:00	10.11	18.12					9.806688746	103.2170189			-0.30	-3.00	Excellent
8682	09/28/21 20:30:00	10.17	18.12					9.863954898	103.8197546			-0.31	-3.01	Good
8683	09/28/21 21:00:00	10.14	18.12					9.833926658	103.5037024			-0.31	-3.02	Good
8684	09/28/21 21:30:00	10.18	18.10					9.871784568	103.859614			-0.31	-3.03	Good
8685	09/28/21 22:00:00	10.20	18.08					9.8902425	104.011182			-0.31	-3.04	Good
8686	09/28/21 22:30:00	10.16	18.08					9.850524371	103.5934845			-0.31	-3.05	Good
8687	09/28/21 23:00:00	10.21	18.08					9.898063906	104.0934361			-0.31	-3.06	Good
8688	09/28/21 23:30:00	10.22	18.06				9.624	9.906820013	104.1428268		9.468	-0.31	-3.06	Good
8689	09/29/21 00:00:00	10.18	18.06	10.11	10.45	10.20146		9.867111066	103.725397	9.866		-0.31	-3.07	Good
8690	09/29/21 00:30:00	10.19	18.04					9.875868091	103.7748965			-0.31	-3.08	Good
8691	09/29/21 01:00:00	10.22	18.02					9.904004894	104.0278817			-0.32	-3.09	Good

8692	09/29/21 01:30:00	10.17	18.02					9.854617077	103.5091309			-0.32	-3.10	Good
8693	09/29/21 02:00:00	10.21	18.00					9.892439178	103.8637788			-0.32	-3.11	Good
8694	09/29/21 02:30:00	10.13	17.96					9.813997302	102.9556374			-0.32	-3.12	Good
8695	09/29/21 03:00:00	10.24	17.94					9.919625671	104.0210244			-0.32	-3.13	Good
8696	09/29/21 03:30:00	10.12	17.92					9.802450867	102.7500645			-0.32	-3.14	Good
8697	09/29/21 04:00:00	10.11	17.90					9.791836378	102.596632			-0.32	-3.15	Good
8698	09/29/21 04:30:00	10.13	17.88					9.810276864	102.7476007			-0.32	-3.16	Good
8699	09/29/21 05:00:00	10.12	17.88					9.799663293	102.6364398			-0.32	-3.17	Good
8700	09/29/21 05:30:00	10.15	17.86					9.827781733	102.8886188			-0.32	-3.17	Good
8701	09/29/21 06:00:00	10.16	17.86					9.836531412	102.9802206			-0.32	-3.18	Good
8702	09/29/21 06:30:00	10.19	17.86					9.86464067	103.2745009			-0.33	-3.19	Good
8703	09/29/21 07:00:00	10.33	17.84					9.999222099	104.6404021			-0.33	-3.20	Good
8704	09/29/21 07:30:00	10.27	17.84					9.9402004	104.0227486			-0.33	-3.21	Good
8705	09/29/21 08:00:00	10.14	17.82					9.813444051	102.6540119			-0.33	-3.22	Good
8706	09/29/21 08:30:00	10.19	17.82					9.860898196	103.1504084			-0.33	-3.23	Good
8707	09/29/21 09:00:00	10.20	17.82					9.869638694	103.2418388			-0.33	-3.24	Good
8708	09/29/21 09:30:00	10.12	17.84					9.791300572	102.4645336			-0.33	-3.25	Good
8709	09/29/21 10:00:00	10.11	17.84					9.780697101	102.3535698			-0.33	-3.26	Good
8710	09/29/21 10:30:00	10.16	17.84					9.828135637	102.8500072			-0.33	-3.27	Good
8711	09/29/21 11:00:00	10.15	17.86					9.81753033	102.7812952			-0.33	-3.28	Good
8712	09/29/21 11:30:00	10.16	17.90					9.826269909	102.9574187			-0.33	-3.28	Good
8713	09/29/21 12:00:00	10.19	17.92					9.854348867	103.2940634			-0.34	-3.29	Good
8714	09/29/21 12:30:00	10.22	17.94					9.882422316	103.6308957			-0.34	-3.30	Good
8715	09/29/21 13:00:00	10.26	17.98					9.920159027	104.112081			-0.34	-3.31	Good
8716	09/29/21 13:30:00	10.25	18.02					9.909549129	104.0861162			-0.34	-3.32	Good
8717	09/29/21 14:00:00	10.25	18.06					9.908608001	104.1616226			-0.34	-3.33	Good
8718	09/29/21 14:30:00	10.20	18.08					9.859336792	103.6861607			-0.34	-3.34	Good
8719	09/29/21 15:00:00	10.20	18.10					9.858400255	103.7187996			-0.34	-3.35	Good
8720	09/29/21 15:30:00	10.14	18.12					9.799478638	103.1411313			-0.34	-3.36	Good
8721	09/29/21 16:00:00	10.21	18.14					9.866190444	103.8858125			-0.34	-3.37	Good
8722	09/29/21 16:30:00	10.28	18.14					9.932889395	104.5881175			-0.35	-3.38	Good
8723	09/29/21 17:00:00	10.23	18.16					9.883638385	104.1121373			-0.35	-3.39	Good
8724	09/29/21 17:30:00	10.25	18.16					9.902020109	104.3057665			-0.35	-3.39	Good
8725	09/29/21 18:00:00	10.24	18.16					9.891419392	104.1941008			-0.35	-3.40	Good
8726	09/29/21 18:30:00	10.25	18.16					9.900137854	104.2859392			-0.35	-3.41	Good
8727	09/29/21 19:00:00	10.17	18.18					9.821934703	103.5045084			-0.35	-3.42	Good
8728	09/29/21 19:30:00	10.18	18.18					9.830657756	103.5964328			-0.35	-3.43	Good
8729	09/29/21 20:00:00	10.18	18.16					9.829723056	103.5442047			-0.35	-3.44	Good
8730	09/29/21 20:30:00	10.15	18.16					9.79982336	103.2292477			-0.35	-3.45	Good
8731	09/29/21 21:00:00	10.15	18.16					9.798891415	103.2194308			-0.35	-3.46	Good
8732	09/29/21 21:30:00	10.34	18.16					9.981369548	105.1416165			-0.36	-3.47	Good
8733	09/29/21 22:00:00	10.21	18.16					9.854940986	103.809845			-0.36	-3.48	Good
8734	09/29/21 22:30:00	10.30	18.16					9.940865463	104.7149551			-0.36	-3.49	Good
8735	09/29/21 23:00:00	10.22	18.16					9.862716484	103.8917505			-0.36	-3.50	Good
8736	09/29/21 23:30:00	10.45	18.16				9.995	10.08371637	106.219716		9.794	-0.37	-3.51	Good
8737	09/30/21 00:00:00	10.49	18.18	8.93	10.80	9.87917		10.12135116	106.6597883	9.512		-0.37	-3.51	Good
8738	09/30/21 00:30:00	10.56	18.18					10.18792157	107.3613137			-0.37	-3.52	Good
8739	09/30/21 01:00:00	10.59	18.16					10.21589218	107.6120279			-0.37	-3.53	Good
8740	09/30/21 01:30:00	10.66	18.16					10.28244055	108.3130342			-0.38	-3.54	Good
8741	09/30/21 02:00:00	10.74	18.14					10.35862097	109.0708478			-0.38	-3.55	Good
8742	09/30/21 02:30:00	10.69	18.10					10.30941495	108.4638598			-0.38	-3.56	Good
8743	09/30/21 03:00:00	10.73	18.08					10.34700567	108.8147525			-0.38	-3.57	Good
8744	09/30/21 03:30:00	10.72	18.04					10.33637833	108.6139042			-0.38	-3.58	Good
8745	09/30/21 04:00:00	10.75	18.02					10.36431772	108.8628316			-0.39	-3.59	Good
8746	09/30/21 04:30:00	10.70	18.00					10.31512915	108.3017315			-0.38	-3.60	Good
8747	09/30/21 05:00:00	10.68	17.96					10.29486792	108.0003037			-0.39	-3.61	Good
8748	09/30/21 05:30:00	10.67	17.94					10.28424884	107.8446037			-0.39	-3.62	Good
8749	09/30/21 06:00:00	10.64	17.90					10.25435649	107.4428125			-0.39	-3.62	Good
8750	09/30/21 06:30:00	10.69	17.86					10.30156273	107.8487078			-0.39	-3.63	Good
8751	09/30/21 07:00:00	10.80	17.82					10.40657409	108.8584777			-0.39	-3.64	Good
8752	09/30/21 07:30:00	10.78	17.80					10.38631286	108.6018215			-0.39	-3.65	Good
8753	09/30/21 08:00:00	10.73	17.76					10.33715367	107.9988096			-0.39	-3.66	Good
8754	09/30/21 08:30:00	10.70	17.74					10.30726958	107.6422299			-0.39	-3.67	Good
8755	09/30/21 09:00:00	10.72	17.74					10.32555123	107.8331512			-0.39	-3.68	Good
8756	09/30/21 09:30:00	10.69	17.74					10.29567357	107.5211289			-0.39	-3.69	Good
8757	09/30/21 10:00:00	10.66	17.74					10.26580142	107.2091641			-0.39	-3.70	Good
8758	09/30/21 10:30:00	10.68	17.74					10.28408122	107.4000662			-0.40	-3.71	Good
8759	09/30/21 11:00:00	10.66	17.76					10.26384387	107.2328956			-0.40	-3.72	Good
8760	09/30/21 11:30:00	10.48	17.78					10.08957094	105.4555838			-0.39	-3.73	Good
8761	09/30/21 12:00:00	9.74	17.86					9.376245106	98.16140961			-0.36	-3.73	Good
8762	09/30/21 12:30:00	9.24	17.92					8.894069964	93.22834408			-0.35	-3.74	Good
8763	09/30/21 13:00:00	9.06	17.94					8.719976996	91.44104525			-0.34	-3.75	Good
8764	09/30/21 13:30:00	9.00	17.94					8.661402448	90.82680992			-0.34	-3.76	Good
8765	09/30/21 14:00:00	8.98	17.92					8.641330367	90.57910766			-0.34	-3.77	Good
8766	09/30/21 14:30:00	8.99	17.98					8.650127792	90.78310168			-0.34	-3.78	Good
8767	09/30/21 15:00:00	9.00	17.98					8.65892338	90.87541139			-0.34	-3.79	Good
8768	09/30/21 15:30:00	8.96	18.00					8.619616593	90.50002076			-0.34	-3.80	Good
8769	09/30/21 16:00:00	8.97	18.00					8.6284131	90.592378			-0.34	-3.81	Good
8770	09/30/21 16:30:00	8.97	18.00					8.627589498	90.58373075			-0.34	-3.82	Good
8771	09/30/21 17:00:00	8.97	18.02					8.626765897	90.61225144			-0.34	-3.83	Good
8772	09/30/21 17:30:00	8.98	18.02					8.635558731	90.70460801			-0.34	-3.84	Good
8773	09/30/21 18:00:00	8.98	18.04					8.634734211	90.73315283			-0.35	-3.84	Good
8774	09/30/21 18:30:00	8.95	18.04					8.605065896	90.42140035			-0.34	-3.85	Good
8775	09/30/21 19:00:00	8.94	18.04					8.59463045	90.31174545			-0.35	-3.86	Good
8776	09/30/21 19:30:00	8.97	18.06					8.62264789	90.64330684			-0.35	-3.87	Good
8777	09/30/21 20:00:00	9.41	18.04					9.044745436	95.04152066			-0.37	-3.88	Good
8778	09/30/21 20:30:00	9.57	18.02					9.197656252	96.60866551			-0.37	-3.89	Good
8779	09/30/21 21:00:00	9.26	18.06					8.898867316	93.54699053			-0.36	-3.90	Good
8780	09/30/21 21:30:00	9.10	18.06					8.744271652	91.92184448			-0.36	-3.91	Good
8781	09/30/21 22:00:00	9.08	18.10					8.724219771	91.78625119			-0.36	-3.92	Good
8782	09/30/21 22:30:00	9.00	18.10					8.646528043	90.96886778			-0.35	-3.93	Good
8783	09/30/21 23:00:00	8.94	18.10					8.588063676	90.35377265			-0.35	-3.94	Good
8784	09/30/21 23:30:00	8.93	18.12				10.225	8.577637412	90.28105058		9.979	-0.35	-3.95	Good

Appendix E. Temperature and Dissolved Oxygen values from the Holtwood Tailrace Data Logger, April 1 through September 30, 2021.

Appendix E.

Temperature and Dissolved Oxygen values from the Holtwood Tailrace Data Logger, April 1 through September 30, 2021.

Plot Title: HOLT-TAILRACE		RAW DATA VALUES						ADJUSTED DO VALUES AFTER FIELD CALIBRATION CHECKS						
#	Date Time, GMT-04:00	DO conc, mg/L (LGR S/N: 20568280, SEN S/N: 20568280)	Temp, °C (LGR S/N: 20568280, SEN S/N: 20568280)	Min: Dissolved Oxygen, mg/L (LGR S/N: 20568280)	Max: Dissolved Oxygen, mg/L (LGR S/N: 20568280)	Avg: Dissolved Oxygen, mg/L (LGR S/N: 20568280)	Calculated Rolling 7-Day Raw Data DO Average	DO Adj Conc, mg/L (LGR S/N: 20568280)	DO Percent Sat, % (LGR S/N: 20568280)	Calculated DO Adj. Daily Average	Calculated Rolling 7-Day Adj. DO Average	Correction Diff = DO Adj Conc. - Raw DO Conc.	Correction difference Percentage	DO Adj Conc. Accuracy Rating
1	04/01/21 00:00:00	11.07	11.78	10.96	11.09	11.01854		10.69273946	98.98693311	10.635		-0.38	-3.41	Good
2	04/01/21 00:30:00	11.05	11.78					10.67306367	98.80478652			-0.38	-3.41	Good
3	04/01/21 01:00:00	11.04	11.76					10.66304774	98.6669824			-0.38	-3.41	Good
4	04/01/21 01:30:00	11.03	11.74					10.65303244	98.52927357			-0.38	-3.42	Good
5	04/01/21 02:00:00	11.03	11.74					10.65267571	98.52597416			-0.38	-3.42	Good
6	04/01/21 02:30:00	11.02	11.70					10.64266139	98.34338254			-0.38	-3.42	Good
7	04/01/21 03:00:00	11.00	11.68					10.62299045	98.11671867			-0.38	-3.43	Good
8	04/01/21 03:30:00	11.00	11.64					10.62263469	98.02366			-0.38	-3.43	Good
9	04/01/21 04:00:00	11.00	11.62					10.62227892	97.97549915			-0.38	-3.43	Good
10	04/01/21 04:30:00	11.00	11.58					10.62192316	97.88247878			-0.38	-3.44	Good
11	04/01/21 05:00:00	10.99	11.56					10.61191142	97.74539904			-0.38	-3.44	Good
12	04/01/21 05:30:00	10.98	11.54					10.60190034	97.60841446			-0.38	-3.44	Good
13	04/01/21 06:00:00	10.98	11.52					10.60154522	97.56037783			-0.38	-3.45	Good
14	04/01/21 06:30:00	10.98	11.52					10.6011901	97.55710987			-0.38	-3.45	Good
15	04/01/21 07:00:00	10.97	11.50					10.59118031	97.42027629			-0.38	-3.45	Good
16	04/01/21 07:30:00	10.97	11.50					10.59082551	97.41701281			-0.38	-3.46	Good
17	04/01/21 08:00:00	10.96	11.48					10.58081669	97.28027882			-0.38	-3.46	Good
18	04/01/21 08:30:00	10.98	11.46					10.59976963	97.40978687			-0.38	-3.46	Good
19	04/01/21 09:00:00	10.97	11.44					10.58976113	97.27311188			-0.38	-3.47	Good
20	04/01/21 09:30:00	10.98	11.44					10.5990594	97.35852186			-0.38	-3.47	Good
21	04/01/21 10:00:00	10.98	11.44					10.59870428	97.3552599			-0.38	-3.47	Good
22	04/01/21 10:30:00	10.98	11.44					10.59834917	97.35199795			-0.38	-3.48	Good
23	04/01/21 11:00:00	10.98	11.42					10.59799405	97.30400705			-0.38	-3.48	Good
24	04/01/21 11:30:00	10.99	11.42					10.6072907	97.38936293			-0.38	-3.48	Good
25	04/01/21 12:00:00	11.00	11.44					10.6165867	97.5195203			-0.38	-3.49	Good
26	04/01/21 12:30:00	11.00	11.44					10.61623094	97.5162524			-0.38	-3.49	Good
27	04/01/21 13:00:00	11.00	11.44					10.61587517	97.5129845			-0.38	-3.49	Good
28	04/01/21 13:30:00	11.00	11.46					10.61551941	97.55452418			-0.38	-3.50	Good
29	04/01/21 14:00:00	11.01	11.46					10.62481379	97.63993774			-0.39	-3.50	Good
30	04/01/21 14:30:00	11.01	11.48					10.62445771	97.68151533			-0.39	-3.50	Good
31	04/01/21 15:00:00	11.00	11.48					10.61445212	97.58952371			-0.39	-3.50	Good
32	04/01/21 15:30:00	11.02	11.48					10.63339471	97.76368236			-0.39	-3.51	Good
33	04/01/21 16:00:00	11.03	11.46					10.64268715	97.80419039			-0.39	-3.51	Good
34	04/01/21 16:30:00	11.03	11.42					10.64233042	97.71107526			-0.39	-3.51	Good
35	04/01/21 17:00:00	11.02	11.42					10.63232548	97.61921628			-0.39	-3.52	Good
36	04/01/21 17:30:00	11.00	11.42					10.6126733	97.43878252			-0.39	-3.52	Good
37	04/01/21 18:00:00	11.01	11.40					10.62196509	97.47926842			-0.39	-3.52	Good
38	04/01/21 18:30:00	11.04	11.38					10.65055072	97.69666135			-0.39	-3.53	Good
39	04/01/21 19:00:00	11.08	11.36					10.68878132	98.00224963			-0.39	-3.53	Good
40	04/01/21 19:30:00	11.07	11.32					10.67877638	97.82041984			-0.39	-3.53	Good
41	04/01/21 20:00:00	11.07	11.30					10.67841835	97.77210007			-0.39	-3.54	Good
42	04/01/21 20:30:00	11.07	11.30					10.67806032	97.76882195			-0.39	-3.54	Good
43	04/01/21 21:00:00	11.08	11.32					10.68734792	97.8989374			-0.39	-3.54	Good
44	04/01/21 21:30:00	11.08	11.32					10.68698957	97.8956548			-0.39	-3.55	Good
45	04/01/21 22:00:00	11.07	11.32					10.67698624	97.80402169			-0.39	-3.55	Good
46	04/01/21 22:30:00	11.09	11.28					10.69591751	97.887214			-0.39	-3.55	Good
47	04/01/21 23:00:00	11.09	11.24					10.69555884	97.79373024			-0.39	-3.56	Good
48	04/01/21 23:30:00	11.09	11.20				N/A	10.69520016	97.7002715		N/A	-0.39	-3.56	Good
49	04/02/21 00:00:00	11.08	11.16	11.05	11.62	11.27708		10.68519781	97.51882442	10.867		-0.39	-3.56	Good
50	04/02/21 00:30:00	11.09	11.10					10.69448281	97.46836873			-0.40	-3.57	Good
51	04/02/21 01:00:00	11.07	11.06					10.67483807	97.19938761			-0.40	-3.57	Good
52	04/02/21 01:30:00	11.06	11.00					10.66483733	96.97357677			-0.40	-3.57	Good
53	04/02/21 02:00:00	11.06	10.94					10.66447963	96.83562228			-0.40	-3.58	Good
54	04/02/21 02:30:00	11.07	10.88					10.67376399	96.78515006			-0.40	-3.58	Good
55	04/02/21 03:00:00	11.06	10.84					10.66376422	96.60473388			-0.40	-3.58	Good
56	04/02/21 03:30:00	11.06	10.76					10.66340652	96.42207208			-0.40	-3.59	Good
57	04/02/21 04:00:00	11.05	10.70					10.65340772	96.19727045			-0.40	-3.59	Good
58	04/02/21 04:30:00	11.05	10.62					10.65305034	96.01493156			-0.40	-3.59	Good
59	04/02/21 05:00:00	11.06	10.54					10.6623334	95.91940873			-0.40	-3.60	Good
60	04/02/21 05:30:00	11.07	10.48					10.67161582	95.86845583			-0.40	-3.60	Good
61	04/02/21 06:00:00	11.06	10.42					10.661618	95.64435186			-0.40	-3.60	Good
62	04/02/21 06:30:00	11.07	10.34					10.67089977	95.5484792			-0.40	-3.61	Good
63	04/02/21 07:00:00	11.09	10.28					10.68982004	95.58335321			-0.40	-3.61	Good
64	04/02/21 07:30:00	11.09	10.22					10.68946137	95.44565476			-0.40	-3.61	Good
65	04/02/21 08:00:00	11.12	10.18					10.71801821	95.61076176			-0.40	-3.61	Good
66	04/02/21 08:30:00	11.13	10.14					10.72729675	95.60359808			-0.40	-3.62	Good
67	04/02/21 09:00:00	11.14	10.10					10.73657464	95.59629307			-0.40	-3.62	Good
68	04/02/21 09:30:00	11.16	10.04					10.75548942	95.62951939			-0.40	-3.62	Good
69	04/02/21 10:00:00	11.18	9.98					10.7744029	95.66230408			-0.41	-3.63	Good
70	04/02/21 10:30:00	11.21	9.94					10.80295198	95.82531498			-0.41	-3.63	Good
71	04/02/21 11:00:00	11.23	9.88					10.82186256	95.85715766			-0.41	-3.63	Good
72	04/02/21 11:30:00	11.26	9.86					10.85040808	96.06459711			-0.41	-3.64	Good
73	04/02/21 12:00:00	11.30	9.82					10.88858758	96.31149866			-0.41	-3.64	Good
74	04/02/21 12:30:00	11.31	9.82					10.89785771	96.3934946			-0.41	-3.64	Good
75	04/02/21 13:00:00	11.33	9.80					10.91676246	96.51503912			-0.41	-3.65	Good
76	04/02/21 13:30:00	11.34	9.84					10.92603097	96.68840746			-0.41	-3.65	Good
77	04/02/21 14:00:00	11.35	9.88					10.93529884	96.86194581			-0.41	-3.65	Good
78	04/02/21 14:30:00	11.36	9.92					10.94456605	97.03565418			-0.42	-3.66	Good
79	04/02/21 15:00:00	11.37	9.96					10.95383262	97.20953257			-0.42	-3.66	Good
80	04/02/21 15:30:00	11.37	9.98					10.95346489	97.25213534			-0.42	-3.66	Good
81	04/02/21 16:00:00	11.38	10.00					10.96273049	97.38031161			-0.42	-3.67	Good
82	04/02/21 16:30:00	11.40	10.00					10.98162845	97.5481794			-0.42	-3.67	Good
83	04/02/21 17:00:00	11.42	9.98					11.00052512	97.6699673			-0.42	-3.67	Good
84	04/02/21 17:30:00	11.43	9.96					11.00978813	97.70610845			-0.42	-3.68	Good
85	04/02/21 18:00:00	11.45	9.94					11.02868254	97.82761043			-0.42	-3.68	Good
86	04/02/21 18:30:00	11.47	9.92					11.04757565	97.9489479			-0.42	-3.68	Good
87	04/02/21 19:00:00	11.49	9.90					11.06646746	98.07012092			-0.42	-3.69	Good
88	04/02/21 19:30:00	11.50	9.88					11.07572692	98.10582013			-0.42	-3.69	Good
89	04/02/21 20:00:00	11.51	9.86					11.08498573	98.14144132			-0.43	-3.69	Good
90	04/02/21 20:30:00	11.52	9.84					11.09424389	98.17698452			-0.43	-3.70	Good
91	04/02/21 21:00:00	11.54	9.82					11.1131315	98.29762968			-0.43	-3.70	Good
92	04/02/21 21:30:00	11.55	9.80					11.12238804	98.33297383			-0.43	-3.70	Good
93	04/02/21 22:00:00	11.57	9.76					11.14127339	98.4067336			-0.43	-3.71	Good
94	04/02/21 22:30:00	11.59	9.74					11.16015745	98.52685563			-0.43	-3.71	Good
95	04/02/21 23:00:00	11.61	9.70					11.17904021	98.60007141			-0.43	-3.71	Good
96	04/02/21 23:30:00	11.62	9.64				N/A	11.18829319	98.54137283		N/A	-0.43	-3.72	Good
97	04/03/21 00:00:00	11.64	9.58	11.64	12.34	11.94167		11.20717369	98.56716415	11.488		-0.43	-3.72	Good
98	04/03/21 00:30:00	11.64	9.56					11.20679723	98.51703228			-0.43	-3.72	Good
99	04/03/21 01:00:00	11.65	9.50					11.21604827	98.45781022			-0.43	-3.72	Good
100	04/03/21 01:30:00	11.67	9.44					11.23492586	98.48278877			-0.44	-3.73	Good
101	04/03/21 02:00:00	11.68	9.40					11.24417529	98.46999391			-0.44	-3.73	Good
102	04/03/21 02:30:00	11.70	9.34					11.26305061	98.49428752			-0.44	-3.73	Good
103	04/03/21 03:00:00	11.71	9.28					11.27229842	98.43408638			-0.44	-3.74	Good
104	04/03/21 03:30:00	11.72	9.22					11.28154559	98.37369729			-0.44	-3.74	Good
105	04/03/21 04:00:00	11.74	9.16					11.30041767	98.39693392			-0.44	-3.74	Good
106	04/03/21 04:30:00	11.75	9.12					11.30966322	98.38317167			-0.44	-3.75	Good
107	04/03/21 05:00:00	11.74	9.04					11.29965828	98.10783791			-0.44	-3.75	Good

108	04/03/21 05:30:00	11.74	8.96					11.29927858	97.91633566			-0.44	-3.75	Good
109	04/03/21 06:00:00	11.75	8.90					11.30852316	97.8552352			-0.44	-3.76	Good
110	04/03/21 06:30:00	11.76	8.82					11.31776709	97.74686743			-0.44	-3.76	Good
111	04/03/21 07:00:00	11.76	8.76					11.31738675	97.60237783			-0.44	-3.76	Good
112	04/03/21 07:30:00	11.76	8.74					11.3170064	97.55204226			-0.44	-3.77	Good
113	04/03/21 08:00:00	11.77	8.72					11.32624904	97.58462509			-0.44	-3.77	Good
114	04/03/21 08:30:00	11.77	8.68					11.32586837	97.48718889			-0.44	-3.77	Good
115	04/03/21 09:00:00	11.78	8.66					11.33511004	97.51962818			-0.44	-3.78	Good
116	04/03/21 09:30:00	11.80	8.64					11.35397307	97.63473204			-0.45	-3.78	Good
117	04/03/21 10:00:00	11.83	8.62					11.3824565	97.83237222			-0.45	-3.78	Good
118	04/03/21 10:30:00	11.87	8.62					11.42055935	98.15986674			-0.45	-3.79	Good
119	04/03/21 11:00:00	11.89	8.60					11.43941753	98.27442849			-0.45	-3.79	Good
120	04/03/21 11:30:00	11.90	8.58					11.4486537	98.3062179			-0.45	-3.79	Good
121	04/03/21 12:00:00	11.91	8.58					11.45788922	98.38552061			-0.45	-3.80	Good
122	04/03/21 12:30:00	11.93	8.58					11.47674416	98.54742248			-0.45	-3.80	Good
123	04/03/21 13:00:00	11.95	8.60					11.49559782	98.75706546			-0.45	-3.80	Good
124	04/03/21 13:30:00	11.97	8.62					11.51445017	98.96685971			-0.46	-3.81	Good
125	04/03/21 14:00:00	11.99	8.64					11.53330124	99.17680523			-0.46	-3.81	Good
126	04/03/21 14:30:00	12.02	8.66					11.56176979	99.46965549			-0.46	-3.81	Good
127	04/03/21 15:00:00	12.05	8.66					11.59023639	99.71456294			-0.46	-3.82	Good
128	04/03/21 15:30:00	12.07	8.68					11.60908293	99.92495261			-0.46	-3.82	Good
129	04/03/21 16:00:00	12.09	8.72					11.62792817	100.1838303			-0.46	-3.82	Good
130	04/03/21 16:30:00	12.10	8.74					11.63715464	100.3117044			-0.46	-3.83	Good
131	04/03/21 17:00:00	12.10	8.76					11.6367633	100.3567161			-0.46	-3.83	Good
132	04/03/21 17:30:00	12.12	8.78					11.65560563	100.5676835			-0.46	-3.83	Good
133	04/03/21 18:00:00	12.12	8.80					11.65521365	100.6127746			-0.46	-3.83	Good
134	04/03/21 18:30:00	12.15	8.82					11.68367023	100.9070213			-0.47	-3.84	Good
135	04/03/21 19:00:00	12.18	8.82					11.71212487	101.1527722			-0.47	-3.84	Good
136	04/03/21 19:30:00	12.21	8.80					11.74057757	101.3496723			-0.47	-3.84	Good
137	04/03/21 20:00:00	12.21	8.80					11.74018267	101.3462634			-0.47	-3.85	Good
138	04/03/21 20:30:00	12.23	8.80					11.75901756	101.5088542			-0.47	-3.85	Good
139	04/03/21 21:00:00	12.24	8.78					11.76823659	101.5394935			-0.47	-3.85	Good
140	04/03/21 21:30:00	12.27	8.76					11.79668347	101.735885			-0.47	-3.86	Good
141	04/03/21 22:00:00	12.29	8.76					11.81551448	101.8982858			-0.47	-3.86	Good
142	04/03/21 22:30:00	12.31	8.76					11.8343442	102.0606753			-0.48	-3.86	Good
143	04/03/21 23:00:00	12.33	8.74					11.85317263	102.1737689			-0.48	-3.87	Good
144	04/03/21 23:30:00	12.34	8.72				N/A	11.8623868	102.2038774		N/A	-0.48	-3.87	Good
145	04/04/21 00:00:00	12.35	8.72	12.20	12.44	12.29708		11.87160033	102.2832593	11.811		-0.48	-3.87	Good
146	04/04/21 00:30:00	12.34	8.72					11.8615886	102.1970003			-0.48	-3.88	Good
147	04/04/21 01:00:00	12.35	8.70					11.87080148	102.2270303			-0.48	-3.88	Good
148	04/04/21 01:30:00	12.34	8.68					11.86079039	102.0915196			-0.48	-3.88	Good
149	04/04/21 02:00:00	12.34	8.66					11.86039129	102.0387931			-0.48	-3.89	Good
150	04/04/21 02:30:00	12.33	8.64					11.85038117	101.9034291			-0.48	-3.89	Good
151	04/04/21 03:00:00	12.32	8.64					11.8403717	101.817356			-0.48	-3.89	Good
152	04/04/21 03:30:00	12.31	8.64					11.83036288	101.7312885			-0.48	-3.90	Good
153	04/04/21 04:00:00	12.30	8.64					11.8203547	101.6452265			-0.48	-3.90	Good
154	04/04/21 04:30:00	12.28	8.62					11.80073745	101.4275029			-0.48	-3.90	Good
155	04/04/21 05:00:00	12.28	8.58					11.80034029	101.3260471			-0.48	-3.91	Good
156	04/04/21 05:30:00	12.25	8.56					11.77111591	101.0262151			-0.48	-3.91	Good
157	04/04/21 06:00:00	12.24	8.50					11.76111096	100.7938347			-0.48	-3.91	Good
158	04/04/21 06:30:00	12.24	8.46					11.7607151	100.6927999			-0.48	-3.92	Good
159	04/04/21 07:00:00	12.22	8.44					11.74110302	100.4761546			-0.48	-3.92	Good
160	04/04/21 07:30:00	12.22	8.42					11.7407078	100.4240491			-0.48	-3.92	Good
161	04/04/21 08:00:00	12.22	8.40					11.74031258	100.3719529			-0.48	-3.93	Good
162	04/04/21 08:30:00	12.22	8.40					11.73991736	100.368574			-0.48	-3.93	Good
163	04/04/21 09:00:00	12.22	8.38					11.73952213	100.3164886			-0.48	-3.93	Good
164	04/04/21 09:30:00	12.23	8.38					11.7487334	100.3952006			-0.48	-3.94	Good
165	04/04/21 10:00:00	12.22	8.40					11.73873169	100.3584373			-0.48	-3.94	Good
166	04/04/21 10:30:00	12.20	8.40					11.71912479	100.1908112			-0.48	-3.94	Good
167	04/04/21 11:00:00	12.21	8.42					11.72833573	100.3182247			-0.48	-3.94	Good
168	04/04/21 11:30:00	12.21	8.44					11.72794083	100.3635173			-0.48	-3.95	Good
169	04/04/21 12:00:00	12.23	8.46					11.74675568	100.5732823			-0.48	-3.95	Good
170	04/04/21 12:30:00	12.25	8.50					11.76556922	100.8320424			-0.48	-3.95	Good
171	04/04/21 13:00:00	12.26	8.56					11.77477725	101.0576388			-0.49	-3.96	Good
172	04/04/21 13:30:00	12.30	8.62					11.81279634	101.5311491			-0.49	-3.96	Good
173	04/04/21 14:00:00	12.30	8.70					11.81239853	101.7240853			-0.49	-3.96	Good
174	04/04/21 14:30:00	12.29	8.76					11.80239747	101.7851632			-0.49	-3.97	Good
175	04/04/21 15:00:00	12.30	8.80					11.81160291	101.9627934			-0.49	-3.97	Good
176	04/04/21 15:30:00	12.29	8.86					11.8016025	102.0237468			-0.49	-3.97	Good
177	04/04/21 16:00:00	12.30	8.90					11.81080729	102.2016146			-0.49	-3.98	Good
178	04/04/21 16:30:00	12.29	8.96					11.80080753	102.2624429			-0.49	-3.98	Good
179	04/04/21 17:00:00	12.31	9.00					11.81961331	102.5238331			-0.49	-3.98	Good
180	04/04/21 17:30:00	12.31	9.08					11.81921518	102.7172919			-0.49	-3.99	Good
181	04/04/21 18:00:00	12.31	9.16					11.81881705	102.9108298			-0.49	-3.99	Good
182	04/04/21 18:30:00	12.32	9.22					11.82801958	103.1388837			-0.49	-3.99	Good
183	04/04/21 19:00:00	12.33	9.28					11.83722147	103.3672138			-0.49	-4.00	Good
184	04/04/21 19:30:00	12.34	9.34					11.84642271	103.5958201			-0.49	-4.00	Good
185	04/04/21 20:00:00	12.34	9.40					11.8460236	103.7406339			-0.49	-4.00	Good
186	04/04/21 20:30:00	12.36	9.46					11.86482325	104.0538611			-0.50	-4.01	Good
187	04/04/21 21:00:00	12.36	9.50					11.8644235	104.1494409			-0.50	-4.01	Good
188	04/04/21 21:30:00	12.38	9.54					11.8832212	104.4137181			-0.50	-4.01	Good
189	04/04/21 22:00:00	12.38	9.56					11.8828208	104.4598396			-0.50	-4.02	Good
190	04/04/21 22:30:00	12.41	9.58					11.91121464	104.7592088			-0.50	-4.02	Good
191	04/04/21 23:00:00	12.42	9.60					11.92041103	104.8898991			-0.50	-4.02	Good
192	04/04/21 23:30:00	12.44	9.62				N/A	11.9392042	105.1051559		N/A	-0.50	-4.03	Good
193	04/05/21 00:00:00	12.43	9.64	12.01	12.44	12.18563		11.92920475	105.0669832	11.685		-0.50	-4.03	Good
194	04/05/21 00:30:00	12.43	9.64					11.92880274	105.0634425			-0.50	-4.03	Good
195	04/05/21 01:00:00	12.44	9.64					11.93799719	105.144423			-0.50	-4.04	Good
196	04/05/21 01:30:00	12.43	9.64					11.92799871	105.056361			-0.50	-4.04	Good
197	04/05/21 02:00:00	12.43	9.64					11.9275967	105.0528202			-0.50	-4.04	Good
198	04/05/21 02:30:00	12.41	9.64					11.90800371	104.8802541			-0.50	-4.05	Good
199	04/05/21 03:00:00	12.43	9.64					11.92679267	105.0457387			-0.50	-4.05	Good
200	04/05/21 03:30:00	12.41	9.64					11.90720097	104.873184			-0.50	-4.05	Good
201	04/05/21 04:00:00	12.39	9.64					11.88761057	104.7006406			-0.50	-4.05	Good
202	04/05/21 04:30:00	12.38	9.64					11.87761565	104.61261			-0.50	-4.06	Good
203	04/05/21 05:00:00	12.37	9.64					11.86762138	104.524585			-0.50	-4.06	Good
204	04/05/21 05:30:00	12.35	9.64					11.84803421	104.3520702			-0.50	-4.06	Good
205	04/05/21 06:00:00	12.34	9.64					11.83804156	104.2640594			-0.50	-4.07	Good
206	04/05/21 06:30:00	12.31	9.62					11.80886374	103.9577215			-0.50	-4.07	Good
207	04/05/21 07:00:00	12.28	9.58					11.77968787	103.6024301			-0.50	-4.07	Good
208	04/05/21 07:30:00	12.23	9.56					11.73132943	103.1281049			-0.50	-4.08	Good
209	04/05/21 08:00:00	12.22	9.56					11.72134195	103.0403067			-0.50	-4.08	Good
210	04/05/21 08:30:00	12.20	9.56					11.70176351	102.868196			-0.50	-4.08	Good
211	04/05/21 09:00:00	12.18	9.56					11.68218637	102.6960967			-0.50	-4.09	Good
212	04/05/21 09:30:00	12.15	9.56					11.65301955	102.4396962			-0.50	-4.09	Good
213	04/05/21 10:00:00	12.11	9.56					11.61426404	102.0990031			-0.50	-4.09	Good
214	04/05/21 10:30:00	12.09	9.58					11.59469174	101.9753879			-0.50	-4.10	Good
215	04/05/21 11:00:00	12.06	9.60					11.56553075	101.7672419			-0.49	-4.10	Good
216	04/05/21 11:30:00	12.05	9.62					11.55555103	101.7277175			-0.49	-4.10	Good
217	04/05/21 12:00:00	12.05	9.66					11.55516131	101.8208779			-0.49	-4.11	Good
218	04/05/21 12:30:00	12.03	9.68					11.53559354	101.6966742			-0.49	-4.11	Good
219	04/05/21 13:00:00	12.03	9.74					11.53520446	101.8379383			-0.49	-4.11	Good
220	04/05/21 13:30:00	12.03	9.78					11.53481539	101.9309902			-0.50	-4.12	Good
221	04/05/21 14:00:00	12.02	9.86					11.52483826	102.0356964			-0.50	-4.12	Good
222	04/05/21 14:30:00	12.01	9.92					11.51486178	102.0919551			-0.50	-4.12	Good
223	04/05/21 15:00:00	12.02	9.98					11.52406075	102.3182643			-0.50	-4.13	Good

224	04/05/21 15:30:00	12.02	10.06					11.523672	102.5078821			-0.50	-4.13	Good
225	04/05/21 16:00:00	12.02	10.12					11.52328325	102.6492776			-0.50	-4.13	Good
226	04/05/21 16:30:00	12.04	10.20					11.54206737	103.0101347			-0.50	-4.14	Good
227	04/05/21 17:00:00	12.05	10.26					11.55126408	103.2375313			-0.50	-4.14	Good
228	04/05/21 17:30:00	12.07	10.34					11.57004593	103.5995387			-0.50	-4.14	Good
229	04/05/21 18:00:00	12.07	10.42					11.56965556	103.7902697			-0.50	-4.15	Good
230	04/05/21 18:30:00	12.10	10.50					11.59802061	104.2395178			-0.50	-4.15	Good
231	04/05/21 19:00:00	12.11	10.58					11.60721409	104.5171734			-0.50	-4.15	Good
232	04/05/21 19:30:00	12.11	10.66					11.60682243	104.7087522			-0.50	-4.16	Good
233	04/05/21 20:00:00	12.12	10.74					11.61601493	104.9870252			-0.50	-4.16	Good
234	04/05/21 20:30:00	12.12	10.80					11.61562295	105.1300412			-0.50	-4.16	Good
235	04/05/21 21:00:00	12.13	10.84					11.62481448	105.3110408			-0.51	-4.16	Fair
236	04/05/21 21:30:00	12.14	10.88					11.63400537	105.4922103			-0.51	-4.17	Fair
237	04/05/21 22:00:00	12.13	10.90					11.62402986	105.4506764			-0.51	-4.17	Fair
238	04/05/21 22:30:00	12.13	10.92					11.62363755	105.4960408			-0.51	-4.17	Fair
239	04/05/21 23:00:00	12.12	10.94					11.61366301	105.4543985			-0.51	-4.18	Fair
240	04/05/21 23:30:00	12.12	10.94				N/A	11.61327102	105.4508392		N/A	-0.51	-4.18	Fair
241	04/06/21 00:00:00	12.10	10.96	11.61	12.10	11.79271		11.59371587	105.3220822	11.344		-0.51	-4.18	Fair
242	04/06/21 00:30:00	12.08	10.98					11.57416201	105.1931776			-0.51	-4.19	Fair
243	04/06/21 01:00:00	12.08	10.98					11.57377132	105.1896267			-0.51	-4.19	Fair
244	04/06/21 01:30:00	12.08	10.98					11.57338062	105.1860759			-0.51	-4.19	Fair
245	04/06/21 02:00:00	12.07	11.00					11.56340964	105.144144			-0.51	-4.20	Fair
246	04/06/21 02:30:00	12.06	11.00					11.5534393	105.0534854			-0.51	-4.20	Fair
247	04/06/21 03:00:00	12.04	11.00					11.53388997	104.8757266			-0.51	-4.20	Fair
248	04/06/21 03:30:00	12.04	10.98					11.53350057	104.8236212			-0.51	-4.21	Fair
249	04/06/21 04:00:00	12.03	11.00					11.52353217	104.7815449			-0.51	-4.21	Fair
250	04/06/21 04:30:00	12.01	10.98					11.50398575	104.5553722			-0.51	-4.21	Fair
251	04/06/21 05:00:00	11.99	10.98					11.48444063	104.3777339			-0.51	-4.22	Fair
252	04/06/21 05:30:00	11.97	10.96					11.46489679	104.1518368			-0.51	-4.22	Fair
253	04/06/21 06:00:00	11.95	10.94					11.44535425	103.9261211			-0.50	-4.22	Good
254	04/06/21 06:30:00	11.94	10.94					11.43539038	103.8356471			-0.50	-4.23	Good
255	04/06/21 07:00:00	11.91	10.92					11.40627305	103.5232423			-0.50	-4.23	Good
256	04/06/21 07:30:00	11.89	10.92					11.38673439	103.3459096			-0.50	-4.23	Good
257	04/06/21 08:00:00	11.88	10.90					11.37677344	103.2076197			-0.50	-4.24	Good
258	04/06/21 08:30:00	11.85	10.90					11.34766095	102.9435176			-0.50	-4.24	Good
259	04/06/21 09:00:00	11.84	10.90					11.33770194	102.8531716			-0.50	-4.24	Good
260	04/06/21 09:30:00	11.81	10.90					11.30859269	102.5890988			-0.50	-4.25	Good
261	04/06/21 10:00:00	11.77	10.90					11.26991027	102.2381803			-0.50	-4.25	Good
262	04/06/21 10:30:00	11.76	10.90					11.25995481	102.1478666			-0.50	-4.25	Good
263	04/06/21 11:00:00	11.75	10.90					11.25	102.0575587			-0.50	-4.26	Good
264	04/06/21 11:30:00	11.64	11.00					11.24	102.0807357			-0.40	-3.44	Good
265	04/06/21 12:00:00	11.67	10.96					11.26925742	102.2516684			-0.40	-3.43	Good
266	04/06/21 12:30:00	11.67	10.98					11.26954577	102.3016738			-0.40	-3.43	Good
267	04/06/21 13:00:00	11.65	11.00					11.25051991	102.1762766			-0.40	-3.43	Good
268	04/06/21 13:30:00	11.65	11.04					11.25080777	102.2735365			-0.40	-3.43	Good
269	04/06/21 14:00:00	11.65	11.06					11.25109562	102.3234847			-0.40	-3.42	Good
270	04/06/21 14:30:00	11.64	11.12					11.24172563	102.3801754			-0.40	-3.42	Good
271	04/06/21 15:00:00	11.63	11.14					11.23235515	102.3421097			-0.40	-3.42	Good
272	04/06/21 15:30:00	11.62	11.18					11.22298418	102.3512088			-0.40	-3.42	Good
273	04/06/21 16:00:00	11.63	11.24					11.23292987	102.5837965			-0.40	-3.41	Good
274	04/06/21 16:30:00	11.62	11.26					11.2235584	102.5454779			-0.40	-3.41	Good
275	04/06/21 17:00:00	11.62	11.30					11.22384551	102.6426494			-0.40	-3.41	Good
276	04/06/21 17:30:00	11.61	11.34					11.2144733	102.6514293			-0.40	-3.41	Good
277	04/06/21 18:00:00	11.61	11.38					11.21476016	102.7485664			-0.40	-3.40	Good
278	04/06/21 18:30:00	11.61	11.40					11.21504703	102.7984589			-0.39	-3.40	Good
279	04/06/21 19:00:00	11.62	11.42					11.22499395	102.9369448			-0.40	-3.40	Good
280	04/06/21 19:30:00	11.62	11.44					11.22528107	102.986895			-0.39	-3.40	Good
281	04/06/21 20:00:00	11.64	11.48					11.24488929	103.2616062			-0.40	-3.39	Good
282	04/06/21 20:30:00	11.64	11.52					11.2451769	103.359084			-0.39	-3.39	Good
283	04/06/21 21:00:00	11.68	11.58					11.28410871	103.859707			-0.40	-3.39	Good
284	04/06/21 21:30:00	11.68	11.62					11.28439731	103.95758			-0.40	-3.39	Good
285	04/06/21 22:00:00	11.69	11.68					11.29434745	104.1922336			-0.40	-3.38	Good
286	04/06/21 22:30:00	11.68	11.72					11.28497449	104.2010372			-0.40	-3.38	Good
287	04/06/21 23:00:00	11.69	11.78					11.29492513	104.4359861			-0.40	-3.38	Good
288	04/06/21 23:30:00	11.69	11.84				N/A	11.29521397	104.581773		N/A	-0.39	-3.38	Good
289	04/07/21 00:00:00	11.69	11.90	11.31	11.76	11.52875		11.29550281	104.7276111	11.146		-0.39	-3.37	Good
290	04/07/21 00:30:00	11.71	11.96					11.31511721	105.0529244			-0.39	-3.37	Good
291	04/07/21 01:00:00	11.72	12.02					11.32506958	105.288951			-0.39	-3.37	Good
292	04/07/21 01:30:00	11.73	12.06					11.33502243	105.4773416			-0.39	-3.37	Good
293	04/07/21 02:00:00	11.75	12.10					11.35463931	105.7559295			-0.40	-3.36	Good
294	04/07/21 02:30:00	11.74	12.12					11.34526586	105.7166159			-0.39	-3.36	Good
295	04/07/21 03:00:00	11.75	12.14					11.35521996	105.8574061			-0.39	-3.36	Good
296	04/07/21 03:30:00	11.76	12.16					11.36517454	105.99829			-0.39	-3.36	Good
297	04/07/21 04:00:00	11.75	12.16					11.3558006	105.9108631			-0.39	-3.35	Good
298	04/07/21 04:30:00	11.75	12.18					11.35609093	105.9616209			-0.39	-3.35	Good
299	04/07/21 05:00:00	11.75	12.20					11.35638125	106.0123859			-0.39	-3.35	Good
300	04/07/21 05:30:00	11.75	12.20					11.35667157	106.0150961			-0.39	-3.35	Good
301	04/07/21 06:00:00	11.74	12.20					11.3472964	105.9275784			-0.39	-3.35	Good
302	04/07/21 06:30:00	11.73	12.20					11.33792073	105.840056			-0.39	-3.34	Good
303	04/07/21 07:00:00	11.71	12.20					11.31887857	105.6622965			-0.39	-3.34	Good
304	04/07/21 07:30:00	11.69	12.20					11.29983542	105.4845278			-0.39	-3.34	Good
305	04/07/21 08:00:00	11.66	12.18					11.2711248	105.1688174			-0.39	-3.34	Good
306	04/07/21 08:30:00	11.64	12.18					11.25207943	104.9911085			-0.39	-3.33	Good
307	04/07/21 09:00:00	11.63	12.18					11.24270005	104.9035912			-0.39	-3.33	Good
308	04/07/21 09:30:00	11.59	12.18					11.20431849	104.5454599			-0.39	-3.33	Good
309	04/07/21 10:00:00	11.55	12.16					11.16593496	104.1400646			-0.38	-3.33	Good
310	04/07/21 10:30:00	11.53	12.16					11.1468849	103.9623926			-0.38	-3.32	Good
311	04/07/21 11:00:00	11.51	12.18					11.12783384	103.8317955			-0.38	-3.32	Good
312	04/07/21 11:30:00	11.48	12.20					11.09911358	103.6107794			-0.38	-3.32	Good
313	04/07/21 12:00:00	11.45	12.24					11.07039184	103.4363664			-0.38	-3.32	Good
314	04/07/21 12:30:00	11.42	12.28					11.04166862	103.261472			-0.38	-3.31	Good
315	04/07/21 13:00:00	11.41	12.30					11.03228183	103.2203949			-0.38	-3.31	Good
316	04/07/21 13:30:00	11.39	12.32					11.01322534	103.0887303			-0.38	-3.31	Good
317	04/07/21 14:00:00	11.39	12.34					11.01350677	103.1380024			-0.38	-3.31	Good
318	04/07/21 14:30:00	11.39	12.40					11.0137882	103.2805828			-0.38	-3.30	Good
319	04/07/21 15:00:00	11.37	12.46					10.99472973	103.2416084			-0.38	-3.30	Good
320	04/07/21 15:30:00	11.34	12.52					10.96600008	103.1112548			-0.37	-3.30	Good
321	04/07/21 16:00:00	11.32	12.58					10.94693939	103.0712503			-0.37	-3.30	Good
322	04/07/21 16:30:00	11.32	12.60					10.94721909	103.1203006			-0.37	-3.29	Good
323	04/07/21 17:00:00	11.31	12.60					10.93782786	103.0318373			-0.37	-3.29	Good
324	04/07/21 17:30:00	11.33	12.60					10.95744967	103.2166704			-0.37	-3.29	Good
325	04/07/21 18:00:00	11.34	12.60					10.96740105	103.31041			-0.37	-3.29	Good
326	04/07/21 18:30:00	11.34	12.62					10.96768124	103.3595576			-0.37	-3.28	Good
327	04/07/21 19:00:00	11.35	12.66					10.97763336	103.546461			-0.37	-3.28	Good
328	04/07/21 19:30:00	11.36	12.68					10.98758597	103.6869453			-0.37	-3.28	Good
329	04/07/21 20:00:00	11.36	12.74					10.98786666	103.829444			-0.37	-3.28	Good
330	04/07/21 20:30:00	11.38	12.78					11.00749267	104.1083221			-0.37	-3.27	Good
331	04/07/21 21:00:00	11.40	12.82					11.02711968	104.3875609			-0.37	-3.27	Good
332	04/07/21 21:30:00	11.41	12.86					11.03707451	104.5755081			-0.37	-3.27	Good
333	04/07/21 22:00:00	11.43	12.90					11.05670325	104.8553842			-0.37	-3.27	Good
334	04/07/21 22:30:00	11.42	12.92					11.04731201	104.8132377			-0.37	-3.26	Good
335	04/07/21 23:00:00	11.42	12.94					11.04759418	104.8628352			-0.37	-3.26	Good
336	04/07/21 23:30:00	11.42	12.96				11.720	11.04787635	104.9124396		11.282	-0.37	-3.26	Good
337	04/08/21 00:00:00	11.43	13.00	11.22	11.49	11.36563		11.05783291	105.1009392	11.002		-0.37	-3.26	Good
338	04/08/21 00:30:00	11.43	13.04					11.05811533	105.1975944			-0.37	-3.25	Good
339	04/08/21 01:00:00	11.43	13.08					11.05839775	105.2942726			-0.37	-3.25	Good

340	04/08/21 01:30:00	11.44	13.10					11.0683553	105.4361299			-0.37	-3.25	Good
341	04/08/21 02:00:00	11.44	13.12					11.06863796	105.4858731			-0.37	-3.25	Good
342	04/08/21 02:30:00	11.43	13.14					11.059245	105.4433718			-0.37	-3.24	Good
343	04/08/21 03:00:00	11.44	13.16					11.06920329	105.5853803			-0.37	-3.24	Good
344	04/08/21 03:30:00	11.46	13.16					11.0888382	105.7726711			-0.37	-3.24	Good
345	04/08/21 04:00:00	11.45	13.20					11.07944499	105.7772972			-0.37	-3.24	Good
346	04/08/21 04:30:00	11.47	13.22					11.09908114	106.0119694			-0.37	-3.23	Good
347	04/08/21 05:00:00	11.48	13.26					11.10904141	106.2016077			-0.37	-3.23	Good
348	04/08/21 05:30:00	11.47	13.28					11.09964795	106.1590255			-0.37	-3.23	Good
349	04/08/21 06:00:00	11.48	13.28					11.10960871	106.2542921			-0.37	-3.23	Good
350	04/08/21 06:30:00	11.49	13.28					11.11956997	106.3495633			-0.37	-3.22	Good
351	04/08/21 07:00:00	11.47	13.28					11.10049816	106.1671571			-0.37	-3.22	Good
352	04/08/21 07:30:00	11.47	13.26					11.10078157	106.1226442			-0.37	-3.22	Good
353	04/08/21 08:00:00	11.45	13.24					11.08170828	105.8931672			-0.37	-3.22	Good
354	04/08/21 08:30:00	11.44	13.24					11.07231259	105.8033851			-0.37	-3.21	Good
355	04/08/21 09:00:00	11.45	13.22					11.0822741	105.8514383			-0.37	-3.21	Good
356	04/08/21 09:30:00	11.42	13.22					11.05351974	105.5767934			-0.37	-3.21	Good
357	04/08/21 10:00:00	11.41	13.22					11.04412257	105.4870372			-0.37	-3.21	Good
358	04/08/21 10:30:00	11.39	13.24					11.02504533	105.3517147			-0.36	-3.20	Good
359	04/08/21 11:00:00	11.38	13.24					11.01564693	105.2619067			-0.36	-3.20	Good
360	04/08/21 11:30:00	11.36	13.26					10.99656796	105.1263699			-0.36	-3.20	Good
361	04/08/21 12:00:00	11.35	13.28					10.98716832	105.0832502			-0.36	-3.20	Good
362	04/08/21 12:30:00	11.35	13.30					10.98744876	105.1326781			-0.36	-3.19	Good
363	04/08/21 13:00:00	11.35	13.34					10.9877292	105.2288688			-0.36	-3.19	Good
364	04/08/21 13:30:00	11.34	13.38					10.97832857	105.2322846			-0.36	-3.19	Good
365	04/08/21 14:00:00	11.33	13.42					10.96892745	105.2355535			-0.36	-3.19	Good
366	04/08/21 14:30:00	11.34	13.44					10.97888896	105.3778643			-0.36	-3.18	Good
367	04/08/21 15:00:00	11.34	13.48					10.97916915	105.4740503			-0.36	-3.18	Good
368	04/08/21 15:30:00	11.34	13.54					10.97944934	105.6170238			-0.36	-3.18	Good
369	04/08/21 16:00:00	11.32	13.56					10.96036493	105.480129			-0.36	-3.18	Good
370	04/08/21 16:30:00	11.29	13.60					10.93159699	105.296417			-0.36	-3.17	Good
371	04/08/21 17:00:00	11.28	13.62					10.92219315	105.2523751			-0.36	-3.17	Good
372	04/08/21 17:30:00	11.27	13.64					10.91278882	105.2082526			-0.36	-3.17	Good
373	04/08/21 18:00:00	11.26	13.66					10.90338399	105.1640497			-0.36	-3.17	Good
374	04/08/21 18:30:00	11.26	13.66					10.90366221	105.1667331			-0.36	-3.16	Good
375	04/08/21 19:00:00	11.24	13.68					10.88457286	105.0290061			-0.36	-3.16	Good
376	04/08/21 19:30:00	11.23	13.70					10.87516655	104.9845971			-0.35	-3.16	Good
377	04/08/21 20:00:00	11.22	13.72					10.86575975	104.9401075			-0.35	-3.16	Good
378	04/08/21 20:30:00	11.22	13.76					10.86603697	105.0354402			-0.35	-3.15	Good
379	04/08/21 21:00:00	11.23	13.80					10.87599897	105.2244945			-0.35	-3.15	Good
380	04/08/21 21:30:00	11.25	13.82					10.89564649	105.4610518			-0.35	-3.15	Good
381	04/08/21 22:00:00	11.26	13.84					10.90560972	105.6040038			-0.35	-3.15	Good
382	04/08/21 22:30:00	11.28	13.88					10.92525897	105.8874889			-0.35	-3.14	Good
383	04/08/21 23:00:00	11.30	13.90					10.9449092	106.1246353			-0.36	-3.14	Good
384	04/08/21 23:30:00	11.32	13.90				11.770	10.96456042	106.3151786		11.335	-0.36	-3.14	Good
385	04/09/21 00:00:00	11.34	13.92	10.89	11.35	11.16646		10.98421262	106.5526	10.823		-0.36	-3.14	Good
386	04/09/21 00:30:00	11.35	13.94					10.99417932	106.6961977			-0.36	-3.13	Good
387	04/09/21 01:00:00	11.33	13.94					10.97508626	106.5109036			-0.35	-3.13	Good
388	04/09/21 01:30:00	11.34	13.94					10.9850532	106.6076307			-0.35	-3.13	Good
389	04/09/21 02:00:00	11.34	13.96					10.9853334	106.657232			-0.35	-3.13	Good
390	04/09/21 02:30:00	11.35	13.96					10.99530108	106.7540088			-0.35	-3.13	Good
391	04/09/21 03:00:00	11.35	13.96					10.99558152	106.7567316			-0.35	-3.12	Good
392	04/09/21 03:30:00	11.33	13.96					10.97648599	106.571332			-0.35	-3.12	Good
393	04/09/21 04:00:00	11.33	13.98					10.97676594	106.6209			-0.35	-3.12	Good
394	04/09/21 04:30:00	11.33	13.98					10.97704588	106.6236192			-0.35	-3.12	Good
395	04/09/21 05:00:00	11.32	14.00					10.9676371	106.5790439			-0.35	-3.11	Good
396	04/09/21 05:30:00	11.32	14.02					10.9679168	106.6285827			-0.35	-3.11	Good
397	04/09/21 06:00:00	11.31	14.02					10.95850728	106.5371047			-0.35	-3.11	Good
398	04/09/21 06:30:00	11.30	14.04					10.94909727	106.4923666			-0.35	-3.11	Good
399	04/09/21 07:00:00	11.31	14.04					10.95906618	106.5893256			-0.35	-3.10	Good
400	04/09/21 07:30:00	11.29	14.06					10.93996571	106.450262			-0.35	-3.10	Good
401	04/09/21 08:00:00	11.29	14.06					10.94024467	106.4529764			-0.35	-3.10	Good
402	04/09/21 08:30:00	11.29	14.08					10.94052363	106.5024076			-0.35	-3.10	Good
403	04/09/21 09:00:00	11.28	14.06					10.93111188	106.3641107			-0.35	-3.09	Good
404	04/09/21 09:30:00	11.27	14.06					10.92169965	106.2725259			-0.35	-3.09	Good
405	04/09/21 10:00:00	11.25	14.06					10.90259572	106.086637			-0.35	-3.09	Good
406	04/09/21 10:30:00	11.23	14.06					10.8834908	105.9007384			-0.35	-3.09	Good
407	04/09/21 11:00:00	11.23	14.08					10.88376827	105.9499129			-0.35	-3.08	Good
408	04/09/21 11:30:00	11.22	14.08					10.87435381	105.8582662			-0.35	-3.08	Good
409	04/09/21 12:00:00	11.22	14.10					10.87463104	105.9074046			-0.35	-3.08	Good
410	04/09/21 12:30:00	11.22	14.10					10.87490827	105.9101045			-0.35	-3.08	Good
411	04/09/21 13:00:00	11.20	14.12					10.85580014	105.7703752			-0.34	-3.07	Good
412	04/09/21 13:30:00	11.18	14.10					10.83669102	105.537909			-0.34	-3.07	Good
413	04/09/21 14:00:00	11.16	14.10					10.81758091	105.3517967			-0.34	-3.07	Good
414	04/09/21 14:30:00	11.14	14.10					10.79846982	105.1656749			-0.34	-3.07	Good
415	04/09/21 15:00:00	11.13	14.10					10.7890514	105.0739495			-0.34	-3.06	Good
416	04/09/21 15:30:00	11.12	14.12					10.77963249	105.0282576			-0.34	-3.06	Good
417	04/09/21 16:00:00	11.11	14.14					10.77021309	104.9824846			-0.34	-3.06	Good
418	04/09/21 16:30:00	11.07	14.16					10.73170997	104.6530181			-0.34	-3.06	Good
419	04/09/21 17:00:00	11.05	14.16					10.71259418	104.4666056			-0.34	-3.05	Good
420	04/09/21 17:30:00	11.03	14.18					10.6934774	104.3258664			-0.34	-3.05	Good
421	04/09/21 18:00:00	11.00	14.20					10.66466449	104.0903309			-0.34	-3.05	Good
422	04/09/21 18:30:00	10.97	14.20					10.63585009	103.8090937			-0.33	-3.05	Good
423	04/09/21 19:00:00	10.95	14.20					10.61672985	103.6224744			-0.33	-3.04	Good
424	04/09/21 19:30:00	10.92	14.20					10.58791274	103.3412107			-0.33	-3.04	Good
425	04/09/21 20:00:00	10.90	14.22					10.56879028	103.1997284			-0.33	-3.04	Good
426	04/09/21 20:30:00	10.89	14.22					10.55936321	103.1076771			-0.33	-3.04	Good
427	04/09/21 21:00:00	10.89	14.22					10.55963229	103.1103045			-0.33	-3.03	Good
428	04/09/21 21:30:00	10.89	14.22					10.55990136	103.1129319			-0.33	-3.03	Good
429	04/09/21 22:00:00	10.89	14.22					10.56017043	103.1155593			-0.33	-3.03	Good
430	04/09/21 22:30:00	10.91	14.22					10.57983425	103.3075681			-0.33	-3.03	Good
431	04/09/21 23:00:00	10.92	14.22					10.58980144	103.4048935			-0.33	-3.02	Good
432	04/09/21 23:30:00	10.93	14.24				11.754	10.59976913	103.5475188		11.329	-0.33	-3.02	Good
433	04/10/21 00:00:00	10.92	14.24	10.86	10.94	10.89646		10.59034107	103.4554176	10.574		-0.33	-3.02	Good
434	04/10/21 00:30:00	10.92	14.22					10.59061089	103.4127974			-0.33	-3.02	Good
435	04/10/21 01:00:00	10.92	14.22					10.59088071	103.415432			-0.33	-3.01	Good
436	04/10/21 01:30:00	10.92	14.22					10.59115052	103.4180666			-0.33	-3.01	Good
437	04/10/21 02:00:00	10.92	14.22					10.59142034	103.4207013			-0.33	-3.01	Good
438	04/10/21 02:30:00	10.92	14.22					10.59169015	103.4233359			-0.33	-3.01	Good
439	04/10/21 03:00:00	10.91	14.22					10.58226037	103.3312581			-0.33	-3.00	Good
440	04/10/21 03:30:00	10.92	14.22					10.59222978	103.4286052			-0.33	-3.00	Good
441	04/10/21 04:00:00	10.90	14.22					10.57309942	103.2418053			-0.33	-3.00	Good
442	04/10/21 04:30:00	10.89	14.22					10.5636684	103.1497154			-0.33	-3.00	Good
443	04/10/21 05:00:00	10.89	14.22					10.56393747	103.1523428			-0.33	-2.99	Good
444	04/10/21 05:30:00	10.90	14.24					10.57390738	103.2948793			-0.33	-2.99	Good
445	04/10/21 06:00:00	10.90	14.26					10.5741767	103.3427002			-0.33	-2.99	Good
446	04/10/21 06:30:00	10.88	14.26					10.55504337	103.1557078			-0.32	-2.99	Good
447	04/10/21 07:00:00	10.88	14.28					10.5553122	103.2034485			-0.32	-2.98	Good
448	04/10/21 07:30:00	10.88	14.28					10.55558102	103.2060769			-0.32	-2.98	Good
449	04/10/21 08:00:00	10.87	14.30					10.54614778	103.1589228			-0.32	-2.98	Good
450	04/10/21 08:30:00	10.87	14.32					10.54641636	103.2066336			-0.32	-2.98	Good
451	04/10/21 09:00:00	10.87	14.32					10.54668494	103.2092619			-0.32	-2.97	Good
452	04/10/21 09:30:00	10.87	14.34					10.54695352	103.2569803			-0.32	-2.97	Good
453	04/10/21 10:00:00	10.87	14.36					10.5472221	103.3047051			-0.32	-2.97	Good
454	04/10/21 10:30:00	10.87	14.38					10.54749068	103.3524363			-0.32	-2.97	Good
455	04/10/21 11:00:00	10.87	14.38					10.54775926	103.355068			-0.32	-2.96	Good

456	04/10/21 11:30:00	10.87	14.40					10.54802784	103.4028068			-0.32	-2.96	Good
457	04/10/21 12:00:00	10.87	14.42					10.54829642	103.4505519			-0.32	-2.96	Good
458	04/10/21 12:30:00	10.86	14.44					10.53886071	103.4030889			-0.32	-2.96	Good
459	04/10/21 13:00:00	10.86	14.46					10.53912904	103.4508029			-0.32	-2.95	Good
460	04/10/21 13:30:00	10.87	14.48					10.54910216	103.5938258			-0.32	-2.95	Good
461	04/10/21 14:00:00	10.88	14.52					10.55907577	103.782122			-0.32	-2.95	Good
462	04/10/21 14:30:00	10.90	14.56					10.57875516	104.0660835			-0.32	-2.95	Good
463	04/10/21 15:00:00	10.92	14.58					10.59843554	104.3050443			-0.32	-2.94	Good
464	04/10/21 15:30:00	10.90	14.58					10.5792938	104.11666			-0.32	-2.94	Good
465	04/10/21 16:00:00	10.92	14.58					10.59897517	104.3103551			-0.32	-2.94	Good
466	04/10/21 16:30:00	10.91	14.58					10.58953872	104.2174858			-0.32	-2.94	Good
467	04/10/21 17:00:00	10.92	14.60					10.5995148	104.3610343			-0.32	-2.93	Good
468	04/10/21 17:30:00	10.92	14.60					10.59978461	104.3636908			-0.32	-2.93	Good
469	04/10/21 18:00:00	10.92	14.62					10.60005443	104.4117221			-0.32	-2.93	Good
470	04/10/21 18:30:00	10.93	14.62					10.6100315	104.5099974			-0.32	-2.93	Good
471	04/10/21 19:00:00	10.92	14.64					10.60059406	104.4624187			-0.32	-2.92	Good
472	04/10/21 19:30:00	10.90	14.64					10.58144837	104.2737496			-0.32	-2.92	Good
473	04/10/21 20:00:00	10.89	14.68					10.5720097	104.271267			-0.32	-2.92	Good
474	04/10/21 20:30:00	10.86	14.68					10.54315404	103.9866649			-0.32	-2.92	Good
475	04/10/21 21:00:00	10.87	14.70					10.55313086	104.1302561			-0.32	-2.92	Good
476	04/10/21 21:30:00	10.88	14.70					10.56310818	104.2287047			-0.32	-2.91	Good
477	04/10/21 22:00:00	10.91	14.70					10.59250397	104.5187599			-0.32	-2.91	Good
478	04/10/21 22:30:00	10.93	14.70					10.612192	104.7130264			-0.32	-2.91	Good
479	04/10/21 23:00:00	10.94	14.68					10.62217154	104.7660111			-0.32	-2.91	Good
480	04/10/21 23:30:00	10.92	14.66				11.605	10.6030224	104.5317442		11.198	-0.32	-2.90	Good
481	04/11/21 00:00:00	10.91	14.66	10.74	11.01	10.85333		10.59358224	104.4386767	10.545		-0.32	-2.90	Good
482	04/11/21 00:30:00	10.87	14.66					10.55501092	104.0584147			-0.31	-2.90	Good
483	04/11/21 01:00:00	10.85	14.66					10.53585856	103.8695978			-0.31	-2.90	Good
484	04/11/21 01:30:00	10.84	14.66					10.52641593	103.776506			-0.31	-2.89	Good
485	04/11/21 02:00:00	10.83	14.66					10.51697281	103.6834093			-0.31	-2.89	Good
486	04/11/21 02:30:00	10.81	14.66					10.49781798	103.4945681			-0.31	-2.89	Good
487	04/11/21 03:00:00	10.80	14.66					10.48837362	103.4014592			-0.31	-2.89	Good
488	04/11/21 03:30:00	10.79	14.66					10.47892877	103.3083455			-0.31	-2.88	Good
489	04/11/21 04:00:00	10.77	14.66					10.45977147	103.1194799			-0.31	-2.88	Good
490	04/11/21 04:30:00	10.77	14.66					10.46003758	103.1221034			-0.31	-2.88	Good
491	04/11/21 05:00:00	10.76	14.66					10.45059124	103.0289751			-0.31	-2.88	Good
492	04/11/21 05:30:00	10.77	14.66					10.4605698	103.1273504			-0.31	-2.87	Good
493	04/11/21 06:00:00	10.76	14.66					10.45112297	103.0342172			-0.31	-2.87	Good
494	04/11/21 06:30:00	10.76	14.66					10.45138883	103.0368382			-0.31	-2.87	Good
495	04/11/21 07:00:00	10.77	14.64					10.46136812	103.0904316			-0.31	-2.87	Good
496	04/11/21 07:30:00	10.76	14.64					10.45192055	102.9973316			-0.31	-2.86	Good
497	04/11/21 08:00:00	10.76	14.64					10.45218642	102.9999515			-0.31	-2.86	Good
498	04/11/21 08:30:00	10.76	14.62					10.45245228	102.9578244			-0.31	-2.86	Good
499	04/11/21 09:00:00	10.75	14.60					10.44300372	102.8200526			-0.31	-2.86	Good
500	04/11/21 09:30:00	10.74	14.60					10.43355466	102.7270188			-0.31	-2.85	Good
501	04/11/21 10:00:00	10.74	14.58					10.43382003	102.6849724			-0.31	-2.85	Good
502	04/11/21 10:30:00	10.76	14.56					10.45351573	102.8340692			-0.31	-2.85	Good
503	04/11/21 11:00:00	10.78	14.56					10.47321241	103.0278308			-0.31	-2.85	Good
504	04/11/21 11:30:00	10.80	14.56					10.49291008	103.2216021			-0.31	-2.84	Good
505	04/11/21 12:00:00	10.83	14.58					10.52232464	103.5559951			-0.31	-2.84	Good
506	04/11/21 12:30:00	10.84	14.58					10.53230839	103.6542506			-0.31	-2.84	Good
507	04/11/21 13:00:00	10.84	14.60					10.53257623	103.7019684			-0.31	-2.84	Good
508	04/11/21 13:30:00	10.85	14.62					10.54256071	103.8454026			-0.31	-2.83	Good
509	04/11/21 14:00:00	10.88	14.64					10.57197948	104.1804393			-0.31	-2.83	Good
510	04/11/21 14:30:00	10.88	14.66					10.5722483	104.2283524			-0.31	-2.83	Good
511	04/11/21 15:00:00	10.91	14.68					10.60166929	104.5637983			-0.31	-2.83	Good
512	04/11/21 15:30:00	10.90	14.70					10.59222122	104.51597			-0.31	-2.82	Good
513	04/11/21 16:00:00	10.89	14.70					10.58277266	104.4227388			-0.31	-2.82	Good
514	04/11/21 16:30:00	10.88	14.68					10.57332361	104.2842261			-0.31	-2.82	Good
515	04/11/21 17:00:00	10.87	14.68					10.56387406	104.1910256			-0.31	-2.82	Good
516	04/11/21 17:30:00	10.88	14.66					10.57386126	104.2442541			-0.31	-2.81	Good
517	04/11/21 18:00:00	10.90	14.66					10.59356783	104.4385347			-0.31	-2.81	Good
518	04/11/21 18:30:00	10.94	14.66					10.63271362	104.8244602			-0.31	-2.81	Good
519	04/11/21 19:00:00	10.99	14.68					10.68158075	105.3519615			-0.31	-2.81	Good
520	04/11/21 19:30:00	11.00	14.70					10.6915719	105.4962868			-0.31	-2.80	Good
521	04/11/21 20:00:00	10.99	14.72					10.68212384	105.4488072			-0.31	-2.80	Good
522	04/11/21 20:30:00	10.96	14.72					10.65323507	105.1636311			-0.31	-2.80	Good
523	04/11/21 21:00:00	10.97	14.74					10.66322622	105.3079289			-0.31	-2.80	Good
524	04/11/21 21:30:00	10.99	14.78					10.68293847	105.5941241			-0.31	-2.79	Good
525	04/11/21 22:00:00	10.99	14.84					10.68321002	105.7341238			-0.31	-2.79	Good
526	04/11/21 22:30:00	11.01	14.88					10.70292375	106.0209683			-0.31	-2.79	Good
527	04/11/21 23:00:00	10.97	14.88					10.66431043	105.6384727			-0.31	-2.79	Good
528	04/11/21 23:30:00	10.89	14.86				11.398	10.58680878	104.8253862		11.017	-0.30	-2.78	Excellent
529	04/12/21 00:00:00	10.85	14.84	10.59	10.96	10.80979		10.54819051	104.3978055	10.515		-0.30	-2.78	Excellent
530	04/12/21 00:30:00	10.82	14.84					10.51929235	104.111794			-0.30	-2.78	Excellent
531	04/12/21 01:00:00	10.79	14.82					10.49039271	103.780818			-0.30	-2.78	Excellent
532	04/12/21 01:30:00	10.78	14.82					10.48093674	103.6872706			-0.30	-2.77	Excellent
533	04/12/21 02:00:00	10.77	14.82					10.47148027	103.5937183			-0.30	-2.77	Excellent
534	04/12/21 02:30:00	10.76	14.80					10.46202331	103.455337			-0.30	-2.77	Excellent
535	04/12/21 03:00:00	10.75	14.80					10.45256586	103.3618155			-0.30	-2.77	Excellent
536	04/12/21 03:30:00	10.76	14.80					10.46255504	103.460595			-0.30	-2.76	Excellent
537	04/12/21 04:00:00	10.75	14.82					10.45309709	103.4118546			-0.30	-2.76	Excellent
538	04/12/21 04:30:00	10.78	14.82					10.48253488	103.7030809			-0.30	-2.76	Excellent
539	04/12/21 05:00:00	10.81	14.84					10.51197415	104.0393641			-0.30	-2.76	Excellent
540	04/12/21 05:30:00	10.84	14.86					10.5414149	104.3759183			-0.30	-2.75	Excellent
541	04/12/21 06:00:00	10.83	14.86					10.53195794	104.2822801			-0.30	-2.75	Excellent
542	04/12/21 06:30:00	10.85	14.86					10.55167563	104.477515			-0.30	-2.75	Excellent
543	04/12/21 07:00:00	10.87	14.84					10.5713943	104.6274586			-0.30	-2.75	Excellent
544	04/12/21 07:30:00	10.89	14.82					10.59111396	104.7772472			-0.30	-2.74	Excellent
545	04/12/21 08:00:00	10.91	14.80					10.61083461	104.9268806			-0.30	-2.74	Excellent
546	04/12/21 08:30:00	10.93	14.78					10.63055625	105.0763588			-0.30	-2.74	Excellent
547	04/12/21 09:00:00	10.93	14.76					10.63082631	105.0334889			-0.30	-2.74	Excellent
548	04/12/21 09:30:00	10.96	14.74					10.66027596	105.2787927			-0.30	-2.73	Excellent
549	04/12/21 10:00:00	10.95	14.74					10.65081999	105.1854074			-0.30	-2.73	Excellent
550	04/12/21 10:30:00	10.93	14.72					10.6316365	104.9504204			-0.30	-2.73	Excellent
551	04/12/21 11:00:00	10.91	14.70					10.61245202	104.7155921			-0.30	-2.73	Excellent
552	04/12/21 11:30:00	10.88	14.70					10.58353904	104.4303008			-0.30	-2.72	Excellent
553	04/12/21 12:00:00	10.86	14.70					10.56435234	104.2409811			-0.30	-2.72	Excellent
554	04/12/21 12:30:00	10.85	14.70					10.55489266	104.1476402			-0.30	-2.72	Excellent
555	04/12/21 13:00:00	10.86	14.70					10.564889	104.2462765			-0.30	-2.72	Excellent
556	04/12/21 13:30:00	10.87	14.70					10.57488584	104.3449177			-0.30	-2.71	Excellent
557	04/12/21 14:00:00	10.86	14.70					10.56542567	104.2515719			-0.29	-2.71	Excellent
558	04/12/21 14:30:00	10.79	14.70					10.497591	103.5822311			-0.29	-2.71	Excellent
559	04/12/21 15:00:00	10.73	14.72					10.43948212	103.0535645			-0.29	-2.71	Excellent
560	04/12/21 15:30:00	10.65	14.72					10.36191129	102.2878224			-0.29	-2.71	Excellent
561	04/12/21 16:00:00	10.59	14.72					10.30379599	101.714136			-0.29	-2.70	Excellent
562	04/12/21 16:30:00	10.60	14.74					10.31378764	101.856942			-0.29	-2.70	Excellent
563	04/12/21 17:00:00	10.69	14.70					10.40162166	102.6352788			-0.29	-2.70	Excellent
564	04/12/21 17:30:00	10.78	14.66					10.48946014	103.4121709			-0.29	-2.70	Excellent
565	04/12/21 18:00:00	10.87	14.62					10.57730306	104.1876186			-0.29	-2.69	Excellent
566	04/12/21 18:30:00	10.88	14.56					10.58730262	104.1501671			-0.29	-2.69	Excellent
567	04/12/21 19:00:00	10.85	14.52					10.55837777	103.7752615			-0.29	-2.69	Excellent
568	04/12/21 19:30:00	10.80	14.52					10.50998851	103.2996573			-0.29	-2.69	Excellent
569	04/12/21 20:00:00	10.77	14.52					10.4810602	103.0153293			-0.29	-2.68	Excellent
570	04/12/21 20:30:00	10.73	14.50					10.44239845	102.5906544			-0.29	-2.68	Excellent
571	04/12/21 21:00:00	10.71	14.50					10.42319915	102.4020321			-0.29	-2.68	Excellent

572	04/12/21 21:30:00	10.76	14.50					10.47212607	102.8827114			-0.29	-2.68	Excellent
573	04/12/21 22:00:00	10.75	14.48					10.46265923	102.7449428			-0.29	-2.67	Excellent
574	04/12/21 22:30:00	10.79	14.46					10.50185666	103.0849417			-0.29	-2.67	Excellent
575	04/12/21 23:00:00	10.78	14.44					10.49239006	102.9471374			-0.29	-2.67	Excellent
576	04/12/21 23:30:00	10.75	14.42				11.202	10.46345607	102.6184952		10.850	-0.29	-2.67	Excellent
577	04/13/21 00:00:00	10.73	14.40	10.33	10.79	10.56792		10.4442543	102.3855099	10.264		-0.29	-2.66	Excellent
578	04/13/21 00:30:00	10.73	14.38					10.44451942	102.3434445			-0.29	-2.66	Excellent
579	04/13/21 01:00:00	10.75	14.38					10.46425292	102.5368085			-0.29	-2.66	Excellent
580	04/13/21 01:30:00	10.76	14.36					10.47425297	102.5900093			-0.29	-2.66	Excellent
581	04/13/21 02:00:00	10.78	14.36					10.4939882	102.7833059			-0.29	-2.65	Excellent
582	04/13/21 02:30:00	10.79	14.38					10.50398948	102.926178			-0.29	-2.65	Excellent
583	04/13/21 03:00:00	10.79	14.40					10.50425609	102.9737102			-0.29	-2.65	Excellent
584	04/13/21 03:30:00	10.76	14.42					10.47531642	102.7348134			-0.28	-2.65	Excellent
585	04/13/21 04:00:00	10.73	14.44					10.44637526	102.4956587			-0.28	-2.64	Excellent
586	04/13/21 04:30:00	10.74	14.44					10.4563763	102.5937849			-0.28	-2.64	Excellent
587	04/13/21 05:00:00	10.74	14.46					10.45664167	102.641117			-0.28	-2.64	Excellent
588	04/13/21 05:30:00	10.72	14.46					10.43743421	102.4525789			-0.28	-2.64	Excellent
589	04/13/21 06:00:00	10.70	14.46					10.41822577	102.2640311			-0.28	-2.63	Excellent
590	04/13/21 06:30:00	10.64	14.48					10.36006871	101.7374879			-0.28	-2.63	Excellent
591	04/13/21 07:00:00	10.56	14.48					10.28243438	100.9751067			-0.28	-2.63	Excellent
592	04/13/21 07:30:00	10.52	14.50					10.24374569	100.6390035			-0.28	-2.63	Excellent
593	04/13/21 08:00:00	10.50	14.50					10.22453033	100.4502234			-0.28	-2.62	Excellent
594	04/13/21 08:30:00	10.49	14.52					10.21505187	100.4008099			-0.27	-2.62	Excellent
595	04/13/21 09:00:00	10.46	14.54					10.18609664	100.1598041			-0.27	-2.62	Excellent
596	04/13/21 09:30:00	10.42	14.56					10.14740153	99.82274082			-0.27	-2.62	Excellent
597	04/13/21 10:00:00	10.39	14.56					10.11844308	99.53786872			-0.27	-2.61	Excellent
598	04/13/21 10:30:00	10.36	14.56					10.08948315	99.25298203			-0.27	-2.61	Excellent
599	04/13/21 11:00:00	10.35	14.54					10.08	99.1165568			-0.27	-2.61	Excellent
600	04/13/21 11:30:00	10.40	14.52					10.07938343	99.50690976			-0.32	-3.08	Good
601	04/13/21 12:00:00	10.38	14.52					10.06	99.31555031			-0.32	-3.08	Good
602	04/13/21 12:30:00	10.37	14.48					10.05010553	99.13146987			-0.32	-3.08	Good
603	04/13/21 13:00:00	10.37	14.46					10.04990278	99.08627721			-0.32	-3.09	Good
604	04/13/21 13:30:00	10.40	14.48					10.07877341	99.41424194			-0.32	-3.09	Good
605	04/13/21 14:00:00	10.42	14.48					10.09795194	99.60341364			-0.32	-3.09	Good
606	04/13/21 14:30:00	10.43	14.48					10.10743895	99.69699086			-0.32	-3.09	Good
607	04/13/21 15:00:00	10.48	14.48					10.15568773	100.1729036			-0.32	-3.09	Good
608	04/13/21 15:30:00	10.51	14.48					10.18455387	100.4576312			-0.33	-3.10	Good
609	04/13/21 16:00:00	10.56	14.50					10.23279913	100.977492			-0.33	-3.10	Good
610	04/13/21 16:30:00	10.61	14.54					10.28104244	101.5419505			-0.33	-3.10	Good
611	04/13/21 17:00:00	10.65	14.54					10.31959403	101.92271			-0.33	-3.10	Good
612	04/13/21 17:30:00	10.69	14.56					10.35814406	102.3479877			-0.33	-3.10	Good
613	04/13/21 18:00:00	10.70	14.56					10.36762442	102.4416624			-0.33	-3.11	Good
614	04/13/21 18:30:00	10.69	14.56					10.35772605	102.3438573			-0.33	-3.11	Good
615	04/13/21 19:00:00	10.70	14.54					10.36720601	102.3929554			-0.33	-3.11	Good
616	04/13/21 19:30:00	10.68	14.56					10.34761925	102.2439928			-0.33	-3.11	Good
617	04/13/21 20:00:00	10.66	14.56					10.32803326	102.0504653			-0.33	-3.11	Good
618	04/13/21 20:30:00	10.60	14.56					10.26969449	101.4740246			-0.33	-3.12	Good
619	04/13/21 21:00:00	10.53	14.56					10.20166987	100.8018788			-0.33	-3.12	Good
620	04/13/21 21:30:00	10.47	14.56					10.14333599	100.2254865			-0.33	-3.12	Good
621	04/13/21 22:00:00	10.44	14.58					10.11406787	99.97977886			-0.33	-3.12	Good
622	04/13/21 22:30:00	10.40	14.56					10.07511332	99.55138368			-0.32	-3.12	Good
623	04/13/21 23:00:00	10.38	14.54					10.05553515	99.31470068			-0.32	-3.13	Good
624	04/13/21 23:30:00	10.33	14.52				11.027	10.00689611	98.79129169		10.696	-0.32	-3.13	Good
625	04/14/21 00:00:00	10.29	14.50	10.12	10.70	10.35875		9.967946053	98.36391585	10.030		-0.32	-3.13	Good
626	04/14/21 00:30:00	10.25	14.46					9.928997558	97.89422106			-0.32	-3.13	Good
627	04/14/21 01:00:00	10.23	14.44					9.909423889	97.6586508			-0.32	-3.13	Good
628	04/14/21 01:30:00	10.21	14.38					9.889851002	97.33827777			-0.32	-3.14	Good
629	04/14/21 02:00:00	10.20	14.32					9.879965138	97.11366145			-0.32	-3.14	Good
630	04/14/21 02:30:00	10.16	14.26					9.841021531	96.60409049			-0.32	-3.14	Good
631	04/14/21 03:00:00	10.14	14.22					9.821451186	96.32764593			-0.32	-3.14	Good
632	04/14/21 03:30:00	10.13	14.18					9.811567277	96.14647326			-0.32	-3.14	Good
633	04/14/21 04:00:00	10.12	14.14					9.801683759	95.96548965			-0.32	-3.15	Good
634	04/14/21 04:30:00	10.13	14.08					9.811171157	95.93208703			-0.32	-3.15	Good
635	04/14/21 05:00:00	10.13	14.04					9.810973097	95.84597761			-0.32	-3.15	Good
636	04/14/21 05:30:00	10.13	14.02					9.810775038	95.80196301			-0.32	-3.15	Good
637	04/14/21 06:00:00	10.14	14.00					9.820261654	95.8524831			-0.32	-3.15	Good
638	04/14/21 06:30:00	10.17	13.96					9.849116841	96.04966083			-0.32	-3.16	Good
639	04/14/21 07:00:00	10.20	13.94					9.877970854	96.28869617			-0.32	-3.16	Good
640	04/14/21 07:30:00	10.20	13.94					9.877771426	96.28675218			-0.32	-3.16	Good
641	04/14/21 08:00:00	10.19	13.92					9.867888103	96.14810635			-0.32	-3.16	Good
642	04/14/21 08:30:00	10.20	13.92					9.877372569	96.24051857			-0.32	-3.16	Good
643	04/14/21 09:00:00	10.21	13.92					9.886856644	96.33292697			-0.32	-3.16	Good
644	04/14/21 09:30:00	10.22	13.92					9.896340327	96.42533157			-0.32	-3.17	Good
645	04/14/21 10:00:00	10.22	13.92					9.896140508	96.42338462			-0.32	-3.17	Good
646	04/14/21 10:30:00	10.24	13.92					9.915306522	96.61012934			-0.32	-3.17	Good
647	04/14/21 11:00:00	10.29	13.92					9.963519916	97.0798982			-0.33	-3.17	Good
648	04/14/21 11:30:00	10.32	13.92					9.992366305	97.36096398			-0.33	-3.17	Good
649	04/14/21 12:00:00	10.36	13.92					10.03089385	97.73635843			-0.33	-3.18	Good
650	04/14/21 12:30:00	10.40	13.94					10.06941983	98.15490662			-0.33	-3.18	Good
651	04/14/21 13:00:00	10.43	13.96					10.09826231	98.47935459			-0.33	-3.18	Good
652	04/14/21 13:30:00	10.46	13.98					10.12710361	98.8040425			-0.33	-3.18	Good
653	04/14/21 14:00:00	10.48	14.00					10.1462622	99.0344718			-0.33	-3.18	Good
654	04/14/21 14:30:00	10.52	14.00					10.1847827	99.41045835			-0.34	-3.19	Good
655	04/14/21 15:00:00	10.51	14.00					10.17489586	99.31395599			-0.34	-3.19	Good
656	04/14/21 15:30:00	10.54	14.02					10.20373326	99.63918981			-0.34	-3.19	Good
657	04/14/21 16:00:00	10.59	14.04					10.25193101	100.1538115			-0.34	-3.19	Good
658	04/14/21 16:30:00	10.59	14.04					10.25172396	100.1517887			-0.34	-3.19	Good
659	04/14/21 17:00:00	10.60	14.04					10.26119728	100.2443361			-0.34	-3.20	Good
660	04/14/21 17:30:00	10.59	14.04					10.25130985	100.1477432			-0.34	-3.20	Good
661	04/14/21 18:00:00	10.61	14.02					10.27046276	100.2908017			-0.34	-3.20	Good
662	04/14/21 18:30:00	10.67	14.02					10.32833405	100.8559133			-0.34	-3.20	Good
663	04/14/21 19:00:00	10.70	14.00					10.35716421	101.09302			-0.34	-3.20	Good
664	04/14/21 19:30:00	10.70	13.98					10.356955	101.0465639			-0.34	-3.21	Good
665	04/14/21 20:00:00	10.64	13.96					10.29867059	100.433758			-0.34	-3.21	Good
666	04/14/21 20:30:00	10.57	13.94					10.23070952	99.72712967			-0.34	-3.21	Good
667	04/14/21 21:00:00	10.54	13.92					10.20146642	99.39833814			-0.34	-3.21	Good
668	04/14/21 21:30:00	10.48	13.90					10.14318865	98.78702556			-0.34	-3.21	Good
669	04/14/21 22:00:00	10.44	13.86					10.10427007	98.32137134			-0.34	-3.22	Good
670	04/14/21 22:30:00	10.39	13.84					10.05567483	97.8054129			-0.33	-3.22	Good
671	04/14/21 23:00:00	10.36	13.80					10.0264376	97.43511502			-0.33	-3.22	Good
672	04/14/21 23:30:00	10.33	13.76				10.860	9.997201547	97.06534572		10.536	-0.33	-3.22	Good
673	04/15/21 00:00:00	10.33	13.74	10.32	10.67	10.49188		9.996999577	97.02056236	10.149		-0.33	-3.22	Good
674	04/15/21 00:30:00	10.32	13.70					9.987120165	96.83913491			-0.33	-3.23	Good
675	04/15/21 01:00:00	10.32	13.68					9.98691839	96.79441129			-0.33	-3.23	Good
676	04/15/21 01:30:00	10.33	13.66					9.996393667	96.84344313			-0.33	-3.23	Good
677	04/15/21 02:00:00	10.35	13.64					10.01554541	96.98610046			-0.33	-3.23	Good
678	04/15/21 02:30:00	10.38	13.64					10.04437303	97.26525434			-0.34	-3.23	Good
679	04/15/21 03:00:00	10.40	13.62					10.06352301	97.40761129			-0.34	-3.24	Good
680	04/15/21 03:30:00	10.40	13.60					10.06331967	97.36256507			-0.34	-3.24	Good
681	04/15/21 04:00:00	10.40	13.60					10.06311633	97.36059777			-0.34	-3.24	Good
682	04/15/21 04:30:00	10.39	13.60					10.05323711	97.2650164			-0.34	-3.24	Good
683	04/15/21 05:00:00	10.39	13.60					10.05303397	97.26305099			-0.34	-3.24	Good
684	04/15/21 05:30:00	10.41	13.62					10.0721818	97.49142213			-0.34	-3.25	Good
685	04/15/21 06:00:00	10.39	13.62					10.05262768	97.30215245			-0.34	-3.25	Good
686	04/15/21 06:30:00	10.40	13.64					10.06209964	97.43691097			-0.34	-3.25	Good
687	04/15/21 07:00:00	10.39	13.64					10.0522214	97.34125448			-0.34	-3.25	Good

688	04/15/21 07:30:00	10.39	13.66					10.05201825	97.38232513			-0.34	-3.25	Good
689	04/15/21 08:00:00	10.38	13.66					10.0421406	97.28663203			-0.34	-3.25	Good
690	04/15/21 08:30:00	10.38	13.68					10.04193765	97.32766459			-0.34	-3.26	Good
691	04/15/21 09:00:00	10.40	13.70					10.06108294	97.55630775			-0.34	-3.26	Good
692	04/15/21 09:30:00	10.42	13.72					10.08022745	97.78511137			-0.34	-3.26	Good
693	04/15/21 10:00:00	10.43	13.74					10.08969745	97.92019223			-0.34	-3.26	Good
694	04/15/21 10:30:00	10.44	13.74					10.09916705	98.01209445			-0.34	-3.26	Good
695	04/15/21 11:00:00	10.46	13.76					10.1183096	98.24121433			-0.34	-3.27	Good
696	04/15/21 11:30:00	10.46	13.76					10.11810509	98.23922867			-0.34	-3.27	Good
697	04/15/21 12:00:00	10.50	13.78					10.15659236	98.65642134			-0.34	-3.27	Good
698	04/15/21 12:30:00	10.51	13.82					10.16605982	98.83549738			-0.34	-3.27	Good
699	04/15/21 13:00:00	10.53	13.84					10.18519944	99.06521967			-0.34	-3.27	Good
700	04/15/21 13:30:00	10.54	13.86					10.19466591	99.20098391			-0.35	-3.28	Good
701	04/15/21 14:00:00	10.57	13.88					10.22347633	99.52514583			-0.35	-3.28	Good
702	04/15/21 14:30:00	10.57	13.88					10.22326966	99.52313398			-0.35	-3.28	Good
703	04/15/21 15:00:00	10.59	13.90					10.24240655	99.75333316			-0.35	-3.28	Good
704	04/15/21 15:30:00	10.61	13.92					10.26154264	99.98369288			-0.35	-3.28	Good
705	04/15/21 16:00:00	10.64	13.96					10.29034934	100.3526083			-0.35	-3.29	Good
706	04/15/21 16:30:00	10.66	13.98					10.30948368	100.5834148			-0.35	-3.29	Good
707	04/15/21 17:00:00	10.67	14.00					10.31894625	100.7199865			-0.35	-3.29	Good
708	04/15/21 17:30:00	10.65	13.98					10.29939604	100.4849958			-0.35	-3.29	Good
709	04/15/21 18:00:00	10.65	13.98					10.29918782	100.4829643			-0.35	-3.29	Good
710	04/15/21 18:30:00	10.65	14.00					10.29897959	100.5250982			-0.35	-3.30	Good
711	04/15/21 19:00:00	10.65	13.98					10.29877136	100.4789012			-0.35	-3.30	Good
712	04/15/21 19:30:00	10.66	13.98					10.30823315	100.5712141			-0.35	-3.30	Good
713	04/15/21 20:00:00	10.65	13.98					10.29835491	100.4748381			-0.35	-3.30	Good
714	04/15/21 20:30:00	10.65	13.96					10.29814668	100.4286488			-0.35	-3.30	Good
715	04/15/21 21:00:00	10.63	13.94					10.27859961	100.1939537			-0.35	-3.31	Good
716	04/15/21 21:30:00	10.59	13.90					10.23971485	99.72711806			-0.35	-3.31	Good
717	04/15/21 22:00:00	10.55	13.86					10.20083166	99.26098075			-0.35	-3.31	Good
718	04/15/21 22:30:00	10.51	13.82					10.16195003	98.79554158			-0.35	-3.31	Good
719	04/15/21 23:00:00	10.50	13.78					10.15207589	98.61255049			-0.35	-3.31	Good
720	04/15/21 23:30:00	10.52	13.74				10.735	10.1712075	98.71124467		10.414	-0.35	-3.32	Good
721	04/16/21 00:00:00	10.54	13.72	10.54	11.34	10.94833		10.19033832	98.85326222	10.580		-0.35	-3.32	Good
722	04/16/21 00:30:00	10.55	13.68					10.1998003	98.85768829			-0.35	-3.32	Good
723	04/16/21 01:00:00	10.56	13.66					10.20926189	98.905676			-0.35	-3.32	Good
724	04/16/21 01:30:00	10.57	13.62					10.21872309	98.90983562			-0.35	-3.32	Good
725	04/16/21 02:00:00	10.57	13.60					10.21851643	98.86409288			-0.35	-3.33	Good
726	04/16/21 02:30:00	10.60	13.56					10.24731159	99.05496707			-0.35	-3.33	Good
727	04/16/21 03:00:00	10.59	13.52					10.23743726	98.87189979			-0.35	-3.33	Good
728	04/16/21 03:30:00	10.59	13.48					10.23723021	98.78230076			-0.35	-3.33	Good
729	04/16/21 04:00:00	10.60	13.46					10.24668984	98.8297459			-0.35	-3.33	Good
730	04/16/21 04:30:00	10.62	13.44					10.26581558	98.9703029			-0.35	-3.34	Good
731	04/16/21 05:00:00	10.63	13.40					10.27527424	98.97360016			-0.35	-3.34	Good
732	04/16/21 05:30:00	10.65	13.38					10.2943986	99.11378889			-0.36	-3.34	Good
733	04/16/21 06:00:00	10.67	13.34					10.31352219	99.20971618			-0.36	-3.34	Good
734	04/16/21 06:30:00	10.69	13.32					10.33264499	99.34949366			-0.36	-3.34	Good
735	04/16/21 07:00:00	10.70	13.30					10.3421015	99.3962107			-0.36	-3.34	Good
736	04/16/21 07:30:00	10.72	13.26					10.36122294	99.49141631			-0.36	-3.35	Good
737	04/16/21 08:00:00	10.73	13.26					10.37067846	99.582211			-0.36	-3.35	Good
738	04/16/21 08:30:00	10.74	13.24					10.3801336	99.62864383			-0.36	-3.35	Good
739	04/16/21 09:00:00	10.78	13.24					10.41858255	99.99767728			-0.36	-3.35	Good
740	04/16/21 09:30:00	10.79	13.22					10.42803632	100.0438561			-0.36	-3.35	Good
741	04/16/21 10:00:00	10.84	13.22					10.47614707	100.5054181			-0.36	-3.36	Good
742	04/16/21 10:30:00	10.87	13.20					10.50492757	100.7366479			-0.37	-3.36	Good
743	04/16/21 11:00:00	10.90	13.18					10.53370689	100.9676249			-0.37	-3.36	Good
744	04/16/21 11:30:00	10.93	13.18					10.56248504	101.2434691			-0.37	-3.36	Good
745	04/16/21 12:00:00	10.97	13.20					10.60092558	101.6572177			-0.37	-3.36	Good
746	04/16/21 12:30:00	11.01	13.20					10.63936456	102.0258269			-0.37	-3.37	Good
747	04/16/21 13:00:00	11.05	13.22					10.67780197	102.4400426			-0.37	-3.37	Good
748	04/16/21 13:30:00	11.09	13.22					10.71623782	102.808786			-0.37	-3.37	Good
749	04/16/21 14:00:00	11.13	13.24					10.7546721	103.2234687			-0.38	-3.37	Good
750	04/16/21 14:30:00	11.15	13.22					10.77377966	103.3608274			-0.38	-3.37	Good
751	04/16/21 15:00:00	11.17	13.22					10.79288643	103.5441328			-0.38	-3.38	Good
752	04/16/21 15:30:00	11.21	13.22					10.8313168	103.9128237			-0.38	-3.38	Good
753	04/16/21 16:00:00	11.24	13.22					10.86008361	104.188805			-0.38	-3.38	Good
754	04/16/21 16:30:00	11.23	13.20					10.85020205	104.0476459			-0.38	-3.38	Good
755	04/16/21 17:00:00	11.23	13.18					10.84998248	103.9991878			-0.38	-3.38	Good
756	04/16/21 17:30:00	11.23	13.16					10.84976292	103.9507361			-0.38	-3.39	Good
757	04/16/21 18:00:00	11.27	13.14					10.88818821	104.272379			-0.38	-3.39	Good
758	04/16/21 18:30:00	11.32	13.16					10.93627295	104.779582			-0.38	-3.39	Good
759	04/16/21 19:00:00	11.33	13.16					10.94571245	104.8700211			-0.38	-3.39	Good
760	04/16/21 19:30:00	11.34	13.16					10.95515155	104.9604564			-0.38	-3.39	Good
761	04/16/21 20:00:00	11.34	13.14					10.95492983	104.9115402			-0.39	-3.40	Good
762	04/16/21 20:30:00	11.31	13.12					10.92572741	104.5852161			-0.38	-3.40	Good
763	04/16/21 21:00:00	11.29	13.08					10.90618619	104.3050153			-0.38	-3.40	Good
764	04/16/21 21:30:00	11.26	13.08					10.87698592	104.0257485			-0.38	-3.40	Good
765	04/16/21 22:00:00	11.25	13.06					10.86710612	103.8848609			-0.38	-3.40	Good
766	04/16/21 22:30:00	11.24	13.04					10.8572267	103.7440657			-0.38	-3.41	Good
767	04/16/21 23:00:00	11.23	13.00					10.84734768	103.5570622			-0.38	-3.41	Good
768	04/16/21 23:30:00	11.20	12.98				10.704	10.81815093	103.2321558		10.379	-0.38	-3.41	Good
769	04/17/21 00:00:00	11.18	12.96	10.86	11.40	11.11458		10.79861421	102.9996427	10.730		-0.38	-3.41	Good
770	04/17/21 00:30:00	11.18	12.94					10.79839562	102.9514791			-0.38	-3.41	Good
771	04/17/21 01:00:00	11.17	12.90					10.78851855	102.765252			-0.38	-3.42	Good
772	04/17/21 01:30:00	11.12	12.88					10.74000875	102.2573593			-0.38	-3.42	Good
773	04/17/21 02:00:00	11.07	12.86					10.69150091	101.7499035			-0.38	-3.42	Good
774	04/17/21 02:30:00	11.06	12.82					10.68162658	101.5648187			-0.38	-3.42	Good
775	04/17/21 03:00:00	11.00	12.80					10.62346417	100.966488			-0.38	-3.42	Good
776	04/17/21 03:30:00	10.97	12.80					10.5942766	100.6890864			-0.38	-3.43	Good
777	04/17/21 04:00:00	10.96	12.78					10.58440482	100.5501337			-0.38	-3.43	Good
778	04/17/21 04:30:00	10.93	12.76					10.5552192	100.2278737			-0.37	-3.43	Good
779	04/17/21 05:00:00	10.90	12.76					10.52603476	99.95075065			-0.37	-3.43	Good
780	04/17/21 05:30:00	10.86	12.74					10.48719478	99.5372357			-0.37	-3.43	Good
781	04/17/21 06:00:00	10.89	12.70					10.51595201	99.72053361			-0.37	-3.43	Good
782	04/17/21 06:30:00	10.91	12.66					10.53505175	99.81186121			-0.37	-3.44	Good
783	04/17/21 07:00:00	10.91	12.62					10.53483844	99.72006866			-0.38	-3.44	Good
784	04/17/21 07:30:00	10.90	12.62					10.52496919	99.62664893			-0.38	-3.44	Good
785	04/17/21 08:00:00	10.90	12.62					10.52475608	99.62463164			-0.38	-3.44	Good
786	04/17/21 08:30:00	10.90	12.62					10.52454296	99.62261435			-0.38	-3.44	Good
787	04/17/21 09:00:00	10.89	12.62					10.5146745	99.52920202			-0.38	-3.45	Good
788	04/17/21 09:30:00	10.91	12.60					10.53377189	99.66509836			-0.38	-3.45	Good
789	04/17/21 10:00:00	10.91	12.60					10.53355858	99.66308013			-0.38	-3.45	Good
790	04/17/21 10:30:00	10.93	12.60					10.55265479	99.84375862			-0.38	-3.45	Good
791	04/17/21 11:00:00	10.95	12.60					10.57175022	100.0244297			-0.38	-3.45	Good
792	04/17/21 11:30:00	10.98	12.62					10.60049924	100.3415969			-0.38	-3.46	Good
793	04/17/21 12:00:00	11.01	12.62					10.62924709	100.6137167			-0.38	-3.46	Good
794	04/17/21 12:30:00	11.04	12.62					10.65799376	100.8858253			-0.38	-3.46	Good
795	04/17/21 13:00:00	11.09	12.62					10.70604683	101.3406833			-0.38	-3.46	Good
796	04/17/21 13:30:00	11.13	12.64					10.74444436	101.749921			-0.39	-3.46	Good
797	04/17/21 14:00:00	11.18	12.64					10.79249371	102.2049485			-0.39	-3.47	Good
798	04/17/21 14:30:00	11.27	12.66					10.8791539	103.0719759			-0.39	-3.47	Good
799	04/17/21 15:00:00	11.30	12.70					10.90789256	103.4372224			-0.39	-3.47	Good
800	04/17/21 15:30:00	11.32	12.72					10.92697724	103.6647709			-0.39	-3.47	Good
801	04/17/21 16:00:00	11.35	12.72					10.95571375	103.9373956			-0.39	-3.47	Good
802	04/17/21 16:30:00	11.37	12.72					10.97479667	104.1184362			-0.40	-3.48	Good
803	04/17/21 17:00:00	11.36	12.72					10.96492214	104.0247561			-0.40	-3.48	Good

804	04/17/21 17:30:00	11.38	12.70					10.98400408	104.1589717			-0.40	-3.48	Good
805	04/17/21 18:00:00	11.39	12.68					10.99343341	104.2015368			-0.40	-3.48	Good
806	04/17/21 18:30:00	11.40	12.64					11.00286235	104.1971401			-0.40	-3.48	Good
807	04/17/21 19:00:00	11.39	12.62					10.99298802	104.0567947			-0.40	-3.49	Good
808	04/17/21 19:30:00	11.37	12.62					10.97346284	103.8719744			-0.40	-3.49	Good
809	04/17/21 20:00:00	11.35	12.62					10.95393844	103.6871614			-0.40	-3.49	Good
810	04/17/21 20:30:00	11.33	12.66					10.93441483	103.5955325			-0.40	-3.49	Good
811	04/17/21 21:00:00	11.31	12.68					10.91489199	103.4570799			-0.40	-3.49	Good
812	04/17/21 21:30:00	11.28	12.72					10.88571948	103.2733565			-0.39	-3.50	Good
813	04/17/21 22:00:00	11.22	12.76					10.82759735	102.8142607			-0.39	-3.50	Good
814	04/17/21 22:30:00	11.14	12.76					10.75017742	102.079114			-0.39	-3.50	Good
815	04/17/21 23:00:00	11.09	12.76					10.70171024	101.6188903			-0.39	-3.50	Good
816	04/17/21 23:30:00	11.05	12.74				10.735	10.6628947	101.2048584		10.402	-0.39	-3.50	Good
817	04/18/21 00:00:00	11.02	12.70	10.67	11.28	10.89750		10.6337302	100.8373991	10.510		-0.39	-3.51	Good
818	04/18/21 00:30:00	10.99	12.68					10.60456688	100.5156555			-0.39	-3.51	Good
819	04/18/21 01:00:00	10.94	12.68					10.55610655	100.056323			-0.38	-3.51	Good
820	04/18/21 01:30:00	10.92	12.70					10.53659486	99.91628529			-0.38	-3.51	Good
821	04/18/21 02:00:00	10.94	12.62					10.55567875	99.91733773			-0.38	-3.51	Good
822	04/18/21 02:30:00	10.92	12.58					10.53616785	99.64288732			-0.38	-3.51	Good
823	04/18/21 03:00:00	10.90	12.56					10.51665772	99.41358287			-0.38	-3.52	Good
824	04/18/21 03:30:00	10.88	12.54					10.49714838	99.18445644			-0.38	-3.52	Good
825	04/18/21 04:00:00	10.85	12.50					10.4679919	98.81981643			-0.38	-3.52	Good
826	04/18/21 04:30:00	10.83	12.44					10.44848431	98.50221993			-0.38	-3.52	Good
827	04/18/21 05:00:00	10.82	12.40					10.43862504	98.32041768			-0.38	-3.52	Good
828	04/18/21 05:30:00	10.79	12.36					10.40947149	97.95723425			-0.38	-3.53	Good
829	04/18/21 06:00:00	10.77	12.30					10.38996625	97.641081			-0.38	-3.53	Good
830	04/18/21 06:30:00	10.75	12.24					10.3704618	97.32547273			-0.38	-3.53	Good
831	04/18/21 07:00:00	10.73	12.16					10.35095813	96.96641017			-0.38	-3.53	Good
832	04/18/21 07:30:00	10.73	12.12					10.35074833	96.87646173			-0.38	-3.53	Good
833	04/18/21 08:00:00	10.70	12.10					10.32159948	96.55978584			-0.38	-3.54	Good
834	04/18/21 08:30:00	10.69	12.08					10.31174412	96.42377302			-0.38	-3.54	Good
835	04/18/21 09:00:00	10.68	12.08					10.30188914	96.33162046			-0.38	-3.54	Good
836	04/18/21 09:30:00	10.68	12.08					10.30168033	96.32966787			-0.38	-3.54	Good
837	04/18/21 10:00:00	10.67	12.08					10.29182595	96.2375208			-0.38	-3.54	Good
838	04/18/21 10:30:00	10.68	12.06					10.3012627	96.28199694			-0.38	-3.55	Good
839	04/18/21 11:00:00	10.69	12.06					10.31069907	96.3701951			-0.38	-3.55	Good
840	04/18/21 11:30:00	10.73	12.08					10.34907001	96.77280256			-0.38	-3.55	Good
841	04/18/21 12:00:00	10.74	12.12					10.35850501	96.94905929			-0.38	-3.55	Good
842	04/18/21 12:30:00	10.76	12.14					10.37758421	97.17173197			-0.38	-3.55	Good
843	04/18/21 13:00:00	10.79	12.16					10.40630703	97.48491142			-0.38	-3.56	Good
844	04/18/21 13:30:00	10.81	12.18					10.42538448	97.70794188			-0.38	-3.56	Good
845	04/18/21 14:00:00	10.82	12.20					10.43481713	97.84070588			-0.39	-3.56	Good
846	04/18/21 14:30:00	10.84	12.22					10.45389321	98.06401584			-0.39	-3.56	Good
847	04/18/21 15:00:00	10.85	12.24					10.46332488	98.19698101			-0.39	-3.56	Good
848	04/18/21 15:30:00	10.87	12.30					10.48239959	98.50973547			-0.39	-3.57	Good
849	04/18/21 16:00:00	10.89	12.32					10.50147351	98.73365552			-0.39	-3.57	Good
850	04/18/21 16:30:00	10.91	12.36					10.52054666	99.00249537			-0.39	-3.57	Good
851	04/18/21 17:00:00	10.92	12.40					10.52997618	99.1808454			-0.39	-3.57	Good
852	04/18/21 17:30:00	10.95	12.44					10.55869059	99.54118052			-0.39	-3.57	Good
853	04/18/21 18:00:00	10.97	12.48					10.57776139	99.81102591			-0.39	-3.58	Good
854	04/18/21 18:30:00	11.00	12.52					10.60647365	100.1722723			-0.39	-3.58	Good
855	04/18/21 19:00:00	11.03	12.56					10.63518474	100.5340145			-0.39	-3.58	Good
856	04/18/21 19:30:00	11.07	12.62					10.67353652	101.032949			-0.40	-3.58	Good
857	04/18/21 20:00:00	11.08	12.64					10.68296174	101.1676804			-0.40	-3.58	Good
858	04/18/21 20:30:00	11.11	12.70					10.71166951	101.5764809			-0.40	-3.59	Good
859	04/18/21 21:00:00	11.14	12.74					10.7403761	101.9402585			-0.40	-3.59	Good
860	04/18/21 21:30:00	11.20	12.80					10.79800475	102.6253395			-0.40	-3.59	Good
861	04/18/21 22:00:00	11.23	12.86					10.82670841	103.0366593			-0.40	-3.59	Good
862	04/18/21 22:30:00	11.25	12.90					10.84577021	103.3105985			-0.40	-3.59	Good
863	04/18/21 23:00:00	11.27	12.94					10.86483123	103.5848736			-0.41	-3.60	Good
864	04/18/21 23:30:00	11.28	12.94				10.741	10.87425118	103.674683		10.397	-0.41	-3.60	Good
865	04/19/21 00:00:00	11.29	12.96	11.14	11.71	11.32563		10.88367073	103.8109312	10.913		-0.41	-3.60	Good
866	04/19/21 00:30:00	11.29	12.96					10.88344999	103.8088257			-0.41	-3.60	Good
867	04/19/21 01:00:00	11.30	12.94					10.89286896	103.8521842			-0.41	-3.60	Good
868	04/19/21 01:30:00	11.30	12.94					10.89264802	103.8500778			-0.41	-3.60	Good
869	04/19/21 02:00:00	11.31	12.92					10.9020664	103.8933558			-0.41	-3.61	Good
870	04/19/21 02:30:00	11.30	12.90					10.89220615	103.7529207			-0.41	-3.61	Good
871	04/19/21 03:00:00	11.30	12.90					10.89198522	103.7508162			-0.41	-3.61	Good
872	04/19/21 03:30:00	11.30	12.88					10.89176428	103.7022482			-0.41	-3.61	Good
873	04/19/21 04:00:00	11.29	12.88					10.88190481	103.6083746			-0.41	-3.61	Good
874	04/19/21 04:30:00	11.28	12.84					10.87204573	103.4217596			-0.41	-3.62	Good
875	04/19/21 05:00:00	11.27	12.82					10.86218705	103.2816538			-0.41	-3.62	Good
876	04/19/21 05:30:00	11.27	12.80					10.8619667	103.2332404			-0.41	-3.62	Good
877	04/19/21 06:00:00	11.26	12.76					10.8521086	103.0470091			-0.41	-3.62	Good
878	04/19/21 06:30:00	11.24	12.72					10.83261333	102.7695359			-0.41	-3.62	Good
879	04/19/21 07:00:00	11.23	12.70					10.82275621	102.6298924			-0.41	-3.63	Good
880	04/19/21 07:30:00	11.20	12.64					10.79362514	102.2156632			-0.41	-3.63	Good
881	04/19/21 08:00:00	11.16	12.58					10.75485828	101.7110915			-0.41	-3.63	Good
882	04/19/21 08:30:00	11.16	12.52					10.75464009	101.5716222			-0.41	-3.63	Good
883	04/19/21 09:00:00	11.15	12.48					10.74478531	101.3870521			-0.41	-3.63	Good
884	04/19/21 09:30:00	11.14	12.44					10.73493092	101.2026716			-0.41	-3.64	Good
885	04/19/21 10:00:00	11.14	12.42					10.73471312	101.1549284			-0.41	-3.64	Good
886	04/19/21 10:30:00	11.14	12.40					10.73449531	101.1071917			-0.41	-3.64	Good
887	04/19/21 11:00:00	11.14	12.40					10.7342775	101.1051402			-0.41	-3.64	Good
888	04/19/21 11:30:00	11.14	12.40					10.7340597	101.1030886			-0.41	-3.64	Good
889	04/19/21 12:00:00	11.14	12.42					10.73384189	101.1467187			-0.41	-3.65	Good
890	04/19/21 12:30:00	11.14	12.44					10.73362408	101.1903515			-0.41	-3.65	Good
891	04/19/21 13:00:00	11.16	12.48					10.7526763	101.4615109			-0.41	-3.65	Good
892	04/19/21 13:30:00	11.20	12.52					10.79099738	101.9149967			-0.41	-3.65	Good
893	04/19/21 14:00:00	11.18	12.54					10.77150915	101.7768104			-0.41	-3.65	Good
894	04/19/21 14:30:00	11.20	12.56					10.79055942	102.0027657			-0.41	-3.66	Good
895	04/19/21 15:00:00	11.23	12.60					10.81924314	102.3660796			-0.41	-3.66	Good
896	04/19/21 15:30:00	11.26	12.62					10.84792568	102.6836719			-0.41	-3.66	Good
897	04/19/21 16:00:00	11.30	12.66					10.8862409	103.1391199			-0.41	-3.66	Good
898	04/19/21 16:30:00	11.30	12.68					10.88601996	103.1834156			-0.41	-3.66	Good
899	04/19/21 17:00:00	11.36	12.72					10.94359973	103.8224693			-0.42	-3.67	Good
900	04/19/21 17:30:00	11.42	12.76					11.00117715	104.4625007			-0.42	-3.67	Good
901	04/19/21 18:00:00	11.45	12.78					11.02985305	104.7818198			-0.42	-3.67	Good
902	04/19/21 18:30:00	11.48	12.80					11.05852777	105.1013769			-0.42	-3.67	Good
903	04/19/21 19:00:00	11.51	12.82					11.08720132	105.4211719			-0.42	-3.67	Good
904	04/19/21 19:30:00	11.53	12.84					11.10624122	105.6495749			-0.42	-3.68	Good
905	04/19/21 20:00:00	11.55	12.86					11.12528035	105.8781374			-0.42	-3.68	Good
906	04/19/21 20:30:00	11.57	12.88					11.14431869	106.1068595			-0.43	-3.68	Good
907	04/19/21 21:00:00	11.61	12.92					11.18262002	106.5669458			-0.43	-3.68	Good
908	04/19/21 21:30:00	11.65	12.98					11.22091978	107.0755758			-0.43	-3.68	Good
909	04/19/21 22:00:00	11.68	13.02					11.24958649	107.4451589			-0.43	-3.69	Good
910	04/19/21 22:30:00	11.70	13.06					11.26862073	107.7231679			-0.43	-3.69	Good
911	04/19/21 23:00:00	11.70	13.10					11.26839197	107.8172101			-0.43	-3.69	Good
912	04/19/21 23:30:00	11.71	13.14				10.815	11.27779412	108.0034989		10.454	-0.43	-3.69	Good
913	04/20/21 00:00:00	11.70	13.18	11.45	11.96	11.62813		11.26793446	108.0053386	11.233		-0.43	-3.69	Good
914	04/20/21 00:30:00	11.71	13.20					11.27733622	108.1436346			-0.43	-3.69	Good
915	04/20/21 01:00:00	11.71	13.20					11.27710727	108.1414391			-0.43	-3.70	Good
916	04/20/21 01:30:00	11.71	13.22					11.27687832	108.1874245			-0.43	-3.70	Good
917	04/20/21 02:00:00	11.70	13.22					11.26701943	108.092841			-0.43	-3.70	Good
918	04/20/21 02:30:00	11.70	13.22					11.26679068	108.0906463			-0.43	-3.70	Good
919	04/20/21 03:00:00	11.70	13.22					11.26656192	108.0884517			-0.43	-3.70	Good

920	04/20/21 03:30:00	11.70	13.22					11.26633317	108.0862571			-0.43	-3.71	Good
921	04/20/21 04:00:00	11.70	13.22					11.26610441	108.0840625			-0.43	-3.71	Good
922	04/20/21 04:30:00	11.68	13.24					11.24661775	107.9451688			-0.43	-3.71	Good
923	04/20/21 05:00:00	11.67	13.22					11.23676062	107.8025458			-0.43	-3.71	Good
924	04/20/21 05:30:00	11.66	13.22					11.22690389	107.7079829			-0.43	-3.71	Good
925	04/20/21 06:00:00	11.64	13.22					11.20741918	107.5210517			-0.43	-3.72	Good
926	04/20/21 06:30:00	11.63	13.22					11.19756343	107.4264982			-0.43	-3.72	Good
927	04/20/21 07:00:00	11.62	13.20					11.18770807	107.2841484			-0.43	-3.72	Good
928	04/20/21 07:30:00	11.61	13.20					11.17785309	107.1896445			-0.43	-3.72	Good
929	04/20/21 08:00:00	11.61	13.18					11.1776261	107.1397154			-0.43	-3.72	Good
930	04/20/21 08:30:00	11.59	13.16					11.15814432	106.9053144			-0.43	-3.73	Good
931	04/20/21 09:00:00	11.57	13.16					11.13866333	106.7186685			-0.43	-3.73	Good
932	04/20/21 09:30:00	11.55	13.14					11.11918312	106.4845366			-0.43	-3.73	Good
933	04/20/21 10:00:00	11.52	13.14					11.09007689	106.2057964			-0.43	-3.73	Good
934	04/20/21 10:30:00	11.52	13.12					11.08985165	106.1562758			-0.43	-3.73	Good
935	04/20/21 11:00:00	11.51	13.12					11.08	106.061972			-0.43	-3.74	Good
936	04/20/21 11:30:00	11.45	13.18					11.09	106.0435276			-0.36	-3.14	Good
937	04/20/21 12:00:00	11.49	13.14					11.12902508	106.3218527			-0.36	-3.14	Good
938	04/20/21 12:30:00	11.50	13.14					11.13899389	106.4170903			-0.36	-3.14	Good
939	04/20/21 13:00:00	11.52	13.16					11.15864951	106.6524136			-0.36	-3.14	Good
940	04/20/21 13:30:00	11.54	13.18					11.17830612	106.8879183			-0.36	-3.13	Good
941	04/20/21 14:00:00	11.55	13.20					11.1882769	107.030937			-0.36	-3.13	Good
942	04/20/21 14:30:00	11.55	13.22					11.1885611	107.0813389			-0.36	-3.13	Good
943	04/20/21 15:00:00	11.54	13.24					11.17915798	107.038993			-0.36	-3.13	Good
944	04/20/21 15:30:00	11.53	13.26					11.16975438	106.9965669			-0.36	-3.12	Good
945	04/20/21 16:00:00	11.52	13.28					11.16035028	106.9540604			-0.36	-3.12	Good
946	04/20/21 16:30:00	11.51	13.32					11.1509457	106.9590191			-0.36	-3.12	Good
947	04/20/21 17:00:00	11.50	13.34					11.14154062	106.9163163			-0.36	-3.12	Good
948	04/20/21 17:30:00	11.53	13.38					11.17088921	107.2932349			-0.36	-3.11	Good
949	04/20/21 18:00:00	11.54	13.40					11.18086171	107.4367092			-0.36	-3.11	Good
950	04/20/21 18:30:00	11.56	13.44					11.20052373	107.7212053			-0.36	-3.11	Good
951	04/20/21 19:00:00	11.59	13.48					11.22987602	108.0993341			-0.36	-3.11	Good
952	04/20/21 19:30:00	11.61	13.52					11.24954026	108.3846417			-0.36	-3.10	Good
953	04/20/21 20:00:00	11.63	13.56					11.26920548	108.6703127			-0.36	-3.10	Good
954	04/20/21 20:30:00	11.67	13.60					11.30825172	109.1433967			-0.36	-3.10	Good
955	04/20/21 21:00:00	11.71	13.64					11.34729993	109.6171848			-0.36	-3.10	Good
956	04/20/21 21:30:00	11.76	13.68					11.39604062	110.1853722			-0.36	-3.09	Good
957	04/20/21 22:00:00	11.84	13.72					11.47385605	111.0357752			-0.37	-3.09	Good
958	04/20/21 22:30:00	11.90	13.76					11.5322934	111.6998336			-0.37	-3.09	Good
959	04/20/21 23:00:00	11.94	13.78					11.57135121	112.1275865			-0.37	-3.09	Good
960	04/20/21 23:30:00	11.96	13.80				10.966	11.59102799	112.3677909		10.592	-0.37	-3.09	Good
961	04/21/21 00:00:00	11.97	13.82	11.32	11.98	11.53125		11.60101402	112.5141808	11.182		-0.37	-3.08	Good
962	04/21/21 00:30:00	11.98	13.82					11.61100055	112.6110366			-0.37	-3.08	Good
963	04/21/21 01:00:00	11.98	13.84					11.61129533	112.6635258			-0.37	-3.08	Good
964	04/21/21 01:30:00	11.96	13.86					11.59220515	112.5278484			-0.37	-3.08	Good
965	04/21/21 02:00:00	11.94	13.86					11.57311399	112.3425267			-0.37	-3.07	Good
966	04/21/21 02:30:00	11.91	13.86					11.54432887	112.0631038			-0.37	-3.07	Good
967	04/21/21 03:00:00	11.87	13.86					11.50584906	111.6895726			-0.36	-3.07	Good
968	04/21/21 03:30:00	11.84	13.86					11.47706074	111.4101187			-0.36	-3.07	Good
969	04/21/21 04:00:00	11.80	13.86					11.43857724	111.0365517			-0.36	-3.06	Good
970	04/21/21 04:30:00	11.76	13.86					11.40009177	110.6629655			-0.36	-3.06	Good
971	04/21/21 05:00:00	11.73	13.84					11.37129853	110.3348549			-0.36	-3.06	Good
972	04/21/21 05:30:00	11.70	13.84					11.34250382	110.055462			-0.36	-3.06	Good
973	04/21/21 06:00:00	11.68	13.84					11.32340232	109.8701216			-0.36	-3.05	Good
974	04/21/21 06:30:00	11.64	13.82					11.28490996	109.448398			-0.36	-3.05	Good
975	04/21/21 07:00:00	11.61	13.80					11.25611082	109.1209776			-0.35	-3.05	Good
976	04/21/21 07:30:00	11.58	13.80					11.2273102	108.8417736			-0.35	-3.05	Good
977	04/21/21 08:00:00	11.56	13.78					11.20820378	108.6086505			-0.35	-3.04	Good
978	04/21/21 08:30:00	11.56	13.78					11.20848823	108.6114068			-0.35	-3.04	Good
979	04/21/21 09:00:00	11.54	13.78					11.18938033	108.4262493			-0.35	-3.04	Good
980	04/21/21 09:30:00	11.50	13.76					11.15087862	108.0055149			-0.35	-3.04	Good
981	04/21/21 10:00:00	11.47	13.76					11.12207161	107.726495			-0.35	-3.03	Good
982	04/21/21 10:30:00	11.45	13.76					11.10296002	107.5413835			-0.35	-3.03	Good
983	04/21/21 11:00:00	11.43	13.74					11.08384745	107.3089044			-0.35	-3.03	Good
984	04/21/21 11:30:00	11.41	13.74					11.0647339	107.1238554			-0.35	-3.03	Good
985	04/21/21 12:00:00	11.38	13.74					11.03592172	106.8449086			-0.34	-3.02	Good
986	04/21/21 12:30:00	11.38	13.72					11.03620173	106.8004696			-0.34	-3.02	Good
987	04/21/21 13:00:00	11.37	13.72					11.02678361	106.7093278			-0.34	-3.02	Good
988	04/21/21 13:30:00	11.34	13.72					10.99796823	106.4304731			-0.34	-3.02	Good
989	04/21/21 14:00:00	11.33	13.70					10.98854863	106.292375			-0.34	-3.01	Good
990	04/21/21 14:30:00	11.33	13.72					10.98882742	106.3420149			-0.34	-3.01	Good
991	04/21/21 15:00:00	11.34	13.72					10.99880533	106.438574			-0.34	-3.01	Good
992	04/21/21 15:30:00	11.35	13.74					11.00878373	106.5821706			-0.34	-3.01	Good
993	04/21/21 16:00:00	11.38	13.76					11.03816185	106.9137594			-0.34	-3.00	Good
994	04/21/21 16:30:00	11.39	13.78					11.04814173	107.0576327			-0.34	-3.00	Good
995	04/21/21 17:00:00	11.38	13.78					11.03872189	106.9663534			-0.34	-3.00	Good
996	04/21/21 17:30:00	11.34	13.74					11.00020049	106.4990715			-0.34	-3.00	Good
997	04/21/21 18:00:00	11.32	13.70					10.98107833	106.2201146			-0.34	-2.99	Good
998	04/21/21 18:30:00	11.34	13.68					11.00075856	106.363492			-0.34	-2.99	Good
999	04/21/21 19:00:00	11.35	13.68					11.01073868	106.4599873			-0.34	-2.99	Good
1000	04/21/21 19:30:00	11.36	13.70					11.0207193	106.6035623			-0.34	-2.99	Good
1001	04/21/21 20:00:00	11.37	13.72					11.03070041	106.7472317			-0.34	-2.98	Good
1002	04/21/21 20:30:00	11.38	13.74					11.04068201	106.8909957			-0.34	-2.98	Good
1003	04/21/21 21:00:00	11.38	13.76					11.04096202	106.9408814			-0.34	-2.98	Good
1004	04/21/21 21:30:00	11.36	13.76					11.0218374	106.7556435			-0.34	-2.98	Good
1005	04/21/21 22:00:00	11.36	13.78					11.02211692	106.8054496			-0.34	-2.97	Good
1006	04/21/21 22:30:00	11.36	13.78					11.02239645	106.8081582			-0.34	-2.97	Good
1007	04/21/21 23:00:00	11.37	13.78					11.03237903	106.9048905			-0.34	-2.97	Good
1008	04/21/21 23:30:00	11.37	13.80				11.134	11.0326588	106.9547496		10.757	-0.34	-2.97	Good
1009	04/22/21 00:00:00	11.40	13.80	11.03	11.40	11.21729		11.06204923	107.2396715	10.891		-0.34	-2.96	Good
1010	04/22/21 00:30:00	11.39	13.78					11.05262594	107.1010852			-0.34	-2.96	Good
1011	04/22/21 01:00:00	11.38	13.76					11.04320216	106.962579			-0.34	-2.96	Good
1012	04/22/21 01:30:00	11.37	13.74					11.03377789	106.824153			-0.34	-2.96	Good
1013	04/22/21 02:00:00	11.36	13.72					11.02435312	106.6858073			-0.34	-2.95	Good
1014	04/22/21 02:30:00	11.35	13.70					11.01492787	106.5475417			-0.34	-2.95	Good
1015	04/22/21 03:00:00	11.34	13.68					11.00550212	106.4093563			-0.33	-2.95	Good
1016	04/22/21 03:30:00	11.35	13.66					11.01548642	106.4588437			-0.33	-2.95	Good
1017	04/22/21 04:00:00	11.34	13.64					11.00606018	106.3207406			-0.33	-2.94	Good
1018	04/22/21 04:30:00	11.33	13.64					10.99663345	106.2296764			-0.33	-2.94	Good
1019	04/22/21 05:00:00	11.31	13.62					10.97750021	105.9979684			-0.33	-2.94	Good
1020	04/22/21 05:30:00	11.30	13.60					10.96807225	105.8601002			-0.33	-2.94	Good
1021	04/22/21 06:00:00	11.28	13.58					10.94893729	105.6286697			-0.33	-2.93	Good
1022	04/22/21 06:30:00	11.26	13.56					10.92980134	105.3973975			-0.33	-2.93	Good
1023	04/22/21 07:00:00	11.23	13.54					10.90095742	105.0727193			-0.33	-2.93	Good
1024	04/22/21 07:30:00	11.18	13.52					10.85269753	104.561227			-0.33	-2.93	Good
1025	04/22/21 08:00:00	11.16	13.50					10.83355765	104.330586			-0.33	-2.93	Good
1026	04/22/21 08:30:00	11.14	13.48					10.81441678	104.1001032			-0.33	-2.92	Good
1027	04/22/21 09:00:00	11.13	13.46					10.80498291	103.9631867			-0.33	-2.92	Good
1028	04/22/21 09:30:00	11.12	13.44					10.79554855	103.8263504			-0.32	-2.92	Good
1029	04/22/21 10:00:00	11.11	13.40					10.7861137	103.6435823			-0.32	-2.92	Good
1030	04/22/21 10:30:00	11.08	13.38					10.75726091	103.3204519			-0.32	-2.91	Good
1031	04/22/21 11:00:00	11.05	13.36					10.72840665	102.9975579			-0.32	-2.91	Good
1032	04/22/21 11:30:00	11.03	13.32					10.70926013	102.7224048			-0.32	-2.91	Good
1033	04/22/21 12:00:00	11.04	13.32					10.71924099	102.8181405			-0.32	-2.91	Good
1034	04/22/21 12:30:00	11.07	13.28					10.74864175	103.0084943			-0.32	-2.90	Good
1035	04/22/21 13:00:00	11.08	13.26					10.75862409	103.058295			-0.32	-2.90	Good

1036	04/22/21 13:30:00	11.10	13.24					10.77831711	103.2009935			-0.32	-2.90	Good
1037	04/22/21 14:00:00	11.09	13.20					10.7688798	103.0188389			-0.32	-2.90	Good
1038	04/22/21 14:30:00	11.11	13.16					10.78857406	103.1152973			-0.32	-2.89	Good
1039	04/22/21 15:00:00	11.13	13.14					10.8082693	103.2574918			-0.32	-2.89	Good
1040	04/22/21 15:30:00	11.15	13.10					10.82796552	103.3534082			-0.32	-2.89	Good
1041	04/22/21 16:00:00	11.16	13.06					10.83795131	103.3564029			-0.32	-2.89	Good
1042	04/22/21 16:30:00	11.18	13.00					10.85764925	103.4055546			-0.32	-2.88	Good
1043	04/22/21 17:00:00	11.20	12.96					10.87734819	103.5005514			-0.32	-2.88	Good
1044	04/22/21 17:30:00	11.20	12.90					10.87762378	103.3642876			-0.32	-2.88	Good
1045	04/22/21 18:00:00	11.21	12.84					10.88761177	103.3202252			-0.32	-2.88	Good
1046	04/22/21 18:30:00	11.22	12.78					10.89760026	103.2759532			-0.32	-2.87	Good
1047	04/22/21 19:00:00	11.23	12.74					10.90758925	103.2778493			-0.32	-2.87	Good
1048	04/22/21 19:30:00	11.25	12.68					10.92729187	103.3250319			-0.32	-2.87	Good
1049	04/22/21 20:00:00	11.24	12.64					10.91785529	103.142992			-0.32	-2.87	Good
1050	04/22/21 20:30:00	11.25	12.62					10.92784551	103.1909304			-0.32	-2.86	Good
1051	04/22/21 21:00:00	11.27	12.62					10.9475501	103.3769996			-0.32	-2.86	Good
1052	04/22/21 21:30:00	11.27	12.64					10.94782741	103.4261441			-0.32	-2.86	Good
1053	04/22/21 22:00:00	11.27	12.64					10.94810472	103.4287639			-0.32	-2.86	Good
1054	04/22/21 22:30:00	11.25	12.66					10.92895278	103.2942822			-0.32	-2.85	Good
1055	04/22/21 23:00:00	11.23	12.66					10.90979986	103.1132596			-0.32	-2.85	Good
1056	04/22/21 23:30:00	11.24	12.64				11.238	10.9197913	103.1612818		10.863	-0.32	-2.85	Good
1057	04/23/21 00:00:00	11.25	12.64	11.17	11.83	11.34917		10.92978323	103.2556774	11.033		-0.32	-2.85	Good
1058	04/23/21 00:30:00	11.24	12.66					10.92034444	103.2129211			-0.32	-2.84	Good
1059	04/23/21 01:00:00	11.22	12.64					10.90118931	102.9855453			-0.32	-2.84	Good
1060	04/23/21 01:30:00	11.22	12.64					10.90146539	102.9881535			-0.32	-2.84	Good
1061	04/23/21 02:00:00	11.22	12.62					10.90174147	102.9444317			-0.32	-2.84	Good
1062	04/23/21 02:30:00	11.21	12.62					10.89230095	102.8552855			-0.32	-2.83	Good
1063	04/23/21 03:00:00	11.21	12.62					10.89257679	102.8578902			-0.32	-2.83	Good
1064	04/23/21 03:30:00	11.18	12.64					10.86370137	102.6313898			-0.32	-2.83	Good
1065	04/23/21 04:00:00	11.22	12.64					10.90284579	103.0011944			-0.32	-2.83	Good
1066	04/23/21 04:30:00	11.22	12.64					10.90312187	103.0038026			-0.32	-2.82	Good
1067	04/23/21 05:00:00	11.23	12.64					10.91311577	103.0982168			-0.32	-2.82	Good
1068	04/23/21 05:30:00	11.23	12.62					10.9133921	103.0544478			-0.32	-2.82	Good
1069	04/23/21 06:00:00	11.21	12.60					10.89423179	102.8272248			-0.32	-2.82	Good
1070	04/23/21 06:30:00	11.20	12.58					10.88478907	102.691849			-0.32	-2.81	Good
1071	04/23/21 07:00:00	11.17	12.54					10.85590823	102.3271361			-0.31	-2.81	Good
1072	04/23/21 07:30:00	11.17	12.50					10.85618308	102.2375041			-0.31	-2.81	Good
1073	04/23/21 08:00:00	11.18	12.44					10.86617723	102.1931964			-0.31	-2.81	Good
1074	04/23/21 08:30:00	11.21	12.42					10.89561096	102.4237539			-0.31	-2.80	Good
1075	04/23/21 09:00:00	11.22	12.40					10.90560659	102.4714214			-0.31	-2.80	Good
1076	04/23/21 09:30:00	11.24	12.38					10.92532275	102.6103035			-0.31	-2.80	Good
1077	04/23/21 10:00:00	11.27	12.40					10.95476017	102.933279			-0.32	-2.80	Good
1078	04/23/21 10:30:00	11.26	12.36					10.94531695	102.7516332			-0.31	-2.79	Good
1079	04/23/21 11:00:00	11.25	12.34					10.93587324	102.6165676			-0.31	-2.79	Good
1080	04/23/21 11:30:00	11.23	12.32					10.91670801	102.3904064			-0.31	-2.79	Good
1081	04/23/21 12:00:00	11.22	12.30					10.90726307	102.2555401			-0.31	-2.79	Good
1082	04/23/21 12:30:00	11.21	12.28					10.89781764	102.120754			-0.31	-2.78	Good
1083	04/23/21 13:00:00	11.23	12.24					10.91753699	102.2129153			-0.31	-2.78	Good
1084	04/23/21 13:30:00	11.26	12.22					10.94697934	102.4421326			-0.31	-2.78	Good
1085	04/23/21 14:00:00	11.31	12.22					10.99586766	102.8996309			-0.31	-2.78	Good
1086	04/23/21 14:30:00	11.36	12.22					11.04475845	103.3571522			-0.32	-2.78	Good
1087	04/23/21 15:00:00	11.40	12.24					11.08392896	103.7707216			-0.32	-2.77	Good
1088	04/23/21 15:30:00	11.46	12.24					11.14254741	104.3195233			-0.32	-2.77	Good
1089	04/23/21 16:00:00	11.47	12.26					11.15255263	104.4605014			-0.32	-2.77	Good
1090	04/23/21 16:30:00	11.48	12.28					11.16255835	104.6015737			-0.32	-2.77	Good
1091	04/23/21 17:00:00	11.50	12.28					11.18228828	104.7864581			-0.32	-2.76	Good
1092	04/23/21 17:30:00	11.51	12.28					11.19229523	104.8802307			-0.32	-2.76	Good
1093	04/23/21 18:00:00	11.46	12.28					11.14395734	104.4272683			-0.32	-2.76	Good
1094	04/23/21 18:30:00	11.48	12.26					11.16368826	104.5648033			-0.32	-2.76	Good
1095	04/23/21 19:00:00	11.51	12.24					11.19314488	104.7932304			-0.32	-2.75	Good
1096	04/23/21 19:30:00	11.53	12.22					11.21287801	104.9304197			-0.32	-2.75	Good
1097	04/23/21 20:00:00	11.51	12.24					11.19371131	104.7985335			-0.32	-2.75	Good
1098	04/23/21 20:30:00	11.51	12.26					11.19399452	104.8486673			-0.32	-2.75	Good
1099	04/23/21 21:00:00	11.52	12.30					11.20400344	105.0374797			-0.32	-2.74	Good
1100	04/23/21 21:30:00	11.57	12.30					11.25291662	105.4960405			-0.32	-2.74	Good
1101	04/23/21 22:00:00	11.65	12.24					11.33101083	106.0839684			-0.32	-2.74	Good
1102	04/23/21 22:30:00	11.72	12.18					11.39938254	106.5790514			-0.32	-2.74	Good
1103	04/23/21 23:00:00	11.80	12.10					11.47748437	107.1146365			-0.32	-2.73	Good
1104	04/23/21 23:30:00	11.83	12.06				11.295	11.50695551	107.2921423		10.927	-0.32	-2.73	Good
1105	04/24/21 00:00:00	11.83	12.04	11.70	12.43	12.02542		11.5072466	107.2460946	11.704		-0.32	-2.73	Good
1106	04/24/21 00:30:00	11.80	12.02					11.47835543	106.9281979			-0.32	-2.73	Good
1107	04/24/21 01:00:00	11.81	12.00					11.48837345	106.9728501			-0.32	-2.72	Good
1108	04/24/21 01:30:00	11.75	11.98					11.43029657	106.3836519			-0.32	-2.72	Good
1109	04/24/21 02:00:00	11.82	11.96					11.4986828	106.9714279			-0.32	-2.72	Good
1110	04/24/21 02:30:00	11.80	11.94					11.47951683	106.7445085			-0.32	-2.72	Good
1111	04/24/21 03:00:00	11.78	11.92					11.46034989	106.5177473			-0.32	-2.71	Good
1112	04/24/21 03:30:00	11.77	11.92					11.45091085	106.4300166			-0.32	-2.71	Good
1113	04/24/21 04:00:00	11.72	11.92					11.40255475	105.9805728			-0.32	-2.71	Good
1114	04/24/21 04:30:00	11.71	11.92					11.39311375	105.8928238			-0.32	-2.71	Good
1115	04/24/21 05:00:00	11.70	11.92					11.38367225	105.8050702			-0.32	-2.70	Good
1116	04/24/21 05:30:00	11.70	11.92					11.38396014	105.807746			-0.32	-2.70	Good
1117	04/24/21 06:00:00	11.73	11.90					11.41343841	106.0334005			-0.32	-2.70	Good
1118	04/24/21 06:30:00	11.74	11.90					11.42345741	106.1264793			-0.32	-2.70	Good
1119	04/24/21 07:00:00	11.76	11.88					11.44320753	106.2615111			-0.32	-2.69	Good
1120	04/24/21 07:30:00	11.80	11.86					11.48242035	106.5770287			-0.32	-2.69	Good
1121	04/24/21 08:00:00	11.78	11.86					11.46324848	106.3990801			-0.32	-2.69	Good
1122	04/24/21 08:30:00	11.85	11.82					11.53165784	106.9364127			-0.32	-2.69	Good
1123	04/24/21 09:00:00	11.85	11.84					11.53194942	106.9879286			-0.32	-2.68	Good
1124	04/24/21 09:30:00	11.90	11.84					11.58090025	107.442071			-0.32	-2.68	Good
1125	04/24/21 10:00:00	11.91	11.82					11.59092516	107.4860157			-0.32	-2.68	Good
1126	04/24/21 10:30:00	11.91	11.80					11.59121821	107.4396755			-0.32	-2.68	Good
1127	04/24/21 11:00:00	11.93	11.76					11.61097645	107.5245479			-0.32	-2.67	Good
1128	04/24/21 11:30:00	11.92	11.72					11.60153716	107.3389668			-0.32	-2.67	Good
1129	04/24/21 12:00:00	11.92	11.66					11.60183047	107.194463			-0.32	-2.67	Good
1130	04/24/21 12:30:00	11.98	11.60					11.66052372	107.5888395			-0.32	-2.67	Good
1131	04/24/21 13:00:00	12.01	11.58					11.69001922	107.8115673			-0.32	-2.66	Good
1132	04/24/21 13:30:00	12.07	11.58					11.74871764	108.3529153			-0.32	-2.66	Good
1133	04/24/21 14:00:00	12.10	11.58					11.77821683	108.6249725			-0.32	-2.66	Good
1134	04/24/21 14:30:00	12.14	11.58					11.8174518	108.9868182			-0.32	-2.66	Good
1135	04/24/21 15:00:00	12.17	11.60					11.84695419	109.3089884			-0.32	-2.65	Good
1136	04/24/21 15:30:00	12.22	11.58					11.89592765	109.7105642			-0.32	-2.65	Good
1137	04/24/21 16:00:00	12.28	11.56					11.95463862	110.2014945			-0.33	-2.65	Good
1138	04/24/21 16:30:00	12.31	11.54					11.98414667	110.4228557			-0.33	-2.65	Good
1139	04/24/21 17:00:00	12.34	11.52					12.01365619	110.6439862			-0.33	-2.64	Good
1140	04/24/21 17:30:00	12.35	11.50					12.02369561	110.6856382			-0.33	-2.64	Good
1141	04/24/21 18:00:00	12.34	11.46					12.01426347	110.4972858			-0.33	-2.64	Good
1142	04/24/21 18:30:00	12.30	11.40					11.97562199	109.9901372			-0.32	-2.64	Good
1143	04/24/21 19:00:00	12.30	11.36					11.97592465	109.89177			-0.32	-2.63	Good
1144	04/24/21 19:30:00	12.29	11.32					11.96649053	109.7041558			-0.32	-2.63	Good
1145	04/24/21 20:00:00	12.27	11.30					11.94731891	109.4779636			-0.32	-2.63	Good
1146	04/24/21 20:30:00	12.28	11.30					11.95735809	109.5699565			-0.32	-2.63	Good
1147	04/24/21 21:00:00	12.30	11.28					11.97713527	109.7006278			-0.32	-2.62	Good
1148	04/24/21 21:30:00	12.36	11.26					12.03586445	110.1877411			-0.32	-2.62	Good
1149	04/24/21 22:00:00	12.38	11.24					12.05564458	110.3179517			-0.32	-2.62	Good
1150	04/24/21 22:30:00	12.39	11.20					12.06568745	110.3080317			-0.32	-2.62	Good
1151	04/24/21 23:00:00	12.42	11.16					12.0952078	110.4758681			-0.32	-2.62	Good

1152	04/24/21 23:30:00	12.43	11.14				11.425	12.10525214	110.5165538		11.067	-0.32	-2.61	Good
1153	04/25/21 00:00:00	12.44	11.14	12.44	12.72	12.55042		12.11529698	110.6082595	12.230		-0.32	-2.61	Good
1154	04/25/21 00:30:00	12.45	11.12					12.12534231	110.6488325			-0.32	-2.61	Good
1155	04/25/21 01:00:00	12.45	11.14					12.12564866	110.7027665			-0.32	-2.61	Good
1156	04/25/21 01:30:00	12.47	11.14					12.14543445	110.8834036			-0.32	-2.60	Good
1157	04/25/21 02:00:00	12.49	11.16					12.16522122	111.1153605			-0.32	-2.60	Good
1158	04/25/21 02:30:00	12.48	11.16					12.15578834	111.0292019			-0.32	-2.60	Good
1159	04/25/21 03:00:00	12.49	11.16					12.16583588	111.1209747			-0.32	-2.60	Good
1160	04/25/21 03:30:00	12.49	11.18					12.16614321	111.175102			-0.32	-2.59	Good
1161	04/25/21 04:00:00	12.49	11.18					12.16645054	111.1779104			-0.32	-2.59	Good
1162	04/25/21 04:30:00	12.49	11.16					12.16675787	111.1293961			-0.32	-2.59	Good
1163	04/25/21 05:00:00	12.47	11.16					12.14758231	110.9542493			-0.32	-2.59	Good
1164	04/25/21 05:30:00	12.48	11.14					12.15763084	110.9947523			-0.32	-2.58	Good
1165	04/25/21 06:00:00	12.47	11.14					12.14819599	110.9086155			-0.32	-2.58	Good
1166	04/25/21 06:30:00	12.45	11.14					12.12901846	110.7335316			-0.32	-2.58	Good
1167	04/25/21 07:00:00	12.44	11.12					12.11958238	110.5962706			-0.32	-2.58	Good
1168	04/25/21 07:30:00	12.44	11.10					12.11988847	110.5479551			-0.32	-2.57	Good
1169	04/25/21 08:00:00	12.45	11.10					12.1299375	110.6396142			-0.32	-2.57	Good
1170	04/25/21 08:30:00	12.47	11.08					12.14973018	110.7689181			-0.32	-2.57	Good
1171	04/25/21 09:00:00	12.50	11.08					12.17926726	111.0382072			-0.32	-2.57	Good
1172	04/25/21 09:30:00	12.52	11.08					12.19906215	111.218677			-0.32	-2.56	Good
1173	04/25/21 10:00:00	12.55	11.08					12.22860194	111.4879908			-0.32	-2.56	Good
1174	04/25/21 10:30:00	12.56	11.10					12.2386549	111.6312477			-0.32	-2.56	Good
1175	04/25/21 11:00:00	12.56	11.12					12.23896395	111.6856775			-0.32	-2.56	Good
1176	04/25/21 11:30:00	12.59	11.14					12.26850693	112.0070107			-0.32	-2.55	Good
1177	04/25/21 12:00:00	12.58	11.16					12.25907183	111.9725783			-0.32	-2.55	Good
1178	04/25/21 12:30:00	12.58	11.18					12.25938138	112.0271191			-0.32	-2.55	Good
1179	04/25/21 13:00:00	12.57	11.20					12.24994554	111.9925729			-0.32	-2.55	Good
1180	04/25/21 13:30:00	12.56	11.20					12.24050921	111.9063032			-0.32	-2.54	Good
1181	04/25/21 14:00:00	12.56	11.22					12.24081826	111.9607747			-0.32	-2.54	Good
1182	04/25/21 14:30:00	12.55	11.24					12.23138119	111.9260701			-0.32	-2.54	Good
1183	04/25/21 15:00:00	12.55	11.26					12.23169	111.9805143			-0.32	-2.54	Good
1184	04/25/21 15:30:00	12.55	11.28					12.23199881	112.0349665			-0.32	-2.53	Good
1185	04/25/21 16:00:00	12.58	11.32					12.26154819	112.4091303			-0.32	-2.53	Good
1186	04/25/21 16:30:00	12.63	11.36					12.31059326	112.9627083			-0.32	-2.53	Good
1187	04/25/21 17:00:00	12.65	11.40					12.33039873	113.2485853			-0.32	-2.53	Good
1188	04/25/21 17:30:00	12.68	11.46					12.35995279	113.6766511			-0.32	-2.52	Good
1189	04/25/21 18:00:00	12.71	11.52					12.38950833	114.1055285			-0.32	-2.52	Good
1190	04/25/21 18:30:00	12.72	11.58					12.39956916	114.3554137			-0.32	-2.52	Good
1191	04/25/21 19:00:00	12.71	11.62					12.39013381	114.373161			-0.32	-2.52	Good
1192	04/25/21 19:30:00	12.68	11.64					12.36120081	114.1583491			-0.32	-2.51	Good
1193	04/25/21 20:00:00	12.63	11.64					12.31276868	113.7110679			-0.32	-2.51	Good
1194	04/25/21 20:30:00	12.62	11.66					12.30333038	113.6759322			-0.32	-2.51	Good
1195	04/25/21 21:00:00	12.62	11.68					12.30364091	113.7308369			-0.32	-2.51	Good
1196	04/25/21 21:30:00	12.61	11.70					12.29420187	113.6955866			-0.32	-2.50	Good
1197	04/25/21 22:00:00	12.61	11.74					12.29451216	113.8024768			-0.32	-2.50	Good
1198	04/25/21 22:30:00	12.60	11.76					12.28507238	113.7670772			-0.31	-2.50	Good
1199	04/25/21 23:00:00	12.59	11.78					12.27563212	113.7315986			-0.31	-2.50	Good
1200	04/25/21 23:30:00	12.59	11.82				11.661	12.27594191	113.838375		11.312	-0.31	-2.49	Good
1201	04/26/21 00:00:00	12.59	11.82	12.28	12.59	12.37521		12.2762517	113.8412478	12.074		-0.31	-2.49	Good
1202	04/26/21 00:30:00	12.54	11.82					12.22780628	113.3919993			-0.31	-2.49	Good
1203	04/26/21 01:00:00	12.53	11.82					12.21836355	113.3044342			-0.31	-2.49	Good
1204	04/26/21 01:30:00	12.51	11.82					12.1991688	113.1264357			-0.31	-2.48	Good
1205	04/26/21 02:00:00	12.50	11.84					12.18972484	113.0904553			-0.31	-2.48	Good
1206	04/26/21 02:30:00	12.48	11.84					12.17052836	112.9123595			-0.31	-2.48	Good
1207	04/26/21 03:00:00	12.47	11.82					12.16108318	112.7732566			-0.31	-2.48	Good
1208	04/26/21 03:30:00	12.45	11.82					12.14188498	112.5952262			-0.31	-2.47	Good
1209	04/26/21 04:00:00	12.43	11.82					12.1226858	112.4171866			-0.31	-2.47	Good
1210	04/26/21 04:30:00	12.42	11.80					12.11323864	112.2783132			-0.31	-2.47	Good
1211	04/26/21 05:00:00	12.41	11.80					12.10379099	112.1907424			-0.31	-2.47	Good
1212	04/26/21 05:30:00	12.39	11.80					12.08458935	112.0127612			-0.31	-2.46	Good
1213	04/26/21 06:00:00	12.38	11.78					12.07514047	111.8740783			-0.30	-2.46	Excellent
1214	04/26/21 06:30:00	12.38	11.78					12.07544509	111.8769006			-0.30	-2.46	Excellent
1215	04/26/21 07:00:00	12.38	11.78					12.07574971	111.8797229			-0.30	-2.46	Excellent
1216	04/26/21 07:30:00	12.37	11.76					12.06629985	111.7411135			-0.30	-2.46	Excellent
1217	04/26/21 08:00:00	12.36	11.76					12.0568495	111.6535976			-0.30	-2.45	Excellent
1218	04/26/21 08:30:00	12.36	11.74					12.05715363	111.6053999			-0.30	-2.45	Excellent
1219	04/26/21 09:00:00	12.35	11.74					12.04770253	111.5179171			-0.30	-2.45	Excellent
1220	04/26/21 09:30:00	12.35	11.76					12.04800642	111.5717054			-0.30	-2.45	Excellent
1221	04/26/21 10:00:00	12.35	11.76					12.0483103	111.5745196			-0.30	-2.44	Excellent
1222	04/26/21 10:30:00	12.35	11.78					12.04861419	111.6283169			-0.30	-2.44	Excellent
1223	04/26/21 11:00:00	12.33	11.78					12.02940566	111.4503532			-0.30	-2.44	Excellent
1224	04/26/21 11:30:00	12.30	11.80					12.00043968	111.2327731			-0.30	-2.44	Excellent
1225	04/26/21 12:00:00	12.28	11.80					11.98122894	111.0547076			-0.30	-2.43	Excellent
1226	04/26/21 12:30:00	12.29	11.82					11.99128805	111.1986971			-0.30	-2.43	Excellent
1227	04/26/21 13:00:00	12.31	11.86					12.01110484	111.4841494			-0.30	-2.43	Excellent
1228	04/26/21 13:30:00	12.34	11.92					12.04068006	111.9116021			-0.30	-2.43	Excellent
1229	04/26/21 14:00:00	12.35	11.96					12.05074138	112.1071896			-0.30	-2.42	Excellent
1230	04/26/21 14:30:00	12.35	12.00					12.05104527	112.2121129			-0.30	-2.42	Excellent
1231	04/26/21 15:00:00	12.37	12.04					12.07086551	112.4989521			-0.30	-2.42	Excellent
1232	04/26/21 15:30:00	12.39	12.08					12.09068673	112.7861571			-0.30	-2.42	Excellent
1233	04/26/21 16:00:00	12.39	12.12					12.0909916	112.891498			-0.30	-2.41	Excellent
1234	04/26/21 16:30:00	12.39	12.16					12.09129647	112.9968647			-0.30	-2.41	Excellent
1235	04/26/21 17:00:00	12.38	12.18					12.08184218	112.9597392			-0.30	-2.41	Excellent
1236	04/26/21 17:30:00	12.35	12.18					12.05286858	112.6888492			-0.30	-2.41	Excellent
1237	04/26/21 18:00:00	12.35	12.20					12.05317246	112.7428017			-0.30	-2.40	Excellent
1238	04/26/21 18:30:00	12.33	12.22					12.03395655	112.6140951			-0.30	-2.40	Excellent
1239	04/26/21 19:00:00	12.33	12.24					12.03425994	112.6679757			-0.30	-2.40	Excellent
1240	04/26/21 19:30:00	12.32	12.26					12.02480294	112.6304431			-0.30	-2.40	Excellent
1241	04/26/21 20:00:00	12.32	12.28					12.02510609	112.6842953			-0.29	-2.39	Excellent
1242	04/26/21 20:30:00	12.32	12.30					12.02540924	112.7381552			-0.29	-2.39	Excellent
1243	04/26/21 21:00:00	12.31	12.34					12.01595125	112.75146			-0.29	-2.39	Excellent
1244	04/26/21 21:30:00	12.31	12.36					12.01625415	112.8052979			-0.29	-2.39	Excellent
1245	04/26/21 22:00:00	12.33	12.40					12.0360803	113.0935951			-0.29	-2.38	Excellent
1246	04/26/21 22:30:00	12.31	12.42					12.01685996	112.9640101			-0.29	-2.38	Excellent
1247	04/26/21 23:00:00	12.31	12.46					12.01716286	113.0689021			-0.29	-2.38	Excellent
1248	04/26/21 23:30:00	12.30	12.48				11.811	12.0077034	113.0308883		11.478	-0.29	-2.38	Excellent
1249	04/27/21 00:00:00	12.29	12.50	11.92	12.29	12.08354		11.99824345	112.9927945	11.814		-0.29	-2.37	Excellent
1250	04/27/21 00:30:00	12.27	12.50					11.97902015	112.8117602			-0.29	-2.37	Excellent
1251	04/27/21 01:00:00	12.23	12.52					11.94026967	112.4975431			-0.29	-2.37	Excellent
1252	04/27/21 01:30:00	12.22	12.54					11.93080726	112.4590695			-0.29	-2.37	Excellent
1253	04/27/21 02:00:00	12.19	12.56					11.90181717	112.2363708			-0.29	-2.36	Excellent
1254	04/27/21 02:30:00	12.16	12.56					11.87282561	111.9629749			-0.29	-2.36	Excellent
1255	04/27/21 03:00:00	12.14	12.58					11.85359665	111.8320025			-0.29	-2.36	Excellent
1256	04/27/21 03:30:00	12.13	12.58					11.84413104	111.7426998			-0.29	-2.36	Excellent
1257	04/27/21 04:00:00	12.11	12.60					11.82490036	111.6115125			-0.29	-2.35	Excellent
1258	04/27/21 04:30:00	12.09	12.62					11.8056687	111.4801575			-0.28	-2.35	Excellent
1259	04/27/21 05:00:00	12.09	12.64					11.80596619	111.5331394			-0.28	-2.35	Excellent
1260	04/27/21 05:30:00	12.09	12.64					11.80626368	111.5359498			-0.28	-2.35	Excellent
1261	04/27/21 06:00:00	12.06	12.68					11.77726449	111.3621054			-0.28	-2.34	Excellent
1262	04/27/21 06:30:00	12.04	12.70					11.75802963	111.2302104			-0.28	-2.34	Excellent
1263	04/27/21 07:00:00	12.06	12.74					11.77785799	111.5179363			-0.28	-2.34	Excellent
1264	04/27/21 07:30:00	12.02	12.78					11.73908955	111.2507004			-0.28	-2.34	Excellent
1265	04/27/21 08:00:00	12.03	12.82					11.74915185	111.4460062			-0.28	-2.33	Excellent
1266	04/27/21 08:30:00	12.04	12.86					11.75921465	111.6415075			-0.28	-2.33	Excellent
1267	04/27/21 09:00:00	12.03	12.88					11.74974388	111.6015848			-0.28	-2.33	Excellent

1268	04/27/21 09:30:00	12.05	12.90					11.76957445	111.8400217			-0.28	-2.33	Excellent
1269	04/27/21 10:00:00	12.06	12.92					11.77963848	111.9857843			-0.28	-2.32	Excellent
1270	04/27/21 10:30:00	12.05	12.94					11.77016746	111.9458399			-0.28	-2.32	Excellent
1271	04/27/21 11:00:00	12.07	12.94					11.79	112.1344669			-0.28	-2.32	Excellent
1272	04/27/21 11:30:00	12.07	12.98					11.80	113.3163625			-0.27	-2.24	Excellent
1273	04/27/21 12:00:00	12.09	12.98					11.82070891	113.5152318			-0.27	-2.23	Excellent
1274	04/27/21 12:30:00	12.10	13.02					11.83164342	113.7219068			-0.27	-2.22	Excellent
1275	04/27/21 13:00:00	12.07	13.04					11.80346315	113.5017686			-0.27	-2.21	Excellent
1276	04/27/21 13:30:00	12.09	13.08					11.82417779	113.8025957			-0.27	-2.20	Excellent
1277	04/27/21 14:00:00	12.09	13.12					11.82533409	113.9153899			-0.26	-2.19	Excellent
1278	04/27/21 14:30:00	12.11	13.16					11.84605447	114.216856			-0.26	-2.18	Excellent
1279	04/27/21 15:00:00	12.10	13.20					11.83742968	114.2355066			-0.26	-2.17	Excellent
1280	04/27/21 15:30:00	12.08	13.24					11.81901902	114.1595072			-0.26	-2.16	Excellent
1281	04/27/21 16:00:00	12.06	13.24					11.80060453	113.9816423			-0.26	-2.15	Excellent
1282	04/27/21 16:30:00	12.06	13.26					11.80175796	114.0435514			-0.26	-2.14	Excellent
1283	04/27/21 17:00:00	12.07	13.28					11.81269821	114.2000902			-0.26	-2.13	Excellent
1284	04/27/21 17:30:00	12.09	13.32					11.83342816	114.5023319			-0.26	-2.12	Excellent
1285	04/27/21 18:00:00	12.11	13.36					11.85416193	114.804987			-0.26	-2.11	Excellent
1286	04/27/21 18:30:00	12.15	13.40					11.89447891	115.2978465			-0.26	-2.10	Excellent
1287	04/27/21 19:00:00	12.19	13.44					11.93480355	115.7914941			-0.26	-2.09	Excellent
1288	04/27/21 19:30:00	12.15	13.48					11.89680298	115.52527			-0.25	-2.08	Excellent
1289	04/27/21 20:00:00	12.13	13.46					11.87837989	115.2952185			-0.25	-2.07	Excellent
1290	04/27/21 20:30:00	12.04	13.44					11.79139833	114.4001762			-0.25	-2.06	Excellent
1291	04/27/21 21:00:00	11.96	13.42					11.71419403	113.6007048			-0.25	-2.06	Excellent
1292	04/27/21 21:30:00	11.93	13.40					11.68595159	113.2765094			-0.24	-2.05	Excellent
1293	04/27/21 22:00:00	11.92	13.42					11.6772962	113.2428807			-0.24	-2.04	Excellent
1294	04/27/21 22:30:00	11.93	13.44					11.68823358	113.3992716			-0.24	-2.03	Excellent
1295	04/27/21 23:00:00	11.94	13.46					11.69917287	113.55578			-0.24	-2.02	Excellent
1296	04/27/21 23:30:00	11.96	13.50				11.876	11.71991334	113.8580371		11.561	-0.24	-2.01	Excellent
1297	04/28/21 00:00:00	11.97	13.54	11.97	12.48	12.16813		11.73085742	114.0654153	11.953		-0.24	-2.00	Excellent
1298	04/28/21 00:30:00	11.98	13.56					11.74180341	114.222432			-0.24	-1.99	Excellent
1299	04/28/21 01:00:00	11.98	13.58					11.74294918	114.2841708			-0.24	-1.98	Excellent
1300	04/28/21 01:30:00	11.98	13.60					11.74409496	114.3459242			-0.24	-1.97	Excellent
1301	04/28/21 02:00:00	11.97	13.62					11.73543669	114.3121934			-0.23	-1.96	Excellent
1302	04/28/21 02:30:00	11.97	13.64					11.73658151	114.3739246			-0.23	-1.95	Excellent
1303	04/28/21 03:00:00	11.97	13.66					11.73772633	114.4356705			-0.23	-1.94	Excellent
1304	04/28/21 03:30:00	11.99	13.70					11.75848497	114.7394271			-0.23	-1.93	Excellent
1305	04/28/21 04:00:00	12.01	13.74					11.77924743	115.0435981			-0.23	-1.92	Excellent
1306	04/28/21 04:30:00	12.02	13.76					11.7902049	115.2014555			-0.23	-1.91	Excellent
1307	04/28/21 05:00:00	12.01	13.78					11.78154472	115.1676447			-0.23	-1.90	Excellent
1308	04/28/21 05:30:00	12.01	13.80					11.78269336	115.22969			-0.23	-1.89	Excellent
1309	04/28/21 06:00:00	12.01	13.80					11.78384201	115.2409232			-0.23	-1.88	Excellent
1310	04/28/21 06:30:00	12.00	13.82					11.77517801	115.2069824			-0.22	-1.87	Excellent
1311	04/28/21 07:00:00	12.00	13.84					11.77632569	115.2690104			-0.22	-1.86	Excellent
1312	04/28/21 07:30:00	12.01	13.86					11.78728794	115.4271623			-0.22	-1.85	Excellent
1313	04/28/21 08:00:00	12.02	13.88					11.7982521	115.5854323			-0.22	-1.84	Excellent
1314	04/28/21 08:30:00	12.02	13.90					11.7994017	115.6476078			-0.22	-1.84	Excellent
1315	04/28/21 09:00:00	12.04	13.92					11.82018617	115.9023268			-0.22	-1.83	Excellent
1316	04/28/21 09:30:00	12.05	13.94					11.83115607	116.0609514			-0.22	-1.82	Excellent
1317	04/28/21 10:00:00	12.07	13.96					11.85194722	116.3160621			-0.22	-1.81	Excellent
1318	04/28/21 10:30:00	12.10	14.00					11.8825625	116.7191103			-0.22	-1.80	Excellent
1319	04/28/21 11:00:00	12.13	14.04					11.91318352	117.1227628			-0.22	-1.79	Excellent
1320	04/28/21 11:30:00	12.17	14.08					11.95363249	117.6236704			-0.22	-1.78	Excellent
1321	04/28/21 12:00:00	12.21	14.12					11.99408912	118.1253714			-0.22	-1.77	Excellent
1322	04/28/21 12:30:00	12.23	14.16					12.01490514	118.4341879			-0.22	-1.76	Excellent
1323	04/28/21 13:00:00	12.26	14.18					12.04555007	118.7883066			-0.21	-1.75	Excellent
1324	04/28/21 13:30:00	12.27	14.20					12.05654866	118.9488658			-0.21	-1.74	Excellent
1325	04/28/21 14:00:00	12.27	14.20					12.05772217	118.9604436			-0.21	-1.73	Excellent
1326	04/28/21 14:30:00	12.28	14.22					12.06872363	119.1211361			-0.21	-1.72	Excellent
1327	04/28/21 15:00:00	12.32	14.24					12.10921373	119.5731158			-0.21	-1.71	Excellent
1328	04/28/21 15:30:00	12.34	14.26					12.13005175	119.8313098			-0.21	-1.70	Excellent
1329	04/28/21 16:00:00	12.39	14.28					12.18038606	120.3812065			-0.21	-1.69	Excellent
1330	04/28/21 16:30:00	12.42	14.32					12.21106637	120.7900067			-0.21	-1.68	Excellent
1331	04/28/21 17:00:00	12.42	14.32					12.21225423	120.8017568			-0.21	-1.67	Excellent
1332	04/28/21 17:30:00	12.44	14.36					12.23310947	121.1138441			-0.21	-1.66	Excellent
1333	04/28/21 18:00:00	12.48	14.42					12.27363782	121.6743431			-0.21	-1.65	Excellent
1334	04/28/21 18:30:00	12.35	14.36					12.14696859	120.2610067			-0.20	-1.64	Excellent
1335	04/28/21 19:00:00	12.31	14.34					12.10880352	119.8307934			-0.20	-1.63	Excellent
1336	04/28/21 19:30:00	12.26	14.32					12.06079328	119.3035281			-0.20	-1.62	Excellent
1337	04/28/21 20:00:00	12.24	14.34					12.04228889	119.1725533			-0.20	-1.62	Excellent
1338	04/28/21 20:30:00	12.21	14.36					12.01394125	118.9439701			-0.20	-1.61	Excellent
1339	04/28/21 21:00:00	12.23	14.40					12.03478979	119.2544757			-0.20	-1.60	Excellent
1340	04/28/21 21:30:00	12.26	14.44					12.0654835	119.6630035			-0.19	-1.59	Excellent
1341	04/28/21 22:00:00	12.30	14.48					12.10602524	120.1698376			-0.19	-1.58	Excellent
1342	04/28/21 22:30:00	12.34	14.54					12.14657463	120.7300357			-0.19	-1.57	Excellent
1343	04/28/21 23:00:00	12.38	14.56					12.18713168	121.185897			-0.19	-1.56	Excellent
1344	04/28/21 23:30:00	12.38	14.58				11.967	12.18831571	121.2504281		11.671	-0.19	-1.55	Excellent
1345	04/29/21 00:00:00	12.38	14.60	12.01	12.64	12.33667		12.18949974	121.3149742	12.175		-0.19	-1.54	Excellent
1346	04/29/21 00:30:00	12.38	14.62					12.19068377	121.3795354			-0.19	-1.53	Excellent
1347	04/29/21 01:00:00	12.37	14.64					12.18201977	121.3460147			-0.19	-1.52	Excellent
1348	04/29/21 01:30:00	12.20	14.64					12.01576998	119.6899881			-0.18	-1.51	Excellent
1349	04/29/21 02:00:00	12.11	14.64					11.92828726	118.8185661			-0.18	-1.50	Excellent
1350	04/29/21 02:30:00	12.11	14.66					11.92944547	118.8817588			-0.18	-1.49	Excellent
1351	04/29/21 03:00:00	12.10	14.66					11.92075182	118.795123			-0.18	-1.48	Excellent
1352	04/29/21 03:30:00	12.14	14.66					11.96132034	119.1994048			-0.18	-1.47	Excellent
1353	04/29/21 04:00:00	12.07	14.66					11.893505	118.5235975			-0.18	-1.46	Excellent
1354	04/29/21 04:30:00	12.08	14.68					11.90451411	118.6848602			-0.18	-1.45	Excellent
1355	04/29/21 05:00:00	12.07	14.68					11.89581377	118.59812			-0.17	-1.44	Excellent
1356	04/29/21 05:30:00	12.01	14.68					11.83782829	118.0200201			-0.17	-1.43	Excellent
1357	04/29/21 06:00:00	12.10	14.68					11.92769533	118.9159708			-0.17	-1.42	Excellent
1358	04/29/21 06:30:00	12.24	14.68					12.06687236	120.303529			-0.17	-1.41	Excellent
1359	04/29/21 07:00:00	12.24	14.70					12.06804301	120.3674654			-0.17	-1.40	Excellent
1360	04/29/21 07:30:00	12.31	14.72					12.13823693	121.1201584			-0.17	-1.40	Excellent
1361	04/29/21 08:00:00	12.24	14.74					12.07038429	120.4953828			-0.17	-1.39	Excellent
1362	04/29/21 08:30:00	12.27	14.78					12.10114207	120.9072803			-0.17	-1.38	Excellent
1363	04/29/21 09:00:00	12.28	14.80					12.11217892	121.0700342			-0.17	-1.37	Excellent
1364	04/29/21 09:30:00	12.29	14.84					12.12321769	121.2854453			-0.17	-1.36	Excellent
1365	04/29/21 10:00:00	12.30	14.88					12.13425836	121.5010861			-0.17	-1.35	Excellent
1366	04/29/21 10:30:00	12.33	14.94					12.16503336	121.9674522			-0.16	-1.34	Excellent
1367	04/29/21 11:00:00	12.34	15.00					12.17607977	122.236605			-0.16	-1.33	Excellent
1368	04/29/21 11:30:00	12.37	15.04					12.20686434	122.651545			-0.16	-1.32	Excellent
1369	04/29/21 12:00:00	12.37	15.10					12.20804741	122.8223204			-0.16	-1.31	Excellent
1370	04/29/21 12:30:00	12.37	15.12					12.20923049	122.8872004			-0.16	-1.30	Excellent
1371	04/29/21 13:00:00	12.37	15.16					12.21041356	123.0050874			-0.16	-1.29	Excellent
1372	04/29/21 13:30:00	12.42	15.18					12.26095637	123.5674608			-0.16	-1.28	Excellent
1373	04/29/21 14:00:00	12.45	15.22					12.29176293	123.9846472			-0.16	-1.27	Excellent
1374	04/29/21 14:30:00	12.52	15.28					12.36207066	124.8548503			-0.16	-1.26	Excellent
1375	04/29/21 15:00:00	12.58	15.32					12.42251697	125.5732453			-0.16	-1.25	Excellent
1376	04/29/21 15:30:00	12.62	15.34					12.46322322	126.0388578			-0.16	-1.24	Excellent
1377	04/29/21 16:00:00	12.64	15.38					12.48418366	126.3592897			-0.16	-1.23	Excellent
1378	04/29/21 16:30:00	12.62	15.40					12.46563719	126.2257283			-0.15	-1.22	Excellent
1379	04/29/21 17:00:00	12.61	15.42					12.45696553	126.1920448			-0.15	-1.21	Excellent
1380	04/29/21 17:30:00	12.59	15.44					12.43841237	126.0581457			-0.15	-1.20	Excellent
1381	04/29/21 18:00:00	12.55	15.48					12.40009427	125.7775869			-0.15	-1.19	Excellent
1382	04/29/21 18:30:00	12.54	15.52					12.39141305	125.7972537			-0.15	-1.18	Excellent
1383	04/29/21 19:00:00	12.50	15.56					12.35308252	125.515532			-0.15	-1.18	Excellent

1384	04/29/21 19:30:00	12.50	15.62					12.35427803	125.6888432			-0.15	-1.17	Excellent
1385	04/29/21 20:00:00	12.48	15.68					12.33570478	125.6608488			-0.14	-1.16	Excellent
1386	04/29/21 20:30:00	12.45	15.72					12.30724237	125.4779947			-0.14	-1.15	Excellent
1387	04/29/21 21:00:00	12.41	15.78					12.26888793	125.2471165			-0.14	-1.14	Excellent
1388	04/29/21 21:30:00	12.36	15.84					12.22063859	124.9141375			-0.14	-1.13	Excellent
1389	04/29/21 22:00:00	12.29	15.90					12.15260328	124.377438			-0.14	-1.12	Excellent
1390	04/29/21 22:30:00	12.25	15.94					12.11422206	124.0901281			-0.14	-1.11	Excellent
1391	04/29/21 23:00:00	12.19	15.98					12.05605295	123.5993015			-0.13	-1.10	Excellent
1392	04/29/21 23:30:00	12.15	16.00				12.127	12.01765452	123.2579881		11.855	-0.13	-1.09	Excellent
1393	04/30/21 00:00:00	12.13	16.02	10.71	12.13	11.59250		11.99903249	123.1192657	11.493		-0.13	-1.08	Excellent
1394	04/30/21 00:30:00	12.06	16.02					11.93094171	122.4206021			-0.13	-1.07	Excellent
1395	04/30/21 01:00:00	11.93	16.02					11.80347387	121.1126845			-0.13	-1.06	Excellent
1396	04/30/21 01:30:00	11.85	16.04					11.72545567	120.3632434			-0.12	-1.05	Excellent
1397	04/30/21 02:00:00	11.72	16.04					11.59794289	119.054309			-0.12	-1.04	Excellent
1398	04/30/21 02:30:00	11.73	16.04					11.60896061	119.1674073			-0.12	-1.03	Excellent
1399	04/30/21 03:00:00	11.80	16.04					11.67936686	119.890136			-0.12	-1.02	Excellent
1400	04/30/21 03:30:00	11.72	16.04					11.60130562	119.0888278			-0.12	-1.01	Excellent
1401	04/30/21 04:00:00	11.70	16.04					11.58262716	118.8970912			-0.12	-1.00	Excellent
1402	04/30/21 04:30:00	11.69	16.04					11.57384552	118.8069466			-0.12	-0.99	Excellent
1403	04/30/21 05:00:00	11.71	16.04					11.59476675	119.0217055			-0.12	-0.98	Excellent
1404	04/30/21 05:30:00	11.82	16.02					11.70481476	120.1003664			-0.12	-0.97	Excellent
1405	04/30/21 06:00:00	11.78	16.04					11.6663312	119.7563234			-0.11	-0.96	Excellent
1406	04/30/21 06:30:00	11.82	16.08					11.7070757	120.2765947			-0.11	-0.96	Excellent
1407	04/30/21 07:00:00	11.84	16.10					11.72801701	120.5428523			-0.11	-0.95	Excellent
1408	04/30/21 07:30:00	11.86	16.12					11.74896215	120.8093362			-0.11	-0.94	Excellent
1409	04/30/21 08:00:00	11.88	16.14					11.76991111	121.0760464			-0.11	-0.93	Excellent
1410	04/30/21 08:30:00	11.92	16.16					11.81068048	121.5469209			-0.11	-0.92	Excellent
1411	04/30/21 09:00:00	11.94	16.20					11.83163901	121.865774			-0.11	-0.91	Excellent
1412	04/30/21 09:30:00	11.91	16.24					11.80305035	121.6742429			-0.11	-0.90	Excellent
1413	04/30/21 10:00:00	11.89	16.24					11.78436712	121.4816428			-0.11	-0.89	Excellent
1414	04/30/21 10:30:00	11.83	16.26					11.7260316	120.9314155			-0.10	-0.88	Excellent
1415	04/30/21 11:00:00	11.77	16.26					11.6676846	120.3296787			-0.10	-0.87	Excellent
1416	04/30/21 11:30:00	11.70	16.26					11.5994121	119.6255794			-0.10	-0.86	Excellent
1417	04/30/21 12:00:00	11.63	16.28					11.53112621	118.9716331			-0.10	-0.85	Excellent
1418	04/30/21 12:30:00	11.62	16.28					11.52232257	118.8808022			-0.10	-0.84	Excellent
1419	04/30/21 13:00:00	11.62	16.30					11.52343391	118.9425303			-0.10	-0.83	Excellent
1420	04/30/21 13:30:00	11.63	16.32					11.53446311	119.1066857			-0.10	-0.82	Excellent
1421	04/30/21 14:00:00	11.62	16.34					11.5256566	119.0660286			-0.09	-0.81	Excellent
1422	04/30/21 14:30:00	11.61	16.34					11.51684818	118.975033			-0.09	-0.80	Excellent
1423	04/30/21 15:00:00	11.62	16.36					11.52787929	119.1392844			-0.09	-0.79	Excellent
1424	04/30/21 15:30:00	11.61	16.38					11.51906895	119.0984908			-0.09	-0.78	Excellent
1425	04/30/21 16:00:00	11.58	16.38					11.49041144	118.8021937			-0.09	-0.77	Excellent
1426	04/30/21 16:30:00	11.55	16.40					11.46174818	118.5558516			-0.09	-0.76	Excellent
1427	04/30/21 17:00:00	11.53	16.42					11.44300374	118.4119032			-0.09	-0.75	Excellent
1428	04/30/21 17:30:00	11.50	16.44					11.41432996	118.1650038			-0.09	-0.74	Excellent
1429	04/30/21 18:00:00	11.48	16.50					11.39557691	118.1200941			-0.08	-0.74	Excellent
1430	04/30/21 18:30:00	11.45	16.54					11.36689261	117.9220253			-0.08	-0.73	Excellent
1431	04/30/21 19:00:00	11.41	16.60					11.3282742	117.6698021			-0.08	-0.72	Excellent
1432	04/30/21 19:30:00	11.33	16.66					11.24993082	117.0034505			-0.08	-0.71	Excellent
1433	04/30/21 20:00:00	11.23	16.68					11.15171157	116.0306538			-0.08	-0.70	Excellent
1434	04/30/21 20:30:00	11.09	16.68					11.01374821	114.5951811			-0.08	-0.69	Excellent
1435	04/30/21 21:00:00	11.03	16.66					10.95521567	113.9383037			-0.07	-0.68	Excellent
1436	04/30/21 21:30:00	11.00	16.66					10.92647112	113.6393498			-0.07	-0.67	Excellent
1437	04/30/21 22:00:00	10.93	16.66					10.85798438	112.9270623			-0.07	-0.66	Excellent
1438	04/30/21 22:30:00	10.88	16.64					10.8093544	112.3740722			-0.07	-0.65	Excellent
1439	04/30/21 23:00:00	10.78	16.64					10.71103472	111.3519406			-0.07	-0.64	Excellent
1440	04/30/21 23:30:00	10.71	16.62				12.162	10.64250686	110.5930374		11.920	-0.07	-0.63	Excellent
1441	05/01/21 00:00:00	10.67	16.58	9.99	10.67	10.22750		10.60377942	110.0979714	10.187		-0.07	-0.62	Excellent
1442	05/01/21 00:30:00	10.63	16.56					10.56504433	109.6496517			-0.06	-0.61	Excellent
1443	05/01/21 01:00:00	10.59	16.56					10.52630158	109.2475589			-0.06	-0.60	Excellent
1444	05/01/21 01:30:00	10.54	16.54					10.47761039	108.6964643			-0.06	-0.59	Excellent
1445	05/01/21 02:00:00	10.48	16.54					10.41896786	108.088097			-0.06	-0.58	Excellent
1446	05/01/21 02:30:00	10.40	16.54					10.34042842	107.2733158			-0.06	-0.57	Excellent
1447	05/01/21 03:00:00	10.34	16.52					10.28176102	106.6197982			-0.06	-0.56	Excellent
1448	05/01/21 03:30:00	10.39	16.50					10.33247311	107.1005624			-0.06	-0.55	Excellent
1449	05/01/21 04:00:00	10.41	16.48					10.35335799	107.271846			-0.06	-0.54	Excellent
1450	05/01/21 04:30:00	10.40	16.46					10.34440707	107.1339506			-0.06	-0.53	Excellent
1451	05/01/21 05:00:00	10.34	16.44					10.28571672	106.4812179			-0.05	-0.52	Excellent
1452	05/01/21 05:30:00	10.21	16.46					10.15737569	105.1969222			-0.05	-0.52	Excellent
1453	05/01/21 06:00:00	10.20	16.46					10.14840277	105.1039923			-0.05	-0.51	Excellent
1454	05/01/21 06:30:00	10.21	16.48					10.15932867	105.261495			-0.05	-0.50	Excellent
1455	05/01/21 07:00:00	10.11	16.50					10.06079189	104.2844688			-0.05	-0.49	Excellent
1456	05/01/21 07:30:00	10.07	16.54					10.02194968	103.9693648			-0.05	-0.48	Excellent
1457	05/01/21 08:00:00	10.03	16.56					9.983099823	103.609922			-0.05	-0.47	Excellent
1458	05/01/21 08:30:00	10.02	16.58					9.974104902	103.5601245			-0.05	-0.46	Excellent
1459	05/01/21 09:00:00	9.99	16.56					9.945197763	103.2165543			-0.04	-0.45	Excellent
1460	05/01/21 09:30:00	10.01	16.52					9.966065432	103.3460983			-0.04	-0.44	Excellent
1461	05/01/21 10:00:00	10.02	16.52					9.97697986	103.4592787			-0.04	-0.43	Excellent
1462	05/01/21 10:30:00	10.04	16.50					9.997854224	103.6320926			-0.04	-0.42	Excellent
1463	05/01/21 11:00:00	10.08	16.52					10.03865037	104.0987895			-0.04	-0.41	Excellent
1464	05/01/21 11:30:00	10.12	16.54					10.07945417	104.5659258			-0.04	-0.40	Excellent
1465	05/01/21 12:00:00	10.12	16.56					10.08042205	104.6199839			-0.04	-0.39	Excellent
1466	05/01/21 12:30:00	10.11	16.58					10.07142809	104.5706213			-0.04	-0.38	Excellent
1467	05/01/21 13:00:00	10.10	16.60					10.06243221	104.5211641			-0.04	-0.37	Excellent
1468	05/01/21 13:30:00	10.09	16.62					10.05343442	104.4716122			-0.04	-0.36	Excellent
1469	05/01/21 14:00:00	10.12	16.64					10.08429359	104.8363384			-0.04	-0.35	Excellent
1470	05/01/21 14:30:00	10.13	16.66					10.09522714	104.9941043			-0.03	-0.34	Excellent
1471	05/01/21 15:00:00	10.14	16.66					10.10616261	105.1078372			-0.03	-0.33	Excellent
1472	05/01/21 15:30:00	10.18	16.68					10.14700275	105.5769204			-0.03	-0.32	Excellent
1473	05/01/21 16:00:00	10.18	16.70					10.14797637	105.6313893			-0.03	-0.31	Excellent
1474	05/01/21 16:30:00	10.19	16.70					10.1589195	105.7452974			-0.03	-0.31	Excellent
1475	05/01/21 17:00:00	10.17	16.68					10.13995316	105.5035712			-0.03	-0.30	Excellent
1476	05/01/21 17:30:00	10.13	16.66					10.10104018	105.054562			-0.03	-0.29	Excellent
1477	05/01/21 18:00:00	10.11	16.64					10.08206428	104.8131626			-0.03	-0.28	Excellent
1478	05/01/21 18:30:00	10.11	16.60					10.08303121	104.7351314			-0.03	-0.27	Excellent
1479	05/01/21 19:00:00	10.16	16.58					10.13386954	105.2189446			-0.03	-0.26	Excellent
1480	05/01/21 19:30:00	10.20	16.54					10.1747422	105.5544596			-0.03	-0.25	Excellent
1481	05/01/21 20:00:00	10.22	16.50					10.19567013	105.6825402			-0.02	-0.24	Excellent
1482	05/01/21 20:30:00	10.22	16.46					10.19664757	105.6036494			-0.02	-0.23	Excellent
1483	05/01/21 21:00:00	10.24	16.42					10.21758123	105.7312632			-0.02	-0.22	Excellent
1484	05/01/21 21:30:00	10.28	16.40					10.25847685	106.1096823			-0.02	-0.21	Excellent
1485	05/01/21 22:00:00	10.33	16.38					10.30936013	106.5910133			-0.02	-0.20	Excellent
1486	05/01/21 22:30:00	10.37	16.36					10.350272	106.9688508			-0.02	-0.19	Excellent
1487	05/01/21 23:00:00	10.38	16.32					10.36124573	106.9918579			-0.02	-0.18	Excellent
1488	05/01/21 23:30:00	10.34	16.26				11.905	10.32230692	106.454701		11.704	-0.02	-0.17	Excellent
1489	05/02/21 00:00:00	10.31	16.24	10.06	11.16	10.44438		10.29334431	106.1111187	10.451		-0.02	-0.16	Excellent
1490	05/02/21 00:30:00	10.28	16.22					10.26437596	105.7677337			-0.02	-0.15	Excellent
1491	05/02/21 01:00:00	10.23	16.20					10.21543036	105.2188397			-0.01	-0.14	Excellent
1492	05/02/21 01:30:00	10.19	16.20					10.1764619	104.8174649			-0.01	-0.13	Excellent
1493	05/02/21 02:00:00	10.15	16.20					10.1374858	104.4160114			-0.01	-0.12	Excellent
1494	05/02/21 02:30:00	10.19	16.18					10.17841106	104.7931652			-0.01	-0.11	Excellent
1495	05/02/21 03:00:00	10.14	16.18					10.12943772	104.2889537			-0.01	-0.10	Excellent
1496	05/02/21 03:30:00	10.10	16.18					10.09044536	103.8875027			-0.01	-0.09	Excellent
1497	05/02/21 04:00:00	10.09	16.18					10.08141983	103.7945792			-0.01	-0.09	Excellent
1498	05/02/21 04:30:00	10.11	16.18					10.10236975	104.0102719			-0.01	-0.08	Excellent
1499	05/02/21 05:00:00	10.09	16.18					10.08334986	103.8144501			-0.01	-0.07	Excellent

1500	05/02/21 05:30:00	10.13	16.18					10.12429234	104.2359787			-0.01	-0.06	Excellent
1501	05/02/21 06:00:00	10.08	16.18					10.07528457	103.7314128			0.00	-0.05	Excellent
1502	05/02/21 06:30:00	10.09	16.18					10.0862449	103.8442564			0.00	-0.04	Excellent
1503	05/02/21 07:00:00	10.06	16.18					10.05721821	103.5454083			0.00	-0.03	Excellent
1504	05/02/21 07:30:00	10.08	16.18					10.07817674	103.7611896			0.00	-0.02	Excellent
1505	05/02/21 08:00:00	10.11	16.18					10.10913824	104.0799578			0.00	-0.01	Excellent
1506	05/02/21 08:30:00	10.09	16.20					10.09010496	103.9279892			0.00	0.00	Excellent
1507	05/02/21 09:00:00	10.13	16.22					10.13107422	104.3941457			0.00	0.01	Excellent
1508	05/02/21 09:30:00	10.15	16.22					10.15204709	104.6102575			0.00	0.02	Excellent
1509	05/02/21 10:00:00	10.19	16.22					10.19302974	105.0325571			0.00	0.03	Excellent
1510	05/02/21 10:30:00	10.23	16.22					10.23402003	105.4549355			0.00	0.04	Excellent
1511	05/02/21 11:00:00	10.25	16.24					10.25500821	105.7159228			0.01	0.05	Excellent
1512	05/02/21 11:30:00	10.29	16.24					10.2960119	106.138618			0.01	0.06	Excellent
1513	05/02/21 12:00:00	10.32	16.28					10.32701643	106.5483101			0.01	0.07	Excellent
1514	05/02/21 12:30:00	10.43	16.34					10.43808875	107.8308869			0.01	0.08	Excellent
1515	05/02/21 13:00:00	10.45	16.36					10.45910371	108.0936137			0.01	0.09	Excellent
1516	05/02/21 13:30:00	10.51	16.38					10.52016116	108.7705371			0.01	0.10	Excellent
1517	05/02/21 14:00:00	10.55	16.42					10.56120884	109.2871128			0.01	0.11	Excellent
1518	05/02/21 14:30:00	10.57	16.42					10.58224101	109.5047531			0.01	0.12	Excellent
1519	05/02/21 15:00:00	10.55	16.44					10.56322686	109.3540967			0.01	0.13	Excellent
1520	05/02/21 15:30:00	10.53	16.46					10.54420888	109.2032386			0.01	0.13	Excellent
1521	05/02/21 16:00:00	10.56	16.48					10.57525933	109.5709809			0.02	0.14	Excellent
1522	05/02/21 16:30:00	10.54	16.52					10.55623848	109.4660744			0.02	0.15	Excellent
1523	05/02/21 17:00:00	10.61	16.54					10.62736108	110.2500027			0.02	0.16	Excellent
1524	05/02/21 17:30:00	10.63	16.54					10.64841046	110.4683726			0.02	0.17	Excellent
1525	05/02/21 18:00:00	10.69	16.54					10.70953678	111.1025071			0.02	0.18	Excellent
1526	05/02/21 18:30:00	10.77	16.52					10.79071303	111.8975284			0.02	0.19	Excellent
1527	05/02/21 19:00:00	10.83	16.48					10.85186421	112.4369029			0.02	0.20	Excellent
1528	05/02/21 19:30:00	10.87	16.42					10.89298458	112.7203194			0.02	0.21	Excellent
1529	05/02/21 20:00:00	10.92	16.38					10.9441347	113.154104			0.02	0.22	Excellent
1530	05/02/21 20:30:00	10.93	16.32					10.95520216	113.1251457			0.03	0.23	Excellent
1531	05/02/21 21:00:00	11.00	16.28					11.02641561	113.7643149			0.03	0.24	Excellent
1532	05/02/21 21:30:00	11.02	16.20					11.0475176	113.7893306			0.03	0.25	Excellent
1533	05/02/21 22:00:00	11.00	16.10					11.0285197	113.3532821			0.03	0.26	Excellent
1534	05/02/21 22:30:00	11.04	15.98					11.06967928	113.4869458			0.03	0.27	Excellent
1535	05/02/21 23:00:00	11.09	15.90					11.12087435	113.8180709			0.03	0.28	Excellent
1536	05/02/21 23:30:00	11.16	15.86				11.604	11.19213658	114.4499537		11.450	0.03	0.29	Excellent
1537	05/03/21 00:00:00	11.21	15.82	9.70	11.34	10.42625		11.2433527	114.8757971	10.480		0.03	0.30	Excellent
1538	05/03/21 00:30:00	11.25	15.84					11.28454766	115.3458167			0.03	0.31	Excellent
1539	05/03/21 01:00:00	11.27	15.88					11.30568695	115.6603335			0.04	0.32	Excellent
1540	05/03/21 01:30:00	11.34	15.90					11.37699318	116.4393531			0.04	0.33	Excellent
1541	05/03/21 02:00:00	11.32	15.90					11.35801058	116.2450732			0.04	0.34	Excellent
1542	05/03/21 02:30:00	11.27	15.88					11.30892056	115.6934143			0.04	0.35	Excellent
1543	05/03/21 03:00:00	11.23	15.86					11.26985647	115.2447115			0.04	0.35	Excellent
1544	05/03/21 03:30:00	11.14	15.84					11.18060249	114.2833336			0.04	0.36	Excellent
1545	05/03/21 04:00:00	11.06	15.82					11.10136869	113.4251154			0.04	0.37	Excellent
1546	05/03/21 04:30:00	11.03	15.80					11.0723114	113.0800372			0.04	0.38	Excellent
1547	05/03/21 05:00:00	10.96	15.80					11.0030911	112.3730995			0.04	0.39	Excellent
1548	05/03/21 05:30:00	10.92	15.76					10.96397823	111.8782137			0.04	0.40	Excellent
1549	05/03/21 06:00:00	10.86	15.74					10.90477524	111.2266451			0.04	0.41	Excellent
1550	05/03/21 06:30:00	10.82	15.70					10.86564516	110.7329751			0.05	0.42	Excellent
1551	05/03/21 07:00:00	10.79	15.66					10.83655056	110.3421881			0.05	0.43	Excellent
1552	05/03/21 07:30:00	10.75	15.66					10.79740613	109.9436035			0.05	0.44	Excellent
1553	05/03/21 08:00:00	10.73	15.70					10.77834416	109.8432811			0.05	0.45	Excellent
1554	05/03/21 08:30:00	10.69	15.74					10.73918634	109.5376695			0.05	0.46	Excellent
1555	05/03/21 09:00:00	10.67	15.80					10.7201148	109.4831004			0.05	0.47	Excellent
1556	05/03/21 09:30:00	10.63	15.88					10.68094359	109.2690345			0.05	0.48	Excellent
1557	05/03/21 10:00:00	10.57	15.96					10.62166696	108.8476351			0.05	0.49	Excellent
1558	05/03/21 10:30:00	10.54	16.02					10.59252837	108.687456			0.05	0.50	Excellent
1559	05/03/21 11:00:00	10.49	16.06					10.54328246	108.274029			0.05	0.51	Excellent
1560	05/03/21 11:30:00	10.42	16.12					10.47392348	107.6986823			0.05	0.52	Excellent
1561	05/03/21 12:00:00	10.38	16.18					10.43470923	107.4319165			0.05	0.53	Excellent
1562	05/03/21 12:30:00	10.32	16.24					10.37538	106.9568009			0.06	0.54	Excellent
1563	05/03/21 13:00:00	10.27	16.32					10.32609392	106.6288748			0.06	0.55	Excellent
1564	05/03/21 13:30:00	10.21	16.38					10.26674269	106.1503811			0.06	0.56	Excellent
1565	05/03/21 14:00:00	10.14	16.44					10.19732346	105.5661409			0.06	0.57	Excellent
1566	05/03/21 14:30:00	10.11	16.50					10.16812079	105.3969794			0.06	0.57	Excellent
1567	05/03/21 15:00:00	10.10	16.58					10.15902927	105.4801756			0.06	0.58	Excellent
1568	05/03/21 15:30:00	10.06	16.64					10.11975764	105.2050228			0.06	0.59	Excellent
1569	05/03/21 16:00:00	10.01	16.70					10.070418	104.8240757			0.06	0.60	Excellent
1570	05/03/21 16:30:00	9.95	16.76					10.01100747	104.336908			0.06	0.61	Excellent
1571	05/03/21 17:00:00	9.90	16.82					9.961647747	103.9530993			0.06	0.62	Excellent
1572	05/03/21 17:30:00	9.87	16.88					9.932404908	103.7782196			0.06	0.63	Excellent
1573	05/03/21 18:00:00	9.86	16.94					9.923284699	103.81312			0.06	0.64	Excellent
1574	05/03/21 18:30:00	9.81	16.98					9.873902017	103.3828811			0.06	0.65	Excellent
1575	05/03/21 19:00:00	9.80	17.02					9.864774156	103.3736257			0.06	0.66	Excellent
1576	05/03/21 19:30:00	9.78	17.02					9.845577329	103.1724609			0.07	0.67	Excellent
1577	05/03/21 20:00:00	9.78	17.02					9.846512695	103.1822627			0.07	0.68	Excellent
1578	05/03/21 20:30:00	9.77	17.00					9.837379095	103.043511			0.07	0.69	Excellent
1579	05/03/21 21:00:00	9.77	16.98					9.838313504	103.0102582			0.07	0.70	Excellent
1580	05/03/21 21:30:00	9.75	16.96					9.819106157	102.7661983			0.07	0.71	Excellent
1581	05/03/21 22:00:00	9.75	16.94					9.820038654	102.7330045			0.07	0.72	Excellent
1582	05/03/21 22:30:00	9.71	16.94					9.780679987	102.3212511			0.07	0.73	Excellent
1583	05/03/21 23:00:00	9.70	16.92					9.77153491	102.1828418			0.07	0.74	Excellent
1584	05/03/21 23:30:00	9.70	16.92				11.326	9.772462624	102.1925431		11.222	0.07	0.75	Excellent
1585	05/04/21 00:00:00	9.66	16.92	9.35	9.66	9.50917		9.733087698	101.7807918	9.488		0.07	0.76	Excellent
1586	05/04/21 00:30:00	9.65	16.94					9.72393497	101.7276093			0.07	0.77	Excellent
1587	05/04/21 01:00:00	9.66	16.92					9.734935476	101.8001144			0.07	0.78	Excellent
1588	05/04/21 01:30:00	9.61	16.92					9.685466718	101.2828099			0.08	0.79	Excellent
1589	05/04/21 02:00:00	9.62	16.90					9.69646531	101.3554188			0.08	0.79	Excellent
1590	05/04/21 02:30:00	9.60	16.90					9.677224489	101.1542979			0.08	0.80	Excellent
1591	05/04/21 03:00:00	9.56	16.88					9.637817045	100.7002335			0.08	0.81	Excellent
1592	05/04/21 03:30:00	9.53	16.86					9.608484304	100.3517382			0.08	0.82	Excellent
1593	05/04/21 04:00:00	9.52	16.84					9.599312449	100.2139767			0.08	0.83	Excellent
1594	05/04/21 04:30:00	9.49	16.84					9.569970144	99.9076517			0.08	0.84	Excellent
1595	05/04/21 05:00:00	9.47	16.82					9.550707326	99.66479967			0.08	0.85	Excellent
1596	05/04/21 05:30:00	9.44	16.82					9.521354501	99.3584932			0.08	0.86	Excellent
1597	05/04/21 06:00:00	9.41	16.82					9.491995937	99.05212685			0.08	0.87	Excellent
1598	05/04/21 06:30:00	9.39	16.80					9.472719729	98.80956377			0.08	0.88	Excellent
1599	05/04/21 07:00:00	9.38	16.80					9.463528745	98.71369298			0.08	0.89	Excellent
1600	05/04/21 07:30:00	9.35	16.80					9.434155836	98.40730533			0.08	0.90	Excellent
1601	05/04/21 08:00:00	9.37	16.80					9.455232001	98.62714998			0.09	0.91	Excellent
1602	05/04/21 08:30:00	9.35	16.80					9.435944316	98.4259609			0.09	0.92	Excellent
1603	05/04/21 09:00:00	9.35	16.80					9.436838556	98.43528868			0.09	0.93	Excellent
1604	05/04/21 09:30:00	9.35	16.82					9.437732796	98.48587297			0.09	0.94	Excellent
1605	05/04/21 10:00:00	9.37	16.82					9.458816613	98.70588959			0.09	0.95	Excellent
1606	05/04/21 10:30:00	9.40	16.84					9.49	99.0727871			0.09	0.96	Excellent
1607	05/04/21 11:00:00	9.61	16.94					9.50	98.26486835			-0.11	-1.14	Excellent
1608	05/04/21 11:30:00	9.63	16.86					9.519938466	98.30656619			-0.11	-1.14	Excellent
1609	05/04/21 12:00:00	9.64	16.90					9.529991744	98.49272976			-0.11	-1.14	Excellent
1610	05/04/21 12:30:00	9.64	16.92					9.530159312	98.53564224			-0.11	-1.14	Excellent
1611	05/04/21 13:00:00	9.63	16.94					9.520440649	98.47629969			-0.11	-1.14	Excellent
1612	05/04/21 13:30:00	9.63	16.98					9.520608043	98.56032711			-0.11	-1.14	Excellent
1613	05/04/21 14:00:00	9.63	17.02					9.520775438	98.64437117			-0.11	-1.13	Excellent
1614	05/04/21 14:30:00	9.61	17.04					9.501169327	98.482309			-0.11	-1.13	Excellent
1615	05/04/21 15:00:00	9.61	17.08					9.501336373	98.5662041			-0.11	-1.13	Excellent

1616	05/04/21 15:30:00	9.62	17.10					9.51139052	98.71163554			-0.11	-1.13	Excellent
1617	05/04/21 16:00:00	9.59	17.12					9.481895918	98.44653932			-0.11	-1.13	Excellent
1618	05/04/21 16:30:00	9.60	17.14					9.491950065	98.59198048			-0.11	-1.13	Excellent
1619	05/04/21 17:00:00	9.59	17.18					9.482229317	98.57304447			-0.11	-1.12	Excellent
1620	05/04/21 17:30:00	9.57	17.22					9.462620424	98.45107557			-0.11	-1.12	Excellent
1621	05/04/21 18:00:00	9.53	17.24					9.423234898	98.08207324			-0.11	-1.12	Excellent
1622	05/04/21 18:30:00	9.50	17.26					9.393736124	97.81568284			-0.11	-1.12	Excellent
1623	05/04/21 19:00:00	9.48	17.28					9.374124624	97.65203812			-0.11	-1.12	Excellent
1624	05/04/21 19:30:00	9.48	17.30					9.374289411	97.69432593			-0.11	-1.12	Excellent
1625	05/04/21 20:00:00	9.45	17.32					9.344788204	97.42732543			-0.11	-1.11	Excellent
1626	05/04/21 20:30:00	9.44	17.32					9.335063631	97.32593853			-0.10	-1.11	Excellent
1627	05/04/21 21:00:00	9.43	17.34					9.32533871	97.26491402			-0.10	-1.11	Excellent
1628	05/04/21 21:30:00	9.41	17.34					9.305724255	97.06033183			-0.10	-1.11	Excellent
1629	05/04/21 22:00:00	9.41	17.30					9.305887826	96.98147757			-0.10	-1.11	Excellent
1630	05/04/21 22:30:00	9.40	17.30					9.296161862	96.88011827			-0.10	-1.10	Excellent
1631	05/04/21 23:00:00	9.40	17.30					9.296325258	96.88182111			-0.10	-1.10	Excellent
1632	05/04/21 23:30:00	9.38	17.36				10.958	9.276708891	96.79785535		10.890	-0.10	-1.10	Excellent
1633	05/05/21 00:00:00	9.38	17.40	8.89	9.38	9.02625		9.27687194	96.87988572	8.931		-0.10	-1.10	Excellent
1634	05/05/21 00:30:00	9.34	17.46					9.237474072	96.58845397			-0.10	-1.10	Excellent
1635	05/05/21 01:00:00	9.33	17.46					9.227746022	96.48673598			-0.10	-1.10	Excellent
1636	05/05/21 01:30:00	9.30	17.42					9.198236471	96.09851171			-0.10	-1.09	Excellent
1637	05/05/21 02:00:00	9.27	17.34					9.168725877	95.63141478			-0.10	-1.09	Excellent
1638	05/05/21 02:30:00	9.25	17.28					9.149105165	95.30796764			-0.10	-1.09	Excellent
1639	05/05/21 03:00:00	9.23	17.22					9.129483757	94.98505224			-0.10	-1.09	Excellent
1640	05/05/21 03:30:00	9.21	17.16					9.109861654	94.66266847			-0.10	-1.09	Excellent
1641	05/05/21 04:00:00	9.20	17.10					9.100130302	94.44347215			-0.10	-1.09	Excellent
1642	05/05/21 04:30:00	9.17	17.06					9.070615362	94.05871313			-0.10	-1.08	Excellent
1643	05/05/21 05:00:00	9.15	17.02					9.050991173	93.77695531			-0.10	-1.08	Excellent
1644	05/05/21 05:30:00	9.11	16.98					9.011582354	93.29073318			-0.10	-1.08	Excellent
1645	05/05/21 06:00:00	9.10	16.94					9.001848568	93.11215416			-0.10	-1.08	Excellent
1646	05/05/21 06:30:00	9.08	16.90					8.98222212	92.83151545			-0.10	-1.08	Excellent
1647	05/05/21 07:00:00	9.06	16.86					8.962594976	92.55122177			-0.10	-1.08	Excellent
1648	05/05/21 07:30:00	9.04	16.82					8.942967136	92.27127305			-0.10	-1.07	Excellent
1649	05/05/21 08:00:00	9.02	16.80					8.923338602	92.0302084			-0.10	-1.07	Excellent
1650	05/05/21 08:30:00	9.02	16.78					8.923495393	91.99328561			-0.10	-1.07	Excellent
1651	05/05/21 09:00:00	9.00	16.78					8.903865815	91.79092216			-0.10	-1.07	Excellent
1652	05/05/21 09:30:00	8.99	16.80					8.8941289	91.72895625			-0.10	-1.07	Excellent
1653	05/05/21 10:00:00	8.98	16.82					8.884391638	91.66690587			-0.10	-1.06	Excellent
1654	05/05/21 10:30:00	8.97	16.82					8.874654028	91.56643568			-0.10	-1.06	Excellent
1655	05/05/21 11:00:00	8.96	16.82					8.86491607	91.46596189			-0.10	-1.06	Excellent
1656	05/05/21 11:30:00	8.95	16.82					8.855177765	91.36548452			-0.09	-1.06	Excellent
1657	05/05/21 12:00:00	8.95	16.84					8.855333339	91.40534156			-0.09	-1.06	Excellent
1658	05/05/21 12:30:00	8.94	16.86					8.845594512	91.34302974			-0.09	-1.06	Excellent
1659	05/05/21 13:00:00	8.94	16.90					8.845749913	91.4210714			-0.09	-1.05	Excellent
1660	05/05/21 13:30:00	8.95	16.94					8.855800062	91.60147655			-0.09	-1.05	Excellent
1661	05/05/21 14:00:00	8.95	16.96					8.855955636	91.64135951			-0.09	-1.05	Excellent
1662	05/05/21 14:30:00	8.96	16.98					8.866006306	91.78368417			-0.09	-1.05	Excellent
1663	05/05/21 15:00:00	8.96	17.00					8.866162054	91.82362079			-0.09	-1.05	Excellent
1664	05/05/21 15:30:00	8.95	17.04					8.856422358	91.7993242			-0.09	-1.05	Excellent
1665	05/05/21 16:00:00	8.94	17.10					8.846682315	91.81312433			-0.09	-1.04	Excellent
1666	05/05/21 16:30:00	8.94	17.16					8.846837715	91.9295262			-0.09	-1.04	Excellent
1667	05/05/21 17:00:00	8.94	17.22					8.846993115	92.04596071			-0.09	-1.04	Excellent
1668	05/05/21 17:30:00	8.92	17.28					8.827356237	91.95624789			-0.09	-1.04	Excellent
1669	05/05/21 18:00:00	8.91	17.32					8.817614977	91.9310984			-0.09	-1.04	Excellent
1670	05/05/21 18:30:00	8.92	17.36					8.827666343	92.11231911			-0.09	-1.04	Excellent
1671	05/05/21 19:00:00	8.91	17.40					8.817924734	92.08702525			-0.09	-1.03	Excellent
1672	05/05/21 19:30:00	8.90	17.44					8.808182779	92.06157165			-0.09	-1.03	Excellent
1673	05/05/21 20:00:00	8.90	17.46					8.808337484	92.1013356			-0.09	-1.03	Excellent
1674	05/05/21 20:30:00	8.89	17.46					8.798595007	91.99946675			-0.09	-1.03	Excellent
1675	05/05/21 21:00:00	8.90	17.46					8.808646894	92.10457084			-0.09	-1.03	Excellent
1676	05/05/21 21:30:00	8.89	17.44					8.798904069	91.96459221			-0.09	-1.02	Excellent
1677	05/05/21 22:00:00	8.89	17.44					8.7990586	91.96620734			-0.09	-1.02	Excellent
1678	05/05/21 22:30:00	8.89	17.46					8.799213131	92.00592996			-0.09	-1.02	Excellent
1679	05/05/21 23:00:00	8.90	17.46					8.809265714	92.11104132			-0.09	-1.02	Excellent
1680	05/05/21 23:30:00	8.91	17.48				10.509	8.819318644	92.25435401		10.458	-0.09	-1.02	Excellent
1681	05/06/21 00:00:00	8.92	17.46	8.92	9.31	9.06604		8.829371922	92.32127493	8.978		-0.09	-1.02	Excellent
1682	05/06/21 00:30:00	8.92	17.44					8.829526975	92.28465742			-0.09	-1.01	Excellent
1683	05/06/21 01:00:00	8.93	17.44					8.839580774	92.38973795			-0.09	-1.01	Excellent
1684	05/06/21 01:30:00	8.93	17.42					8.839736001	92.35308053			-0.09	-1.01	Excellent
1685	05/06/21 02:00:00	8.94	17.40					8.849790322	92.41980277			-0.09	-1.01	Excellent
1686	05/06/21 02:30:00	8.96	17.36					8.869744258	92.55138128			-0.09	-1.01	Excellent
1687	05/06/21 03:00:00	8.96	17.32					8.869900006	92.47621408			-0.09	-1.01	Excellent
1688	05/06/21 03:30:00	8.95	17.30					8.860156138	92.33627677			-0.09	-1.00	Excellent
1689	05/06/21 04:00:00	8.95	17.28					8.860311713	92.29955135			-0.09	-1.00	Excellent
1690	05/06/21 04:30:00	8.94	17.22					8.850567323	92.08314752			-0.09	-1.00	Excellent
1691	05/06/21 05:00:00	8.94	17.18					8.850722724	92.00818241			-0.09	-1.00	Excellent
1692	05/06/21 05:30:00	8.94	17.14					8.850878124	91.93322733			-0.09	-1.00	Excellent
1693	05/06/21 06:00:00	8.95	17.10					8.860934009	91.96103204			-0.09	-1.00	Excellent
1694	05/06/21 06:30:00	8.95	17.06					8.861089583	91.88601323			-0.09	-0.99	Excellent
1695	05/06/21 07:00:00	8.95	17.02					8.861245158	91.81100448			-0.09	-0.99	Excellent
1696	05/06/21 07:30:00	8.94	17.00					8.851499725	91.67176837			-0.09	-0.99	Excellent
1697	05/06/21 08:00:00	8.95	16.98					8.861556306	91.73761636			-0.09	-0.99	Excellent
1698	05/06/21 08:30:00	8.95	16.94					8.86171188	91.66262645			-0.09	-0.99	Excellent
1699	05/06/21 09:00:00	8.96	16.92					8.871768982	91.7283149			-0.09	-0.98	Excellent
1700	05/06/21 09:30:00	8.95	16.90					8.862023028	91.5892545			-0.09	-0.98	Excellent
1701	05/06/21 10:00:00	8.97	16.92					8.881982354	91.83391451			-0.09	-0.98	Excellent
1702	05/06/21 10:30:00	8.98	16.92					8.892040325	91.93790738			-0.09	-0.98	Excellent
1703	05/06/21 11:00:00	8.98	16.96					8.89219642	92.01637887			-0.09	-0.98	Excellent
1704	05/06/21 11:30:00	8.99	17.00					8.902254913	92.19742142			-0.09	-0.98	Excellent
1705	05/06/21 12:00:00	9.00	17.06					8.912313753	92.41718772			-0.09	-0.97	Excellent
1706	05/06/21 12:30:00	9.01	17.10					8.922372941	92.59866095			-0.09	-0.97	Excellent
1707	05/06/21 13:00:00	9.03	17.12					8.942335395	92.84450923			-0.09	-0.97	Excellent
1708	05/06/21 13:30:00	9.05	17.16					8.962298545	93.12930625			-0.09	-0.97	Excellent
1709	05/06/21 14:00:00	9.07	17.18					8.98226239	93.37561036			-0.09	-0.97	Excellent
1710	05/06/21 14:30:00	9.08	17.22					8.99232349	93.55800822			-0.09	-0.97	Excellent
1711	05/06/21 15:00:00	9.11	17.26					9.022192165	93.94684667			-0.09	-0.96	Excellent
1712	05/06/21 15:30:00	9.13	17.30					9.042158096	94.23301344			-0.09	-0.96	Excellent
1713	05/06/21 16:00:00	9.17	17.34					9.081932644	94.72614618			-0.09	-0.96	Excellent
1714	05/06/21 16:30:00	9.19	17.38					9.101900313	95.0132199			-0.09	-0.96	Excellent
1715	05/06/21 17:00:00	9.21	17.40					9.121868677	95.26116139			-0.09	-0.96	Excellent
1716	05/06/21 17:30:00	9.22	17.44					9.131933254	95.44535447			-0.09	-0.96	Excellent
1717	05/06/21 18:00:00	9.23	17.48					9.141998178	95.62973857			-0.09	-0.95	Excellent
1718	05/06/21 18:30:00	9.23	17.54					9.14215862	95.75022436			-0.09	-0.95	Excellent
1719	05/06/21 19:00:00	9.23	17.58					9.142319061	95.83112741			-0.09	-0.95	Excellent
1720	05/06/21 19:30:00	9.23	17.62					9.142479502	95.91204627			-0.09	-0.95	Excellent
1721	05/06/21 20:00:00	9.24	17.66					9.152545295	96.09698199			-0.09	-0.95	Excellent
1722	05/06/21 20:30:00	9.24	17.68					9.152705911	96.13834263			-0.09	-0.94	Excellent
1723	05/06/21 21:00:00	9.25	17.70					9.162772225	96.2837985			-0.09	-0.94	Excellent
1724	05/06/21 21:30:00	9.26	17.70					9.172838888	96.38958051			-0.09	-0.94	Excellent
1725	05/06/21 22:00:00	9.28	17.66					9.192811945	96.51976095			-0.09	-0.94	Excellent
1726	05/06/21 22:30:00	9.29	17.60					9.202879477	96.50580921			-0.09	-0.94	Excellent
1727	05/06/21 23:00:00	9.31	17.54					9.222853751	96.59538328			-0.09	-0.94	Excellent
1728	05/06/21 23:30:00	9.31	17.48				10.042	9.223015583	96.47721995		10.001	-0.09	-0.93	Excellent
1729	05/07/21 00:00:00	9.31	17.44	9.17	9.56	9.31458		9.223177415	96.39902233	9.232		-0.09	-0.93	Excellent
1730	05/07/21 00:30:00	9.31	17.40					9.223339247	96.32083508			-0.09	-0.93	Excellent
1731	05/07/21 01:00:00	9.31	17.34					9.223501079	96.20272971			-0.09	-0.93	Excellent

1732	05/07/21 01:30:00	9.30	17.30					9.213755647	96.02132041			-0.09	-0.93	Excellent
1733	05/07/21 02:00:00	9.30	17.26					9.213917305	95.9432542			-0.09	-0.93	Excellent
1734	05/07/21 02:30:00	9.29	17.20					9.204171351	95.7222958			-0.09	-0.92	Excellent
1735	05/07/21 03:00:00	9.28	17.16					9.19442505	95.54138617			-0.09	-0.92	Excellent
1736	05/07/21 03:30:00	9.26	17.08					9.174770441	95.17843178			-0.09	-0.92	Excellent
1737	05/07/21 04:00:00	9.26	17.04					9.174931404	95.1007606			-0.09	-0.92	Excellent
1738	05/07/21 04:30:00	9.26	16.98					9.175092367	94.98344022			-0.08	-0.92	Excellent
1739	05/07/21 05:00:00	9.24	16.94					9.155436368	94.70081572			-0.08	-0.92	Excellent
1740	05/07/21 05:30:00	9.23	16.90					9.145688328	94.52094326			-0.08	-0.91	Excellent
1741	05/07/21 06:00:00	9.22	16.88					9.135939941	94.38071951			-0.08	-0.91	Excellent
1742	05/07/21 06:30:00	9.20	16.86					9.116282203	94.13825552			-0.08	-0.91	Excellent
1743	05/07/21 07:00:00	9.18	16.84					9.096623771	93.89595749			-0.08	-0.91	Excellent
1744	05/07/21 07:30:00	9.18	16.84					9.096783343	93.89760461			-0.08	-0.91	Excellent
1745	05/07/21 08:00:00	9.19	16.84					9.106852439	94.00153849			-0.08	-0.90	Excellent
1746	05/07/21 08:30:00	9.18	16.86					9.097102487	93.94019835			-0.08	-0.90	Excellent
1747	05/07/21 09:00:00	9.18	16.86					9.097262059	93.94184616			-0.08	-0.90	Excellent
1748	05/07/21 09:30:00	9.17	16.84					9.087511586	93.80190092			-0.08	-0.90	Excellent
1749	05/07/21 10:00:00	9.18	16.82					9.097581204	93.86654189			-0.08	-0.90	Excellent
1750	05/07/21 10:30:00	9.20	16.80					9.117561562	94.03331288			-0.08	-0.90	Excellent
1751	05/07/21 11:00:00	9.22	16.84					9.137542615	94.31832454			-0.08	-0.89	Excellent
1752	05/07/21 11:30:00	9.24	16.86					9.157524364	94.56413802			-0.08	-0.89	Excellent
1753	05/07/21 12:00:00	9.25	16.92					9.167595894	94.78697255			-0.08	-0.89	Excellent
1754	05/07/21 12:30:00	9.26	16.96					9.177667771	94.97043417			-0.08	-0.89	Excellent
1755	05/07/21 13:00:00	9.27	17.00					9.187739996	95.15408675			-0.08	-0.89	Excellent
1756	05/07/21 13:30:00	9.27	17.04					9.187901133	95.23519551			-0.08	-0.89	Excellent
1757	05/07/21 14:00:00	9.28	17.08					9.197973879	95.41914264			-0.08	-0.88	Excellent
1758	05/07/21 14:30:00	9.29	17.10					9.208046973	95.56345887			-0.08	-0.88	Excellent
1759	05/07/21 15:00:00	9.29	17.12					9.208208457	95.60495746			-0.08	-0.88	Excellent
1760	05/07/21 15:30:00	9.30	17.14					9.218282073	95.74941713			-0.08	-0.88	Excellent
1761	05/07/21 16:00:00	9.30	17.16					9.218443731	95.79096981			-0.08	-0.88	Excellent
1762	05/07/21 16:30:00	9.32	17.16					9.238430347	95.99865534			-0.08	-0.88	Excellent
1763	05/07/21 17:00:00	9.32	17.18					9.238592352	96.0403028			-0.08	-0.87	Excellent
1764	05/07/21 17:30:00	9.34	17.16					9.258580011	96.20803514			-0.08	-0.87	Excellent
1765	05/07/21 18:00:00	9.35	17.12					9.268655365	96.2325523			-0.08	-0.87	Excellent
1766	05/07/21 18:30:00	9.40	17.06					9.318383763	96.62797398			-0.08	-0.87	Excellent
1767	05/07/21 19:00:00	9.47	16.98					9.387940596	97.186912			-0.08	-0.87	Excellent
1768	05/07/21 19:30:00	9.52	16.90					9.437672818	97.53861109			-0.08	-0.86	Excellent
1769	05/07/21 20:00:00	9.54	16.86					9.457665692	97.66351344			-0.08	-0.86	Excellent
1770	05/07/21 20:30:00	9.55	16.82					9.467745391	97.68580236			-0.08	-0.86	Excellent
1771	05/07/21 21:00:00	9.55	16.80					9.467911395	97.64662059			-0.08	-0.86	Excellent
1772	05/07/21 21:30:00	9.56	16.78					9.477991616	97.70964755			-0.08	-0.86	Excellent
1773	05/07/21 22:00:00	9.53	16.78					9.448414621	97.40473509			-0.08	-0.86	Excellent
1774	05/07/21 22:30:00	9.51	16.76					9.428751147	97.16130362			-0.08	-0.85	Excellent
1775	05/07/21 23:00:00	9.48	16.76					9.39917224	96.85649918			-0.08	-0.85	Excellent
1776	05/07/21 23:30:00	9.46	16.74				9.716	9.379507202	96.61335257		9.678	-0.08	-0.85	Excellent
1777	05/08/21 00:00:00	9.46	16.68	9.37	9.72	9.53125		9.379671641	96.49355711	9.454		-0.08	-0.85	Excellent
1778	05/08/21 00:30:00	9.46	16.62					9.37983608	96.37378805			-0.08	-0.85	Excellent
1779	05/08/21 01:00:00	9.45	16.54					9.370085085	96.11186921			-0.08	-0.85	Excellent
1780	05/08/21 01:30:00	9.45	16.48					9.370249351	95.9922892			-0.08	-0.84	Excellent
1781	05/08/21 02:00:00	9.43	16.44					9.350582053	95.71015361			-0.08	-0.84	Excellent
1782	05/08/21 02:30:00	9.41	16.38					9.33091406	95.38813234			-0.08	-0.84	Excellent
1783	05/08/21 03:00:00	9.40	16.34					9.321161501	95.20806513			-0.08	-0.84	Excellent
1784	05/08/21 03:30:00	9.39	16.30					9.311408594	95.02817621			-0.08	-0.84	Excellent
1785	05/08/21 04:00:00	9.38	16.26					9.30165534	94.84846554			-0.08	-0.84	Excellent
1786	05/08/21 04:30:00	9.37	16.20					9.291901738	94.62890048			-0.08	-0.83	Excellent
1787	05/08/21 05:00:00	9.38	16.14					9.301981437	94.61134471			-0.08	-0.83	Excellent
1788	05/08/21 05:30:00	9.39	16.08					9.312061484	94.59356283			-0.08	-0.83	Excellent
1789	05/08/21 06:00:00	9.39	16.04					9.312224707	94.51503197			-0.08	-0.83	Excellent
1790	05/08/21 06:30:00	9.39	16.00					9.312387929	94.43651206			-0.08	-0.83	Excellent
1791	05/08/21 07:00:00	9.41	15.96					9.332386192	94.55897863			-0.08	-0.82	Excellent
1792	05/08/21 07:30:00	9.45	15.92					9.372220536	94.88193011			-0.08	-0.82	Excellent
1793	05/08/21 08:00:00	9.48	15.88					9.402138405	95.10390336			-0.08	-0.82	Excellent
1794	05/08/21 08:30:00	9.49	15.86					9.412221233	95.16540064			-0.08	-0.82	Excellent
1795	05/08/21 09:00:00	9.49	15.88					9.412386194	95.20756113			-0.08	-0.82	Excellent
1796	05/08/21 09:30:00	9.48	15.88					9.402632765	95.10890388			-0.08	-0.82	Excellent
1797	05/08/21 10:00:00	9.48	15.88					9.402797552	95.11057072			-0.08	-0.81	Excellent
1798	05/08/21 10:30:00	9.49	15.88					9.412881076	95.21256693			-0.08	-0.81	Excellent
1799	05/08/21 11:00:00	9.48	15.90					9.403127126	95.15436067			-0.08	-0.81	Excellent
1800	05/08/21 11:30:00	9.49	15.88					9.413210997	95.21590413			-0.08	-0.81	Excellent
1801	05/08/21 12:00:00	9.49	15.90					9.413375958	95.25807309			-0.08	-0.81	Excellent
1802	05/08/21 12:30:00	9.50	15.90					9.423460351	95.36012147			-0.08	-0.81	Excellent
1803	05/08/21 13:00:00	9.51	15.90					9.433545091	95.46217337			-0.08	-0.80	Excellent
1804	05/08/21 13:30:00	9.54	15.90					9.463469738	95.76499398			-0.08	-0.80	Excellent
1805	05/08/21 14:00:00	9.55	15.92					9.473555522	95.90781922			-0.08	-0.80	Excellent
1806	05/08/21 14:30:00	9.57	15.88					9.49356178	96.02866318			-0.08	-0.80	Excellent
1807	05/08/21 15:00:00	9.58	15.88					9.503648432	96.13069104			-0.08	-0.80	Excellent
1808	05/08/21 15:30:00	9.58	15.90					9.503814958	96.17326492			-0.08	-0.80	Excellent
1809	05/08/21 16:00:00	9.58	15.88					9.503981483	96.13405989			-0.08	-0.79	Excellent
1810	05/08/21 16:30:00	9.59	15.88					9.514068831	96.23609478			-0.08	-0.79	Excellent
1811	05/08/21 17:00:00	9.60	15.88					9.524156526	96.33813318			-0.08	-0.79	Excellent
1812	05/08/21 17:30:00	9.63	15.86					9.55408691	96.59978086			-0.08	-0.79	Excellent
1813	05/08/21 18:00:00	9.63	15.84					9.554254304	96.56037398			-0.08	-0.79	Excellent
1814	05/08/21 18:30:00	9.66	15.80					9.584186252	96.78043657			-0.08	-0.78	Excellent
1815	05/08/21 19:00:00	9.67	15.78					9.594275859	96.84105988			-0.08	-0.78	Excellent
1816	05/08/21 19:30:00	9.69	15.76					9.61428768	97.00170844			-0.08	-0.78	Excellent
1817	05/08/21 20:00:00	9.69	15.74					9.614456117	96.9620674			-0.08	-0.78	Excellent
1818	05/08/21 20:30:00	9.69	15.72					9.614624554	96.92242848			-0.08	-0.78	Excellent
1819	05/08/21 21:00:00	9.70	15.72					9.624715379	97.02415135			-0.08	-0.78	Excellent
1820	05/08/21 21:30:00	9.70	15.70					9.62488399	96.98447295			-0.08	-0.77	Excellent
1821	05/08/21 22:00:00	9.71	15.68					9.634975336	97.04473977			-0.08	-0.77	Excellent
1822	05/08/21 22:30:00	9.71	15.64					9.635144121	96.96361329			-0.07	-0.77	Excellent
1823	05/08/21 23:00:00	9.72	15.60					9.645235988	96.98227432			-0.07	-0.77	Excellent
1824	05/08/21 23:30:00	9.72	15.56				9.617	9.645404947	96.90108735		9.573	-0.07	-0.77	Excellent
1825	05/09/21 00:00:00	9.73	15.50	9.54	9.91	9.66750		9.655497335	96.87804726	9.597		-0.07	-0.77	Excellent
1826	05/09/21 00:30:00	9.72	15.44					9.645742864	96.65590272			-0.07	-0.76	Excellent
1827	05/09/21 01:00:00	9.69	15.40					9.61614049	96.27669324			-0.07	-0.76	Excellent
1828	05/09/21 01:30:00	9.68	15.36					9.606384976	96.09654275			-0.07	-0.76	Excellent
1829	05/09/21 02:00:00	9.65	15.30					9.576780864	95.67709164			-0.07	-0.76	Excellent
1830	05/09/21 02:30:00	9.63	15.28					9.557100007	95.43945811			-0.07	-0.76	Excellent
1831	05/09/21 03:00:00	9.61	15.22					9.537418456	95.12015431			-0.07	-0.76	Excellent
1832	05/09/21 03:30:00	9.59	15.18					9.517736209	94.84220353			-0.07	-0.75	Excellent
1833	05/09/21 04:00:00	9.59	15.14					9.517902908	94.7622251			-0.07	-0.75	Excellent
1834	05/09/21 04:30:00	9.57	15.10					9.498219619	94.48479787			-0.07	-0.75	Excellent
1835	05/09/21 05:00:00	9.56	15.06					9.488460802	94.30636257			-0.07	-0.75	Excellent
1836	05/09/21 05:30:00	9.55	15.02					9.478701637	94.12810559			-0.07	-0.75	Excellent
1837	05/09/21 06:00:00	9.55	14.98					9.478867641	94.04850705			-0.07	-0.74	Excellent
1838	05/09/21 06:30:00	9.54	14.94					9.469107955	93.87052334			-0.07	-0.74	Excellent
1839	05/09/21 07:00:00	9.54	14.92					9.469273785	93.83159752			-0.07	-0.74	Excellent
1840	05/09/21 07:30:00	9.55	14.90					9.479365652	93.89098906			-0.07	-0.74	Excellent
1841	05/09/21 08:00:00	9.54	14.90					9.469605445	93.7943164			-0.07	-0.74	Excellent
1842	05/09/21 08:30:00	9.54	14.88					9.469771275	93.75539427			-0.07	-0.74	Excellent
1843	05/09/21 09:00:00	9.55	14.86					9.479863663	93.81470963			-0.07	-0.73	Excellent
1844	05/09/21 09:30:00	9.54	14.84					9.470102934	93.67755661			-0.07	-0.73	Excellent
1845	05/09/21 10:00:00	9.54	14.84					9.470268764	93.67919699			-0.07	-0.73	Excellent
1846	05/09/21 10:30:00	9.55	14.84					9.480361674	93.77903531			-0.07	-0.73	Excellent
1847	05/09/21 11:00:00	9.55	14.84					9.480527678	93.7806774			-0.07	-0.73	Excellent

1848	05/09/21 11:30:00	9.55	14.84					9.480693682	93.7823195			-0.07	-0.73	Excellent
1849	05/09/21 12:00:00	9.58	14.82					9.510642491	94.03784211			-0.07	-0.72	Excellent
1850	05/09/21 12:30:00	9.62	14.80					9.550520118	94.39124198			-0.07	-0.72	Excellent
1851	05/09/21 13:00:00	9.64	14.80					9.570543238	94.5891377			-0.07	-0.72	Excellent
1852	05/09/21 13:30:00	9.64	14.82					9.570710806	94.6317762			-0.07	-0.72	Excellent
1853	05/09/21 14:00:00	9.64	14.84					9.570878374	94.6744198			-0.07	-0.72	Excellent
1854	05/09/21 14:30:00	9.63	14.86					9.561117471	94.61881428			-0.07	-0.72	Excellent
1855	05/09/21 15:00:00	9.65	14.88					9.581142155	94.85802077			-0.07	-0.71	Excellent
1856	05/09/21 15:30:00	9.65	14.90					9.581309897	94.90072393			-0.07	-0.71	Excellent
1857	05/09/21 16:00:00	9.65	14.90					9.581477639	94.90238538			-0.07	-0.71	Excellent
1858	05/09/21 16:30:00	9.67	14.88					9.601503713	95.05961022			-0.07	-0.71	Excellent
1859	05/09/21 17:00:00	9.70	14.86					9.631459823	95.31493688			-0.07	-0.71	Excellent
1860	05/09/21 17:30:00	9.72	14.84					9.651487462	95.47179892			-0.07	-0.70	Excellent
1861	05/09/21 18:00:00	9.75	14.80					9.681445484	95.68522468			-0.07	-0.70	Excellent
1862	05/09/21 18:30:00	9.79	14.76					9.72133441	95.99621788			-0.07	-0.70	Excellent
1863	05/09/21 19:00:00	9.81	14.72					9.741364656	96.11061251			-0.07	-0.70	Excellent
1864	05/09/21 19:30:00	9.83	14.68					9.761395598	96.22468605			-0.07	-0.70	Excellent
1865	05/09/21 20:00:00	9.82	14.66					9.751636086	96.08674909			-0.07	-0.70	Excellent
1866	05/09/21 20:30:00	9.84	14.62					9.771667896	96.20050868			-0.07	-0.69	Excellent
1867	05/09/21 21:00:00	9.85	14.60					9.781769672	96.25811059			-0.07	-0.69	Excellent
1868	05/09/21 21:30:00	9.86	14.54					9.791871795	96.23186883			-0.07	-0.69	Excellent
1869	05/09/21 22:00:00	9.88	14.48					9.811905343	96.30287794			-0.07	-0.69	Excellent
1870	05/09/21 22:30:00	9.89	14.42					9.822008335	96.2760673			-0.07	-0.69	Excellent
1871	05/09/21 23:00:00	9.91	14.38					9.842043101	96.38831708			-0.07	-0.69	Excellent
1872	05/09/21 23:30:00	9.91	14.36				9.506	9.842215363	96.34794289		9.451	-0.07	-0.68	Excellent
1873	05/10/21 00:00:00	9.91	14.32	9.87	10.65	10.26958		9.842387624	96.26551676	10.204		-0.07	-0.68	Excellent
1874	05/10/21 00:30:00	9.91	14.32					9.842559886	96.2672016			-0.07	-0.68	Excellent
1875	05/10/21 01:00:00	9.90	14.30					9.832800026	96.12973377			-0.07	-0.68	Excellent
1876	05/10/21 01:30:00	9.88	14.30					9.813107523	95.93721129			-0.07	-0.68	Excellent
1877	05/10/21 02:00:00	9.88	14.28					9.813279263	95.89696803			-0.07	-0.68	Excellent
1878	05/10/21 02:30:00	9.87	14.28					9.80351836	95.8015829			-0.07	-0.67	Excellent
1879	05/10/21 03:00:00	9.88	14.24					9.813622743	95.81648862			-0.07	-0.67	Excellent
1880	05/10/21 03:30:00	9.88	14.22					9.813794483	95.77625248			-0.07	-0.67	Excellent
1881	05/10/21 04:00:00	9.89	14.18					9.823899387	95.7909691			-0.07	-0.67	Excellent
1882	05/10/21 04:30:00	9.92	14.14					9.853871315	95.99907848			-0.07	-0.67	Excellent
1883	05/10/21 05:00:00	9.92	14.10					9.85404375	95.91663122			-0.07	-0.66	Excellent
1884	05/10/21 05:30:00	9.98	14.04					9.9138183	96.37153376			-0.07	-0.66	Excellent
1885	05/10/21 06:00:00	9.99	13.96					9.923925638	96.30043278			-0.07	-0.66	Excellent
1886	05/10/21 06:30:00	10.02	13.92					9.95390139	96.50640441			-0.07	-0.66	Excellent
1887	05/10/21 07:00:00	10.04	13.86					9.973943977	96.57313365			-0.07	-0.66	Excellent
1888	05/10/21 07:30:00	10.06	13.82					9.993987261	96.68199225			-0.07	-0.66	Excellent
1889	05/10/21 08:00:00	10.08	13.78					10.01403124	96.7905317			-0.07	-0.65	Excellent
1890	05/10/21 08:30:00	10.10	13.74					10.03407591	96.8987521			-0.07	-0.65	Excellent
1891	05/10/21 09:00:00	10.14	13.72					10.07399109	97.24128699			-0.07	-0.65	Excellent
1892	05/10/21 09:30:00	10.16	13.70					10.0940375	97.39178306			-0.07	-0.65	Excellent
1893	05/10/21 10:00:00	10.17	13.68					10.10414936	97.44630165			-0.07	-0.65	Excellent
1894	05/10/21 10:30:00	10.20	13.64					10.13413241	97.64913025			-0.07	-0.65	Excellent
1895	05/10/21 11:00:00	10.25	13.64					10.1839877	98.12951926			-0.07	-0.64	Excellent
1896	05/10/21 11:30:00	10.28	13.62					10.21397319	98.3749487			-0.07	-0.64	Excellent
1897	05/10/21 12:00:00	10.31	13.64					10.24395972	98.70738966			-0.07	-0.64	Excellent
1898	05/10/21 12:30:00	10.32	13.64					10.25407505	98.80485765			-0.07	-0.64	Excellent
1899	05/10/21 13:00:00	10.34	13.68					10.27412702	99.08559799			-0.07	-0.64	Excellent
1900	05/10/21 13:30:00	10.34	13.72					10.27430676	99.17487554			-0.07	-0.64	Excellent
1901	05/10/21 14:00:00	10.35	13.74					10.28442314	99.31634728			-0.07	-0.63	Excellent
1902	05/10/21 14:30:00	10.36	13.76					10.29453986	99.4579127			-0.07	-0.63	Excellent
1903	05/10/21 15:00:00	10.42	13.76					10.35434187	100.0356737			-0.07	-0.63	Excellent
1904	05/10/21 15:30:00	10.45	13.80					10.38433449	100.413954			-0.07	-0.63	Excellent
1905	05/10/21 16:00:00	10.49	13.82					10.42426548	100.8445106			-0.07	-0.63	Excellent
1906	05/10/21 16:30:00	10.50	13.82					10.43438533	100.9424102			-0.07	-0.62	Excellent
1907	05/10/21 17:00:00	10.55	13.82					10.48425627	101.4248625			-0.07	-0.62	Excellent
1908	05/10/21 17:30:00	10.57	13.82					10.50431537	101.6189145			-0.07	-0.62	Excellent
1909	05/10/21 18:00:00	10.60	13.84					10.5343132	101.954021			-0.07	-0.62	Excellent
1910	05/10/21 18:30:00	10.62	13.86					10.55437386	102.1931705			-0.07	-0.62	Excellent
1911	05/10/21 19:00:00	10.63	13.90					10.56449685	102.3812792			-0.07	-0.62	Excellent
1912	05/10/21 19:30:00	10.65	13.92					10.58455873	102.6208383			-0.07	-0.61	Excellent
1913	05/10/21 20:00:00	10.64	13.96					10.57480513	102.6164793			-0.07	-0.61	Excellent
1914	05/10/21 20:30:00	10.64	13.96					10.57499008	102.6182741			-0.07	-0.61	Excellent
1915	05/10/21 21:00:00	10.65	13.96					10.5851141	102.7165162			-0.06	-0.61	Excellent
1916	05/10/21 21:30:00	10.65	13.96					10.58529923	102.7183127			-0.06	-0.61	Excellent
1917	05/10/21 22:00:00	10.65	13.96					10.58548435	102.7201091			-0.06	-0.61	Excellent
1918	05/10/21 22:30:00	10.65	13.94					10.58566948	102.6767544			-0.06	-0.60	Excellent
1919	05/10/21 23:00:00	10.62	13.92					10.55603529	102.344294			-0.06	-0.60	Excellent
1920	05/10/21 23:30:00	10.63	13.92				9.483	10.56615984	102.4424549		9.646	-0.06	-0.60	Excellent
1921	05/11/21 00:00:00	10.62	13.88	10.53	10.67	10.59364		10.5564045	102.2578418	10.667		-0.06	-0.60	Excellent
1922	05/11/21 00:30:00	10.64	13.88					10.57646968	102.4522094			-0.06	-0.60	Excellent
1923	05/11/21 01:00:00	10.62	13.86					10.5567737	102.2164071			-0.06	-0.60	Excellent
1924	05/11/21 01:30:00	10.61	13.84					10.54701767	102.0769785			-0.06	-0.59	Excellent
1925	05/11/21 02:00:00	10.62	13.84					10.55714291	102.1749734			-0.06	-0.59	Excellent
1926	05/11/21 02:30:00	10.62	13.80					10.55732751	102.0867539			-0.06	-0.59	Excellent
1927	05/11/21 03:00:00	10.62	13.78					10.55751212	102.0435414			-0.06	-0.59	Excellent
1928	05/11/21 03:30:00	10.61	13.74					10.54775538	101.8593384			-0.06	-0.59	Excellent
1929	05/11/21 04:00:00	10.57	13.70					10.50817378	101.3875549			-0.06	-0.58	Excellent
1930	05/11/21 04:30:00	10.56	13.68					10.49841584	101.2486811			-0.06	-0.58	Excellent
1931	05/11/21 05:00:00	10.57	13.64					10.50854125	101.2568094			-0.06	-0.58	Excellent
1932	05/11/21 05:30:00	10.55	13.62					10.48884093	101.0223122			-0.06	-0.58	Excellent
1933	05/11/21 06:00:00	10.55	13.58					10.48902431	100.9347468			-0.06	-0.58	Excellent
1934	05/11/21 06:30:00	10.53	13.54					10.46932294	100.6560155			-0.06	-0.58	Excellent
1935	05/11/21 07:00:00	10.54	13.52					10.47944853	100.7087564			-0.06	-0.57	Excellent
1936	05/11/21 07:30:00	10.55	13.48					10.48957447	100.7167736			-0.06	-0.57	Excellent
1937	05/11/21 08:00:00	10.56	13.46					10.49970076	100.7693183			-0.06	-0.57	Excellent
1938	05/11/21 08:30:00	10.57	13.46					10.50982739	100.8665071			-0.06	-0.57	Excellent
1939	05/11/21 09:00:00	10.60	13.46					10.53984086	101.154557			-0.06	-0.57	Excellent
1940	05/11/21 09:30:00	10.62	13.48					10.55991196	101.3921265			-0.06	-0.57	Excellent
1941	05/11/21 10:00:00	10.66	13.50					10.59987093	101.8209113			-0.06	-0.56	Excellent
1942	05/11/21 10:30:00	10.67	13.54					10.61	102.0085377			-0.06	-0.56	Excellent
1943	05/11/21 11:00:00	10.70	13.60					10.71	102.2323057			0.01	0.09	Excellent
1944	05/11/21 11:30:00	10.74	13.66					10.74997719	102.7500397			0.01	0.09	Excellent
1945	05/11/21 12:00:00	10.72	13.72					10.72989854	102.6940401			0.01	0.09	Excellent
1946	05/11/21 12:30:00	10.73	13.78					10.73984764	102.9253406			0.01	0.09	Excellent
1947	05/11/21 13:00:00	10.73	13.82					10.7397875	103.0155044			0.01	0.09	Excellent
1948	05/11/21 13:30:00	10.73	13.86					10.73972737	103.105684			0.01	0.09	Excellent
1949	05/11/21 14:00:00	10.75	13.90					10.75968526	103.3882295			0.01	0.09	Excellent
1950	05/11/21 14:30:00	10.76	13.94					10.76963396	103.5748678			0.01	0.09	Excellent
1951	05/11/21 15:00:00	10.79	13.96					10.79960036	103.9087181			0.01	0.09	Excellent
1952	05/11/21 15:30:00	10.83	13.98					10.83957525	104.3391654			0.01	0.09	Excellent
1953	05/11/21 16:00:00	10.83	13.98					10.83951456	104.3385811			0.01	0.09	Excellent
1954	05/11/21 16:30:00	10.83	13.96					10.83945386	104.2921699			0.01	0.09	Excellent
1955	05/11/21 17:00:00	10.86	13.94					10.86941919	104.5345329			0.01	0.09	Excellent
1956	05/11/21 17:30:00	10.89	13.94					10.89938418	104.8227154			0.01	0.09	Excellent
1957	05/11/21 18:00:00	10.90	13.96					10.90933171	104.964502			0.01	0.09	Excellent
1958	05/11/21 18:30:00	10.89	13.96					10.89926212	104.8676171			0.01	0.09	Excellent
1959	05/11/21 19:00:00	10.86	13.98					10.86917574	104.6240926			0.01	0.08	Excellent
1960	05/11/21 19:30:00	10.84	13.96					10.8490981	104.3849622			0.01	0.08	Excellent
1961	05/11/21 20:00:00	10.81	13.94					10.81901233	104.0497547			0.01	0.08	Excellent
1962	05/11/21 20:30:00	10.76	13.92					10.76891035	103.5223882			0.01	0.08	Excellent
1963	05/11/21 21:00:00	10.75	13.90					10.75884182	103.380125			0.01	0.08	Excellent

1964	05/11/21 21:30:00	10.73	13.88					10.73876524	103.1418275			0.01	0.08	Excellent
1965	05/11/21 22:00:00	10.69	13.86					10.69867265	102.7115422			0.01	0.08	Excellent
1966	05/11/21 22:30:00	10.68	13.84					10.68860469	102.5697215			0.01	0.08	Excellent
1967	05/11/21 23:00:00	10.65	13.82					10.65852083	102.2359986			0.01	0.08	Excellent
1968	05/11/21 23:30:00	10.63	13.82				9.652	10.63844526	102.0434347		9.580	0.01	0.08	Excellent
1969	05/12/21 00:00:00	10.62	13.80	10.41	10.62	10.53750		10.6283778	101.9019666	10.544		0.01	0.08	Excellent
1970	05/12/21 00:30:00	10.60	13.80					10.60830261	101.7094913			0.01	0.08	Excellent
1971	05/12/21 01:00:00	10.61	13.78					10.61825099	101.760019			0.01	0.08	Excellent
1972	05/12/21 01:30:00	10.60	13.76					10.6081838	101.6187323			0.01	0.08	Excellent
1973	05/12/21 02:00:00	10.59	13.76					10.59811674	101.522297			0.01	0.08	Excellent
1974	05/12/21 02:30:00	10.60	13.76					10.608065	101.6175942			0.01	0.08	Excellent
1975	05/12/21 03:00:00	10.60	13.76					10.60800559	101.6170251			0.01	0.08	Excellent
1976	05/12/21 03:30:00	10.60	13.76					10.60794619	101.6164561			0.01	0.07	Excellent
1977	05/12/21 04:00:00	10.60	13.76					10.60788678	101.615887			0.01	0.07	Excellent
1978	05/12/21 04:30:00	10.57	13.74					10.57780522	101.283052			0.01	0.07	Excellent
1979	05/12/21 05:00:00	10.56	13.74					10.56773866	101.1866641			0.01	0.07	Excellent
1980	05/12/21 05:30:00	10.57	13.74					10.57768675	101.2819176			0.01	0.07	Excellent
1981	05/12/21 06:00:00	10.59	13.74					10.59764195	101.4729897			0.01	0.07	Excellent
1982	05/12/21 06:30:00	10.56	13.72					10.56756112	101.1403362			0.01	0.07	Excellent
1983	05/12/21 07:00:00	10.54	13.72					10.54748773	100.9482172			0.01	0.07	Excellent
1984	05/12/21 07:30:00	10.56	13.72					10.56744276	101.1392033			0.01	0.07	Excellent
1985	05/12/21 08:00:00	10.54	13.70					10.54736959	100.9025479			0.01	0.07	Excellent
1986	05/12/21 08:30:00	10.53	13.68					10.53730359	100.7617584			0.01	0.07	Excellent
1987	05/12/21 09:00:00	10.52	13.64					10.52723769	100.576618			0.01	0.07	Excellent
1988	05/12/21 09:30:00	10.50	13.58					10.50716509	100.251801			0.01	0.07	Excellent
1989	05/12/21 10:00:00	10.51	13.52					10.51711301	100.2135838			0.01	0.07	Excellent
1990	05/12/21 10:30:00	10.49	13.50					10.49704069	99.97803747			0.01	0.07	Excellent
1991	05/12/21 11:00:00	10.46	13.48					10.46696193	99.64740162			0.01	0.07	Excellent
1992	05/12/21 11:30:00	10.45	13.48					10.45689671	99.55157887			0.01	0.07	Excellent
1993	05/12/21 12:00:00	10.44	13.46					10.44683161	99.41169256			0.01	0.07	Excellent
1994	05/12/21 12:30:00	10.41	13.44					10.41675364	99.08153797			0.01	0.06	Excellent
1995	05/12/21 13:00:00	10.43	13.44					10.43670816	99.27134037			0.01	0.06	Excellent
1996	05/12/21 13:30:00	10.43	13.40					10.43664971	99.1827617			0.01	0.06	Excellent
1997	05/12/21 14:00:00	10.44	13.36					10.44659757	99.1892094			0.01	0.06	Excellent
1998	05/12/21 14:30:00	10.44	13.34					10.44653907	99.14461535			0.01	0.06	Excellent
1999	05/12/21 15:00:00	10.46	13.32					10.46649297	99.28987274			0.01	0.06	Excellent
2000	05/12/21 15:30:00	10.47	13.32					10.4764405	99.38423951			0.01	0.06	Excellent
2001	05/12/21 16:00:00	10.48	13.32					10.48638792	99.47860522			0.01	0.06	Excellent
2002	05/12/21 16:30:00	10.52	13.32					10.52635335	99.85773526			0.01	0.06	Excellent
2003	05/12/21 17:00:00	10.56	13.32					10.56631833	100.2368611			0.01	0.06	Excellent
2004	05/12/21 17:30:00	10.55	13.28					10.55625322	100.0523979			0.01	0.06	Excellent
2005	05/12/21 18:00:00	10.56	13.28					10.56619996	100.1466733			0.01	0.06	Excellent
2006	05/12/21 18:30:00	10.60	13.28					10.60616404	100.5254538			0.01	0.06	Excellent
2007	05/12/21 19:00:00	10.56	13.28					10.5660816	100.1455515			0.01	0.06	Excellent
2008	05/12/21 19:30:00	10.54	13.30					10.54601102	99.9997673			0.01	0.06	Excellent
2009	05/12/21 20:00:00	10.54	13.30					10.54595195	99.9992072			0.01	0.06	Excellent
2010	05/12/21 20:30:00	10.57	13.28					10.57590965	100.238702			0.01	0.06	Excellent
2011	05/12/21 21:00:00	10.56	13.30					10.56584488	100.1878367			0.01	0.06	Excellent
2012	05/12/21 21:30:00	10.55	13.30					10.55578022	100.0924012			0.01	0.05	Excellent
2013	05/12/21 22:00:00	10.57	13.32					10.57573194	100.3261629			0.01	0.05	Excellent
2014	05/12/21 22:30:00	10.59	13.34					10.59568344	100.5600948			0.01	0.05	Excellent
2015	05/12/21 23:00:00	10.59	13.36					10.59562409	100.6041986			0.01	0.05	Excellent
2016	05/12/21 23:30:00	10.57	13.36				9.868	10.57555423	100.4136376		9.811	0.01	0.05	Excellent
2017	05/13/21 00:00:00	10.57	13.36	10.57	10.75	10.69667		10.575495	100.4130752	10.701		0.01	0.05	Excellent
2018	05/13/21 00:30:00	10.61	13.36					10.61545633	100.7925033			0.01	0.05	Excellent
2019	05/13/21 01:00:00	10.61	13.34					10.61539687	100.7471884			0.01	0.05	Excellent
2020	05/13/21 01:30:00	10.62	13.32					10.62534244	100.7967904			0.01	0.05	Excellent
2021	05/13/21 02:00:00	10.63	13.28					10.6352879	100.8014903			0.01	0.05	Excellent
2022	05/13/21 02:30:00	10.62	13.26					10.62522341	100.6613239			0.01	0.05	Excellent
2023	05/13/21 03:00:00	10.63	13.22					10.63516875	100.6659235			0.01	0.05	Excellent
2024	05/13/21 03:30:00	10.65	13.16					10.65511879	100.7201068			0.01	0.05	Excellent
2025	05/13/21 04:00:00	10.65	13.12					10.65505911	100.6297969			0.01	0.05	Excellent
2026	05/13/21 04:30:00	10.66	13.06					10.66500412	100.5890087			0.01	0.05	Excellent
2027	05/13/21 05:00:00	10.67	12.98					10.67494901	100.5030824			0.00	0.05	Excellent
2028	05/13/21 05:30:00	10.68	12.92					10.6848938	100.4618382			0.00	0.05	Excellent
2029	05/13/21 06:00:00	10.71	12.86					10.71484752	100.6082582			0.00	0.05	Excellent
2030	05/13/21 06:30:00	10.72	12.80					10.72479197	100.5663344			0.00	0.04	Excellent
2031	05/13/21 07:00:00	10.74	12.74					10.74474072	100.6178833			0.00	0.04	Excellent
2032	05/13/21 07:30:00	10.71	12.70					10.71466746	100.2462			0.00	0.04	Excellent
2033	05/13/21 08:00:00	10.73	12.66					10.73461604	100.3426227			0.00	0.04	Excellent
2034	05/13/21 08:30:00	10.74	12.60					10.74456016	100.3001599			0.00	0.04	Excellent
2035	05/13/21 09:00:00	10.72	12.58					10.72449159	100.0677748			0.00	0.04	Excellent
2036	05/13/21 09:30:00	10.70	12.56					10.70442324	99.83556479			0.00	0.04	Excellent
2037	05/13/21 10:00:00	10.72	12.54					10.72437143	99.97657674			0.00	0.04	Excellent
2038	05/13/21 10:30:00	10.73	12.52					10.73431538	100.0242043			0.00	0.04	Excellent
2039	05/13/21 11:00:00	10.71	12.54					10.71424731	99.88219592			0.00	0.04	Excellent
2040	05/13/21 11:30:00	10.70	12.56					10.70418338	99.83332772			0.00	0.04	Excellent
2041	05/13/21 12:00:00	10.71	12.58					10.71412727	99.97106776			0.00	0.04	Excellent
2042	05/13/21 12:30:00	10.70	12.58					10.70406345	99.87716457			0.00	0.04	Excellent
2043	05/13/21 13:00:00	10.69	12.58					10.69399974	99.78326243			0.00	0.04	Excellent
2044	05/13/21 13:30:00	10.68	12.60					10.68393615	99.73423658			0.00	0.04	Excellent
2045	05/13/21 14:00:00	10.68	12.60					10.6838763	99.73367785			0.00	0.04	Excellent
2046	05/13/21 14:30:00	10.71	12.60					10.71382716	100.0132683			0.00	0.04	Excellent
2047	05/13/21 15:00:00	10.71	12.62					10.71376714	100.057713			0.00	0.04	Excellent
2048	05/13/21 15:30:00	10.69	12.60					10.6937002	99.8253837			0.00	0.03	Excellent
2049	05/13/21 16:00:00	10.71	12.60					10.7136471	100.0115875			0.00	0.03	Excellent
2050	05/13/21 16:30:00	10.72	12.60					10.72359043	100.1044081			0.00	0.03	Excellent
2051	05/13/21 17:00:00	10.73	12.64					10.73353364	100.2874081			0.00	0.03	Excellent
2052	05/13/21 17:30:00	10.71	12.64					10.71346704	100.0999183			0.00	0.03	Excellent
2053	05/13/21 18:00:00	10.72	12.64					10.7234102	100.192821			0.00	0.03	Excellent
2054	05/13/21 18:30:00	10.73	12.66					10.73335324	100.3308186			0.00	0.03	Excellent
2055	05/13/21 19:00:00	10.72	12.66					10.72329004	100.2367521			0.00	0.03	Excellent
2056	05/13/21 19:30:00	10.72	12.66					10.72322996	100.2361905			0.00	0.03	Excellent
2057	05/13/21 20:00:00	10.73	12.64					10.73317284	100.284037			0.00	0.03	Excellent
2058	05/13/21 20:30:00	10.73	12.64					10.73311271	100.2834752			0.00	0.03	Excellent
2059	05/13/21 21:00:00	10.74	12.64					10.74305542	100.3763736			0.00	0.03	Excellent
2060	05/13/21 21:30:00	10.74	12.66					10.74299523	100.4209478			0.00	0.03	Excellent
2061	05/13/21 22:00:00	10.73	12.66					10.73293231	100.3268839			0.00	0.03	Excellent
2062	05/13/21 22:30:00	10.75	12.68					10.75287753	100.5585058			0.00	0.03	Excellent
2063	05/13/21 23:00:00	10.73	12.70					10.73281204	100.4159603			0.00	0.03	Excellent
2064	05/13/21 23:30:00	10.73	12.70				10.101	10.73275191	100.4153977		10.057	0.00	0.03	Excellent
2065	05/14/21 00:00:00	10.74	12.72	10.55	10.76	10.66458		10.74269429	100.5535668	10.666		0.00	0.03	Excellent
2066	05/14/21 00:30:00	10.75	12.76					10.75263655	100.7370218			0.00	0.02	Excellent
2067	05/14/21 01:00:00	10.72	12.80					10.72256911	100.5454907			0.00	0.02	Excellent
2068	05/14/21 01:30:00	10.75	12.84					10.75251606	100.9167307			0.00	0.02	Excellent
2069	05/14/21 02:00:00	10.74	12.88					10.74245353	100.9126502			0.00	0.02	Excellent
2070	05/14/21 02:30:00	10.74	12.92					10.74239334	101.0024622			0.00	0.02	Excellent
2071	05/14/21 03:00:00	10.72	12.96					10.72232881	100.9040367			0.00	0.02	Excellent
2072	05/14/21 03:30:00	10.74	13.00					10.74227296	101.1821353			0.00	0.02	Excellent
2073	05/14/21 04:00:00	10.73	13.02					10.73221071	101.132528			0.00	0.02	Excellent
2074	05/14/21 04:30:00	10.74	13.04					10.74215258	101.2714288			0.00	0.02	Excellent
2075	05/14/21 05:00:00	10.73	13.06					10.73209045	101.2217461			0.00	0.02	Excellent
2076	05/14/21 05:30:00	10.75	13.08					10.7520341	101.4551146			0.00	0.02	Excellent
2077	05/14/21 06:00:00	10.75	13.08					10.75197385	101.4545461			0.00	0.02	Excellent
2078	05/14/21 06:30:00	10.74	13.08					10.74191183	101.3596018			0.00	0.02	Excellent
2079	05/14/21 07:00:00	10.76	13.04					10.76185508	101.4571738			0.00	0.02	Excellent

2080	05/14/21 07:30:00	10.74	13.02					10.74179145	101.2228099			0.00	0.02	Excellent
2081	05/14/21 08:00:00	10.73	13.00					10.73172965	101.0828271			0.00	0.02	Excellent
2082	05/14/21 08:30:00	10.73	12.98					10.73166951	101.0370976			0.00	0.02	Excellent
2083	05/14/21 09:00:00	10.72	12.98					10.72160788	100.9423688			0.00	0.01	Excellent
2084	05/14/21 09:30:00	10.72	12.96					10.7215478	100.896687			0.00	0.01	Excellent
2085	05/14/21 10:00:00	10.72	12.96					10.72148772	100.8961216			0.00	0.01	Excellent
2086	05/14/21 10:30:00	10.72	12.98					10.72142765	100.9406719			0.00	0.01	Excellent
2087	05/14/21 11:00:00	10.71	13.00					10.71136629	100.8910234			0.00	0.01	Excellent
2088	05/14/21 11:30:00	10.70	13.02					10.70130505	100.8412956			0.00	0.01	Excellent
2089	05/14/21 12:00:00	10.65	13.06					10.65123927	100.4591829			0.00	0.01	Excellent
2090	05/14/21 12:30:00	10.61	13.08					10.61117515	100.1259837			0.00	0.01	Excellent
2091	05/14/21 13:00:00	10.61	13.12					10.61111569	100.2147812			0.00	0.01	Excellent
2092	05/14/21 13:30:00	10.61	13.12					10.61105623	100.2142197			0.00	0.01	Excellent
2093	05/14/21 14:00:00	10.59	13.14					10.59099489	100.0693549			0.00	0.01	Excellent
2094	05/14/21 14:30:00	10.59	13.14					10.59093554	100.0687941			0.00	0.01	Excellent
2095	05/14/21 15:00:00	10.56	13.16					10.56087371	99.82923226			0.00	0.01	Excellent
2096	05/14/21 15:30:00	10.55	13.18					10.55081376	99.7785783			0.00	0.01	Excellent
2097	05/14/21 16:00:00	10.56	13.22					10.56075535	99.9615723			0.00	0.01	Excellent
2098	05/14/21 16:30:00	10.55	13.28					10.55069551	99.99972181			0.00	0.01	Excellent
2099	05/14/21 17:00:00	10.62	13.30					10.62064061	100.7074227			0.00	0.01	Excellent
2100	05/14/21 17:30:00	10.59	13.32					10.59057945	100.4670131			0.00	0.01	Excellent
2101	05/14/21 18:00:00	10.59	13.34					10.5905201	100.5110913			0.00	0.00	Excellent
2102	05/14/21 18:30:00	10.61	13.36					10.61046163	100.7450792			0.00	0.00	Excellent
2103	05/14/21 19:00:00	10.57	13.36					10.57040065	100.364705			0.00	0.00	Excellent
2104	05/14/21 19:30:00	10.60	13.36					10.60034238	100.6489982			0.00	0.00	Excellent
2105	05/14/21 20:00:00	10.61	13.34					10.61028324	100.6986567			0.00	0.00	Excellent
2106	05/14/21 20:30:00	10.61	13.34					10.61022378	100.6980924			0.00	0.00	Excellent
2107	05/14/21 21:00:00	10.61	13.32					10.61016432	100.652804			0.00	0.00	Excellent
2108	05/14/21 21:30:00	10.61	13.30					10.61010486	100.6075203			0.00	0.00	Excellent
2109	05/14/21 22:00:00	10.61	13.28					10.6100454	100.5622413			0.00	0.00	Excellent
2110	05/14/21 22:30:00	10.61	13.30					10.60998594	100.6063926			0.00	0.00	Excellent
2111	05/14/21 23:00:00	10.60	13.30					10.59992655	100.5110071			0.00	0.00	Excellent
2112	05/14/21 23:30:00	10.59	13.30				10.294	10.58986727	100.4156226		10.262	0.00	0.00	Excellent
2113	05/15/21 00:00:00	10.60	13.32	10.25	10.60	10.42104		10.59980774	100.5545567	10.419		0.00	0.00	Excellent
2114	05/15/21 00:30:00	10.57	13.32					10.56974905	100.2694064			0.00	0.00	Excellent
2115	05/15/21 01:00:00	10.57	13.34					10.56968981	100.3133979			0.00	0.00	Excellent
2116	05/15/21 01:30:00	10.59	13.36					10.58962987	100.5472842			0.00	0.00	Excellent
2117	05/15/21 02:00:00	10.55	13.38					10.54957215	100.2114179			0.00	0.00	Excellent
2118	05/15/21 02:30:00	10.56	13.42					10.55951256	100.3948934			0.00	0.00	Excellent
2119	05/15/21 03:00:00	10.54	13.46					10.53945442	100.293088			0.00	-0.01	Excellent
2120	05/15/21 03:30:00	10.55	13.50					10.54939477	100.4766788			0.00	-0.01	Excellent
2121	05/15/21 04:00:00	10.55	13.54					10.54933565	100.5651306			0.00	-0.01	Excellent
2122	05/15/21 04:30:00	10.56	13.58					10.55927584	100.7490042			0.00	-0.01	Excellent
2123	05/15/21 05:00:00	10.55	13.64					10.5492174	100.7866108			0.00	-0.01	Excellent
2124	05/15/21 05:30:00	10.54	13.70					10.53915907	100.8240011			0.00	-0.01	Excellent
2125	05/15/21 06:00:00	10.52	13.74					10.51910171	100.7209628			0.00	-0.01	Excellent
2126	05/15/21 06:30:00	10.51	13.80					10.50904367	100.7578237			0.00	-0.01	Excellent
2127	05/15/21 07:00:00	10.52	13.86					10.5189838	100.9864573			0.00	-0.01	Excellent
2128	05/15/21 07:30:00	10.51	13.92					10.50892587	101.0231368			0.00	-0.01	Excellent
2129	05/15/21 08:00:00	10.49	13.96					10.48886912	100.919007			0.00	-0.01	Excellent
2130	05/15/21 08:30:00	10.48	14.02					10.47881147	100.955156			0.00	-0.01	Excellent
2131	05/15/21 09:00:00	10.48	14.06					10.47875274	101.0432226			0.00	-0.01	Excellent
2132	05/15/21 09:30:00	10.47	14.10					10.46869525	101.0348052			0.00	-0.01	Excellent
2133	05/15/21 10:00:00	10.46	14.14					10.45863788	101.0262348			0.00	-0.01	Excellent
2134	05/15/21 10:30:00	10.45	14.20					10.44858061	101.0617303			0.00	-0.01	Excellent
2135	05/15/21 11:00:00	10.45	14.24					10.44852205	101.1496133			0.00	-0.01	Excellent
2136	05/15/21 11:30:00	10.40	14.28					10.39847084	100.7531213			0.00	-0.01	Excellent
2137	05/15/21 12:00:00	10.39	14.32					10.38841408	100.7436516			0.00	-0.02	Excellent
2138	05/15/21 12:30:00	10.38	14.38					10.37835743	100.7779862			0.00	-0.02	Excellent
2139	05/15/21 13:00:00	10.36	14.40					10.35830254	100.6271218			0.00	-0.02	Excellent
2140	05/15/21 13:30:00	10.36	14.40					10.35824448	100.6265577			0.00	-0.02	Excellent
2141	05/15/21 14:00:00	10.37	14.40					10.36818467	100.723123			0.00	-0.02	Excellent
2142	05/15/21 14:30:00	10.32	14.42					10.31813559	100.2806249			0.00	-0.02	Excellent
2143	05/15/21 15:00:00	10.33	14.44					10.32807589	100.4209899			0.00	-0.02	Excellent
2144	05/15/21 15:30:00	10.34	14.48					10.33801608	100.6052484			0.00	-0.02	Excellent
2145	05/15/21 16:00:00	10.32	14.52					10.31796208	100.497546			0.00	-0.02	Excellent
2146	05/15/21 16:30:00	10.30	14.54					10.29790831	100.3458694			0.00	-0.02	Excellent
2147	05/15/21 17:00:00	10.35	14.56					10.34784015	100.8762839			0.00	-0.02	Excellent
2148	05/15/21 17:30:00	10.36	14.58					10.35778	101.0170929			0.00	-0.02	Excellent
2149	05/15/21 18:00:00	10.35	14.62					10.34772414	101.0067667			0.00	-0.02	Excellent
2150	05/15/21 18:30:00	10.36	14.66					10.35766388	101.1916374			0.00	-0.02	Excellent
2151	05/15/21 19:00:00	10.33	14.70					10.32761276	100.985653			0.00	-0.02	Excellent
2152	05/15/21 19:30:00	10.32	14.76					10.31755723	101.0186399			0.00	-0.02	Excellent
2153	05/15/21 20:00:00	10.31	14.80					10.30750182	101.0076634			0.00	-0.02	Excellent
2154	05/15/21 20:30:00	10.30	14.80					10.29744652	100.9091272			0.00	-0.02	Excellent
2155	05/15/21 21:00:00	10.26	14.80					10.25739894	100.5166836			0.00	-0.03	Excellent
2156	05/15/21 21:30:00	10.25	14.80					10.24734403	100.4181512			0.00	-0.03	Excellent
2157	05/15/21 22:00:00	10.26	14.80					10.25728394	100.5155567			0.00	-0.03	Excellent
2158	05/15/21 22:30:00	10.26	14.80					10.25722644	100.5149932			0.00	-0.03	Excellent
2159	05/15/21 23:00:00	10.29	14.82					10.28716066	100.8519889			0.00	-0.03	Excellent
2160	05/15/21 23:30:00	10.27	14.80				10.421	10.26710862	100.611833		10.400	0.00	-0.03	Excellent
2161	05/16/21 00:00:00	10.29	14.78	10.09	10.32	10.23417		10.28704533	100.7635485	10.230		0.00	-0.03	Excellent
2162	05/16/21 00:30:00	10.30	14.76					10.29698473	100.8172157			0.00	-0.03	Excellent
2163	05/16/21 01:00:00	10.29	14.74					10.28692999	100.6751256			0.00	-0.03	Excellent
2164	05/16/21 01:30:00	10.26	14.70					10.25688144	100.2940268			0.00	-0.03	Excellent
2165	05/16/21 02:00:00	10.30	14.70					10.29681156	100.6844722			0.00	-0.03	Excellent
2166	05/16/21 02:30:00	10.31	14.70					10.30675068	100.7816591			0.00	-0.03	Excellent
2167	05/16/21 03:00:00	10.32	14.68					10.3166897	100.8350857			0.00	-0.03	Excellent
2168	05/16/21 03:30:00	10.32	14.66					10.31663186	100.7907654			0.00	-0.03	Excellent
2169	05/16/21 04:00:00	10.30	14.64					10.29658067	100.5512044			0.00	-0.03	Excellent
2170	05/16/21 04:30:00	10.28	14.64					10.27652969	100.3553968			0.00	-0.03	Excellent
2171	05/16/21 05:00:00	10.28	14.66					10.27647208	100.398415			0.00	-0.03	Excellent
2172	05/16/21 05:30:00	10.26	14.64					10.25642145	100.1590298			0.00	-0.03	Excellent
2173	05/16/21 06:00:00	10.27	14.64					10.2663604	100.2560886			0.00	-0.04	Excellent
2174	05/16/21 06:30:00	10.26	14.62					10.25630645	100.1144153			0.00	-0.04	Excellent
2175	05/16/21 07:00:00	10.25	14.58					10.24625261	99.92939131			0.00	-0.04	Excellent
2176	05/16/21 07:30:00	10.26	14.58					10.25619145	100.0263226			0.00	-0.04	Excellent
2177	05/16/21 08:00:00	10.26	14.56					10.25613395	99.98228283			0.00	-0.04	Excellent
2178	05/16/21 08:30:00	10.25	14.58					10.24608028	99.92771061			0.00	-0.04	Excellent
2179	05/16/21 09:00:00	10.25	14.60					10.24602283	99.97059042			0.00	-0.04	Excellent
2180	05/16/21 09:30:00	10.25	14.66					10.24596539	100.1003727			0.00	-0.04	Excellent
2181	05/16/21 10:00:00	10.25	14.72					10.24590795	100.2301884			0.00	-0.04	Excellent
2182	05/16/21 10:30:00	10.25	14.80					10.2458505	100.4035155			0.00	-0.04	Excellent
2183	05/16/21 11:00:00	10.24	14.90					10.23579716	100.5222334			0.00	-0.04	Excellent
2184	05/16/21 11:30:00	10.25	14.98					10.24573562	100.7938614			0.00	-0.04	Excellent
2185	05/16/21 12:00:00	10.26	15.06					10.25567396	101.0658874			0.00	-0.04	Excellent
2186	05/16/21 12:30:00	10.24	15.14					10.235625	101.0422891			0.00	-0.04	Excellent
2187	05/16/21 13:00:00	10.23	15.22					10.22557194	101.1169158			0.00	-0.04	Excellent
2188	05/16/21 13:30:00	10.19	15.28					10.18553215	100.8509062			0.00	-0.04	Excellent
2189	05/16/21 14:00:00	10.20	15.32					10.1954706	101.0360336			0.00	-0.04	Excellent
2190	05/16/21 14:30:00	10.22	15.38					10.21540445	101.363943			0.00	-0.04	Excellent
2191	05/16/21 15:00:00	10.18	15.42					10.17536538	101.0532387			0.00	-0.05	Excellent
2192	05/16/21 15:30:00	10.21	15.44					10.2052945	101.3938975			0.00	-0.05	Excellent
2193	05/16/21 16:00:00	10.22	15.48					10.21523262	101.5795883			0.00	-0.05	Excellent
2194	05/16/21 16:30:00	10.22	15.52					10.21517535	101.6659847			0.00	-0.05	Excellent
2195	05/16/21 17:00:00	10.23	15.58					10.22511329	101.8954957			0.00	-0.05	Excellent

2196	05/16/21 17:30:00	10.21	15.62					10.20506563	101.7826338			0.00	-0.05	Excellent
2197	05/16/21 18:00:00	10.24	15.66					10.23499374	102.1683162			-0.01	-0.05	Excellent
2198	05/16/21 18:30:00	10.17	15.70					10.16497097	101.5559368			-0.01	-0.05	Excellent
2199	05/16/21 19:00:00	10.19	15.72					10.18490397	101.7984764			-0.01	-0.05	Excellent
2200	05/16/21 19:30:00	10.20	15.74					10.19484181	101.9412449			-0.01	-0.05	Excellent
2201	05/16/21 20:00:00	10.18	15.74					10.17479487	101.7407896			-0.01	-0.05	Excellent
2202	05/16/21 20:30:00	10.21	15.76					10.20472231	102.0835282			-0.01	-0.05	Excellent
2203	05/16/21 21:00:00	10.21	15.76					10.2046651	102.0829558			-0.01	-0.05	Excellent
2204	05/16/21 21:30:00	10.19	15.78					10.18461844	101.9258213			-0.01	-0.05	Excellent
2205	05/16/21 22:00:00	10.14	15.80					10.13458802	101.4683197			-0.01	-0.05	Excellent
2206	05/16/21 22:30:00	10.15	15.82					10.1445258	101.6110574			-0.01	-0.05	Excellent
2207	05/16/21 23:00:00	10.11	15.80					10.10449071	101.166983			-0.01	-0.05	Excellent
2208	05/16/21 23:30:00	10.09	15.80				10.502	10.08444506	100.9662844		10.490	-0.01	-0.06	Excellent
2209	05/17/21 00:00:00	10.07	15.76	9.83	10.19	10.00125		10.06439964	100.6798023	9.994		-0.01	-0.06	Excellent
2210	05/17/21 00:30:00	10.05	15.74					10.04435444	100.4364771			-0.01	-0.06	Excellent
2211	05/17/21 01:00:00	10.06	15.72					10.05429245	100.4930095			-0.01	-0.06	Excellent
2212	05/17/21 01:30:00	10.05	15.70					10.0442418	100.3497588			-0.01	-0.06	Excellent
2213	05/17/21 02:00:00	10.03	15.68					10.02419704	100.1067912			-0.01	-0.06	Excellent
2214	05/17/21 02:30:00	10.03	15.68					10.02414083	100.1062299			-0.01	-0.06	Excellent
2215	05/17/21 03:00:00	10.02	15.68					10.01409052	100.0058623			-0.01	-0.06	Excellent
2216	05/17/21 03:30:00	10.01	15.70					10.00404032	99.94811496			-0.01	-0.06	Excellent
2217	05/17/21 04:00:00	9.99	15.70					9.983996243	99.74785908			-0.01	-0.06	Excellent
2218	05/17/21 04:30:00	9.95	15.70					9.94396452	99.34791115			-0.01	-0.06	Excellent
2219	05/17/21 05:00:00	9.94	15.70					9.93391488	99.24750745			-0.01	-0.06	Excellent
2220	05/17/21 05:30:00	9.91	15.68					9.903877707	98.9052204			-0.01	-0.06	Excellent
2221	05/17/21 06:00:00	9.88	15.66					9.873840871	98.56319624			-0.01	-0.06	Excellent
2222	05/17/21 06:30:00	9.88	15.62					9.873785502	98.47853314			-0.01	-0.06	Excellent
2223	05/17/21 07:00:00	9.88	15.56					9.873730132	98.35184321			-0.01	-0.06	Excellent
2224	05/17/21 07:30:00	9.87	15.52					9.863681164	98.16775774			-0.01	-0.06	Excellent
2225	05/17/21 08:00:00	9.86	15.48					9.853632309	97.98385902			-0.01	-0.06	Excellent
2226	05/17/21 08:30:00	9.88	15.42					9.873564023	98.05599938			-0.01	-0.07	Excellent
2227	05/17/21 09:00:00	9.83	15.40					9.823541504	97.51741783			-0.01	-0.07	Excellent
2228	05/17/21 09:30:00	9.84	15.40					9.833479789	97.61607429			-0.01	-0.07	Excellent
2229	05/17/21 10:00:00	9.84	15.38					9.833424643	97.57368882			-0.01	-0.07	Excellent
2230	05/17/21 10:30:00	9.88	15.38					9.873342544	97.96978042			-0.01	-0.07	Excellent
2231	05/17/21 11:00:00	9.90	15.38					9.893273586	98.16754929			-0.01	-0.07	Excellent
2232	05/17/21 11:30:00	9.93	15.38					9.923197553	98.46447452			-0.01	-0.07	Excellent
2233	05/17/21 12:00:00	9.92	15.38					9.913148809	98.36476429			-0.01	-0.07	Excellent
2234	05/17/21 12:30:00	9.93	15.40					9.923086253	98.50558965			-0.01	-0.07	Excellent
2235	05/17/21 13:00:00	9.91	15.40					9.90304464	98.30663835			-0.01	-0.07	Excellent
2236	05/17/21 13:30:00	9.96	15.42					9.95295373	98.8444317			-0.01	-0.07	Excellent
2237	05/17/21 14:00:00	9.95	15.44					9.942905042	98.78694771			-0.01	-0.07	Excellent
2238	05/17/21 14:30:00	10.02	15.48					10.01279897	99.56660166			-0.01	-0.07	Excellent
2239	05/17/21 15:00:00	10.01	15.50					10.00275006	99.50925288			-0.01	-0.07	Excellent
2240	05/17/21 15:30:00	10.05	15.54					10.04266477	99.99183667			-0.01	-0.07	Excellent
2241	05/17/21 16:00:00	10.03	15.56					10.02262316	99.83496085			-0.01	-0.07	Excellent
2242	05/17/21 16:30:00	10.07	15.58					10.0625373	100.2753903			-0.01	-0.07	Excellent
2243	05/17/21 17:00:00	10.07	15.60					10.06248087	100.3176776			-0.01	-0.07	Excellent
2244	05/17/21 17:30:00	10.06	15.60					10.05243196	100.2174952			-0.01	-0.08	Excellent
2245	05/17/21 18:00:00	10.11	15.62					10.10233768	100.7580523			-0.01	-0.08	Excellent
2246	05/17/21 18:30:00	10.09	15.66					10.08229629	100.6440514			-0.01	-0.08	Excellent
2247	05/17/21 19:00:00	10.12	15.66					10.11221667	100.9427243			-0.01	-0.08	Excellent
2248	05/17/21 19:30:00	10.12	15.70					10.11215996	101.0283139			-0.01	-0.08	Excellent
2249	05/17/21 20:00:00	10.11	15.70					10.10211105	100.9279175			-0.01	-0.08	Excellent
2250	05/17/21 20:30:00	10.10	15.72					10.09206225	100.87052			-0.01	-0.08	Excellent
2251	05/17/21 21:00:00	10.09	15.74					10.08201356	100.8130418			-0.01	-0.08	Excellent
2252	05/17/21 21:30:00	10.14	15.76					10.13191716	101.3552177			-0.01	-0.08	Excellent
2253	05/17/21 22:00:00	10.13	15.80					10.12186836	101.3409694			-0.01	-0.08	Excellent
2254	05/17/21 22:30:00	10.13	15.82					10.12181159	101.3835441			-0.01	-0.08	Excellent
2255	05/17/21 23:00:00	10.19	15.86					10.18170598	102.0702748			-0.01	-0.08	Excellent
2256	05/17/21 23:30:00	10.17	15.88				10.464	10.16166527	101.9126932		10.460	-0.01	-0.08	Excellent
2257	05/18/21 00:00:00	10.20	15.90	10.20	10.36	10.29654		10.19158352	102.2562027	10.526		-0.01	-0.08	Excellent
2258	05/18/21 00:30:00	10.25	15.88					10.24148482	102.7132141			-0.01	-0.08	Excellent
2259	05/18/21 01:00:00	10.28	15.84					10.27140228	102.9256803			-0.01	-0.08	Excellent
2260	05/18/21 01:30:00	10.28	15.82					10.27134467	102.8813189			-0.01	-0.08	Excellent
2261	05/18/21 02:00:00	10.30	15.80					10.29127011	103.0370335			-0.01	-0.08	Excellent
2262	05/18/21 02:30:00	10.32	15.78					10.31119532	103.1925799			-0.01	-0.09	Excellent
2263	05/18/21 03:00:00	10.33	15.78					10.3211289	103.2919933			-0.01	-0.09	Excellent
2264	05/18/21 03:30:00	10.30	15.78					10.29109694	102.9914389			-0.01	-0.09	Excellent
2265	05/18/21 04:00:00	10.29	15.76					10.28104791	102.8470558			-0.01	-0.09	Excellent
2266	05/18/21 04:30:00	10.31	15.74					10.30097273	103.0024794			-0.01	-0.09	Excellent
2267	05/18/21 05:00:00	10.28	15.70					10.27094139	102.6146635			-0.01	-0.09	Excellent
2268	05/18/21 05:30:00	10.32	15.70					10.31084831	103.0133645			-0.01	-0.09	Excellent
2269	05/18/21 06:00:00	10.35	15.68					10.3407637	103.2681888			-0.01	-0.09	Excellent
2270	05/18/21 06:30:00	10.31	15.68					10.30074162	102.8685077			-0.01	-0.09	Excellent
2271	05/18/21 07:00:00	10.32	15.68					10.3106748	102.9677056			-0.01	-0.09	Excellent
2272	05/18/21 07:30:00	10.29	15.68					10.28064424	102.6678049			-0.01	-0.09	Excellent
2273	05/18/21 08:00:00	10.33	15.66					10.32054998	103.0223604			-0.01	-0.09	Excellent
2274	05/18/21 08:30:00	10.33	15.66					10.32049209	103.0217825			-0.01	-0.09	Excellent
2275	05/18/21 09:00:00	10.31	15.68					10.30045272	102.8656226			-0.01	-0.09	Excellent
2276	05/18/21 09:30:00	10.29	15.70					10.28041357	102.7092979			-0.01	-0.09	Excellent
2277	05/18/21 10:00:00	10.27	15.74					10.26037465	102.5965271			-0.01	-0.09	Excellent
2278	05/18/21 10:30:00	10.24	15.78					10.23034538	102.3834482			-0.01	-0.09	Excellent
2279	05/18/21 11:00:00	10.27	15.80					10.26025954	102.7265532			-0.01	-0.09	Excellent
2280	05/18/21 11:30:00	10.30	15.82					10.29017336	103.0699135			-0.01	-0.10	Excellent
2281	05/18/21 12:00:00	10.28	15.80					10.27013483	102.8254254			-0.01	-0.10	Excellent
2282	05/18/21 12:30:00	10.36	15.80					10.35	103.625042			-0.01	-0.10	Excellent
2283	05/18/21 13:00:00	10.43	15.86					10.37	104.2070795			-0.06	-0.58	Excellent
2284	05/18/21 13:30:00	10.48	15.76					10.42129345	104.499863			-0.06	-0.56	Excellent
2285	05/18/21 14:00:00	10.49	15.76					10.43282002	104.6154461			-0.06	-0.55	Excellent
2286	05/18/21 14:30:00	10.49	15.76					10.4344026	104.6313155			-0.06	-0.53	Excellent
2287	05/18/21 15:00:00	10.52	15.78					10.46583072	104.9911764			-0.05	-0.51	Excellent
2288	05/18/21 15:30:00	10.56	15.80					10.5072179	105.4512597			-0.05	-0.50	Excellent
2289	05/18/21 16:00:00	10.62	15.84					10.5685202	106.1568202			-0.05	-0.48	Excellent
2290	05/18/21 16:30:00	10.67	15.84					10.61988757	106.6727862			-0.05	-0.47	Excellent
2291	05/18/21 17:00:00	10.73	15.88					10.68122457	107.3801981			-0.05	-0.45	Excellent
2292	05/18/21 17:30:00	10.80	15.92					10.75253573	108.1890315			-0.05	-0.44	Excellent
2293	05/18/21 18:00:00	10.83	15.94					10.78403777	108.5521018			-0.05	-0.42	Excellent
2294	05/18/21 18:30:00	10.87	16.00					10.82550792	109.1084127			-0.04	-0.41	Excellent
2295	05/18/21 19:00:00	10.92	16.04					10.87695073	109.7199372			-0.04	-0.39	Excellent
2296	05/18/21 19:30:00	10.99	16.08					10.94833279	110.5336631			-0.04	-0.38	Excellent
2297	05/18/21 20:00:00	11.06	16.12					11.01973598	111.3488399			-0.04	-0.36	Excellent
2298	05/18/21 20:30:00	11.09	16.18					11.05129987	111.8096546			-0.04	-0.35	Excellent
2299	05/18/21 21:00:00	11.14	16.24					11.10280604	112.4733345			-0.04	-0.33	Excellent
2300	05/18/21 21:30:00	11.17	16.30					11.13439105	112.936313			-0.04	-0.32	Excellent
2301	05/18/21 22:00:00	11.21	16.36					11.17595475	113.5014814			-0.03	-0.30	Excellent
2302	05/18/21 22:30:00	11.23	16.40					11.19758823	113.8171184			-0.03	-0.29	Excellent
2303	05/18/21 23:00:00	11.24	16.44					11.20925511	114.031752			-0.03	-0.27	Excellent
2304	05/18/21 23:30:00	11.25	16.48				10.444	11.220925	114.2466323		10.440	-0.03	-0.26	Excellent
2305	05/19/21 00:00:00	11.28	16.52	11.22	11.77	11.36604		11.25254924	114.6650665	11.379		-0.03	-0.24	Excellent
2306	05/19/21 00:30:00	11.24	16.54					11.21434232	114.3237998			-0.03	-0.23	Excellent
2307	05/19/21 01:00:00	11.24	16.54					11.21603806	114.3410868			-0.02	-0.21	Excellent
2308	05/19/21 01:30:00	11.27	16.56					11.24767437	114.711815			-0.02	-0.20	Excellent
2309	05/19/21 02:00:00	11.26	16.58					11.23939293	114.6755376			-0.02	-0.18	Excellent
2310	05/19/21 02:30:00	11.24	16.58					11.22112527	114.4891527			-0.02	-0.17	Excellent
2311	05/19/21 03:00:00	11.24	16.58					11.22282101	114.5064543			-0.02	-0.15	Excellent

2312	05/19/21 03:30:00	11.23	16.58					11.21453052	114.4218664			-0.02	-0.14	Excellent
2313	05/19/21 04:00:00	11.22	16.58					11.20623701	114.3372478			-0.01	-0.12	Excellent
2314	05/19/21 04:30:00	11.25	16.58					11.23789746	114.6602793			-0.01	-0.11	Excellent
2315	05/19/21 05:00:00	11.25	16.56					11.23959471	114.6294128			-0.01	-0.09	Excellent
2316	05/19/21 05:30:00	11.26	16.56					11.25128421	114.7486308			-0.01	-0.08	Excellent
2317	05/19/21 06:00:00	11.27	16.54					11.26297673	114.8195998			-0.01	-0.06	Excellent
2318	05/19/21 06:30:00	11.27	16.52					11.264677	114.7886501			-0.01	-0.05	Excellent
2319	05/19/21 07:00:00	11.28	16.52					11.27637405	114.9078446			0.00	-0.03	Excellent
2320	05/19/21 07:30:00	11.30	16.52					11.29807241	115.128954			0.00	-0.02	Excellent
2321	05/19/21 08:00:00	11.32	16.50					11.3197768	115.3016098			0.00	0.00	Excellent
2322	05/19/21 08:30:00	11.34	16.50					11.34148723	115.5227491			0.00	0.01	Excellent
2323	05/19/21 09:00:00	11.36	16.52					11.3632037	115.792651			0.00	0.03	Excellent
2324	05/19/21 09:30:00	11.36	16.52					11.36491754	115.8101153			0.00	0.04	Excellent
2325	05/19/21 10:00:00	11.36	16.54					11.36663138	115.8762995			0.01	0.06	Excellent
2326	05/19/21 10:30:00	11.34	16.56					11.34833053	115.7383784			0.01	0.07	Excellent
2327	05/19/21 11:00:00	11.32	16.58					11.33002364	115.6002428			0.01	0.09	Excellent
2328	05/19/21 11:30:00	11.32	16.60					11.33173145	115.6662501			0.01	0.10	Excellent
2329	05/19/21 12:00:00	11.31	16.64					11.32342738	115.6785942			0.01	0.12	Excellent
2330	05/19/21 12:30:00	11.31	16.68					11.32513368	115.7931625			0.02	0.13	Excellent
2331	05/19/21 13:00:00	11.30	16.70					11.31682509	115.7567507			0.02	0.15	Excellent
2332	05/19/21 13:30:00	11.30	16.74					11.31852988	115.8712931			0.02	0.16	Excellent
2333	05/19/21 14:00:00	11.29	16.76					11.31021676	115.8347118			0.02	0.18	Excellent
2334	05/19/21 14:30:00	11.31	16.78					11.33195887	116.1060059			0.02	0.19	Excellent
2335	05/19/21 15:00:00	11.33	16.80					11.35370702	116.3775524			0.02	0.21	Excellent
2336	05/19/21 15:30:00	11.32	16.82					11.3453939	116.3410272			0.03	0.22	Excellent
2337	05/19/21 16:00:00	11.38	16.88					11.40724535	117.1221592			0.03	0.24	Excellent
2338	05/19/21 16:30:00	11.37	16.88					11.39893676	117.036852			0.03	0.25	Excellent
2339	05/19/21 17:00:00	11.36	16.88					11.39062515	116.9515138			0.03	0.27	Excellent
2340	05/19/21 17:30:00	11.39	16.90					11.4224244	117.3270403			0.03	0.28	Excellent
2341	05/19/21 18:00:00	11.42	16.94					11.45423269	117.7521143			0.03	0.30	Excellent
2342	05/19/21 18:30:00	11.42	16.96					11.45595559	117.8190148			0.04	0.31	Excellent
2343	05/19/21 19:00:00	11.46	16.98					11.49781045	118.2988446			0.04	0.33	Excellent
2344	05/19/21 19:30:00	11.48	17.02					11.51960838	118.6220641			0.04	0.35	Excellent
2345	05/19/21 20:00:00	11.49	17.04					11.53137634	118.7927725			0.04	0.36	Excellent
2346	05/19/21 20:30:00	11.50	17.08					11.54314731	119.013205			0.04	0.38	Excellent
2347	05/19/21 21:00:00	11.56	17.10					11.60511644	119.7019828			0.05	0.39	Excellent
2348	05/19/21 21:30:00	11.60	17.16					11.64702261	120.2843667			0.05	0.41	Excellent
2349	05/19/21 22:00:00	11.64	17.22					11.68894084	120.8679929			0.05	0.42	Excellent
2350	05/19/21 22:30:00	11.70	17.28					11.75095824	121.6608297			0.05	0.44	Excellent
2351	05/19/21 23:00:00	11.74	17.32					11.79290363	122.1965188			0.05	0.45	Excellent
2352	05/19/21 23:30:00	11.77	17.38				10.562	11.82481452	122.679744		10.559	0.05	0.47	Excellent
2353	05/20/21 00:00:00	11.77	17.40	11.76	12.39	11.98292		11.82659021	122.7490387	12.083		0.06	0.48	Excellent
2354	05/20/21 00:30:00	11.76	17.42					11.81831632	122.7140042			0.06	0.50	Excellent
2355	05/20/21 01:00:00	11.80	17.46					11.8602949	123.2519388			0.06	0.51	Excellent
2356	05/20/21 01:30:00	11.82	17.48					11.88218033	123.5304998			0.06	0.53	Excellent
2357	05/20/21 02:00:00	11.85	17.52					11.91412592	123.9651588			0.06	0.54	Excellent
2358	05/20/21 02:30:00	11.84	17.56					11.90585806	123.9816218			0.07	0.56	Excellent
2359	05/20/21 03:00:00	11.84	17.60					11.90764431	124.1027443			0.07	0.57	Excellent
2360	05/20/21 03:30:00	11.85	17.62					11.91948921	124.277511			0.07	0.59	Excellent
2361	05/20/21 04:00:00	11.84	17.64					11.91121683	124.2425462			0.07	0.60	Excellent
2362	05/20/21 04:30:00	11.83	17.68					11.90294143	124.258742			0.07	0.62	Excellent
2363	05/20/21 05:00:00	11.84	17.70					11.91478934	124.4337406			0.07	0.63	Excellent
2364	05/20/21 05:30:00	11.83	17.74					11.90651092	124.4498537			0.08	0.65	Excellent
2365	05/20/21 06:00:00	11.83	17.80					11.90829567	124.6224175			0.08	0.66	Excellent
2366	05/20/21 06:30:00	11.81	17.84					11.88994504	124.5328436			0.08	0.68	Excellent
2367	05/20/21 07:00:00	11.82	17.88					11.90179597	124.7595553			0.08	0.69	Excellent
2368	05/20/21 07:30:00	11.86	17.94					11.94386205	125.3549658			0.08	0.71	Excellent
2369	05/20/21 08:00:00	11.89	18.02					11.97586798	125.8974311			0.09	0.72	Excellent
2370	05/20/21 08:30:00	11.91	18.06					11.99780923	126.2315809			0.09	0.74	Excellent
2371	05/20/21 09:00:00	11.96	18.12					12.04998223	126.9364463			0.09	0.75	Excellent
2372	05/20/21 09:30:00	12.02	18.18					12.11224706	127.7491396			0.09	0.77	Excellent
2373	05/20/21 10:00:00	12.07	18.26					12.16445174	128.5097553			0.09	0.78	Excellent
2374	05/20/21 10:30:00	12.11	18.32					12.20659174	129.1130335			0.10	0.80	Excellent
2375	05/20/21 11:00:00	12.13	18.36					12.22858128	129.4512319			0.10	0.81	Excellent
2376	05/20/21 11:30:00	12.15	18.42					12.25057684	129.8428049			0.10	0.83	Excellent
2377	05/20/21 12:00:00	12.18	18.44					12.28266273	130.2359372			0.10	0.84	Excellent
2378	05/20/21 12:30:00	12.20	18.48					12.30467188	130.5756216			0.10	0.86	Excellent
2379	05/20/21 13:00:00	12.24	18.54					12.34686167	131.1833876			0.11	0.87	Excellent
2380	05/20/21 13:30:00	12.27	18.62					12.37897471	131.7386026			0.11	0.89	Excellent
2381	05/20/21 14:00:00	12.31	18.70					12.42118713	132.40265			0.11	0.90	Excellent
2382	05/20/21 14:30:00	12.35	18.78					12.46341162	133.0683549			0.11	0.92	Excellent
2383	05/20/21 15:00:00	12.37	18.84					12.4854615	133.4658188			0.12	0.93	Excellent
2384	05/20/21 15:30:00	12.38	18.88					12.49742256	133.7018329			0.12	0.95	Excellent
2385	05/20/21 16:00:00	12.39	18.94					12.50938665	133.9922474			0.12	0.96	Excellent
2386	05/20/21 16:30:00	12.35	18.96					12.47086442	133.6336042			0.12	0.98	Excellent
2387	05/20/21 17:00:00	12.28	18.96					12.40203199	132.896019			0.12	0.99	Excellent
2388	05/20/21 17:30:00	12.15	18.94					12.27257315	131.4556584			0.12	1.01	Excellent
2389	05/20/21 18:00:00	12.02	18.92					12.14307508	130.0160027			0.12	1.02	Excellent
2390	05/20/21 18:30:00	11.92	18.90					12.04384949	128.9014688			0.12	1.04	Excellent
2391	05/20/21 19:00:00	11.86	18.92					11.98501536	128.323656			0.13	1.05	Excellent
2392	05/20/21 19:30:00	11.82	18.94					11.94637696	127.9616613			0.13	1.07	Excellent
2393	05/20/21 20:00:00	11.76	18.96					11.88750964	127.3825699			0.13	1.08	Excellent
2394	05/20/21 20:30:00	11.78	19.00					11.9095037	127.721366			0.13	1.10	Excellent
2395	05/20/21 21:00:00	11.77	19.02					11.90116946	127.6835146			0.13	1.11	Excellent
2396	05/20/21 21:30:00	11.82	19.06					11.95350992	128.3485779			0.13	1.13	Excellent
2397	05/20/21 22:00:00	11.84	19.08					11.97552208	128.6367913			0.14	1.14	Excellent
2398	05/20/21 22:30:00	11.91	19.10					12.04812013	129.468794			0.14	1.16	Excellent
2399	05/20/21 23:00:00	11.91	19.10					12.04991694	129.4881026			0.14	1.17	Excellent
2400	05/20/21 23:30:00	11.87	19.10				10.746	12.01123781	129.0724576		10.757	0.14	1.19	Excellent
2401	05/21/21 00:00:00	11.82	19.08	11.02	11.82	11.53771		11.96242612	128.4961191	11.718		0.14	1.20	Excellent
2402	05/21/21 00:30:00	11.48	19.08					11.6200612	124.8185572			0.14	1.22	Excellent
2403	05/21/21 01:00:00	11.30	19.04					11.43956991	122.7807063			0.14	1.24	Excellent
2404	05/21/21 01:30:00	11.15	19.02					11.28939937	121.1200457			0.14	1.25	Excellent
2405	05/21/21 02:00:00	11.22	19.02					11.36196724	121.8986012			0.14	1.27	Excellent
2406	05/21/21 02:30:00	11.02	19.02					11.16109918	119.7435575			0.14	1.28	Excellent
2407	05/21/21 03:00:00	11.37	19.02					11.5172959	123.5650684			0.15	1.30	Excellent
2408	05/21/21 03:30:00	11.64	19.02					11.79254978	126.5181717			0.15	1.31	Excellent
2409	05/21/21 04:00:00	11.62	19.02					11.77404073	126.3195946			0.15	1.33	Excellent
2410	05/21/21 04:30:00	11.61	19.06					11.76565972	126.3315716			0.16	1.34	Excellent
2411	05/21/21 05:00:00	11.63	19.06					11.78768245	126.5680365			0.16	1.36	Excellent
2412	05/21/21 05:30:00	11.61	19.08					11.76916284	126.4201538			0.16	1.37	Excellent
2413	05/21/21 06:00:00	11.59	19.12					11.7506372	126.322946			0.16	1.39	Excellent
2414	05/21/21 06:30:00	11.57	19.16					11.73210552	126.2253684			0.16	1.40	Excellent
2415	05/21/21 07:00:00	11.60	19.20					11.7642759	126.6734269			0.16	1.42	Excellent
2416	05/21/21 07:30:00	11.62	19.24					11.7863122	127.0128512			0.17	1.43	Excellent
2417	05/21/21 08:00:00	11.63	19.28					11.7982099	127.2433292			0.17	1.45	Excellent
2418	05/21/21 08:30:00	11.66	19.34					11.8304029	127.7443758			0.17	1.46	Excellent
2419	05/21/21 09:00:00	11.71	19.38					11.88290026	128.4142804			0.17	1.48	Excellent
2420	05/21/21 09:30:00	11.77	19.44					11.94556187	129.2468471			0.18	1.49	Excellent
2421	05/21/21 10:00:00	11.78	19.52					11.95748823	129.5833569			0.18	1.51	Excellent
2422	05/21/21 10:30:00	11.81	19.58					11.98972197	130.0887396			0.18	1.52	Excellent
2423	05/21/21 11:00:00	11.77	19.62					11.95088896	129.7711276			0.18	1.54	Excellent
2424	05/21/21 11:30:00	11.80	19.68					11.98313024	130.2772671			0.18	1.55	Excellent
2425	05/21/21 12:00:00	11.81	19.76					11.99506717	130.6153614			0.19	1.57	Excellent
2426	05/21/21 12:30:00	11.78	19.80					11.96637426	130.4068567			0.19	1.58	Excellent
2427	05/21/21 13:00:00	11.76	19.86					11.94783202	130.3604791			0.19	1.60	Excellent

2428	05/21/21 13:30:00	11.76	19.92					11.94960621	130.5355882			0.19	1.61	Excellent
2429	05/21/21 14:00:00	11.74	19.96					11.93105492	130.4366302			0.19	1.63	Excellent
2430	05/21/21 14:30:00	11.72	19.98					11.9124976	130.2855238			0.19	1.64	Excellent
2431	05/21/21 15:00:00	11.70	20.04					11.89393424	130.2375973			0.19	1.66	Excellent
2432	05/21/21 15:30:00	11.66	20.06					11.85503032	129.8631411			0.20	1.67	Excellent
2433	05/21/21 16:00:00	11.67	20.12					11.86695819	130.1485976			0.20	1.69	Excellent
2434	05/21/21 16:30:00	11.65	20.18					11.84837824	130.0994149			0.20	1.70	Excellent
2435	05/21/21 17:00:00	11.66	20.22					11.86030762	130.3335873			0.20	1.72	Excellent
2436	05/21/21 17:30:00	11.69	20.28					11.89258662	130.84353			0.20	1.73	Excellent
2437	05/21/21 18:00:00	11.65	20.32					11.85365101	130.5183223			0.20	1.75	Excellent
2438	05/21/21 18:30:00	11.63	20.38					11.83505597	130.4681124			0.21	1.76	Excellent
2439	05/21/21 19:00:00	11.60	20.40					11.80627707	130.2022525			0.21	1.78	Excellent
2440	05/21/21 19:30:00	11.49	20.36					11.69605445	128.8848666			0.21	1.79	Excellent
2441	05/21/21 20:00:00	11.37	20.30					11.5756178	127.4065758			0.21	1.81	Excellent
2442	05/21/21 20:30:00	11.20	20.22					11.40423318	125.3217597			0.20	1.82	Excellent
2443	05/21/21 21:00:00	11.14	20.20					11.34481972	124.6195105			0.20	1.84	Excellent
2444	05/21/21 21:30:00	11.09	20.20					11.29557353	124.0785555			0.21	1.85	Excellent
2445	05/21/21 22:00:00	11.08	20.20					11.28705976	123.9850343			0.21	1.87	Excellent
2446	05/21/21 22:30:00	11.08	20.24					11.28873136	124.1016149			0.21	1.88	Excellent
2447	05/21/21 23:00:00	11.04	20.26					11.24964338	123.7208499			0.21	1.90	Excellent
2448	05/21/21 23:30:00	11.06	20.30				10.871	11.27169175	124.0614259		10.907	0.21	1.91	Excellent
2449	05/22/21 00:00:00	11.04	20.32	10.46	11.11	10.84604		11.25297451	123.9043863	11.093		0.21	1.93	Excellent
2450	05/22/21 00:30:00	11.10	20.42					11.3158066	124.8424986			0.22	1.94	Excellent
2451	05/22/21 01:00:00	11.11	20.44					11.32767714	125.0227805			0.22	1.96	Excellent
2452	05/22/21 01:30:00	11.10	20.46					11.31915583	124.9780174			0.22	1.97	Excellent
2453	05/22/21 02:00:00	11.10	20.46					11.32083044	124.9965073			0.22	1.99	Excellent
2454	05/22/21 02:30:00	11.09	20.50					11.3123046	125.000895			0.22	2.00	Excellent
2455	05/22/21 03:00:00	11.06	20.52					11.28337182	124.7303297			0.22	2.02	Excellent
2456	05/22/21 03:30:00	11.00	20.52					11.22381957	124.0720183			0.22	2.03	Excellent
2457	05/22/21 04:00:00	11.03	20.54					11.25609404	124.4778183			0.23	2.05	Excellent
2458	05/22/21 04:30:00	11.00	20.58					11.22713863	124.2554217			0.23	2.06	Excellent
2459	05/22/21 05:00:00	10.99	20.58					11.21859016	124.1608122			0.23	2.08	Excellent
2460	05/22/21 05:30:00	11.00	20.60					11.23045769	124.3410817			0.23	2.10	Excellent
2461	05/22/21 06:00:00	10.96	20.62					11.19127315	123.9559991			0.23	2.11	Excellent
2462	05/22/21 06:30:00	10.92	20.62					11.15207655	123.5218524			0.23	2.13	Excellent
2463	05/22/21 07:00:00	10.86	20.62					11.09243981	122.8613082			0.23	2.14	Excellent
2464	05/22/21 07:30:00	10.83	20.62					11.06343159	122.5400094			0.23	2.16	Excellent
2465	05/22/21 08:00:00	10.81	20.64					11.04463138	122.3799002			0.23	2.17	Excellent
2466	05/22/21 08:30:00	10.79	20.64					11.02582512	122.1715178			0.24	2.19	Excellent
2467	05/22/21 09:00:00	10.78	20.68					11.0172329	122.1723334			0.24	2.20	Excellent
2468	05/22/21 09:30:00	10.73	20.72					10.96775136	121.7192278			0.24	2.22	Excellent
2469	05/22/21 10:00:00	10.74	20.74					10.97959324	121.8985079			0.24	2.23	Excellent
2470	05/22/21 10:30:00	10.71	20.78					10.95053976	121.6714257			0.24	2.25	Excellent
2471	05/22/21 11:00:00	10.75	20.84					10.99305995	122.2876681			0.24	2.26	Excellent
2472	05/22/21 11:30:00	10.74	20.90					10.98445415	122.3356583			0.24	2.28	Excellent
2473	05/22/21 12:00:00	10.74	20.92					10.98607446	122.4016257			0.25	2.29	Excellent
2474	05/22/21 12:30:00	10.82	20.98					11.06953979	123.4764372			0.25	2.31	Excellent
2475	05/22/21 13:00:00	10.85	21.02					11.10186857	123.9339402			0.25	2.32	Excellent
2476	05/22/21 13:30:00	10.87	21.06					11.12397276	124.2777929			0.25	2.34	Excellent
2477	05/22/21 14:00:00	10.86	21.10					11.11537752	124.2788025			0.26	2.35	Excellent
2478	05/22/21 14:30:00	10.85	21.12					11.10677927	124.2311534			0.26	2.37	Excellent
2479	05/22/21 15:00:00	10.85	21.14					11.10841617	124.2979595			0.26	2.38	Excellent
2480	05/22/21 15:30:00	10.81	21.14					11.06909435	123.8579668			0.26	2.40	Excellent
2481	05/22/21 16:00:00	10.86	21.18					11.12193116	124.5463097			0.26	2.41	Excellent
2482	05/22/21 16:30:00	10.85	21.20					11.11332687	124.4984866			0.26	2.43	Excellent
2483	05/22/21 17:00:00	10.86	21.24					11.12520797	124.7287614			0.27	2.44	Excellent
2484	05/22/21 17:30:00	10.86	21.26					11.12684638	124.7957307			0.27	2.46	Excellent
2485	05/22/21 18:00:00	10.86	21.30					11.12848479	124.9113333			0.27	2.47	Excellent
2486	05/22/21 18:30:00	10.77	21.30					11.03788461	123.8943944			0.27	2.49	Excellent
2487	05/22/21 19:00:00	10.73	21.30					10.99850847	123.4524182			0.27	2.50	Excellent
2488	05/22/21 19:30:00	10.74	21.36					11.01037902	123.7299792			0.27	2.52	Excellent
2489	05/22/21 20:00:00	10.75	21.40					11.02225258	123.9597455			0.27	2.53	Excellent
2490	05/22/21 20:30:00	10.73	21.44					11.00336486	123.8435144			0.27	2.55	Excellent
2491	05/22/21 21:00:00	10.69	21.48					10.96395855	123.4958508			0.27	2.56	Excellent
2492	05/22/21 21:30:00	10.68	21.54					10.95531353	123.5421749			0.28	2.58	Excellent
2493	05/22/21 22:00:00	10.63	21.56					10.90562832	123.029569			0.28	2.59	Excellent
2494	05/22/21 22:30:00	10.64	21.60					10.91749283	123.2589114			0.28	2.61	Excellent
2495	05/22/21 23:00:00	10.61	21.62					10.88831111	122.9770744			0.28	2.62	Excellent
2496	05/22/21 23:30:00	10.46	21.66				10.931	10.73595452	121.3502258		11.003	0.28	2.64	Excellent
2497	05/23/21 00:00:00	10.29	21.66	7.51	10.36	9.88250		10.56302202	119.3955418	10.180		0.27	2.65	Excellent
2498	05/23/21 00:30:00	9.02	21.66					9.260686236	104.6750303			0.24	2.67	Excellent
2499	05/23/21 01:00:00	9.13	21.68					9.374998843	106.0081402			0.24	2.68	Excellent
2500	05/23/21 01:30:00	8.30	21.70					8.523978411	96.42249149			0.22	2.70	Excellent
2501	05/23/21 02:00:00	8.65	21.68					8.884728277	100.464388			0.23	2.71	Excellent
2502	05/23/21 02:30:00	10.14	21.66					10.41669103	117.741539			0.28	2.73	Excellent
2503	05/23/21 03:00:00	10.30	21.66					10.58261088	119.6169579			0.28	2.74	Excellent
2504	05/23/21 03:30:00	10.34	21.68					10.62526836	120.1456082			0.29	2.76	Excellent
2505	05/23/21 04:00:00	10.36	21.72					10.64738311	120.4888481			0.29	2.77	Excellent
2506	05/23/21 04:30:00	10.34	21.74					10.62838827	120.3204077			0.29	2.79	Excellent
2507	05/23/21 05:00:00	10.31	21.74					10.59910699	119.9889242			0.29	2.80	Excellent
2508	05/23/21 05:30:00	10.22	21.74					10.50812511	118.958949			0.29	2.82	Excellent
2509	05/23/21 06:00:00	10.14	21.72					10.42739952	117.9994505			0.29	2.83	Excellent
2510	05/23/21 06:30:00	10.07	21.70					10.35693472	117.1567315			0.29	2.85	Excellent
2511	05/23/21 07:00:00	10.07	21.70					10.35845394	117.1739168			0.29	2.86	Excellent
2512	05/23/21 07:30:00	10.08	21.72					10.37026112	117.3528561			0.29	2.88	Excellent
2513	05/23/21 08:00:00	10.09	21.76					10.38207132	117.5773727			0.29	2.89	Excellent
2514	05/23/21 08:30:00	10.07	21.80					10.36301161	117.4522372			0.29	2.91	Excellent
2515	05/23/21 09:00:00	10.05	21.82					10.34394587	117.2814301			0.29	2.92	Excellent
2516	05/23/21 09:30:00	10.03	21.86					10.32487409	117.1555949			0.29	2.94	Excellent
2517	05/23/21 10:00:00	10.03	21.88					10.32638728	117.2179788			0.30	2.96	Excellent
2518	05/23/21 10:30:00	9.99	21.90					10.28671243	116.8126612			0.30	2.97	Excellent
2519	05/23/21 11:00:00	9.88	21.90					10.17493589	115.543362			0.29	2.99	Excellent
2520	05/23/21 11:30:00	9.86	21.94					10.15582639	115.4153123			0.30	3.00	Excellent
2521	05/23/21 12:00:00	9.91	21.98					10.20882161	116.1070033			0.30	3.02	Excellent
2522	05/23/21 12:30:00	9.95	22.00					10.25152887	116.6376289			0.30	3.03	Excellent
2523	05/23/21 13:00:00	10.04	22.06					10.34577097	117.845858			0.31	3.05	Good
2524	05/23/21 13:30:00	10.03	22.10					10.3369796	117.8363133			0.31	3.06	Good
2525	05/23/21 14:00:00	10.06	22.12					10.3694155	118.2515112			0.31	3.08	Good
2526	05/23/21 14:30:00	10.09	22.16					10.40186045	118.7126947			0.31	3.09	Good
2527	05/23/21 15:00:00	10.08	22.20					10.39307211	118.7035193			0.31	3.11	Good
2528	05/23/21 15:30:00	10.04	22.26					10.35334446	118.385962			0.31	3.12	Good
2529	05/23/21 16:00:00	10.10	22.32					10.41674078	119.247926			0.32	3.14	Good
2530	05/23/21 16:30:00	10.10	22.36					10.41826453	119.3567708			0.32	3.15	Good
2531	05/23/21 17:00:00	10.09	22.40					10.40947166	119.3473738			0.32	3.17	Good
2532	05/23/21 17:30:00	10.08	22.44					10.40067577	119.3378024			0.32	3.18	Good
2533	05/23/21 18:00:00	10.14	22.50					10.46411434	120.2034752			0.32	3.20	Good
2534	05/23/21 18:30:00	10.08	22.52					10.40371723	119.5553485			0.32	3.21	Good
2535	05/23/21 19:00:00	10.05	22.58					10.37427	119.3535889			0.32	3.23	Good
2536	05/23/21 19:30:00	10.03	22.60					10.35513787	119.1789468			0.33	3.24	Good
2537	05/23/21 20:00:00	9.94	22.62					10.26371999	118.1718746			0.32	3.26	Good
2538	05/23/21 20:30:00	9.95	22.66					10.27554679	118.3982991			0.33	3.27	Good
2539	05/23/21 21:00:00	9.89	22.68					10.21507576	117.7463995			0.33	3.29	Good
2540	05/23/21 21:30:00	9.79	22.68					10.11326583	116.5728641			0.32	3.30	Good
2541	05/23/21 22:00:00	9.75	22.66					10.07341597	116.06928			0.32	3.32	Good
2542	05/23/21 22:30:00	9.45	22.70					9.764890399	112.6001292			0.31	3.33	Good
2543	05/23/21 23:00:00	9.45	22.70					9.766316086	112.6165689			0.32	3.35	Good

2544	05/23/21 23:30:00	7.51	22.70				10.881	7.762512245	89.51046511		10.996	0.25	3.36	Excellent
2545	05/24/21 00:00:00	8.04	22.76	7.39	9.44	8.82354		8.311545648	95.95098237	9.153		0.27	3.38	Excellent
2546	05/24/21 00:30:00	8.22	22.80					8.498865149	98.18814701			0.28	3.39	Excellent
2547	05/24/21 01:00:00	7.45	22.78					7.703866698	88.96960508			0.25	3.41	Excellent
2548	05/24/21 01:30:00	7.39	22.76					7.642937036	88.2323635			0.25	3.42	Excellent
2549	05/24/21 02:00:00	7.47	22.74					7.726802162	89.16657841			0.26	3.44	Excellent
2550	05/24/21 02:30:00	8.78	22.72					9.083161686	104.7789356			0.30	3.45	Good
2551	05/24/21 03:00:00	9.11	22.74					9.425930537	108.7743619			0.32	3.47	Good
2552	05/24/21 03:30:00	8.96	22.76					9.27208037	107.0396841			0.31	3.48	Good
2553	05/24/21 04:00:00	9.40	22.76					9.728823888	112.3124686			0.33	3.50	Good
2554	05/24/21 04:30:00	9.42	22.80					9.750944674	112.6535334			0.33	3.51	Good
2555	05/24/21 05:00:00	9.44	22.82					9.773071494	112.9521168			0.33	3.53	Good
2556	05/24/21 05:30:00	9.43	22.82					9.764141334	112.8489066			0.33	3.54	Good
2557	05/24/21 06:00:00	9.39	22.80					9.724140614	112.3438637			0.33	3.56	Good
2558	05/24/21 06:30:00	9.30	22.80					9.632341045	111.2832951			0.33	3.57	Good
2559	05/24/21 07:00:00	9.26	22.78					9.592308643	110.7786447			0.33	3.59	Good
2560	05/24/21 07:30:00	9.23	22.80					9.562624545	110.4778542			0.33	3.60	Good
2561	05/24/21 08:00:00	9.21	22.78					9.543293277	110.2125812			0.33	3.62	Good
2562	05/24/21 08:30:00	9.20	22.82					9.534319365	110.1927429			0.33	3.63	Good
2563	05/24/21 09:00:00	9.15	22.82					9.483882839	109.6098236			0.33	3.65	Good
2564	05/24/21 09:30:00	9.14	22.82					9.474896857	109.5059682			0.33	3.66	Good
2565	05/24/21 10:00:00	9.09	22.82					9.424436192	108.9227699			0.33	3.68	Good
2566	05/24/21 10:30:00	8.71	22.82					9.031769407	104.3845299			0.32	3.69	Good
2567	05/24/21 11:00:00	8.59	22.86					8.908632245	103.039686			0.32	3.71	Good
2568	05/24/21 11:30:00	8.96	22.82					9.293708563	107.4118874			0.33	3.72	Good
2569	05/24/21 12:00:00	8.96	22.84					9.295060325	107.4683632			0.34	3.74	Good
2570	05/24/21 12:30:00	8.98	22.88					9.317163007	107.8058213			0.34	3.75	Good
2571	05/24/21 13:00:00	8.93	22.88					9.266632943	107.2211546			0.34	3.77	Good
2572	05/24/21 13:30:00	8.92	22.90					9.257601702	107.1573549			0.34	3.78	Good
2573	05/24/21 14:00:00	8.94	22.90					9.279707401	107.4132299			0.34	3.80	Good
2574	05/24/21 14:30:00	8.86	22.90					9.198004189	106.4675098			0.34	3.81	Good
2575	05/24/21 15:00:00	8.94	22.90					9.28240489	107.4444535			0.34	3.83	Good
2576	05/24/21 15:30:00	8.89	22.90					9.231831076	106.8590582			0.34	3.85	Good
2577	05/24/21 16:00:00	8.92	22.90					9.264330339	107.2352394			0.34	3.86	Good
2578	05/24/21 16:30:00	8.90	22.90					9.244901008	107.0103436			0.34	3.88	Good
2579	05/24/21 17:00:00	8.91	22.88					9.256632756	107.1054457			0.35	3.89	Good
2580	05/24/21 17:30:00	8.91	22.88					9.257976975	107.1209993			0.35	3.91	Good
2581	05/24/21 18:00:00	8.85	22.86					9.196968862	106.3746664			0.35	3.92	Good
2582	05/24/21 18:30:00	8.88	22.84					9.22948472	106.710186			0.35	3.94	Good
2583	05/24/21 19:00:00	8.84	22.82					9.189244123	106.2045414			0.35	3.95	Good
2584	05/24/21 19:30:00	8.82	22.80					9.169784619	105.9393395			0.35	3.97	Good
2585	05/24/21 20:00:00	8.77	22.80					9.11912481	105.3540622			0.35	3.98	Good
2586	05/24/21 20:30:00	8.70	22.78					9.047650718	104.4885566			0.35	4.00	Good
2587	05/24/21 21:00:00	8.66	22.76					9.007358826	103.9836589			0.35	4.01	Good
2588	05/24/21 21:30:00	8.63	22.76					8.977457481	103.6384688			0.35	4.03	Good
2589	05/24/21 22:00:00	8.56	22.76					8.905930585	102.8127408			0.35	4.04	Good
2590	05/24/21 22:30:00	8.51	22.76					8.855193835	102.2270205			0.35	4.06	Good
2591	05/24/21 23:00:00	8.47	22.76					8.81484914	101.7612692			0.34	4.07	Good
2592	05/24/21 23:30:00	8.44	22.76				10.713	8.784901026	101.4155392		10.876	0.34	4.09	Good
2593	05/25/21 00:00:00	8.40	22.76	7.77	8.40	8.09833		8.744533701	100.9495267	8.335		0.34	4.10	Good
2594	05/25/21 00:30:00	8.35	22.74					8.693742638	100.3249816			0.34	4.12	Good
2595	05/25/21 01:00:00	8.35	22.74					8.695002372	100.3395188			0.35	4.13	Good
2596	05/25/21 01:30:00	8.34	22.74					8.68584742	100.2338715			0.35	4.15	Good
2597	05/25/21 02:00:00	8.35	22.72					8.697521839	100.3303819			0.35	4.16	Good
2598	05/25/21 02:30:00	8.24	22.70					8.584186846	98.98529405			0.34	4.18	Good
2599	05/25/21 03:00:00	8.24	22.70					8.585429984	98.99962883			0.35	4.19	Good
2600	05/25/21 03:30:00	8.22	22.68					8.565831683	98.73601164			0.35	4.21	Good
2601	05/25/21 04:00:00	8.19	22.68					8.535805118	98.3899036			0.35	4.22	Good
2602	05/25/21 04:30:00	8.17	22.66					8.516193239	98.12643699			0.35	4.24	Good
2603	05/25/21 05:00:00	8.16	22.64					8.507000571	97.98315351			0.35	4.25	Good
2604	05/25/21 05:30:00	8.19	22.64					8.539511903	98.35761721			0.35	4.27	Good
2605	05/25/21 06:00:00	8.16	22.64					8.509462709	98.01151228			0.35	4.28	Good
2606	05/25/21 06:30:00	8.16	22.64					8.510693778	98.02569166			0.35	4.30	Good
2607	05/25/21 07:00:00	8.17	22.64					8.522356127	98.16001795			0.35	4.31	Good
2608	05/25/21 07:30:00	8.09	22.64					8.440126392	97.21290049			0.35	4.33	Good
2609	05/25/21 08:00:00	8.14	22.64					8.493518389	97.8278665			0.35	4.34	Good
2610	05/25/21 08:30:00	8.09	22.64					8.442567409	97.24101598			0.35	4.36	Good
2611	05/25/21 09:00:00	8.18	22.62					8.537723753	98.29952696			0.36	4.37	Good
2612	05/25/21 09:30:00	8.16	22.62					8.518080192	98.0733598			0.36	4.39	Good
2613	05/25/21 10:00:00	8.13	22.62					8.487990264	97.72691784			0.36	4.40	Good
2614	05/25/21 10:30:00	8.10	22.64					8.457891283	97.4175155			0.36	4.42	Good
2615	05/25/21 11:00:00	8.12	22.64					8.48	97.67216246			0.36	4.43	Good
2616	05/25/21 11:30:00	8.29	22.60					8.42	97.03759019			0.13	1.57	Excellent
2617	05/25/21 12:00:00	8.28	22.66					8.410368995	97.03756405			0.13	1.57	Excellent
2618	05/25/21 12:30:00	8.26	22.66					8.390578635	96.80922587			0.13	1.58	Excellent
2619	05/25/21 13:00:00	8.25	22.68					8.380944455	96.7349339			0.13	1.59	Excellent
2620	05/25/21 13:30:00	8.22	22.68					8.350990294	96.38919556			0.13	1.59	Excellent
2621	05/25/21 14:00:00	8.16	22.68					8.290552351	95.69160587			0.13	1.60	Excellent
2622	05/25/21 14:30:00	8.10	22.68					8.230106787	94.99392823			0.13	1.61	Excellent
2623	05/25/21 15:00:00	8.07	22.68					8.200137385	94.64801398			0.13	1.61	Excellent
2624	05/25/21 15:30:00	8.06	22.70					8.190487964	94.5726688			0.13	1.62	Excellent
2625	05/25/21 16:00:00	8.04	22.68					8.170674743	94.30794887			0.13	1.63	Excellent
2626	05/25/21 16:30:00	8.01	22.70					8.140695815	93.99773646			0.13	1.63	Excellent
2627	05/25/21 17:00:00	8.01	22.70					8.14120448	94.00360983			0.13	1.64	Excellent
2628	05/25/21 17:30:00	8.01	22.70					8.141713144	94.0094832			0.13	1.64	Excellent
2629	05/25/21 18:00:00	7.99	22.70					8.121891667	93.78061162			0.13	1.65	Excellent
2630	05/25/21 18:30:00	7.95	22.68					8.081736238	93.28139865			0.13	1.66	Excellent
2631	05/25/21 19:00:00	7.93	22.68					8.061908411	93.05254096			0.13	1.66	Excellent
2632	05/25/21 19:30:00	7.90	22.66					8.031911067	92.67097378			0.13	1.67	Excellent
2633	05/25/21 20:00:00	7.88	22.66					8.012077524	92.44213736			0.13	1.68	Excellent
2634	05/25/21 20:30:00	7.84	22.66					7.971904949	91.97863227			0.13	1.68	Excellent
2635	05/25/21 21:00:00	7.82	22.66					7.952065056	91.74972259			0.13	1.69	Excellent
2636	05/25/21 21:30:00	7.81	22.66					7.942392139	91.63811794			0.13	1.70	Excellent
2637	05/25/21 22:00:00	7.80	22.68					7.932717951	91.56139273			0.13	1.70	Excellent
2638	05/25/21 22:30:00	7.79	22.68					7.923042494	91.44971621			0.13	1.71	Excellent
2639	05/25/21 23:00:00	7.78	22.70					7.913365767	91.37283676			0.13	1.71	Excellent
2640	05/25/21 23:30:00	7.77	22.72				10.362	7.903687769	91.29586028		10.563	0.13	1.72	Excellent
2641	05/26/21 00:00:00	7.78	22.74	6.78	7.80	7.36792		7.914353884	91.45388669	7.506		0.13	1.73	Excellent
2642	05/26/21 00:30:00	7.77	22.76					7.904674617	91.37682025			0.13	1.73	Excellent
2643	05/26/21 01:00:00	7.79	22.78					7.925515964	91.65261929			0.14	1.74	Excellent
2644	05/26/21 01:30:00	7.79	22.80					7.926010658	91.6932213			0.14	1.75	Excellent
2645	05/26/21 02:00:00	7.80	22.82					7.936680583	91.85158888			0.14	1.75	Excellent
2646	05/26/21 02:30:00	7.78	22.84					7.916824179	91.65663612			0.14	1.76	Excellent
2647	05/26/21 03:00:00	7.78	22.86					7.917318238	91.69720738			0.14	1.77	Excellent
2648	05/26/21 03:30:00	7.75	22.88					7.887280887	91.38404109			0.14	1.77	Excellent
2649	05/26/21 04:00:00	7.71	22.92					7.847061954	90.9871522			0.14	1.78	Excellent
2650	05/26/21 04:30:00	7.67	22.92					7.806837941	90.52075236			0.14	1.78	Excellent
2651	05/26/21 05:00:00	7.63	22.94					7.766608847	90.08849244			0.14	1.79	Excellent
2652	05/26/21 05:30:00	7.63	22.94					7.76709338	90.09411277			0.14	1.80	Excellent
2653	05/26/21 06:00:00	7.62	22.96					7.757397602	90.01580793			0.14	1.80	Excellent
2654	05/26/21 06:30:00	7.60	22.96					7.737519607	89.78514632			0.14	1.81	Excellent
2655	05/26/21 07:00:00	7.53	22.98					7.666731162	88.99749106			0.14	1.82	Excellent
2656	05/26/21 07:30:00	7.33	22.98					7.463565006	86.63908332			0.13	1.82	Excellent
2657	05/26/21 08:00:00	7.20	22.98					7.331653413	85.10781783			0.13	1.83	Excellent
2658	05/26/21 08:30:00	7.09	22.96					7.220092282	83.78098861			0.13	1.83	Excellent
2659	05/26/21 09:00:00	7.12	22.98					7.25109489	84.17267268			0.13	1.84	Excellent

2660	05/26/21 09:30:00	7.03	22.98					7.159884223	83.11387456			0.13	1.85	Excellent
2661	05/26/21 10:00:00	7.00	23.00					7.129774477	82.79575465			0.13	1.85	Excellent
2662	05/26/21 10:30:00	6.99	23.00					7.120032976	82.68262976			0.13	1.86	Excellent
2663	05/26/21 11:00:00	7.01	23.02					7.140850192	82.95582678			0.13	1.87	Excellent
2664	05/26/21 11:30:00	6.99	23.02					7.120920758	82.72430496			0.13	1.87	Excellent
2665	05/26/21 12:00:00	7.29	23.08					7.427002617	86.37823968			0.14	1.88	Excellent
2666	05/26/21 12:30:00	7.56	23.12					7.702556876	89.65089698			0.14	1.89	Excellent
2667	05/26/21 13:00:00	7.62	23.24					7.764172178	90.57337799			0.14	1.89	Excellent
2668	05/26/21 13:30:00	7.50	23.24					7.642378028	89.15258163			0.14	1.90	Excellent
2669	05/26/21 14:00:00	7.50	23.24					7.642854306	89.15813767			0.14	1.90	Excellent
2670	05/26/21 14:30:00	7.47	23.30					7.612757261	88.90774003			0.14	1.91	Excellent
2671	05/26/21 15:00:00	7.37	23.34					7.511314209	87.78926141			0.14	1.92	Excellent
2672	05/26/21 15:30:00	7.40	23.36					7.542359364	88.18537219			0.14	1.92	Excellent
2673	05/26/21 16:00:00	7.41	23.36					7.553022304	88.31004344			0.14	1.93	Excellent
2674	05/26/21 16:30:00	7.51	23.42					7.655429342	89.60870241			0.15	1.94	Excellent
2675	05/26/21 17:00:00	7.47	23.40					7.615129125	89.10338195			0.15	1.94	Excellent
2676	05/26/21 17:30:00	7.39	23.34					7.534044156	88.05492002			0.14	1.95	Excellent
2677	05/26/21 18:00:00	7.35	23.32					7.493731238	87.55070845			0.14	1.96	Excellent
2678	05/26/21 18:30:00	7.35	23.32					7.49419799	87.5561616			0.14	1.96	Excellent
2679	05/26/21 19:00:00	7.28	23.30					7.423286983	86.69495776			0.14	1.97	Excellent
2680	05/26/21 19:30:00	7.23	23.30					7.372762001	86.10488746			0.14	1.97	Excellent
2681	05/26/21 20:00:00	7.16	23.30					7.301834483	85.27654037			0.14	1.98	Excellent
2682	05/26/21 20:30:00	7.06	23.26					7.20030189	84.02726394			0.14	1.99	Excellent
2683	05/26/21 21:00:00	7.06	23.26					7.200750227	84.03249601			0.14	1.99	Excellent
2684	05/26/21 21:30:00	6.98	23.24					7.119598579	83.05406919			0.14	2.00	Excellent
2685	05/26/21 22:00:00	6.91	23.24					7.048637404	82.22626769			0.14	2.01	Excellent
2686	05/26/21 22:30:00	6.84	23.20					6.977667338	81.3368414			0.14	2.01	Excellent
2687	05/26/21 23:00:00	6.78	23.16					6.916890285	80.56740377			0.14	2.02	Excellent
2688	05/26/21 23:30:00	6.78	23.18				9.791	6.91732084	80.60290724		10.010	0.14	2.03	Excellent
2689	05/27/21 00:00:00	6.75	23.18	5.89	7.12	6.42125		6.887141876	80.25125198	6.561		0.14	2.03	Excellent
2690	05/27/21 00:30:00	6.72	23.16					6.856959102	79.86932997			0.14	2.04	Excellent
2691	05/27/21 01:00:00	6.64	23.16					6.775750301	78.92341613			0.14	2.04	Excellent
2692	05/27/21 01:30:00	6.59	23.12					6.725146574	78.27471221			0.14	2.05	Excellent
2693	05/27/21 02:00:00	6.53	23.10					6.664330784	77.53750434			0.13	2.06	Excellent
2694	05/27/21 02:30:00	6.52	23.08					6.654539115	77.39426042			0.13	2.06	Excellent
2695	05/27/21 03:00:00	6.54	23.08					6.675367126	77.63649635			0.14	2.07	Excellent
2696	05/27/21 03:30:00	6.57	23.10					6.706405295	78.02702875			0.14	2.08	Excellent
2697	05/27/21 04:00:00	6.51	23.10					6.645572994	77.31926304			0.14	2.08	Excellent
2698	05/27/21 04:30:00	6.52	23.08					6.656195292	77.41352224			0.14	2.09	Excellent
2699	05/27/21 05:00:00	6.51	23.08					6.646399812	77.29959792			0.14	2.10	Excellent
2700	05/27/21 05:30:00	6.49	23.06					6.626392904	77.03771723			0.14	2.10	Excellent
2701	05/27/21 06:00:00	6.48	23.02					6.61659425	76.86550365			0.14	2.11	Excellent
2702	05/27/21 06:30:00	6.40	23.00					6.535314325	75.89248203			0.14	2.11	Excellent
2703	05/27/21 07:00:00	6.41	22.98					6.545932812	75.98696037			0.14	2.12	Excellent
2704	05/27/21 07:30:00	6.06	22.98					6.188895416	71.84237361			0.13	2.13	Excellent
2705	05/27/21 08:00:00	6.19	23.00					6.322053587	73.41595437			0.13	2.13	Excellent
2706	05/27/21 08:30:00	6.28	23.00					6.414372394	74.48802268			0.13	2.14	Excellent
2707	05/27/21 09:00:00	6.18	23.02					6.31262516	73.33427046			0.13	2.15	Excellent
2708	05/27/21 09:30:00	5.99	23.04					6.118928074	71.11103028			0.13	2.15	Excellent
2709	05/27/21 10:00:00	5.89	23.06					6.017149723	69.95472281			0.13	2.16	Excellent
2710	05/27/21 10:30:00	6.01	23.06					6.140121867	71.38438347			0.13	2.17	Excellent
2711	05/27/21 11:00:00	5.94	23.08					6.068983516	70.58407541			0.13	2.17	Excellent
2712	05/27/21 11:30:00	6.04	23.08					6.171538518	71.77682045			0.13	2.18	Excellent
2713	05/27/21 12:00:00	6.00	23.10					6.131048424	71.33292288			0.13	2.18	Excellent
2714	05/27/21 12:30:00	5.94	23.14					6.070115152	70.67748027			0.13	2.19	Excellent
2715	05/27/21 13:00:00	5.89	23.18					6.019393944	70.13996645			0.13	2.20	Excellent
2716	05/27/21 13:30:00	5.91	23.22					6.040208619	70.43575729			0.13	2.20	Excellent
2717	05/27/21 14:00:00	6.02	23.26					6.153014422	71.80545687			0.13	2.21	Excellent
2718	05/27/21 14:30:00	6.12	23.28					6.255612607	73.03035695			0.14	2.22	Excellent
2719	05/27/21 15:00:00	6.27	23.32					6.409334613	74.88149338			0.14	2.22	Excellent
2720	05/27/21 15:30:00	7.12	23.60					7.278675822	85.48783381			0.16	2.23	Excellent
2721	05/27/21 16:00:00	6.91	23.52					7.064434587	82.84683392			0.15	2.23	Excellent
2722	05/27/21 16:30:00	6.43	23.26					6.574115188	76.71968766			0.14	2.24	Excellent
2723	05/27/21 17:00:00	6.30	23.10					6.441601579	74.94611637			0.14	2.25	Excellent
2724	05/27/21 17:30:00	6.20	23.02					6.339747658	73.64935469			0.14	2.25	Excellent
2725	05/27/21 18:00:00	6.25	22.98					6.391271554	74.19161061			0.14	2.26	Excellent
2726	05/27/21 18:30:00	6.41	23.00					6.555295164	76.12451303			0.15	2.27	Excellent
2727	05/27/21 19:00:00	6.59	23.06					6.739793705	78.35610251			0.15	2.27	Excellent
2728	05/27/21 19:30:00	6.64	23.04					6.791351893	78.92559354			0.15	2.28	Excellent
2729	05/27/21 20:00:00	6.67	23.02					6.822459281	79.25705415			0.15	2.29	Excellent
2730	05/27/21 20:30:00	6.67	22.98					6.822882851	79.2018714			0.15	2.29	Excellent
2731	05/27/21 21:00:00	6.70	22.96					6.853995955	79.53285562			0.15	2.30	Excellent
2732	05/27/21 21:30:00	6.85	23.00					7.007878626	81.38021773			0.16	2.30	Excellent
2733	05/27/21 22:00:00	6.86	22.98					7.018544741	81.4731676			0.16	2.31	Excellent
2734	05/27/21 22:30:00	6.91	23.00					7.070139126	82.10322869			0.16	2.32	Excellent
2735	05/27/21 23:00:00	6.91	23.02					7.070577936	82.13946838			0.16	2.32	Excellent
2736	05/27/21 23:30:00	6.89	23.00				8.997	7.050550707	81.87575475		9.221	0.16	2.33	Excellent
2737	05/28/21 00:00:00	6.83	22.98	6.53	7.59	7.11958		6.989586318	81.13701038	7.297		0.16	2.34	Excellent
2738	05/28/21 00:30:00	6.53	22.98					6.68299135	77.57797298			0.15	2.34	Excellent
2739	05/28/21 01:00:00	6.63	23.02					6.785755279	78.83066083			0.16	2.35	Excellent
2740	05/28/21 01:30:00	6.72	23.02					6.878296349	79.90571783			0.16	2.36	Excellent
2741	05/28/21 02:00:00	6.68	23.00					6.837778313	79.40489806			0.16	2.36	Excellent
2742	05/28/21 02:30:00	6.65	22.98					6.807492028	79.02321056			0.16	2.37	Excellent
2743	05/28/21 03:00:00	6.53	22.96					6.685064746	77.57260038			0.16	2.37	Excellent
2744	05/28/21 03:30:00	6.77	22.94					6.93119383	80.3981268			0.16	2.38	Excellent
2745	05/28/21 04:00:00	6.81	22.94					6.972578691	80.87816897			0.16	2.39	Excellent
2746	05/28/21 04:30:00	6.83	22.90					6.993489891	81.05914106			0.16	2.39	Excellent
2747	05/28/21 05:00:00	6.87	22.86					7.034883643	81.47698058			0.16	2.40	Excellent
2748	05/28/21 05:30:00	6.88	22.82					7.045560554	81.53861361			0.17	2.41	Excellent
2749	05/28/21 06:00:00	6.89	22.80					7.056238735	81.63113674			0.17	2.41	Excellent
2750	05/28/21 06:30:00	6.85	22.80					7.015708634	81.1622583			0.17	2.42	Excellent
2751	05/28/21 07:00:00	6.88	22.78					7.04687127	81.49175558			0.17	2.43	Excellent
2752	05/28/21 07:30:00	6.88	22.76					7.047308176	81.46579633			0.17	2.43	Excellent
2753	05/28/21 08:00:00	6.89	22.76					7.057988897	81.58926382			0.17	2.44	Excellent
2754	05/28/21 08:30:00	6.91	22.76					7.078915339	81.83117026			0.17	2.44	Excellent
2755	05/28/21 09:00:00	6.99	22.76					7.161314834	82.78369573			0.17	2.45	Excellent
2756	05/28/21 09:30:00	7.06	22.78					7.23347877	83.64973067			0.17	2.46	Excellent
2757	05/28/21 10:00:00	7.08	22.80					7.254419817	83.92382377			0.17	2.46	Excellent
2758	05/28/21 10:30:00	7.13	22.82					7.306104377	84.5538999			0.18	2.47	Excellent
2759	05/28/21 11:00:00	7.14	22.82					7.316804784	84.67773623			0.18	2.48	Excellent
2760	05/28/21 11:30:00	7.19	22.82					7.368499505	85.27600173			0.18	2.48	Excellent
2761	05/28/21 12:00:00	7.22	22.82					7.399702784	85.6371188			0.18	2.49	Excellent
2762	05/28/21 12:30:00	7.21	22.84					7.38991175	85.55633381			0.18	2.50	Excellent
2763	05/28/21 13:00:00	7.25	22.84					7.431370275	86.03631782			0.18	2.50	Excellent
2764	05/28/21 13:30:00	7.27	22.84					7.452332279	86.27900437			0.18	2.51	Excellent
2765	05/28/21 14:00:00	7.30	22.84					7.483548259	86.64040582			0.18	2.51	Excellent
2766	05/28/21 14:30:00	7.31	22.86					7.494263907	86.79745477			0.18	2.52	Excellent
2767	05/28/21 15:00:00	7.34	22.86					7.525486237	87.15906717			0.19	2.53	Excellent
2768	05/28/21 15:30:00	7.32	22.88					7.505445672	86.96000124			0.19	2.53	Excellent
2769	05/28/21 16:00:00	7.35	22.90					7.536672448	87.35498364			0.19	2.54	Excellent
2770	05/28/21 16:30:00	7.37	22.92					7.557648422	87.63138501			0.19	2.55	Excellent
2771	05/28/21 17:00:00	7.34	22.92					7.527350706	87.28008118			0.19	2.55	Excellent
2772	05/28/21 17:30:00	7.33	22.94					7.517560942	87.19967047			0.19	2.56	Excellent
2773	05/28/21 18:00:00	7.33	22.94					7.518026424	87.20506981			0.19	2.57	Excellent
2774	05/28/21 18:30:00	7.36	22.94					7.54926336	87.5674015			0.19	2.57	Excellent
2775	05/28/21 19:00:00	7.38	22.94					7.57024632	87.81079257			0.19	2.58	Excellent

2776	05/28/21 19:30:00	7.41	22.94					7.601490242	88.17320528			0.19	2.58	Excellent
2777	05/28/21 20:00:00	7.44	22.92					7.632737974	88.50205285			0.19	2.59	Excellent
2778	05/28/21 20:30:00	7.45	22.88					7.643470133	88.55918773			0.19	2.60	Excellent
2779	05/28/21 21:00:00	7.48	22.86					7.674724215	88.88751933			0.19	2.60	Excellent
2780	05/28/21 21:30:00	7.49	22.84					7.685460184	88.97803104			0.20	2.61	Excellent
2781	05/28/21 22:00:00	7.49	22.82					7.685935827	88.94970767			0.20	2.62	Excellent
2782	05/28/21 22:30:00	7.52	22.80					7.717198165	89.27754323			0.20	2.62	Excellent
2783	05/28/21 23:00:00	7.57	22.78					7.768990046	89.84251501			0.20	2.63	Excellent
2784	05/28/21 23:30:00	7.59	22.74				8.366	7.789997772	90.01689639		8.589	0.20	2.64	Excellent
2785	05/29/21 00:00:00	7.60	22.72	7.03	7.76	7.54083		7.800743902	90.10675094	7.751		0.20	2.64	Excellent
2786	05/29/21 00:30:00	7.59	22.70					7.790961759	89.95948096			0.20	2.65	Excellent
2787	05/29/21 01:00:00	7.58	22.70					7.781178345	89.84651534			0.20	2.65	Excellent
2788	05/29/21 01:30:00	7.50	22.68					7.699531368	88.86989551			0.20	2.66	Excellent
2789	05/29/21 02:00:00	7.51	22.66					7.710274323	88.95997773			0.20	2.67	Excellent
2790	05/29/21 02:30:00	7.36	22.64					7.556741558	87.1553023			0.20	2.67	Excellent
2791	05/29/21 03:00:00	7.39	22.66					7.588012786	87.54934262			0.20	2.68	Excellent
2792	05/29/21 03:30:00	7.24	22.64					7.434453348	85.74489733			0.19	2.69	Excellent
2793	05/29/21 04:00:00	7.36	22.62					7.558143719	87.13823291			0.20	2.69	Excellent
2794	05/29/21 04:30:00	7.49	22.56					7.692119183	88.58136798			0.20	2.70	Excellent
2795	05/29/21 05:00:00	7.50	22.54					7.702865313	88.67125202			0.20	2.70	Excellent
2796	05/29/21 05:30:00	7.58	22.50					7.785510568	89.55416748			0.21	2.71	Excellent
2797	05/29/21 06:00:00	7.56	22.50					7.765448412	89.3233991			0.21	2.72	Excellent
2798	05/29/21 06:30:00	7.56	22.48					7.7659285	89.29478536			0.21	2.72	Excellent
2799	05/29/21 07:00:00	7.57	22.46					7.776681615	89.38424705			0.21	2.73	Excellent
2800	05/29/21 07:30:00	7.58	22.44					7.787436001	89.47363153			0.21	2.74	Excellent
2801	05/29/21 08:00:00	7.55	22.42					7.757094467	89.09093382			0.21	2.74	Excellent
2802	05/29/21 08:30:00	7.59	22.40					7.798673649	89.5342054			0.21	2.75	Excellent
2803	05/29/21 09:00:00	7.58	22.38					7.788880075	89.38754499			0.21	2.76	Excellent
2804	05/29/21 09:30:00	7.58	22.36					7.789361433	89.35884644			0.21	2.76	Excellent
2805	05/29/21 10:00:00	7.62	22.32					7.830950141	89.76714551			0.21	2.77	Excellent
2806	05/29/21 10:30:00	7.65	22.30					7.862266457	90.09159342			0.21	2.77	Excellent
2807	05/29/21 11:00:00	7.65	22.28					7.86275226	90.06262583			0.21	2.78	Excellent
2808	05/29/21 11:30:00	7.67	22.24					7.883795549	90.23441759			0.21	2.79	Excellent
2809	05/29/21 12:00:00	7.66	22.22					7.874003245	90.08776374			0.21	2.79	Excellent
2810	05/29/21 12:30:00	7.69	22.20					7.905329721	90.41146479			0.22	2.80	Excellent
2811	05/29/21 13:00:00	7.71	22.20					7.92637936	90.65220474			0.22	2.81	Excellent
2812	05/29/21 13:30:00	7.71	22.18					7.926868974	90.62300221			0.22	2.81	Excellent
2813	05/29/21 14:00:00	7.71	22.16					7.927358587	90.59379813			0.22	2.82	Excellent
2814	05/29/21 14:30:00	7.71	22.14					7.927848201	90.56459249			0.22	2.83	Excellent
2815	05/29/21 15:00:00	7.73	22.12					7.94890419	90.77023715			0.22	2.83	Excellent
2816	05/29/21 15:30:00	7.74	22.10					7.959678897	90.85834068			0.22	2.84	Excellent
2817	05/29/21 16:00:00	7.74	22.08					7.960170415	90.82901674			0.22	2.84	Excellent
2818	05/29/21 16:30:00	7.75	22.04					7.970947027	90.88202718			0.22	2.85	Excellent
2819	05/29/21 17:00:00	7.76	22.02					7.981724909	90.96989207			0.22	2.86	Excellent
2820	05/29/21 17:30:00	7.75	22.00					7.971931335	90.82329691			0.22	2.86	Excellent
2821	05/29/21 18:00:00	7.69	21.94					7.9107015	90.02160938			0.22	2.87	Excellent
2822	05/29/21 18:30:00	7.66	21.90					7.880326944	89.60683334			0.22	2.88	Excellent
2823	05/29/21 19:00:00	7.60	21.86					7.819083774	88.84186613			0.22	2.88	Excellent
2824	05/29/21 19:30:00	7.53	21.82					7.74754408	87.96108315			0.22	2.89	Excellent
2825	05/29/21 20:00:00	7.47	21.78					7.686285034	87.1981957			0.22	2.90	Excellent
2826	05/29/21 20:30:00	7.41	21.74					7.625018367	86.43630655			0.22	2.90	Excellent
2827	05/29/21 21:00:00	7.34	21.68					7.553453272	85.52575301			0.21	2.91	Excellent
2828	05/29/21 21:30:00	7.27	21.64					7.481879286	84.64977982			0.21	2.91	Excellent
2829	05/29/21 22:00:00	7.21	21.56					7.420588488	83.82632242			0.21	2.92	Excellent
2830	05/29/21 22:30:00	7.15	21.50					7.359290069	83.03718862			0.21	2.93	Excellent
2831	05/29/21 23:00:00	7.08	21.44					7.287690682	82.13359419			0.21	2.93	Excellent
2832	05/29/21 23:30:00	7.03	21.40				7.893	7.236670371	81.49523455		8.112	0.21	2.94	Excellent
2833	05/30/21 00:00:00	6.96	21.32	6.68	7.40	7.03375		7.165054472	80.56331779	7.252		0.21	2.95	Excellent
2834	05/30/21 00:30:00	6.95	21.32					7.155201205	80.45252841			0.21	2.95	Excellent
2835	05/30/21 01:00:00	6.90	21.30					7.104163113	79.84757773			0.20	2.96	Excellent
2836	05/30/21 01:30:00	6.88	21.28					7.084008241	79.59005438			0.20	2.97	Excellent
2837	05/30/21 02:00:00	6.87	21.26					7.074147988	79.44832659			0.20	2.97	Excellent
2838	05/30/21 02:30:00	6.85	21.22					7.053988671	79.16021272			0.20	2.98	Excellent
2839	05/30/21 03:00:00	6.84	21.20					7.044125243	79.01871728			0.20	2.98	Excellent
2840	05/30/21 03:30:00	6.79	21.16					6.993064289	78.38477074			0.20	2.99	Excellent
2841	05/30/21 04:00:00	6.76	21.12					6.962596383	77.98237283			0.20	3.00	Excellent
2842	05/30/21 04:30:00	6.74	21.08					6.942425001	77.69575024			0.20	3.00	Excellent
2843	05/30/21 05:00:00	6.72	21.02					6.922251078	77.37920828			0.20	3.01	Excellent
2844	05/30/21 05:30:00	6.70	21.00					6.902074615	77.12350648			0.20	3.02	Excellent
2845	05/30/21 06:00:00	6.70	20.96					6.90250009	77.06793882			0.20	3.02	Excellent
2846	05/30/21 06:30:00	6.69	20.94					6.892622691	76.92754123			0.20	3.03	Excellent
2847	05/30/21 07:00:00	6.68	20.92					6.882744022	76.78721814			0.20	3.04	Excellent
2848	05/30/21 07:30:00	6.69	20.92					6.893472371	76.90690878			0.20	3.04	Excellent
2849	05/30/21 08:00:00	6.72	20.90					6.924811548	77.22629364			0.20	3.05	Excellent
2850	05/30/21 08:30:00	6.73	20.88					6.935543707	77.31568527			0.21	3.05	Excellent
2851	05/30/21 09:00:00	6.72	20.86					6.925665038	77.17531124			0.21	3.06	Excellent
2852	05/30/21 09:30:00	6.73	20.84					6.936398467	77.26462428			0.21	3.07	Excellent
2853	05/30/21 10:00:00	6.81	20.82					7.019284401	78.15723845			0.21	3.07	Excellent
2854	05/30/21 10:30:00	6.87	20.82					7.081564586	78.8507062			0.21	3.08	Excellent
2855	05/30/21 11:00:00	6.96	20.80					7.174778161	79.85727644			0.21	3.09	Excellent
2856	05/30/21 11:30:00	6.98	20.80					7.195838595	80.09168493			0.22	3.09	Excellent
2857	05/30/21 12:00:00	7.03	20.80					7.247831148	80.6703765			0.22	3.10	Excellent
2858	05/30/21 12:30:00	7.10	20.80					7.32045104	81.4786561			0.22	3.10	Excellent
2859	05/30/21 13:00:00	7.13	20.80					7.351835305	81.8279717			0.22	3.11	Excellent
2860	05/30/21 13:30:00	7.18	20.80					7.403846909	82.40687531			0.22	3.12	Excellent
2861	05/30/21 14:00:00	7.24	20.80					7.466177263	83.10062949			0.23	3.12	Excellent
2862	05/30/21 14:30:00	7.27	20.80					7.497576133	83.45010765			0.23	3.13	Excellent
2863	05/30/21 15:00:00	7.29	20.80					7.518665145	83.68483421			0.23	3.14	Excellent
2864	05/30/21 15:30:00	7.33	20.82					7.560385305	84.18220482			0.23	3.14	Excellent
2865	05/30/21 16:00:00	7.34	20.84					7.571165727	84.33530427			0.23	3.15	Excellent
2866	05/30/21 16:30:00	7.36	20.84					7.592262994	84.57030698			0.23	3.16	Excellent
2867	05/30/21 17:00:00	7.38	20.82					7.613362801	84.77209041			0.23	3.16	Excellent
2868	05/30/21 17:30:00	7.40	20.80					7.634465148	84.97372045			0.23	3.17	Excellent
2869	05/30/21 18:00:00	7.39	20.76					7.624617595	84.79753409			0.23	3.17	Excellent
2870	05/30/21 18:30:00	7.35	20.74					7.583814428	84.31063166			0.23	3.18	Excellent
2871	05/30/21 19:00:00	7.34	20.72					7.573962431	84.16804269			0.23	3.19	Excellent
2872	05/30/21 19:30:00	7.33	20.70					7.564109163	84.02552821			0.23	3.19	Excellent
2873	05/30/21 20:00:00	7.31	20.68					7.543934605	83.76849385			0.23	3.20	Excellent
2874	05/30/21 20:30:00	7.26	20.64					7.492795542	83.13524284			0.23	3.21	Excellent
2875	05/30/21 21:00:00	7.27	20.62					7.503577869	83.22213416			0.23	3.21	Excellent
2876	05/30/21 21:30:00	7.26	20.60					7.493717616	83.0800773			0.23	3.22	Excellent
2877	05/30/21 22:00:00	7.25	20.58					7.483856093	82.93809496			0.23	3.23	Excellent
2878	05/30/21 22:30:00	7.20	20.58					7.432700519	82.37117521			0.23	3.23	Excellent
2879	05/30/21 23:00:00	7.21	20.56					7.443481576	82.45818119			0.23	3.24	Excellent
2880	05/30/21 23:30:00	7.16	20.54				7.486	7.392317111	81.85913928		7.693	0.23	3.24	Excellent
2881	05/31/21 00:00:00	7.16	20.52	6.98	7.73	7.28875		7.392771798	81.83192798	7.537		0.23	3.25	Excellent
2882	05/31/21 00:30:00	7.14	20.50					7.372575014	81.57621045			0.23	3.26	Excellent
2883	05/31/21 01:00:00	7.12	20.48					7.35237569	81.32064351			0.23	3.26	Excellent
2884	05/31/21 01:30:00	7.13	20.46					7.363154842	81.40775632			0.23	3.27	Excellent
2885	05/31/21 02:00:00	7.12	20.44					7.353279983	81.26651494			0.23	3.28	Excellent
2886	05/31/21 02:30:00	7.11	20.42					7.343403854	81.12534816			0.23	3.28	Excellent
2887	05/31/21 03:00:00	7.09	20.40					7.323197544	80.87019366			0.23	3.29	Excellent
2888	05/31/21 03:30:00	7.07	20.40					7.302988694	80.64702699			0.23	3.30	Excellent
2889	05/31/21 04:00:00	7.06	20.38					7.293107485	80.50611452			0.23	3.30	Excellent
2890	05/31/21 04:30:00	7.05	20.36					7.283225005	80.36527668			0.23	3.31	Excellent
2891	05/31/21 05:00:00	7.05	20.36					7.283672707	80.37021675			0.23	3.31	Excellent

2892	05/31/21 05:30:00	7.02	20.34					7.253124151	80.00152003			0.23	3.32	Excellent
2893	05/31/21 06:00:00	7.01	20.34					7.243237226	79.89246785			0.23	3.33	Excellent
2894	05/31/21 06:30:00	6.98	20.34					7.21268232	79.55544908			0.23	3.33	Excellent
2895	05/31/21 07:00:00	7.01	20.32					7.244127548	79.8707149			0.23	3.34	Excellent
2896	05/31/21 07:30:00	7.02	20.34					7.254907335	80.02118844			0.23	3.35	Excellent
2897	05/31/21 08:00:00	7.04	20.38					7.276023653	80.31753195			0.24	3.35	Excellent
2898	05/31/21 08:30:00	7.04	20.40					7.276470719	80.35418854			0.24	3.36	Excellent
2899	05/31/21 09:00:00	7.06	20.42					7.297590847	80.61923462			0.24	3.37	Excellent
2900	05/31/21 09:30:00	7.06	20.42					7.298039183	80.62418756			0.24	3.37	Excellent
2901	05/31/21 10:00:00	7.06	20.44					7.298487519	80.66096306			0.24	3.38	Excellent
2902	05/31/21 10:30:00	7.08	20.46					7.319612728	80.92635047			0.24	3.38	Excellent
2903	05/31/21 11:00:00	7.09	20.46					7.330401405	81.04563113			0.24	3.39	Excellent
2904	05/31/21 11:30:00	7.12	20.48					7.361870765	81.42566339			0.24	3.40	Excellent
2905	05/31/21 12:00:00	7.14	20.48					7.383003593	81.65940216			0.24	3.40	Excellent
2906	05/31/21 12:30:00	7.17	20.46					7.414479939	81.97521158			0.24	3.41	Excellent
2907	05/31/21 13:00:00	7.23	20.46					7.476984928	82.66627282			0.25	3.42	Excellent
2908	05/31/21 13:30:00	7.29	20.44					7.539497537	83.32454234			0.25	3.42	Excellent
2909	05/31/21 14:00:00	7.34	20.42					7.591674886	83.86809176			0.25	3.43	Excellent
2910	05/31/21 14:30:00	7.36	20.40					7.612828036	84.06858805			0.25	3.44	Excellent
2911	05/31/21 15:00:00	7.38	20.40					7.633983726	84.30221069			0.25	3.44	Excellent
2912	05/31/21 15:30:00	7.41	20.38					7.665486743	84.61668155			0.26	3.45	Excellent
2913	05/31/21 16:00:00	7.44	20.38					7.696993569	84.96447461			0.26	3.45	Excellent
2914	05/31/21 16:30:00	7.48	20.38					7.738850263	85.42651631			0.26	3.46	Excellent
2915	05/31/21 17:00:00	7.49	20.34					7.749671962	85.47841231			0.26	3.47	Excellent
2916	05/31/21 17:30:00	7.56	20.34					7.822578891	86.28257132			0.26	3.47	Excellent
2917	05/31/21 18:00:00	7.60	20.30					7.864450826	86.67586532			0.26	3.48	Excellent
2918	05/31/21 18:30:00	7.63	20.28					7.895979244	86.98893823			0.27	3.49	Excellent
2919	05/31/21 19:00:00	7.67	20.26					7.937860704	87.41575202			0.27	3.49	Excellent
2920	05/31/21 19:30:00	7.72	20.24					7.990097111	87.95619237			0.27	3.50	Excellent
2921	05/31/21 20:00:00	7.73	20.22					8.000937861	88.04067099			0.27	3.51	Excellent
2922	05/31/21 20:30:00	7.73	20.16					8.001428745	87.94150862			0.27	3.51	Excellent
2923	05/31/21 21:00:00	7.67	20.10					7.939808998	87.16052862			0.27	3.52	Excellent
2924	05/31/21 21:30:00	7.64	20.04					7.909238851	86.72162942			0.27	3.52	Excellent
2925	05/31/21 22:00:00	7.62	20.00					7.889017935	86.43123111			0.27	3.53	Excellent
2926	05/31/21 22:30:00	7.63	19.98					7.89985551	86.51558125			0.27	3.54	Excellent
2927	05/31/21 23:00:00	7.64	19.94					7.910694356	86.56542672			0.27	3.54	Excellent
2928	05/31/21 23:30:00	7.60	19.92				7.267	7.869759736	86.08323982		7.463	0.27	3.55	Excellent
2929	06/01/21 00:00:00	7.60	19.88	7.60	9.94	8.57500		7.870242364	86.02003074	8.779		0.27	3.56	Excellent
2930	06/01/21 00:30:00	7.61	19.86					7.88108121	86.10420968			0.27	3.56	Excellent
2931	06/01/21 01:00:00	7.62	19.84					7.891921325	86.18831089			0.27	3.57	Excellent
2932	06/01/21 01:30:00	7.62	19.80					7.892405223	86.12493603			0.27	3.57	Excellent
2933	06/01/21 02:00:00	7.65	19.78					7.923963488	86.43484887			0.27	3.58	Excellent
2934	06/01/21 02:30:00	7.61	19.74					7.883014263	85.91961174			0.27	3.59	Excellent
2935	06/01/21 03:00:00	7.62	19.70					7.893856918	85.96914432			0.27	3.59	Excellent
2936	06/01/21 03:30:00	7.65	19.66					7.925420898	86.24398745			0.28	3.60	Excellent
2937	06/01/21 04:00:00	7.64	19.64					7.915546039	86.1021224			0.28	3.61	Excellent
2938	06/01/21 04:30:00	7.63	19.58					7.90566991	85.89161672			0.28	3.61	Excellent
2939	06/01/21 05:00:00	7.63	19.56					7.906154444	85.86252523			0.28	3.62	Excellent
2940	06/01/21 05:30:00	7.67	19.52					7.948089247	86.24887841			0.28	3.63	Excellent
2941	06/01/21 06:00:00	7.68	19.46					7.958939523	86.26289788			0.28	3.63	Excellent
2942	06/01/21 06:30:00	7.77	19.40					8.052701769	87.17421956			0.28	3.64	Excellent
2943	06/01/21 07:00:00	7.83	19.36					8.115382028	87.78228541			0.29	3.64	Excellent
2944	06/01/21 07:30:00	7.91	19.32					8.198800123	88.61341031			0.29	3.65	Excellent
2945	06/01/21 08:00:00	7.99	19.28					8.282228379	89.44320768			0.29	3.66	Excellent
2946	06/01/21 08:30:00	8.08	19.24					8.376033173	90.38353841			0.30	3.66	Excellent
2947	06/01/21 09:00:00	8.13	19.18					8.428381346	90.83869469			0.30	3.67	Excellent
2948	06/01/21 09:30:00	8.17	19.16					8.470368223	91.25446796			0.30	3.68	Excellent
2949	06/01/21 10:00:00	8.22	19.14					8.522728462	91.78159098			0.30	3.68	Excellent
2950	06/01/21 10:30:00	8.28	19.12					8.58546397	92.4199493			0.31	3.69	Good
2951	06/01/21 11:00:00	8.31	19.12					8.617098439	92.76048489			0.31	3.70	Good
2952	06/01/21 11:30:00	8.36	19.14					8.669477094	93.36193265			0.31	3.70	Good
2953	06/01/21 12:00:00	8.43	19.16					8.742603746	94.18736382			0.31	3.71	Good
2954	06/01/21 12:30:00	8.51	19.20					8.826110746	95.16360472			0.32	3.71	Good
2955	06/01/21 13:00:00	8.60	19.16					8.92	96.09852049			0.32	3.72	Good
2956	06/01/21 13:30:00	8.74	19.20					8.829183673	95.77001655			0.09	1.02	Excellent
2957	06/01/21 14:00:00	8.82	19.16					8.91	96.56881523			0.09	1.02	Excellent
2958	06/01/21 14:30:00	8.88	19.14					8.970493217	97.18528907			0.09	1.02	Excellent
2959	06/01/21 15:00:00	8.96	19.12					9.051188371	98.02001507			0.09	1.02	Excellent
2960	06/01/21 15:30:00	9.02	19.10					9.111678102	98.63531287			0.09	1.02	Excellent
2961	06/01/21 16:00:00	9.11	19.02					9.20247074	99.45749628			0.09	1.02	Excellent
2962	06/01/21 16:30:00	9.20	18.94					9.293260964	100.2765355			0.09	1.01	Excellent
2963	06/01/21 17:00:00	9.32	18.90					9.414352486	101.5010085			0.09	1.01	Excellent
2964	06/01/21 17:30:00	9.52	18.94					9.61624961	103.7616612			0.10	1.01	Excellent
2965	06/01/21 18:00:00	9.54	18.92					9.636323941	103.9362312			0.10	1.01	Excellent
2966	06/01/21 18:30:00	9.62	18.90					9.717002741	104.7640376			0.10	1.01	Excellent
2967	06/01/21 19:00:00	9.55	18.78					9.646168891	103.7479535			0.10	1.01	Excellent
2968	06/01/21 19:30:00	9.50	18.68					9.595538051	102.9942744			0.10	1.01	Excellent
2969	06/01/21 20:00:00	9.52	18.58					9.615611577	103.0002551			0.10	1.00	Excellent
2970	06/01/21 20:30:00	9.54	18.50					9.635684567	103.0473998			0.10	1.00	Excellent
2971	06/01/21 21:00:00	9.62	18.46					9.716358006	103.8255314			0.10	1.00	Excellent
2972	06/01/21 21:30:00	9.74	18.42					9.837429421	105.0335983			0.10	1.00	Excellent
2973	06/01/21 22:00:00	9.85	18.40					9.948397724	106.1750923			0.10	1.00	Excellent
2974	06/01/21 22:30:00	9.89	18.34					9.988664742	106.4744184			0.10	1.00	Excellent
2975	06/01/21 23:00:00	9.90	18.26					9.998631804	106.4066358			0.10	1.00	Excellent
2976	06/01/21 23:30:00	9.94	18.24				7.335	10.03889708	106.7914707		7.526	0.10	0.99	Excellent
2977	06/02/21 00:00:00	9.98	18.22	9.98	10.56	10.30833		10.07916128	107.1759473	10.407		0.10	0.99	Excellent
2978	06/02/21 00:30:00	9.98	18.22					10.07902751	107.1745249			0.10	0.99	Excellent
2979	06/02/21 01:00:00	10.00	18.22					10.09909192	107.3878782			0.10	0.99	Excellent
2980	06/02/21 01:30:00	9.98	18.22					10.07875997	107.17168			0.10	0.99	Excellent
2981	06/02/21 02:00:00	10.03	18.22					10.12912031	107.7071826			0.10	0.99	Excellent
2982	06/02/21 02:30:00	10.06	18.22					10.15928194	108.0279039			0.10	0.99	Excellent
2983	06/02/21 03:00:00	10.09	18.22					10.18944276	108.3486165			0.10	0.99	Excellent
2984	06/02/21 03:30:00	10.12	18.22					10.21960278	108.6693206			0.10	0.98	Excellent
2985	06/02/21 04:00:00	10.12	18.22					10.21946713	108.6678782			0.10	0.98	Excellent
2986	06/02/21 04:30:00	10.17	18.20					10.26982225	109.1586549			0.10	0.98	Excellent
2987	06/02/21 05:00:00	10.20	18.18					10.29997999	109.4344057			0.10	0.98	Excellent
2988	06/02/21 05:30:00	10.20	18.16					10.29984327	109.3881594			0.10	0.98	Excellent
2989	06/02/21 06:00:00	10.20	18.14					10.29970655	109.3419179			0.10	0.98	Excellent
2990	06/02/21 06:30:00	10.21	18.10					10.30966744	109.3580084			0.10	0.98	Excellent
2991	06/02/21 07:00:00	10.22	18.08					10.31962807	109.4187989			0.10	0.97	Excellent
2992	06/02/21 07:30:00	10.21	18.04					10.30939373	109.2206542			0.10	0.97	Excellent
2993	06/02/21 08:00:00	10.20	18.04					10.29915966	109.1122315			0.10	0.97	Excellent
2994	06/02/21 08:30:00	10.19	18.02					10.28892586	108.959091			0.10	0.97	Excellent
2995	06/02/21 09:00:00	10.19	17.98					10.28878927	108.8682152			0.10	0.97	Excellent
2996	06/02/21 09:30:00	10.19	17.96					10.28865268	108.8220614			0.10	0.97	Excellent
2997	06/02/21 10:00:00	10.20	17.94					10.29861277	108.8826601			0.10	0.97	Excellent
2998	06/02/21 10:30:00	10.25	17.92					10.34895878	109.3699827			0.10	0.97	Excellent
2999	06/02/21 11:00:00	10.30	17.92					10.39930344	109.9020358			0.10	0.96	Excellent
3000	06/02/21 11:30:00	10.32	17.90					10.41935793	110.0687104			0.10	0.96	Excellent
3001	06/02/21 12:00:00	10.35	17.90					10.44950803	110.387212			0.10	0.96	Excellent
3002	06/02/21 12:30:00	10.37	17.90					10.46956132	110.5990523			0.10	0.96	Excellent
3003	06/02/21 13:00:00	10.38	17.90					10.47951819	110.7042354			0.10	0.96	Excellent
3004	06/02/21 13:30:00	10.40	17.92					10.49957054	110.9616796			0.10	0.96	Excellent
3005	06/02/21 14:00:00	10.41	17.92					10.50952675	111.0668989			0.10	0.96	Excellent
3006	06/02/21 14:30:00	10.43	17.96					10.52957816	111.3703063			0.10	0.95	Excellent
3007	06/02/21 15:00:00	10.44	17.98					10.53953369	111.5214037			0.10	0.95	Excellent

3008	06/02/21 15:30:00	10.43	18.02					10.52929855	111.5046229			0.10	0.95	Excellent
3009	06/02/21 16:00:00	10.43	18.06					10.52915874	111.5946759			0.10	0.95	Excellent
3010	06/02/21 16:30:00	10.42	18.10					10.518924	111.5776611			0.10	0.95	Excellent
3011	06/02/21 17:00:00	10.42	18.14					10.51878433	111.6676527			0.10	0.95	Excellent
3012	06/02/21 17:30:00	10.44	18.18					10.538834	111.9721627			0.10	0.95	Excellent
3013	06/02/21 18:00:00	10.46	18.24					10.55888313	112.3229623			0.10	0.95	Excellent
3014	06/02/21 18:30:00	10.50	18.28					10.59912052	112.8432226			0.10	0.94	Excellent
3015	06/02/21 19:00:00	10.51	18.32					10.60907405	113.0415182			0.10	0.94	Excellent
3016	06/02/21 19:30:00	10.52	18.36					10.6190273	113.2399993			0.10	0.94	Excellent
3017	06/02/21 20:00:00	10.52	18.40					10.61888629	113.3309366			0.10	0.94	Excellent
3018	06/02/21 20:30:00	10.52	18.42					10.61874528	113.3756573			0.10	0.94	Excellent
3019	06/02/21 21:00:00	10.54	18.46					10.63879173	113.6823288			0.10	0.94	Excellent
3020	06/02/21 21:30:00	10.54	18.52					10.63865045	113.8198007			0.10	0.94	Excellent
3021	06/02/21 22:00:00	10.55	18.56					10.64860264	114.019036			0.10	0.93	Excellent
3022	06/02/21 22:30:00	10.56	18.58					10.65855455	114.1720242			0.10	0.93	Excellent
3023	06/02/21 23:00:00	10.53	18.60					10.62813342	113.89246			0.10	0.93	Excellent
3024	06/02/21 23:30:00	10.52	18.60				7.755	10.61789922	113.782789		7.941	0.10	0.93	Excellent
3025	06/03/21 00:00:00	10.49	18.60	9.32	10.49	10.05208		10.58747943	113.4568066	10.142		0.10	0.93	Excellent
3026	06/03/21 00:30:00	10.49	18.62					10.58733882	113.5014259			0.10	0.93	Excellent
3027	06/03/21 01:00:00	10.47	18.64					10.5670129	113.3295633			0.10	0.93	Excellent
3028	06/03/21 01:30:00	10.47	18.64					10.56687256	113.3280582			0.10	0.93	Excellent
3029	06/03/21 02:00:00	10.46	18.66					10.55663982	113.2643135			0.10	0.92	Excellent
3030	06/03/21 02:30:00	10.44	18.66					10.53631511	113.0462455			0.10	0.92	Excellent
3031	06/03/21 03:00:00	10.42	18.66					10.51599092	112.8281833			0.10	0.92	Excellent
3032	06/03/21 03:30:00	10.40	18.68					10.49566728	112.6558646			0.10	0.92	Excellent
3033	06/03/21 04:00:00	10.38	18.68					10.47534417	112.4377253			0.10	0.92	Excellent
3034	06/03/21 04:30:00	10.38	18.70					10.47520503	112.4818842			0.10	0.92	Excellent
3035	06/03/21 05:00:00	10.38	18.72					10.4750659	112.5260455			0.10	0.92	Excellent
3036	06/03/21 05:30:00	10.37	18.72					10.46483531	112.4161457			0.09	0.91	Excellent
3037	06/03/21 06:00:00	10.36	18.74					10.454605	112.3518187			0.09	0.91	Excellent
3038	06/03/21 06:30:00	10.34	18.76					10.43428376	112.1789187			0.09	0.91	Excellent
3039	06/03/21 07:00:00	10.33	18.80					10.42405412	112.1598315			0.09	0.91	Excellent
3040	06/03/21 07:30:00	10.31	18.82					10.40373382	111.9865537			0.09	0.91	Excellent
3041	06/03/21 08:00:00	10.31	18.84					10.40359563	112.0304319			0.09	0.91	Excellent
3042	06/03/21 08:30:00	10.29	18.88					10.38327613	111.902188			0.09	0.91	Excellent
3043	06/03/21 09:00:00	10.26	18.90					10.35286667	111.6196158			0.09	0.91	Excellent
3044	06/03/21 09:30:00	10.25	18.94					10.34263876	111.599576			0.09	0.90	Excellent
3045	06/03/21 10:00:00	10.20	18.96					10.29205014	111.0986135			0.09	0.90	Excellent
3046	06/03/21 10:30:00	10.18	18.98					10.2717332	110.9241161			0.09	0.90	Excellent
3047	06/03/21 11:00:00	10.16	19.00					10.25141679	110.7494507			0.09	0.90	Excellent
3048	06/03/21 11:30:00	10.14	19.04					10.23110092	110.6192669			0.09	0.90	Excellent
3049	06/03/21 12:00:00	10.15	19.06					10.24105471	110.7715843			0.09	0.90	Excellent
3050	06/03/21 12:30:00	10.13	19.08					10.22073951	110.5964578			0.09	0.90	Excellent
3051	06/03/21 13:00:00	10.13	19.10					10.22060373	110.6396028			0.09	0.89	Excellent
3052	06/03/21 13:30:00	10.11	19.12					10.20028933	110.4642256			0.09	0.89	Excellent
3053	06/03/21 14:00:00	10.10	19.16					10.19006464	110.442477			0.09	0.89	Excellent
3054	06/03/21 14:30:00	10.09	19.20					10.17984022	110.4205669			0.09	0.89	Excellent
3055	06/03/21 15:00:00	10.05	19.22					10.13934936	110.025644			0.09	0.89	Excellent
3056	06/03/21 15:30:00	10.01	19.24					10.09885956	109.6303826			0.09	0.89	Excellent
3057	06/03/21 16:00:00	9.92	19.24					10.00792766	108.6432514			0.09	0.89	Excellent
3058	06/03/21 16:30:00	9.87	19.26					9.957352176	108.1377112			0.09	0.89	Excellent
3059	06/03/21 17:00:00	9.83	19.28					9.916866403	107.7413518			0.09	0.88	Excellent
3060	06/03/21 17:30:00	9.78	19.32					9.866293468	107.2781123			0.09	0.88	Excellent
3061	06/03/21 18:00:00	9.76	19.40					9.845986175	107.2294091			0.09	0.88	Excellent
3062	06/03/21 18:30:00	9.72	19.44					9.805503485	106.8742431			0.09	0.88	Excellent
3063	06/03/21 19:00:00	9.68	19.52					9.765021868	106.6037857			0.09	0.88	Excellent
3064	06/03/21 19:30:00	9.64	19.58					9.724541322	106.2894446			0.08	0.88	Excellent
3065	06/03/21 20:00:00	9.60	19.66					9.68406185	106.0164503			0.08	0.88	Excellent
3066	06/03/21 20:30:00	9.52	19.72					9.603233727	105.2576427			0.08	0.87	Excellent
3067	06/03/21 21:00:00	9.43	19.80					9.512320454	104.4277095			0.08	0.87	Excellent
3068	06/03/21 21:30:00	9.37	19.84					9.451671079	103.8446477			0.08	0.87	Excellent
3069	06/03/21 22:00:00	9.35	19.88					9.431371427	103.704209			0.08	0.87	Excellent
3070	06/03/21 22:30:00	9.33	19.94					9.41107231	103.6046522			0.08	0.87	Excellent
3071	06/03/21 23:00:00	9.32	19.96					9.40086049	103.5334092			0.08	0.87	Excellent
3072	06/03/21 23:30:00	9.33	19.96				8.274	9.410822191	103.6431192		8.452	0.08	0.87	Excellent
3073	06/04/21 00:00:00	9.37	19.96	8.54	9.38	9.02271		9.451043099	104.0860795	9.098		0.08	0.86	Excellent
3074	06/04/21 00:30:00	9.38	19.98					9.461003861	104.2372229			0.08	0.86	Excellent
3075	06/04/21 01:00:00	9.35	19.98					9.430619459	103.9024608			0.08	0.86	Excellent
3076	06/04/21 01:30:00	9.32	20.00					9.400235861	103.6088884			0.08	0.86	Excellent
3077	06/04/21 02:00:00	9.28	20.02					9.359767111	103.2038508			0.08	0.86	Excellent
3078	06/04/21 02:30:00	9.31	20.04					9.389900187	103.57725			0.08	0.86	Excellent
3079	06/04/21 03:00:00	9.31	20.06					9.389775395	103.6170182			0.08	0.86	Excellent
3080	06/04/21 03:30:00	9.30	20.06					9.37956505	103.5043461			0.08	0.86	Excellent
3081	06/04/21 04:00:00	9.28	20.08					9.359269552	103.3213978			0.08	0.85	Excellent
3082	06/04/21 04:30:00	9.26	20.10					9.338974591	103.1382808			0.08	0.85	Excellent
3083	06/04/21 05:00:00	9.24	20.10					9.318680166	102.9141521			0.08	0.85	Excellent
3084	06/04/21 05:30:00	9.21	20.12					9.28830126	102.6193617			0.08	0.85	Excellent
3085	06/04/21 06:00:00	9.21	20.12					9.288177808	102.6179978			0.08	0.85	Excellent
3086	06/04/21 06:30:00	9.20	20.14					9.277969607	102.5458829			0.08	0.85	Excellent
3087	06/04/21 07:00:00	9.18	20.14					9.257677059	102.3215971			0.08	0.85	Excellent
3088	06/04/21 07:30:00	9.16	20.16					9.237385046	102.1378102			0.08	0.84	Excellent
3089	06/04/21 08:00:00	9.17	20.18					9.247346613	102.2884953			0.08	0.84	Excellent
3090	06/04/21 08:30:00	9.18	20.18					9.257307911	102.3986811			0.08	0.84	Excellent
3091	06/04/21 09:00:00	9.15	20.20					9.226932623	102.1031419			0.08	0.84	Excellent
3092	06/04/21 09:30:00	9.16	20.20					9.236893921	102.2133713			0.08	0.84	Excellent
3093	06/04/21 10:00:00	9.11	20.20					9.186352084	101.6540868			0.08	0.84	Excellent
3094	06/04/21 10:30:00	9.11	20.22					9.186229973	101.693014			0.08	0.84	Excellent
3095	06/04/21 11:00:00	9.13	20.22					9.206274948	101.9149151			0.08	0.84	Excellent
3096	06/04/21 11:30:00	9.15	20.24					9.226319387	102.1772676			0.08	0.83	Excellent
3097	06/04/21 12:00:00	9.14	20.26					9.216113465	102.1046575			0.08	0.83	Excellent
3098	06/04/21 12:30:00	9.12	20.28					9.19582467	101.9202095			0.08	0.83	Excellent
3099	06/04/21 13:00:00	9.12	20.32					9.195702425	101.9995233			0.08	0.83	Excellent
3100	06/04/21 13:30:00	9.10	20.36					9.175414434	101.8549907			0.08	0.83	Excellent
3101	06/04/21 14:00:00	9.09	20.36					9.165209718	101.7417096			0.08	0.83	Excellent
3102	06/04/21 14:30:00	9.05	20.36					9.124757455	101.2926547			0.07	0.83	Excellent
3103	06/04/21 15:00:00	9.02	20.42					9.094388736	101.0752484			0.07	0.82	Excellent
3104	06/04/21 15:30:00	8.93	20.46					9.003526799	100.1444335			0.07	0.82	Excellent
3105	06/04/21 16:00:00	8.78	20.38					8.852174059	98.30558293			0.07	0.82	Excellent
3106	06/04/21 16:30:00	8.69	20.34					8.761317753	97.21972477			0.07	0.82	Excellent
3107	06/04/21 17:00:00	8.61	20.34					8.680545793	96.32344092			0.07	0.82	Excellent
3108	06/04/21 17:30:00	8.54	20.36					8.60985778	95.5768255			0.07	0.82	Excellent
3109	06/04/21 18:00:00	8.56	20.46					8.629906642	95.98873095			0.07	0.82	Excellent
3110	06/04/21 18:30:00	8.58	20.58					8.649954969	96.43956668			0.07	0.82	Excellent
3111	06/04/21 19:00:00	8.56	20.60					8.629677165	96.25138177			0.07	0.81	Excellent
3112	06/04/21 19:30:00	8.55	20.56					8.619481161	96.06196249			0.07	0.81	Excellent
3113	06/04/21 20:00:00	8.60	20.52					8.669772209	96.54631621			0.07	0.81	Excellent
3114	06/04/21 20:30:00	8.70	20.56					8.770466898	97.74466078			0.07	0.81	Excellent
3115	06/04/21 21:00:00	8.74	20.58					8.810673733	98.23144282			0.07	0.81	Excellent
3116	06/04/21 21:30:00	8.75	20.60					8.820637309	98.38126189			0.07	0.81	Excellent
3117	06/04/21 22:00:00	8.84	20.64					8.911245373	99.4701344			0.07	0.81	Excellent
3118	06/04/21 22:30:00	8.83	20.68					8.90104642	99.43448585			0.07	0.80	Excellent
3119	06/04/21 23:00:00	8.83	20.70					8.900928063	99.47226548			0.07	0.80	Excellent
3120	06/04/21 23:30:00	8.84	20.70				8.546	8.910889897	99.58359389		8.709	0.07	0.80	Excellent
3121	06/05/21 00:00:00	8.84	20.70	7.93	9.71	8.94917		8.910771405	99.58226969	9.018		0.07	0.80	Excellent
3122	06/05/21 00:30:00	8.68	20.72					8.749374127	97.81701451			0.07	0.80	Excellent
3123	06/05/21 01:00:00	8.04	20.70					8.104151216	90.56789084			0.06	0.80	Excellent

3124	06/05/21 01:30:00	8.27	20.70					8.335875536	93.15752452			0.07	0.80	Excellent
3125	06/05/21 02:00:00	8.14	20.70					8.204730898	91.69191845			0.06	0.80	Excellent
3126	06/05/21 02:30:00	8.00	20.70					8.063510358	90.11370919			0.06	0.79	Excellent
3127	06/05/21 03:00:00	7.93	20.70					7.992848348	89.32402635			0.06	0.79	Excellent
3128	06/05/21 03:30:00	8.08	20.68					8.143928852	90.97664925			0.06	0.79	Excellent
3129	06/05/21 04:00:00	8.41	20.68					8.476427079	94.69102043			0.07	0.79	Excellent
3130	06/05/21 04:30:00	8.55	20.68					8.617418276	96.26604728			0.07	0.79	Excellent
3131	06/05/21 05:00:00	8.58	20.68					8.647539824	96.60253814			0.07	0.79	Excellent
3132	06/05/21 05:30:00	8.63	20.68					8.697817736	97.16419775			0.07	0.79	Excellent
3133	06/05/21 06:00:00	8.63	20.68					8.697702059	97.16290551			0.07	0.78	Excellent
3134	06/05/21 06:30:00	8.67	20.68					8.737899644	97.61195678			0.07	0.78	Excellent
3135	06/05/21 07:00:00	8.64	20.70					8.707548886	97.31115771			0.07	0.78	Excellent
3136	06/05/21 07:30:00	8.69	20.70					8.757823313	97.87299925			0.07	0.78	Excellent
3137	06/05/21 08:00:00	8.63	20.70					8.697239351	97.19594356			0.07	0.78	Excellent
3138	06/05/21 08:30:00	8.65	20.72					8.717279232	97.45819721			0.07	0.78	Excellent
3139	06/05/21 09:00:00	8.71	20.74					8.77762916	98.17146886			0.07	0.78	Excellent
3140	06/05/21 09:30:00	8.72	20.76					8.787589922	98.32148592			0.07	0.78	Excellent
3141	06/05/21 10:00:00	8.75	20.80					8.81770517	98.73593572			0.07	0.77	Excellent
3142	06/05/21 10:30:00	8.75	20.82					8.817587885	98.77337654			0.07	0.77	Excellent
3143	06/05/21 11:00:00	8.83	20.86					8.898087473	99.75334675			0.07	0.77	Excellent
3144	06/05/21 11:30:00	8.89	20.88					8.958430967	100.4692191			0.07	0.77	Excellent
3145	06/05/21 12:00:00	8.87	20.90					8.938158122	100.2811547			0.07	0.77	Excellent
3146	06/05/21 12:30:00	8.89	20.92					8.958192642	100.5453185			0.07	0.77	Excellent
3147	06/05/21 13:00:00	8.93	20.94					8.998379773	101.03594			0.07	0.77	Excellent
3148	06/05/21 13:30:00	8.95	20.96					9.018412952	101.300536			0.07	0.76	Excellent
3149	06/05/21 14:00:00	9.03	20.98					9.098903426	102.244672			0.07	0.76	Excellent
3150	06/05/21 14:30:00	9.11	21.00					9.179391755	103.189495			0.07	0.76	Excellent
3151	06/05/21 15:00:00	9.11	21.00					9.179269644	103.1881223			0.07	0.76	Excellent
3152	06/05/21 15:30:00	9.12	21.02					9.189223436	103.3404367			0.07	0.76	Excellent
3153	06/05/21 16:00:00	9.14	21.04					9.209252729	103.6061936			0.07	0.76	Excellent
3154	06/05/21 16:30:00	9.23	21.08					9.299810929	104.7068221			0.07	0.76	Excellent
3155	06/05/21 17:00:00	9.29	21.10					9.360140214	105.4272555			0.07	0.76	Excellent
3156	06/05/21 17:30:00	9.40	21.18					9.470844724	106.8408866			0.07	0.75	Excellent
3157	06/05/21 18:00:00	9.58	21.26					9.652072914	109.0552904			0.07	0.75	Excellent
3158	06/05/21 18:30:00	9.60	21.30					9.672094701	109.3666875			0.07	0.75	Excellent
3159	06/05/21 19:00:00	9.63	21.36					9.702190915	109.8351889			0.07	0.75	Excellent
3160	06/05/21 19:30:00	9.66	21.38					9.732286326	110.2187582			0.07	0.75	Excellent
3161	06/05/21 20:00:00	9.67	21.42					9.742231539	110.417225			0.07	0.75	Excellent
3162	06/05/21 20:30:00	9.67	21.46					9.742101922	110.5016051			0.07	0.75	Excellent
3163	06/05/21 21:00:00	9.64	21.50					9.711749019	110.2429168			0.07	0.74	Excellent
3164	06/05/21 21:30:00	9.65	21.54					9.721694099	110.4415049			0.07	0.74	Excellent
3165	06/05/21 22:00:00	9.63	21.56					9.701416429	110.2539082			0.07	0.74	Excellent
3166	06/05/21 22:30:00	9.71	21.58					9.781879558	111.2114714			0.07	0.74	Excellent
3167	06/05/21 23:00:00	9.67	21.60					9.741453835	110.7948134			0.07	0.74	Excellent
3168	06/05/21 23:30:00	9.67	21.64				8.747	9.741324218	110.8792428		8.890	0.07	0.74	Excellent
3169	06/06/21 00:00:00	9.61	21.60	9.18	10.04	9.47021		9.680752856	110.1044284	9.537		0.07	0.74	Excellent
3170	06/06/21 00:30:00	9.53	21.58					9.600036121	109.1440696			0.07	0.73	Excellent
3171	06/06/21 01:00:00	9.48	21.60					9.5495416	108.6120919			0.07	0.73	Excellent
3172	06/06/21 01:30:00	9.49	21.60					9.559487752	108.7252149			0.07	0.73	Excellent
3173	06/06/21 02:00:00	9.43	21.60					9.498922019	108.0363681			0.07	0.73	Excellent
3174	06/06/21 02:30:00	9.41	21.60					9.47864971	107.8058002			0.07	0.73	Excellent
3175	06/06/21 03:00:00	9.29	21.58					9.357649739	106.388347			0.07	0.73	Excellent
3176	06/06/21 03:30:00	9.35	21.58					9.41796133	107.0740374			0.07	0.73	Excellent
3177	06/06/21 04:00:00	9.24	21.60					9.307037932	105.8539668			0.07	0.73	Excellent
3178	06/06/21 04:30:00	9.35	21.60					9.417710674	107.1127076			0.07	0.72	Excellent
3179	06/06/21 05:00:00	9.28	21.64					9.34707936	106.3918066			0.07	0.72	Excellent
3180	06/06/21 05:30:00	9.31	21.64					9.377171419	106.7343252			0.07	0.72	Excellent
3181	06/06/21 06:00:00	9.19	21.64					9.256182439	105.3571853			0.07	0.72	Excellent
3182	06/06/21 06:30:00	9.26	21.62					9.326562427	106.1171508			0.07	0.72	Excellent
3183	06/06/21 07:00:00	9.26	21.62					9.326438306	106.1157386			0.07	0.72	Excellent
3184	06/06/21 07:30:00	9.31	21.62					9.376672252	106.6872979			0.07	0.72	Excellent
3185	06/06/21 08:00:00	9.34	21.62					9.406761899	107.0296563			0.07	0.71	Excellent
3186	06/06/21 08:30:00	9.27	21.62					9.336137286	106.2260931			0.07	0.71	Excellent
3187	06/06/21 09:00:00	9.23	21.62					9.295728185	105.7663204			0.07	0.71	Excellent
3188	06/06/21 09:30:00	9.18	21.62					9.245249078	105.1919717			0.07	0.71	Excellent
3189	06/06/21 10:00:00	9.25	21.64					9.315622633	106.0337549			0.07	0.71	Excellent
3190	06/06/21 10:30:00	9.22	21.66					9.285286217	105.7294008			0.07	0.71	Excellent
3191	06/06/21 11:00:00	9.25	21.70					9.315374657	106.154178			0.07	0.71	Excellent
3192	06/06/21 11:30:00	9.24	21.74					9.305180128	106.1200955			0.07	0.71	Excellent
3193	06/06/21 12:00:00	9.19	21.78					9.254704239	105.6261056			0.06	0.70	Excellent
3194	06/06/21 12:30:00	9.27	21.80					9.335143241	106.5853635			0.07	0.70	Excellent
3195	06/06/21 13:00:00	9.28	21.84					9.345089124	106.7813972			0.07	0.70	Excellent
3196	06/06/21 13:30:00	9.21	21.88					9.274474699	106.0563883			0.06	0.70	Excellent
3197	06/06/21 14:00:00	9.32	21.94					9.385119829	107.4459356			0.07	0.70	Excellent
3198	06/06/21 14:30:00	9.27	21.98					9.334646218	106.9505152			0.06	0.70	Excellent
3199	06/06/21 15:00:00	9.37	22.02					9.435217992	108.1861337			0.07	0.70	Excellent
3200	06/06/21 15:30:00	9.50	22.12					9.565995492	109.8969273			0.07	0.69	Excellent
3201	06/06/21 16:00:00	9.64	22.24					9.706838842	111.7723489			0.07	0.69	Excellent
3202	06/06/21 16:30:00	9.67	22.28					9.73691723	112.2047799			0.07	0.69	Excellent
3203	06/06/21 17:00:00	9.56	22.22					9.626027877	110.7992797			0.07	0.69	Excellent
3204	06/06/21 17:30:00	9.50	22.16					9.565486138	109.9756037			0.07	0.69	Excellent
3205	06/06/21 18:00:00	9.66	22.22					9.726459579	111.9552872			0.07	0.69	Excellent
3206	06/06/21 18:30:00	9.65	22.22					9.716261431	111.8379026			0.07	0.69	Excellent
3207	06/06/21 19:00:00	9.80	22.30					9.867160042	113.7492749			0.07	0.69	Excellent
3208	06/06/21 19:30:00	9.81	22.34					9.877097079	113.9511742			0.07	0.68	Excellent
3209	06/06/21 20:00:00	9.63	22.42					9.695736858	112.0303603			0.07	0.68	Excellent
3210	06/06/21 20:30:00	9.93	22.50					9.997651633	115.695785			0.07	0.68	Excellent
3211	06/06/21 21:00:00	9.89	22.50					9.957246553	115.2282055			0.07	0.68	Excellent
3212	06/06/21 21:30:00	10.03	22.62					10.09806403	117.1259405			0.07	0.68	Excellent
3213	06/06/21 22:00:00	10.04	22.66					10.10799732	117.3306563			0.07	0.68	Excellent
3214	06/06/21 22:30:00	9.92	22.72					9.987051631	116.0594265			0.07	0.68	Excellent
3215	06/06/21 23:00:00	9.75	22.74					9.815771871	114.1124587			0.07	0.67	Excellent
3216	06/06/21 23:30:00	9.91	22.70				9.095	9.97671837	115.8951619		9.217	0.07	0.67	Excellent
3217	06/07/21 00:00:00	9.88	22.72	9.23	9.94	9.61146		9.946383965	115.586828	9.673		0.07	0.67	Excellent
3218	06/07/21 00:30:00	9.71	22.70					9.775111578	113.5531843			0.07	0.67	Excellent
3219	06/07/21 01:00:00	9.84	22.72					9.905851412	115.1157996			0.07	0.67	Excellent
3220	06/07/21 01:30:00	9.84	22.72					9.905719516	115.1142668			0.07	0.67	Excellent
3221	06/07/21 02:00:00	9.61	22.74					9.674054576	112.4649358			0.06	0.67	Excellent
3222	06/07/21 02:30:00	9.74	22.74					9.804790524	113.9847959			0.06	0.67	Excellent
3223	06/07/21 03:00:00	9.47	22.76					9.532867546	110.8658005			0.06	0.66	Excellent
3224	06/07/21 03:30:00	9.66	22.76					9.723999397	113.0886349			0.06	0.66	Excellent
3225	06/07/21 04:00:00	9.53	22.76					9.593010381	111.5652525			0.06	0.66	Excellent
3226	06/07/21 04:30:00	9.56	22.76					9.623080592	111.9149645			0.06	0.66	Excellent
3227	06/07/21 05:00:00	9.56	22.76					9.622952449	111.9134742			0.06	0.66	Excellent
3228	06/07/21 05:30:00	9.58	22.76					9.642955738	112.1461094			0.06	0.66	Excellent
3229	06/07/21 06:00:00	9.54	22.76					9.602565	111.6763713			0.06	0.66	Excellent
3230	06/07/21 06:30:00	9.57	22.76					9.632633468	112.026063			0.06	0.65	Excellent
3231	06/07/21 07:00:00	9.59	22.78					9.652635819	112.3014442			0.06	0.65	Excellent
3232	06/07/21 07:30:00	9.55	22.78					9.612246555	111.8315443			0.06	0.65	Excellent
3233	06/07/21 08:00:00	9.52	22.80					9.581923409	111.5212036			0.06	0.65	Excellent
3234	06/07/21 08:30:00	9.44	22.80					9.50127651	110.5825779			0.06	0.65	Excellent
3235	06/07/21 09:00:00	9.56	22.80					9.621927306	111.9867972			0.06	0.65	Excellent
3236	06/07/21 09:30:00	9.57	22.82					9.631863807	112.1451171			0.06	0.65	Excellent
3237	06/07/21 10:00:00	9.58	22.86					9.641800039	112.3462481			0.06	0.65	Excellent
3238	06/07/21 10:30:00	9.61	22.88					9.671864754	112.7394215			0.06	0.64	Excellent
3239	06/07/21 11:00:00	9.59	22.92					9.651607459	112.5888434			0.06	0.64	Excellent

3240	06/07/21 11:30:00	9.59	22.94					9.651478914	112.6301233			0.06	0.64	Excellent
3241	06/07/21 12:00:00	9.56	22.98					9.621158449	112.3615922			0.06	0.64	Excellent
3242	06/07/21 12:30:00	9.50	22.98					9.560647271	111.6549068			0.06	0.64	Excellent
3243	06/07/21 13:00:00	9.44	22.96					9.500137701	110.9061248			0.06	0.64	Excellent
3244	06/07/21 13:30:00	9.49	23.02					9.550329022	111.6190904			0.06	0.64	Excellent
3245	06/07/21 14:00:00	9.49	23.08					9.550201818	111.744657			0.06	0.63	Excellent
3246	06/07/21 14:30:00	9.52	23.12					9.580264522	112.1813996			0.06	0.63	Excellent
3247	06/07/21 15:00:00	9.54	23.20					9.600263254	112.5859458			0.06	0.63	Excellent
3248	06/07/21 15:30:00	9.60	23.34					9.660513589	113.5926743			0.06	0.63	Excellent
3249	06/07/21 16:00:00	9.68	23.44					9.740888117	114.7540364			0.06	0.63	Excellent
3250	06/07/21 16:30:00	9.72	23.54					9.781009434	115.4439534			0.06	0.63	Excellent
3251	06/07/21 17:00:00	9.81	23.64					9.871442842	116.7306871			0.06	0.63	Excellent
3252	06/07/21 17:30:00	9.94	23.80					10.00212383	118.6318137			0.06	0.62	Excellent
3253	06/07/21 18:00:00	9.90	23.86					9.961741137	118.2857992			0.06	0.62	Excellent
3254	06/07/21 18:30:00	9.92	23.90					9.981732899	118.6120117			0.06	0.62	Excellent
3255	06/07/21 19:00:00	9.92	23.94					9.98159993	118.6992754			0.06	0.62	Excellent
3256	06/07/21 19:30:00	9.89	24.00					9.951281074	118.4716176			0.06	0.62	Excellent
3257	06/07/21 20:00:00	9.75	24.02					9.810282907	116.8366872			0.06	0.62	Excellent
3258	06/07/21 20:30:00	9.73	24.06					9.790028828	116.6826507			0.06	0.62	Excellent
3259	06/07/21 21:00:00	9.56	24.08					9.618851877	114.6853089			0.06	0.62	Excellent
3260	06/07/21 21:30:00	9.42	24.06					9.477863764	112.9621053			0.06	0.61	Excellent
3261	06/07/21 22:00:00	9.41	24.12					9.467676205	112.9671777			0.06	0.61	Excellent
3262	06/07/21 22:30:00	9.33	24.16					9.387060805	112.0889124			0.06	0.61	Excellent
3263	06/07/21 23:00:00	9.31	24.20					9.366813697	111.9306075			0.06	0.61	Excellent
3264	06/07/21 23:30:00	9.23	24.28				9.427	9.286201782	111.1328471		9.522	0.06	0.61	Excellent
3265	06/08/21 00:00:00	9.22	24.32	8.46	9.22	8.82646		9.276017306	111.093658	8.883		0.06	0.61	Excellent
3266	06/08/21 00:30:00	9.12	24.36					9.175287498	109.969083			0.06	0.61	Excellent
3267	06/08/21 01:00:00	9.19	24.38					9.245588671	110.8528909			0.06	0.60	Excellent
3268	06/08/21 01:30:00	9.18	24.40					9.235405133	110.7719736			0.06	0.60	Excellent
3269	06/08/21 02:00:00	9.07	24.42					9.124619662	109.4838731			0.05	0.60	Excellent
3270	06/08/21 02:30:00	9.06	24.40					9.114438001	109.3210607			0.05	0.60	Excellent
3271	06/08/21 03:00:00	9.08	24.42					9.134436465	109.6016623			0.05	0.60	Excellent
3272	06/08/21 03:30:00	8.90	24.42					8.953238031	107.4275107			0.05	0.60	Excellent
3273	06/08/21 04:00:00	8.89	24.42					8.943059051	107.3053758			0.05	0.60	Excellent
3274	06/08/21 04:30:00	8.97	24.42					9.023416289	108.2695609			0.05	0.60	Excellent
3275	06/08/21 05:00:00	8.85	24.44					8.902583064	106.8594192			0.05	0.59	Excellent
3276	06/08/21 05:30:00	8.84	24.46					8.892405156	106.7769137			0.05	0.59	Excellent
3277	06/08/21 06:00:00	8.82	24.48					8.872168368	106.5734923			0.05	0.59	Excellent
3278	06/08/21 06:30:00	8.81	24.48					8.861991131	106.4512422			0.05	0.59	Excellent
3279	06/08/21 07:00:00	8.80	24.50					8.851814161	106.3684827			0.05	0.59	Excellent
3280	06/08/21 07:30:00	8.81	24.52					8.861754951	106.527472			0.05	0.59	Excellent
3281	06/08/21 08:00:00	8.67	24.50					8.720816298	104.7943371			0.05	0.59	Excellent
3282	06/08/21 08:30:00	8.73	24.50					8.78105095	105.5181513			0.05	0.58	Excellent
3283	06/08/21 09:00:00	8.73	24.54					8.780933933	105.5950975			0.05	0.58	Excellent
3284	06/08/21 09:30:00	8.68	24.54					8.730525868	104.9889155			0.05	0.58	Excellent
3285	06/08/21 10:00:00	8.71	24.58					8.760583747	105.4285604			0.05	0.58	Excellent
3286	06/08/21 10:30:00	8.71	24.60					8.760466998	105.4662517			0.05	0.58	Excellent
3287	06/08/21 11:00:00	8.71	24.64					8.760350248	105.5430478			0.05	0.58	Excellent
3288	06/08/21 11:30:00	8.71	24.66					8.760233499	105.5807464			0.05	0.58	Excellent
3289	06/08/21 12:00:00	8.74	24.72					8.790289367	106.060726			0.05	0.58	Excellent
3290	06/08/21 12:30:00	8.71	24.76					8.76	105.7735026			0.05	0.57	Excellent
3291	06/08/21 13:00:00	8.79	25.14					8.83	108.2716745			0.04	0.46	Excellent
3292	06/08/21 13:30:00	8.92	24.86					8.96272057	109.3328901			0.04	0.48	Excellent
3293	06/08/21 14:00:00	8.92	24.88					8.964849559	109.3992889			0.04	0.50	Excellent
3294	06/08/21 14:30:00	8.95	24.94					8.997136547	109.9150334			0.05	0.53	Excellent
3295	06/08/21 15:00:00	8.99	25.02					9.039492909	110.5956233			0.05	0.55	Excellent
3296	06/08/21 15:30:00	9.00	25.10					9.051696046	110.9083385			0.05	0.57	Excellent
3297	06/08/21 16:00:00	8.94	25.14					8.993485168	110.2762965			0.05	0.60	Excellent
3298	06/08/21 16:30:00	8.97	25.18					9.025805571	110.7541113			0.06	0.62	Excellent
3299	06/08/21 17:00:00	8.97	25.28					9.027946493	110.9842642			0.06	0.65	Excellent
3300	06/08/21 17:30:00	8.92	25.32					8.97975248	110.4729377			0.06	0.67	Excellent
3301	06/08/21 18:00:00	8.87	25.36					8.9315346	109.9604605			0.06	0.69	Excellent
3302	06/08/21 18:30:00	8.83	25.40					8.893364612	109.5709213			0.06	0.72	Excellent
3303	06/08/21 19:00:00	8.77	25.44					8.835027236	108.9320509			0.07	0.74	Excellent
3304	06/08/21 19:30:00	8.70	25.50					8.766584685	108.2070972			0.07	0.77	Excellent
3305	06/08/21 20:00:00	8.65	25.56					8.71826656	107.7289894			0.07	0.79	Excellent
3306	06/08/21 20:30:00	8.61	25.60					8.680005876	107.3347445			0.07	0.81	Excellent
3307	06/08/21 21:00:00	8.57	25.66					8.641726098	106.9786892			0.07	0.84	Excellent
3308	06/08/21 21:30:00	8.55	25.72					8.623599388	106.8713808			0.07	0.86	Excellent
3309	06/08/21 22:00:00	8.54	25.74					8.615551598	106.8106452			0.08	0.88	Excellent
3310	06/08/21 22:30:00	8.52	25.76					8.597408181	106.6246348			0.08	0.91	Excellent
3311	06/08/21 23:00:00	8.52	25.78					8.599441699	106.6887883			0.08	0.93	Excellent
3312	06/08/21 23:30:00	8.46	25.80				9.463	8.540901449	106.0011822		9.537	0.08	0.96	Excellent
3313	06/09/21 00:00:00	8.45	25.80	7.42	8.45	7.84854		8.532822632	105.900916	7.969		0.08	0.98	Excellent
3314	06/09/21 00:30:00	8.43	25.80					8.514638639	105.6752343			0.08	1.00	Excellent
3315	06/09/21 01:00:00	8.36	25.82					8.445931158	104.860751			0.09	1.03	Excellent
3316	06/09/21 01:30:00	8.35	25.84					8.437821313	104.7982754			0.09	1.05	Excellent
3317	06/09/21 02:00:00	8.30	25.84					8.389276446	104.1953451			0.09	1.08	Excellent
3318	06/09/21 02:30:00	8.26	25.86					8.350817661	103.7555063			0.09	1.10	Excellent
3319	06/09/21 03:00:00	8.24	25.88					8.332564453	103.5664601			0.09	1.12	Excellent
3320	06/09/21 03:30:00	8.22	25.90					8.314301697	103.3771333			0.09	1.15	Excellent
3321	06/09/21 04:00:00	8.20	25.92					8.296029395	103.1875256			0.10	1.17	Excellent
3322	06/09/21 04:30:00	8.17	25.94					8.26762805	102.871723			0.10	1.19	Excellent
3323	06/09/21 05:00:00	8.12	25.94					8.218968619	102.2662676			0.10	1.22	Excellent
3324	06/09/21 05:30:00	8.07	25.98					8.170285321	101.7345602			0.10	1.24	Excellent
3325	06/09/21 06:00:00	8.02	26.00					8.121578155	101.1648762			0.10	1.27	Excellent
3326	06/09/21 06:30:00	7.93	26.02					8.03233095	100.0895911			0.10	1.29	Excellent
3327	06/09/21 07:00:00	7.88	26.04					7.983566501	99.51813286			0.10	1.31	Excellent
3328	06/09/21 07:30:00	7.87	26.10					7.975313451	99.52372623			0.11	1.34	Excellent
3329	06/09/21 08:00:00	7.86	26.16					7.967055627	99.52906494			0.11	1.36	Excellent
3330	06/09/21 08:30:00	7.84	26.20					7.94865444	99.37129474			0.11	1.39	Excellent
3331	06/09/21 09:00:00	7.84	26.24					7.950525658	99.46682624			0.11	1.41	Excellent
3332	06/09/21 09:30:00	7.84	26.26					7.952396877	99.52631905			0.11	1.43	Excellent
3333	06/09/21 10:00:00	7.87	26.30					7.984705347	100.0031361			0.11	1.46	Excellent
3334	06/09/21 10:30:00	7.90	26.36					8.017028136	100.5171248			0.12	1.48	Excellent
3335	06/09/21 11:00:00	7.92	26.40					8.039214723	100.8682954			0.12	1.51	Excellent
3336	06/09/21 11:30:00	7.97	26.46					8.091869588	101.6391946			0.12	1.53	Excellent
3337	06/09/21 12:00:00	7.99	26.52					8.114082429	102.0287725			0.12	1.55	Excellent
3338	06/09/21 12:30:00	7.95	26.54					8.075358713	101.5785371			0.13	1.58	Excellent
3339	06/09/21 13:00:00	7.90	26.56					8.026455833	100.999865			0.13	1.60	Excellent
3340	06/09/21 13:30:00	7.82	26.56					7.947041713	100.0005677			0.13	1.62	Excellent
3341	06/09/21 14:00:00	7.77	26.58					7.898083937	99.42040269			0.13	1.65	Excellent
3342	06/09/21 14:30:00	7.68	26.56					7.80843337	98.25640762			0.13	1.67	Excellent
3343	06/09/21 15:00:00	7.68	26.60					7.810266401	98.35045612			0.13	1.70	Excellent
3344	06/09/21 15:30:00	7.65	26.66					7.781583418	98.0953746			0.13	1.72	Excellent
3345	06/09/21 16:00:00	7.56	26.66					7.691839768	96.96405767			0.13	1.74	Excellent
3346	06/09/21 16:30:00	7.64	26.72					7.775058381	98.1191677			0.14	1.77	Excellent
3347	06/09/21 17:00:00	7.66	26.80					7.797240194	98.54094372			0.14	1.79	Excellent
3348	06/09/21 17:30:00	7.64	26.80					7.778705348	98.30670171			0.14	1.82	Excellent
3349	06/09/21 18:00:00	7.55	26.80					7.688873388	97.17141205			0.14	1.84	Excellent
3350	06/09/21 18:30:00	7.51	26.80					7.64993009	96.67924955			0.14	1.86	Excellent
3351	06/09/21 19:00:00	7.53	26.84					7.67209997	97.02923586			0.14	1.89	Excellent
3352	06/09/21 19:30:00	7.51	26.84					7.653515002	96.79419131			0.14	1.91	Excellent
3353	06/09/21 20:00:00	7.49	26.86					7.634920487	96.59376428			0.14	1.93	Excellent
3354	06/09/21 20:30:00	7.52	26.90					7.667295786	97.0731437			0.15	1.96	Excellent
3355	06/09/21 21:00:00	7.45	26.90					7.597702816	96.19204971			0.15	1.98	Excellent

3356	06/09/21 21:30:00	7.47	26.92					7.619882243	96.50753582			0.15	2.01	Excellent
3357	06/09/21 22:00:00	7.48	26.94					7.631868184	96.69407789			0.15	2.03	Excellent
3358	06/09/21 22:30:00	7.42	26.94					7.572420965	95.9408948			0.15	2.05	Excellent
3359	06/09/21 23:00:00	7.46	26.98					7.615023163	96.54998648			0.16	2.08	Excellent
3360	06/09/21 23:30:00	7.49	27.00				9.112	7.647434263	96.99574112		9.189	0.16	2.10	Excellent
3361	06/10/21 00:00:00	7.47	27.00	6.56	7.47	6.92625		7.628796787	96.75935388	7.112		0.16	2.13	Excellent
3362	06/10/21 00:30:00	7.40	26.98					7.559074933	95.84062542			0.16	2.15	Excellent
3363	06/10/21 01:00:00	7.35	26.96					7.50975437	95.18110774			0.16	2.17	Excellent
3364	06/10/21 01:30:00	7.28	26.94					7.43997046	94.26277627			0.16	2.20	Excellent
3365	06/10/21 02:00:00	7.20	26.92					7.359931009	93.21519451			0.16	2.22	Excellent
3366	06/10/21 02:30:00	7.16	26.90					7.320751422	92.68565798			0.16	2.25	Excellent
3367	06/10/21 03:00:00	7.08	26.88					7.240645142	91.63850785			0.16	2.27	Excellent
3368	06/10/21 03:30:00	7.05	26.88					7.211647107	91.27150511			0.16	2.29	Excellent
3369	06/10/21 04:00:00	7.00	26.86					7.162171405	90.61274411			0.16	2.32	Excellent
3370	06/10/21 04:30:00	6.93	26.84					7.092203715	89.69527374			0.16	2.34	Excellent
3371	06/10/21 05:00:00	6.87	26.84					7.032439057	88.93942865			0.16	2.36	Excellent
3372	06/10/21 05:30:00	6.83	26.82					6.993123425	88.41038776			0.16	2.39	Excellent
3373	06/10/21 06:00:00	6.76	26.82					6.923065038	87.52467635			0.16	2.41	Excellent
3374	06/10/21 06:30:00	6.73	26.82					6.893947665	87.15656069			0.16	2.44	Excellent
3375	06/10/21 07:00:00	6.71	26.82					6.875061966	86.91779871			0.17	2.46	Excellent
3376	06/10/21 07:30:00	6.68	26.82					6.845918339	86.54935114			0.17	2.48	Excellent
3377	06/10/21 08:00:00	6.64	26.82					6.806509624	86.05112744			0.17	2.51	Excellent
3378	06/10/21 08:30:00	6.59	26.84					6.75682866	85.45377723			0.17	2.53	Excellent
3379	06/10/21 09:00:00	6.60	26.84					6.768657075	85.60337148			0.17	2.56	Excellent
3380	06/10/21 09:30:00	6.57	26.84					6.739458553	85.23409705			0.17	2.58	Excellent
3381	06/10/21 10:00:00	6.56	26.86					6.730766338	85.15479083			0.17	2.60	Excellent
3382	06/10/21 10:30:00	6.56	26.88					6.732332052	85.205234			0.17	2.63	Excellent
3383	06/10/21 11:00:00	6.59	26.92					6.76469303	85.67637059			0.17	2.65	Excellent
3384	06/10/21 11:30:00	6.60	26.94					6.776533379	85.85717554			0.18	2.67	Excellent
3385	06/10/21 12:00:00	6.64	26.96					6.819188086	86.42864253			0.18	2.70	Excellent
3386	06/10/21 12:30:00	6.69	27.00					6.872134135	87.16227176			0.18	2.72	Excellent
3387	06/10/21 13:00:00	6.73	27.04					6.914829417	87.76676878			0.18	2.75	Excellent
3388	06/10/21 13:30:00	6.74	27.04					6.926712728	87.91759821			0.19	2.77	Excellent
3389	06/10/21 14:00:00	6.72	27.06					6.907762586	87.70853208			0.19	2.79	Excellent
3390	06/10/21 14:30:00	6.84	27.12					7.032748032	89.39158835			0.19	2.82	Excellent
3391	06/10/21 15:00:00	6.88	27.14					7.075517304	89.96745396			0.20	2.84	Excellent
3392	06/10/21 15:30:00	6.88	27.16					7.077159394	90.02057978			0.20	2.87	Excellent
3393	06/10/21 16:00:00	7.21	27.22					7.41833702	94.46173766			0.21	2.89	Excellent
3394	06/10/21 16:30:00	7.35	27.32					7.564136667	96.49070772			0.21	2.91	Excellent
3395	06/10/21 17:00:00	7.39	27.32					7.607065851	97.03832704			0.22	2.94	Excellent
3396	06/10/21 17:30:00	7.31	27.32					7.526460738	96.01010073			0.22	2.96	Excellent
3397	06/10/21 18:00:00	7.27	27.30					7.487011448	95.4727325			0.22	2.99	Excellent
3398	06/10/21 18:30:00	7.26	27.28					7.478445732	95.32940706			0.22	3.01	Excellent
3399	06/10/21 19:00:00	7.10	27.24					7.3153261	93.18338735			0.22	3.03	Excellent
3400	06/10/21 19:30:00	6.90	27.16					7.110907439	90.44985069			0.21	3.06	Excellent
3401	06/10/21 20:00:00	6.88	27.14					7.091938204	90.17625093			0.21	3.08	Excellent
3402	06/10/21 20:30:00	6.93	27.14					7.145132476	90.85263303			0.22	3.10	Excellent
3403	06/10/21 21:00:00	6.97	27.18					7.188037793	91.46369355			0.22	3.13	Excellent
3404	06/10/21 21:30:00	7.02	27.20					7.241277413	92.17413764			0.22	3.15	Excellent
3405	06/10/21 22:00:00	6.91	27.20					7.129459354	90.75080683			0.22	3.18	Excellent
3406	06/10/21 22:30:00	6.90	27.22					7.12078862	90.67289135			0.22	3.20	Excellent
3407	06/10/21 23:00:00	6.88	27.20					7.101790743	90.3986134			0.22	3.22	Excellent
3408	06/10/21 23:30:00	6.85	27.18				8.665	7.072458562	89.99301357		8.756	0.22	3.25	Excellent
3409	06/11/21 00:00:00	6.86	27.18	4.10	6.86	6.13333		7.084420636	90.14522415	6.367		0.22	3.27	Excellent
3410	06/11/21 00:30:00	6.80	27.16					7.024080769	89.34542634			0.22	3.30	Excellent
3411	06/11/21 01:00:00	6.78	27.16					7.00503993	89.10322926			0.23	3.32	Excellent
3412	06/11/21 01:30:00	6.77	27.16					6.996323849	88.99236179			0.23	3.34	Excellent
3413	06/11/21 02:00:00	6.82	27.16					7.049623138	89.67032207			0.23	3.37	Excellent
3414	06/11/21 02:30:00	6.77	27.16					6.99955552	89.03346824			0.23	3.39	Excellent
3415	06/11/21 03:00:00	6.68	27.16					6.908098177	87.87014231			0.23	3.41	Excellent
3416	06/11/21 03:30:00	6.65	27.14					6.878660978	87.46436314			0.23	3.44	Excellent
3417	06/11/21 04:00:00	6.63	27.12					6.859555697	87.19018175			0.23	3.46	Excellent
3418	06/11/21 04:30:00	6.64	27.14					6.871486743	87.37314046			0.23	3.49	Excellent
3419	06/11/21 05:00:00	6.56	27.12					6.790263459	86.30942459			0.23	3.51	Excellent
3420	06/11/21 05:30:00	6.54	27.12					6.771122377	86.06612684			0.23	3.53	Excellent
3421	06/11/21 06:00:00	6.48	27.10					6.710548608	85.26561816			0.23	3.56	Excellent
3422	06/11/21 06:30:00	6.47	27.10					6.701737056	85.15365676			0.23	3.58	Excellent
3423	06/11/21 07:00:00	6.47	27.08					6.703281289	85.1427442			0.23	3.61	Excellent
3424	06/11/21 07:30:00	6.45	27.06					6.684099631	84.86866184			0.23	3.63	Excellent
3425	06/11/21 08:00:00	6.36	27.04					6.592351103	83.67369896			0.23	3.65	Excellent
3426	06/11/21 08:30:00	6.36	27.04					6.593869082	83.69296597			0.23	3.68	Excellent
3427	06/11/21 09:00:00	6.32	27.02					6.553906639	83.15589594			0.23	3.70	Excellent
3428	06/11/21 09:30:00	6.22	26.98					6.451690148	81.80022348			0.23	3.72	Excellent
3429	06/11/21 10:00:00	6.19	26.96					6.422050075	81.39518419			0.23	3.75	Excellent
3430	06/11/21 10:30:00	6.23	26.92					6.465036542	81.88115324			0.24	3.77	Excellent
3431	06/11/21 11:00:00	6.16	26.90					6.393865925	80.9506615			0.23	3.80	Excellent
3432	06/11/21 11:30:00	6.10	26.88					6.333043933	80.15179377			0.23	3.82	Excellent
3433	06/11/21 12:00:00	6.13	26.86					6.365653134	80.53553397			0.24	3.84	Excellent
3434	06/11/21 12:30:00	6.04	26.84					6.273634902	79.34281396			0.23	3.87	Excellent
3435	06/11/21 13:00:00	6.01	26.82					6.243908906	78.93846196			0.23	3.89	Excellent
3436	06/11/21 13:30:00	5.99	26.80					6.224560175	78.66553019			0.23	3.92	Excellent
3437	06/11/21 14:00:00	5.95	26.78					6.184413951	78.13003453			0.23	3.94	Excellent
3438	06/11/21 14:30:00	5.94	26.76					6.175437713	77.98854711			0.24	3.96	Excellent
3439	06/11/21 15:00:00	5.93	26.74					6.166456701	77.8470837			0.24	3.99	Excellent
3440	06/11/21 15:30:00	5.96	26.74					6.199075449	78.25887195			0.24	4.01	Excellent
3441	06/11/21 16:00:00	5.91	26.72					6.148480357	77.59218589			0.24	4.04	Excellent
3442	06/11/21 16:30:00	5.93	26.70					6.170702745	77.84456869			0.24	4.06	Excellent
3443	06/11/21 17:00:00	5.89	26.64					6.130484919	77.25360399			0.24	4.08	Excellent
3444	06/11/21 17:30:00	5.90	26.58					6.1423014	77.31876281			0.24	4.11	Excellent
3445	06/11/21 18:00:00	5.85	26.52					6.091644252	76.59806159			0.24	4.13	Excellent
3446	06/11/21 18:30:00	5.87	26.46					6.113871413	76.79423894			0.24	4.15	Excellent
3447	06/11/21 19:00:00	5.86	26.40					6.1048546	76.59781441			0.24	4.18	Excellent
3448	06/11/21 19:30:00	5.80	26.32					6.043731877	75.72116116			0.24	4.20	Excellent
3449	06/11/21 20:00:00	5.73	26.24					5.972157898	74.71601469			0.24	4.23	Excellent
3450	06/11/21 20:30:00	5.67	26.16					5.910975505	73.84332336			0.24	4.25	Excellent
3451	06/11/21 21:00:00	5.62	26.12					5.860191859	73.15575226			0.24	4.27	Excellent
3452	06/11/21 21:30:00	5.56	26.08					5.798954571	72.33870862			0.24	4.30	Excellent
3453	06/11/21 22:00:00	5.50	26.06					5.737688642	71.54843808			0.24	4.32	Excellent
3454	06/11/21 22:30:00	5.54	26.04					5.780739551	72.05907366			0.24	4.35	Excellent
3455	06/11/21 23:00:00	5.41	26.02					5.646381664	70.35865869			0.24	4.37	Excellent
3456	06/11/21 23:30:00	4.10	26.00				8.252	4.280121792	53.31451386		8.366	0.18	4.39	Excellent
3457	06/12/21 00:00:00	4.67	26.04	4.67	5.70	5.41729		4.87627773	60.78461987	5.687		0.21	4.42	Excellent
3458	06/12/21 00:30:00	5.41	26.06					5.650255374	70.45815345			0.24	4.44	Excellent
3459	06/12/21 01:00:00	5.35	25.98					5.58886772	69.59132724			0.24	4.46	Excellent
3460	06/12/21 01:30:00	5.36	25.92					5.600593504	69.66120273			0.24	4.49	Excellent
3461	06/12/21 02:00:00	5.46	25.90					5.706385359	70.95120929			0.25	4.51	Excellent
3462	06/12/21 02:30:00	5.53	25.88					5.780864023	71.85106419			0.25	4.54	Excellent
3463	06/12/21 03:00:00	5.57	25.86					5.824008016	72.36092619			0.25	4.56	Excellent
3464	06/12/21 03:30:00	5.59	25.84					5.846254272	72.61084852			0.26	4.58	Excellent
3465	06/12/21 04:00:00	5.45	25.80					5.701137238	70.75685053			0.25	4.61	Excellent
3466	06/12/21 04:30:00	5.46	25.78					5.71290121	70.87698586			0.25	4.63	Excellent
3467	06/12/21 05:00:00	5.57	25.76					5.829325714	72.29501175			0.26	4.66	Excellent
3468	06/12/21 05:30:00	5.56	25.72					5.820187176	72.12898145			0.26	4.68	Excellent
3469	06/12/21 06:00:00	5.56	25.68					5.821514214	72.09273007			0.26	4.70	Excellent
3470	06/12/21 06:30:00	5.52	25.66					5.780950308	71.56423143			0.26	4.73	Excellent
3471	06/12/21 07:00:00	5.45	25.62					5.708941939	70.62115243			0.26	4.75	Excellent

3472	06/12/21 07:30:00	5.43	25.60					5.689287703	70.3522844			0.26	4.78	Excellent
3473	06/12/21 08:00:00	5.47	25.56					5.732503299	70.83481367			0.26	4.80	Excellent
3474	06/12/21 08:30:00	5.43	25.54					5.691879723	70.30709571			0.26	4.82	Excellent
3475	06/12/21 09:00:00	5.50	25.50					5.766568422	71.1775055			0.27	4.85	Excellent
3476	06/12/21 09:30:00	5.40	25.48					5.663010573	69.87367015			0.26	4.87	Excellent
3477	06/12/21 10:00:00	5.36	25.48					5.622341649	69.37187222			0.26	4.89	Excellent
3478	06/12/21 10:30:00	5.40	25.46					5.665588273	69.87985866			0.27	4.92	Excellent
3479	06/12/21 11:00:00	5.37	25.46					5.635394472	69.5074457			0.27	4.94	Excellent
3480	06/12/21 11:30:00	5.30	25.44					5.563199936	68.59184046			0.26	4.97	Excellent
3481	06/12/21 12:00:00	5.33	25.46					5.595961889	69.02108079			0.27	4.99	Excellent
3482	06/12/21 12:30:00	5.33	25.46					5.597234031	69.0367715			0.27	5.01	Good
3483	06/12/21 13:00:00	5.42	25.46					5.693040049	70.21845126			0.27	5.04	Good
3484	06/12/21 13:30:00	5.43	25.44					5.704839823	70.33819879			0.27	5.06	Good
3485	06/12/21 14:00:00	5.43	25.42					5.706135833	70.32838255			0.28	5.09	Good
3486	06/12/21 14:30:00	5.42	25.38					5.696920919	70.16330746			0.28	5.11	Good
3487	06/12/21 15:00:00	5.39	25.34					5.666674609	69.73957536			0.28	5.13	Good
3488	06/12/21 15:30:00	5.34	25.32					5.615382583	69.08295206			0.28	5.16	Good
3489	06/12/21 16:00:00	5.29	25.34					5.56406669	68.47678312			0.27	5.18	Good
3490	06/12/21 16:30:00	5.50	25.34					5.786259181	71.2112987			0.29	5.20	Good
3491	06/12/21 17:00:00	5.54	25.28					5.829663331	71.66645212			0.29	5.23	Good
3492	06/12/21 17:30:00	5.70	25.26					5.999389511	73.72586385			0.30	5.25	Good
3493	06/12/21 18:00:00	5.52	25.20					5.811252596	71.33512638			0.29	5.28	Good
3494	06/12/21 18:30:00	5.47	25.12					5.759919996	70.60096989			0.29	5.30	Good
3495	06/12/21 19:00:00	5.58	25.10					5.877082008	72.01052683			0.30	5.32	Good
3496	06/12/21 19:30:00	5.33	25.10					5.615044025	68.79983601			0.29	5.35	Good
3497	06/12/21 20:00:00	5.45	25.12					5.74276231	70.39066328			0.29	5.37	Good
3498	06/12/21 20:30:00	5.43	25.16					5.722983963	70.19991198			0.29	5.40	Good
3499	06/12/21 21:00:00	5.44	25.18					5.734821925	70.37101571			0.29	5.42	Good
3500	06/12/21 21:30:00	5.40	25.18					5.693942966	69.86939703			0.29	5.44	Good
3501	06/12/21 22:00:00	5.36	25.20					5.653044913	69.3930726			0.29	5.47	Good
3502	06/12/21 22:30:00	5.33	25.20					5.622676879	69.02029452			0.29	5.49	Good
3503	06/12/21 23:00:00	5.21	25.22					5.497331032	67.50645864			0.29	5.51	Good
3504	06/12/21 23:30:00	5.22	25.22				7.748	5.509128419	67.65132891		7.890	0.29	5.54	Good
3505	06/13/21 00:00:00	5.18	25.22	4.44	5.47	5.13854		5.468149217	67.14811002	5.454		0.29	5.56	Good
3506	06/13/21 00:30:00	4.94	25.22					5.215977733	64.05147935			0.28	5.59	Good
3507	06/13/21 01:00:00	4.84	25.20					5.11154633	62.74599106			0.27	5.61	Good
3508	06/13/21 01:30:00	4.96	25.20					5.239462716	64.31620874			0.28	5.63	Good
3509	06/13/21 02:00:00	4.62	25.20					4.88140868	59.92097217			0.26	5.66	Good
3510	06/13/21 02:30:00	4.90	25.18					5.178421142	63.5435172			0.28	5.68	Good
3511	06/13/21 03:00:00	4.44	25.18					4.693343368	57.59121107			0.25	5.71	Good
3512	06/13/21 03:30:00	4.77	25.18					5.043311427	61.88560906			0.27	5.73	Good
3513	06/13/21 04:00:00	4.71	25.16					4.980997711	61.09847645			0.27	5.75	Good
3514	06/13/21 04:30:00	4.75	25.16					5.024432888	61.63126592			0.27	5.78	Good
3515	06/13/21 05:00:00	4.82	25.16					5.09962758	62.55362754			0.28	5.80	Good
3516	06/13/21 05:30:00	4.97	25.14					5.259515902	64.49112045			0.29	5.83	Good
3517	06/13/21 06:00:00	5.02	25.16					5.313626689	65.17860758			0.29	5.85	Good
3518	06/13/21 06:30:00	5.11	25.16					5.410110547	66.36210876			0.30	5.87	Good
3519	06/13/21 07:00:00	5.07	25.20					5.368971431	65.9059728			0.30	5.90	Good
3520	06/13/21 07:30:00	5.11	25.20					5.412549814	66.44091245			0.30	5.92	Good
3521	06/13/21 08:00:00	5.08	25.22					5.381986065	66.09003853			0.30	5.94	Good
3522	06/13/21 08:30:00	5.00	25.22					5.298423759	65.06390505			0.30	5.97	Good
3523	06/13/21 09:00:00	5.06	25.26					5.363212544	65.90795231			0.30	5.99	Good
3524	06/13/21 09:30:00	5.15	25.28					5.459834833	67.1199981			0.31	6.02	Good
3525	06/13/21 10:00:00	5.11	25.32					5.418647983	66.66263487			0.31	6.04	Good
3526	06/13/21 10:30:00	5.19	25.38					5.504718773	67.79614484			0.31	6.06	Good
3527	06/13/21 11:00:00	5.15	25.42					5.463522375	67.33816069			0.31	6.09	Good
3528	06/13/21 11:30:00	5.11	25.46					5.422306884	66.87920485			0.31	6.11	Good
3529	06/13/21 12:00:00	5.13	25.48					5.444753627	67.18068315			0.31	6.14	Good
3530	06/13/21 12:30:00	5.23	25.50					5.55213745	68.53075606			0.32	6.16	Good
3531	06/13/21 13:00:00	5.23	25.48					5.553385725	68.52105207			0.32	6.18	Good
3532	06/13/21 13:30:00	5.21	25.46					5.533392569	68.24934536			0.32	6.21	Good
3533	06/13/21 14:00:00	5.26	25.42					5.58775158	68.86929127			0.33	6.23	Good
3534	06/13/21 14:30:00	5.26	25.40					5.589007015	68.8595008			0.33	6.25	Good
3535	06/13/21 15:00:00	5.29	25.36					5.622146076	69.21697104			0.33	6.28	Good
3536	06/13/21 15:30:00	5.35	25.34					5.687190245	69.9920606			0.34	6.30	Good
3537	06/13/21 16:00:00	5.36	25.32					5.699099809	70.11287888			0.34	6.33	Good
3538	06/13/21 16:30:00	5.28	25.30					5.615298827	69.05655021			0.34	6.35	Good
3539	06/13/21 17:00:00	5.32	25.26					5.659108725	69.54418922			0.34	6.37	Good
3540	06/13/21 17:30:00	5.47	25.26					5.819975618	71.52106548			0.35	6.40	Good
3541	06/13/21 18:00:00	5.40	25.18					5.746785804	70.51782242			0.35	6.42	Good
3542	06/13/21 18:30:00	5.38	25.10					5.726785488	70.16897832			0.35	6.45	Good
3543	06/13/21 19:00:00	5.40	25.02					5.749363503	70.34182631			0.35	6.47	Good
3544	06/13/21 19:30:00	5.38	24.92					5.72935364	69.96776944			0.35	6.49	Good
3545	06/13/21 20:00:00	5.42	24.86					5.773244688	70.42566173			0.35	6.52	Good
3546	06/13/21 20:30:00	5.36	24.80					5.710613533	69.58440294			0.35	6.54	Good
3547	06/13/21 21:00:00	5.32	24.76					5.66926677	69.02947589			0.35	6.57	Good
3548	06/13/21 21:30:00	5.36	24.72					5.713172139	69.51257188			0.35	6.59	Good
3549	06/13/21 22:00:00	5.30	24.68					5.650483701	68.69891153			0.35	6.61	Good
3550	06/13/21 22:30:00	5.33	24.64					5.683739714	69.05202348			0.35	6.64	Good
3551	06/13/21 23:00:00	5.23	24.58					5.578351221	67.69626946			0.35	6.66	Good
3552	06/13/21 23:30:00	5.32	24.54				7.129	5.675615548	68.82550253		7.306	0.36	6.68	Good
3553	06/14/21 00:00:00	5.31	24.48	3.23	6.49	5.57000		5.666214467	68.63496126	5.976		0.36	6.71	Good
3554	06/14/21 00:30:00	5.32	24.42					5.678155059	68.70291744			0.36	6.73	Good
3555	06/14/21 01:00:00	5.30	24.40					5.658073594	68.43447605			0.36	6.76	Good
3556	06/14/21 01:30:00	5.18	24.36					5.531202608	66.85018735			0.35	6.78	Good
3557	06/14/21 02:00:00	5.24	24.34					5.596521254	67.61444741			0.36	6.80	Good
3558	06/14/21 02:30:00	5.20	24.30					5.555040832	67.0633169			0.36	6.83	Good
3559	06/14/21 03:00:00	4.93	24.30					5.267782692	63.59538853			0.34	6.85	Good
3560	06/14/21 03:30:00	4.31	24.28					4.606331614	55.58928887			0.30	6.88	Good
3561	06/14/21 04:00:00	4.49	24.26					4.799779067	57.90222644			0.31	6.90	Good
3562	06/14/21 04:30:00	3.23	24.24					3.453618671	41.64726159			0.22	6.92	Good
3563	06/14/21 05:00:00	5.10	24.22					5.454299358	65.74898339			0.35	6.95	Good
3564	06/14/21 05:30:00	5.36	24.20					5.733640981	69.09053013			0.37	6.97	Good
3565	06/14/21 06:00:00	5.32	24.18					5.692122371	68.56463503			0.37	6.99	Good
3566	06/14/21 06:30:00	5.39	24.18					5.768305181	69.48229741			0.38	7.02	Good
3567	06/14/21 07:00:00	5.49	24.16					5.876634161	70.76075531			0.39	7.04	Good
3568	06/14/21 07:30:00	5.43	24.14					5.813704661	69.97688203			0.38	7.07	Good
3569	06/14/21 08:00:00	5.36	24.14					5.740037495	69.09018432			0.38	7.09	Good
3570	06/14/21 08:30:00	5.43	24.14					5.816296681	70.00808098			0.39	7.11	Good
3571	06/14/21 09:00:00	5.39	24.14					5.774737496	69.50785223			0.38	7.14	Good
3572	06/14/21 09:30:00	5.26	24.14					5.636713548	67.84652162			0.38	7.16	Good
3573	06/14/21 10:00:00	5.27	24.14					5.648687555	67.99064723			0.38	7.19	Good
3574	06/14/21 10:30:00	5.53	24.12					5.92869031	71.33425957			0.40	7.21	Good
3575	06/14/21 11:00:00	5.65	24.08					6.058690337	72.84396027			0.41	7.23	Good
3576	06/14/21 11:30:00	5.70	24.10					6.113667518	73.53243247			0.41	7.26	Good
3577	06/14/21 12:00:00	5.63	24.10					6.039931136	72.64556455			0.41	7.28	Good
3578	06/14/21 12:30:00	5.65	24.08					6.062735893	72.8926002			0.41	7.31	Good
3579	06/14/21 13:00:00	5.67	24.06					6.085550197	73.13954791			0.42	7.33	Good
3580	06/14/21 13:30:00	5.68	24.08					6.097638769	73.31223936			0.42	7.35	Good
3581	06/14/21 14:00:00	5.70	24.10					6.12046978	73.614247			0.42	7.38	Good
3582	06/14/21 14:30:00	5.64	24.10					6.057389914	72.85555086			0.42	7.40	Good
3583	06/14/21 15:00:00	5.71	24.08					6.133933125	73.74860836			0.42	7.42	Good
3584	06/14/21 15:30:00	5.68	24.06					6.103061484	73.35000836			0.42	7.45	Good
3585	06/14/21 16:00:00	5.79	24.08					6.22263651	74.81509394			0.43	7.47	Good
3586	06/14/21 16:30:00	6.06	24.16					6.514257645	78.43840175			0.45	7.50	Good
3587	06/14/21 17:00:00	6.23	24.20					6.698487797	80.71696057			0.47	7.52	Good

3588	06/14/21 17:30:00	6.31	24.22					6.786009736	81.80211831			0.48	7.54	Good
3589	06/14/21 18:00:00	6.28	24.14					6.7552455	81.30977492			0.48	7.57	Good
3590	06/14/21 18:30:00	6.29	24.06					6.767503532	81.33564472			0.48	7.59	Good
3591	06/14/21 19:00:00	6.37	24.06					6.855097074	82.38839293			0.49	7.62	Good
3592	06/14/21 19:30:00	6.49	24.08					6.985784487	83.99046317			0.50	7.64	Good
3593	06/14/21 20:00:00	6.34	24.06					6.825838882	82.03675161			0.49	7.66	Good
3594	06/14/21 20:30:00	6.10	24.14					6.568903428	79.06686133			0.47	7.69	Good
3595	06/14/21 21:00:00	5.98	24.14					6.44110638	77.52862719			0.46	7.71	Good
3596	06/14/21 21:30:00	6.02	24.12					6.485627532	78.03535244			0.47	7.73	Good
3597	06/14/21 22:00:00	4.88	24.16					5.258616957	63.31918877			0.38	7.76	Good
3598	06/14/21 22:30:00	5.94	24.14					6.40227526	77.06123491			0.46	7.78	Good
3599	06/14/21 23:00:00	6.39	24.14					6.888821252	82.91756465			0.50	7.81	Good
3600	06/14/21 23:30:00	6.34	24.18				6.551	6.836431317	82.34844362		6.778	0.50	7.83	Good
3601	06/15/21 00:00:00	6.27	24.20	5.49	7.64	6.68958		6.762446712	81.48766724	6.914		0.49	7.85	Good
3602	06/15/21 00:30:00	6.04	24.26					6.515824081	78.60376825			0.48	7.88	Good
3603	06/15/21 01:00:00	6.21	24.24					6.700698658	80.80386877			0.49	7.90	Good
3604	06/15/21 01:30:00	6.43	24.22					6.939617193	83.65378311			0.51	7.93	Fair
3605	06/15/21 02:00:00	6.34	24.20					6.843997343	82.47035456			0.50	7.95	Good
3606	06/15/21 02:30:00	6.22	24.18					6.715942525	80.89709216			0.50	7.97	Good
3607	06/15/21 03:00:00	5.91	24.16					6.382635706	76.85353743			0.47	8.00	Good
3608	06/15/21 03:30:00	5.86	24.16					6.330035737	76.22017938			0.47	8.02	Good
3609	06/15/21 04:00:00	5.49	24.14					5.931668043	71.39675286			0.44	8.04	Good
3610	06/15/21 04:30:00	5.73	24.14					6.192343548	74.53438371			0.46	8.07	Good
3611	06/15/21 05:00:00	5.69	24.12					6.150474085	74.00277159			0.46	8.09	Good
3612	06/15/21 05:30:00	5.53	24.12					5.978845658	71.93773089			0.45	8.12	Good
3613	06/15/21 06:00:00	5.86	24.12					6.33702894	76.24740772			0.48	8.14	Good
3614	06/15/21 06:30:00	5.53	24.10					5.981485413	71.94260579			0.45	8.16	Good
3615	06/15/21 07:00:00	5.79	24.12					6.264094508	75.36985747			0.47	8.19	Good
3616	06/15/21 07:30:00	5.98	24.12					6.471079296	77.86030743			0.49	8.21	Good
3617	06/15/21 08:00:00	6.01	24.14					6.504977346	78.29741256			0.49	8.24	Good
3618	06/15/21 08:30:00	6.06	24.14					6.56054167	78.9662147			0.50	8.26	Good
3619	06/15/21 09:00:00	6.09	24.14					6.594473135	79.3746321			0.50	8.28	Good
3620	06/15/21 09:30:00	6.12	24.16					6.628418921	79.81302162			0.51	8.31	Fair
3621	06/15/21 10:00:00	6.14	24.18					6.65154589	80.12140052			0.51	8.33	Fair
3622	06/15/21 10:30:00	6.43	24.20					6.967241538	83.95545047			0.54	8.36	Fair
3623	06/15/21 11:00:00	6.54	24.22					7.087993236	85.4423857			0.55	8.38	Fair
3624	06/15/21 11:30:00	6.55	24.24					7.100394473	85.62380917			0.55	8.40	Fair
3625	06/15/21 12:00:00	6.45	24.24					6.993530963	84.33513981			0.54	8.43	Fair
3626	06/15/21 12:30:00	6.39	24.24					6.93	83.56901857			0.54	8.45	Fair
3627	06/15/21 13:00:00	7.04	24.20					6.930929577	82.28717588			-0.11	-1.55	Excellent
3628	06/15/21 13:30:00	7.10	24.26					6.99	83.08126746			-0.11	-1.55	Excellent
3629	06/15/21 14:00:00	7.17	24.26					7.061020318	83.92539594			-0.11	-1.52	Excellent
3630	06/15/21 14:30:00	7.19	24.28					7.082827026	84.21592729			-0.11	-1.49	Excellent
3631	06/15/21 15:00:00	7.23	24.28					7.124353231	84.7096804			-0.11	-1.46	Excellent
3632	06/15/21 15:30:00	7.27	24.30					7.165902921	85.23542564			-0.10	-1.43	Excellent
3633	06/15/21 16:00:00	7.35	24.34					7.246915089	86.26318235			-0.10	-1.40	Excellent
3634	06/15/21 16:30:00	7.36	24.36					7.258935438	86.43839835			-0.10	-1.37	Excellent
3635	06/15/21 17:00:00	7.42	24.38					7.320289757	87.20140391			-0.10	-1.34	Excellent
3636	06/15/21 17:30:00	7.43	24.40					7.332336527	87.37737133			-0.10	-1.31	Excellent
3637	06/15/21 18:00:00	7.43	24.38					7.334517678	87.370891			-0.10	-1.29	Excellent
3638	06/15/21 18:30:00	7.44	24.40					7.346573255	87.54702637			-0.09	-1.26	Excellent
3639	06/15/21 19:00:00	7.52	24.40					7.427776237	88.51469924			-0.09	-1.23	Excellent
3640	06/15/21 19:30:00	7.57	24.40					7.479385296	89.12970973			-0.09	-1.20	Excellent
3641	06/15/21 20:00:00	7.59	24.40					7.501374011	89.391743			-0.09	-1.17	Excellent
3642	06/15/21 20:30:00	7.63	24.40					7.543146806	89.88953754			-0.09	-1.14	Excellent
3643	06/15/21 21:00:00	7.62	24.38					7.535497564	89.7650214			-0.08	-1.11	Excellent
3644	06/15/21 21:30:00	7.64	24.38					7.557518571	90.02734199			-0.08	-1.08	Excellent
3645	06/15/21 22:00:00	7.62	24.36					7.539971418	89.78493589			-0.08	-1.05	Excellent
3646	06/15/21 22:30:00	7.59	24.36					7.512514611	89.45798404			-0.08	-1.02	Excellent
3647	06/15/21 23:00:00	7.63	24.34					7.554346118	89.92266761			-0.08	-0.99	Excellent
3648	06/15/21 23:30:00	7.60	24.32				6.246	7.526874633	89.5623467		6.497	-0.07	-0.96	Excellent
3649	06/16/21 00:00:00	7.60	24.30	7.10	7.96	7.49875		7.529105689	89.55557105	7.481		-0.07	-0.93	Excellent
3650	06/16/21 00:30:00	7.60	24.28					7.531336745	89.54877839			-0.07	-0.90	Excellent
3651	06/16/21 01:00:00	7.60	24.28					7.5335678	89.57530599			-0.07	-0.87	Excellent
3652	06/16/21 01:30:00	7.59	24.26					7.525883331	89.45063318			-0.06	-0.84	Excellent
3653	06/16/21 02:00:00	7.59	24.24					7.528111451	89.44380563			-0.06	-0.82	Excellent
3654	06/16/21 02:30:00	7.59	24.24					7.530339571	89.47027861			-0.06	-0.79	Excellent
3655	06/16/21 03:00:00	7.60	24.22					7.542492023	89.58129435			-0.06	-0.76	Excellent
3656	06/16/21 03:30:00	7.52	24.22					7.465304941	88.66455242			-0.05	-0.73	Excellent
3657	06/16/21 04:00:00	7.23	24.20					7.17953663	85.23875287			-0.05	-0.70	Excellent
3658	06/16/21 04:30:00	7.10	24.20					7.052528269	83.73085134			-0.05	-0.67	Excellent
3659	06/16/21 05:00:00	7.40	24.20					7.352694765	87.2945657			-0.05	-0.64	Excellent
3660	06/16/21 05:30:00	7.39	24.18					7.344928099	87.16986445			-0.05	-0.61	Excellent
3661	06/16/21 06:00:00	7.36	24.16					7.317271671	86.80927016			-0.04	-0.58	Excellent
3662	06/16/21 06:30:00	7.30	24.14					7.259762988	86.09489965			-0.04	-0.55	Excellent
3663	06/16/21 07:00:00	7.29	24.14					7.251958159	86.00234072			-0.04	-0.52	Excellent
3664	06/16/21 07:30:00	7.26	24.14					7.224245955	85.67369646			-0.04	-0.49	Excellent
3665	06/16/21 08:00:00	7.24	24.14					7.206469825	85.46288598			-0.03	-0.46	Excellent
3666	06/16/21 08:30:00	7.24	24.14					7.208595199	85.48809119			-0.03	-0.43	Excellent
3667	06/16/21 09:00:00	7.20	24.14					7.170882338	85.04084725			-0.03	-0.40	Excellent
3668	06/16/21 09:30:00	7.20	24.14					7.17299597	85.06591321			-0.03	-0.38	Excellent
3669	06/16/21 10:00:00	7.22	24.14					7.195040461	85.32734299			-0.02	-0.35	Excellent
3670	06/16/21 10:30:00	7.21	24.14					7.187191598	85.23426185			-0.02	-0.32	Excellent
3671	06/16/21 11:00:00	7.20	24.14					7.179336864	85.14111108			-0.02	-0.29	Excellent
3672	06/16/21 11:30:00	7.19	24.16					7.171476259	85.07961			-0.02	-0.26	Excellent
3673	06/16/21 12:00:00	7.22	24.16					7.203518473	85.45974638			-0.02	-0.23	Excellent
3674	06/16/21 12:30:00	7.25	24.16					7.235578299	85.84009172			-0.01	-0.20	Excellent
3675	06/16/21 13:00:00	7.28	24.16					7.26765574	86.22064601			-0.01	-0.17	Excellent
3676	06/16/21 13:30:00	7.32	24.18					7.309736773	86.75221255			-0.01	-0.14	Excellent
3677	06/16/21 14:00:00	7.39	24.20					7.381808035	87.6402118			-0.01	-0.11	Excellent
3678	06/16/21 14:30:00	7.44	24.22					7.433936695	88.29199544			-0.01	-0.08	Excellent
3679	06/16/21 15:00:00	7.49	24.22					7.486094711	88.91147009			0.00	-0.05	Excellent
3680	06/16/21 15:30:00	7.57	24.26					7.568275248	89.95449215			0.00	-0.02	Excellent
3681	06/16/21 16:00:00	7.63	24.28					7.63050144	90.72786221			0.00	0.01	Excellent
3682	06/16/21 16:30:00	7.68	24.30					7.682759267	91.38321625			0.00	0.04	Excellent
3683	06/16/21 17:00:00	7.82	24.32					7.825105205	93.11099486			0.01	0.07	Excellent
3684	06/16/21 17:30:00	7.76	24.32					7.767344059	92.42369449			0.01	0.09	Excellent
3685	06/16/21 18:00:00	7.70	24.30					7.709547687	91.70185333			0.01	0.12	Excellent
3686	06/16/21 18:30:00	7.63	24.26					7.641700752	90.82720802			0.01	0.15	Excellent
3687	06/16/21 19:00:00	7.63	24.26					7.643940615	90.85383043			0.01	0.18	Excellent
3688	06/16/21 19:30:00	7.51	24.24					7.525926	89.41783962			0.02	0.21	Excellent
3689	06/16/21 20:00:00	7.63	24.24					7.648420339	90.87323251			0.02	0.24	Excellent
3690	06/16/21 20:30:00	7.79	24.28					7.811093443	92.87512953			0.02	0.27	Excellent
3691	06/16/21 21:00:00	7.91	24.32					7.933740434	94.4036464			0.02	0.30	Excellent
3692	06/16/21 21:30:00	7.96	24.34					7.986227237	95.06353641			0.03	0.33	Excellent
3693	06/16/21 22:00:00	7.88	24.34					7.908276899	94.13565963			0.03	0.36	Excellent
3694	06/16/21 22:30:00	7.88	24.32					7.910590151	94.12818099			0.03	0.39	Excellent
3695	06/16/21 23:00:00	7.94	24.32					7.973153937	94.87262802			0.03	0.42	Excellent
3696	06/16/21 23:30:00	7.91	24.32				6.196	7.94535073	94.54179741		6.427	0.04	0.45	Excellent
3697	06/17/21 00:00:00	7.80	24.28	7.32	7.85	7.54792		7.837148894	93.18493294	7.636		0.04	0.48	Excellent
3698	06/17/21 00:30:00	7.78	24.26					7.819337537	92.93855126			0.04	0.51	Excellent
3699	06/17/21 01:00:00	7.72	24.26					7.761300445	92.24873794			0.04	0.53	Excellent
3700	06/17/21 01:30:00	7.61	24.24					7.652945959	90.92700278			0.04	0.56	Excellent
3701	06/17/21 02:00:00	7.61	24.24					7.65517995	90.95354552			0.05	0.59	Excellent
3702	06/17/21 02:30:00	7.60	24.22					7.647351636	90.8266997			0.05	0.62	Excellent
3703	06/17/21 03:00:00	7.61	24.22					7.659647932	90.97274137			0.05	0.65	Excellent

3704	06/17/21 03:30:00	7.57	24.20					7.62160922	90.48724148			0.05	0.68	Excellent
3705	06/17/21 04:00:00	7.56	24.20					7.613760357	90.39405618			0.05	0.71	Excellent
3706	06/17/21 04:30:00	7.55	24.20					7.605905623	90.30080118			0.06	0.74	Excellent
3707	06/17/21 05:00:00	7.50	24.18					7.557737087	89.69548898			0.06	0.77	Excellent
3708	06/17/21 05:30:00	7.46	24.18					7.519619113	89.24310353			0.06	0.80	Excellent
3709	06/17/21 06:00:00	7.45	24.16					7.511726216	89.11620338			0.06	0.83	Excellent
3710	06/17/21 06:30:00	7.38	24.16					7.443312711	88.30457212			0.06	0.86	Excellent
3711	06/17/21 07:00:00	7.36	24.14					7.425301733	88.05805488			0.07	0.89	Excellent
3712	06/17/21 07:30:00	7.35	24.14					7.417370673	87.96399894			0.07	0.92	Excellent
3713	06/17/21 08:00:00	7.34	24.14					7.409433742	87.86987338			0.07	0.95	Excellent
3714	06/17/21 08:30:00	7.33	24.14					7.40149094	87.7756782			0.07	0.98	Excellent
3715	06/17/21 09:00:00	7.32	24.14					7.393542267	87.68141338			0.07	1.00	Excellent
3716	06/17/21 09:30:00	7.35	24.16					7.426001336	88.09919669			0.08	1.03	Excellent
3717	06/17/21 10:00:00	7.32	24.16					7.397839985	87.76510135			0.08	1.06	Excellent
3718	06/17/21 10:30:00	7.35	24.16					7.430316667	88.1503921			0.08	1.09	Excellent
3719	06/17/21 11:00:00	7.34	24.18					7.422362123	88.08885416			0.08	1.12	Excellent
3720	06/17/21 11:30:00	7.39	24.18					7.47509258	88.71466108			0.09	1.15	Excellent
3721	06/17/21 12:00:00	7.36	24.20					7.446907745	88.41310542			0.09	1.18	Excellent
3722	06/17/21 12:30:00	7.34	24.20					7.428826313	88.19843436			0.09	1.21	Excellent
3723	06/17/21 13:00:00	7.38	24.22					7.471476852	88.73785549			0.09	1.24	Excellent
3724	06/17/21 13:30:00	7.34	24.22					7.433135773	88.28248298			0.09	1.27	Excellent
3725	06/17/21 14:00:00	7.38	24.24					7.475809797	88.82239361			0.10	1.30	Excellent
3726	06/17/21 14:30:00	7.56	24.28					7.660365935	91.08295575			0.10	1.33	Excellent
3727	06/17/21 15:00:00	7.61	24.34					7.713263722	91.81433296			0.10	1.36	Excellent
3728	06/17/21 15:30:00	7.63	24.36					7.735774974	92.11653753			0.11	1.39	Excellent
3729	06/17/21 16:00:00	7.63	24.38					7.738014836	92.17746558			0.11	1.42	Excellent
3730	06/17/21 16:30:00	7.67	24.40					7.780832705	92.72197286			0.11	1.45	Excellent
3731	06/17/21 17:00:00	7.69	24.42					7.803379184	93.025204			0.11	1.47	Excellent
3732	06/17/21 17:30:00	7.62	24.42					7.73458405	92.20508733			0.11	1.50	Excellent
3733	06/17/21 18:00:00	7.65	24.42					7.767280902	92.5948712			0.12	1.53	Excellent
3734	06/17/21 18:30:00	7.73	24.44					7.850776588	93.62499914			0.12	1.56	Excellent
3735	06/17/21 19:00:00	7.76	24.44					7.883523345	94.01552294			0.12	1.59	Excellent
3736	06/17/21 19:30:00	7.82	24.46					7.946774061	94.80501577			0.13	1.62	Excellent
3737	06/17/21 20:00:00	7.85	24.46					7.979564852	95.19620991			0.13	1.65	Excellent
3738	06/17/21 20:30:00	7.74	24.46					7.870021448	93.88935708			0.13	1.68	Excellent
3739	06/17/21 21:00:00	7.79	24.44					7.923148212	94.48807213			0.13	1.71	Excellent
3740	06/17/21 21:30:00	7.82	24.42					7.955956616	94.84410149			0.14	1.74	Excellent
3741	06/17/21 22:00:00	7.79	24.42					7.927721876	94.50751109			0.14	1.77	Excellent
3742	06/17/21 22:30:00	7.60	24.40					7.736593861	92.19479113			0.14	1.80	Excellent
3743	06/17/21 23:00:00	7.50	24.40					7.636998273	91.0079388			0.14	1.83	Excellent
3744	06/17/21 23:30:00	7.39	24.40				6.285	7.527158373	89.69900792		6.502	0.14	1.86	Excellent
3745	06/18/21 00:00:00	7.06	24.38	4.76	7.87	7.19813		7.193106107	85.68635557	7.385		0.13	1.89	Excellent
3746	06/18/21 00:30:00	7.48	24.38					7.62322043	90.81000149			0.14	1.91	Excellent
3747	06/18/21 01:00:00	7.43	24.34					7.574444224	90.1619041			0.14	1.94	Excellent
3748	06/18/21 01:30:00	7.38	24.32					7.525638663	89.54763988			0.15	1.97	Excellent
3749	06/18/21 02:00:00	7.29	24.30					7.436002634	88.44814904			0.15	2.00	Excellent
3750	06/18/21 02:30:00	6.85	24.30					6.989201289	83.13363345			0.14	2.03	Excellent
3751	06/18/21 03:00:00	6.74	24.30					6.878944534	81.82217535			0.14	2.06	Excellent
3752	06/18/21 03:30:00	4.76	24.28					4.859524345	57.78050875			0.10	2.09	Excellent
3753	06/18/21 04:00:00	6.01	24.26					6.137424236	72.94778032			0.13	2.12	Excellent
3754	06/18/21 04:30:00	6.62	24.24					6.762300844	80.34497447			0.14	2.15	Excellent
3755	06/18/21 05:00:00	6.16	24.22					6.2942212	74.75572799			0.13	2.18	Excellent
3756	06/18/21 05:30:00	6.03	24.22					6.163158776	73.19911493			0.13	2.21	Excellent
3757	06/18/21 06:00:00	7.12	24.20					7.279319083	86.42341593			0.16	2.24	Excellent
3758	06/18/21 06:30:00	7.25	24.18					7.414356308	87.99384087			0.16	2.27	Excellent
3759	06/18/21 07:00:00	7.19	24.18					7.355106814	87.2906658			0.17	2.30	Excellent
3760	06/18/21 07:30:00	7.23	24.18					7.398147788	87.80147759			0.17	2.33	Excellent
3761	06/18/21 08:00:00	7.13	24.18					7.297915175	86.61191342			0.17	2.36	Excellent
3762	06/18/21 08:30:00	7.14	24.18					7.310246699	86.75826437			0.17	2.38	Excellent
3763	06/18/21 09:00:00	7.08	24.20					7.250894458	86.08594575			0.17	2.41	Excellent
3764	06/18/21 09:30:00	7.14	24.20					7.314438735	86.84037255			0.17	2.44	Excellent
3765	06/18/21 10:00:00	7.04	24.24					7.214062277	85.71249089			0.17	2.47	Excellent
3766	06/18/21 10:30:00	7.04	24.26					7.216128939	85.76897546			0.18	2.50	Excellent
3767	06/18/21 11:00:00	7.09	24.28					7.269461195	86.43503692			0.18	2.53	Excellent
3768	06/18/21 11:30:00	7.02	24.32					7.199750155	85.66988968			0.18	2.56	Excellent
3769	06/18/21 12:00:00	7.10	24.34					7.283882865	86.70322587			0.18	2.59	Excellent
3770	06/18/21 12:30:00	7.34	24.36					7.532253354	89.69303025			0.19	2.62	Excellent
3771	06/18/21 13:00:00	7.62	24.42					7.821824196	93.24508964			0.20	2.65	Excellent
3772	06/18/21 13:30:00	7.66	24.44					7.86513231	93.79619934			0.21	2.68	Excellent
3773	06/18/21 14:00:00	7.68	24.48					7.887922444	94.13785011			0.21	2.71	Excellent
3774	06/18/21 14:30:00	7.53	24.44					7.736071965	92.25708094			0.21	2.74	Excellent
3775	06/18/21 15:00:00	7.61	24.44					7.8204953	93.26387747			0.21	2.77	Excellent
3776	06/18/21 15:30:00	7.49	24.44					7.699374821	91.81944652			0.21	2.80	Excellent
3777	06/18/21 16:00:00	7.55	24.44					7.763268434	92.58141438			0.21	2.82	Excellent
3778	06/18/21 16:30:00	7.60	24.44					7.816911863	93.22114294			0.22	2.85	Excellent
3779	06/18/21 17:00:00	7.70	24.48					7.922026378	94.54486109			0.22	2.88	Excellent
3780	06/18/21 17:30:00	7.78	24.54					8.006617042	95.66079943			0.23	2.91	Excellent
3781	06/18/21 18:00:00	7.81	24.62					8.03978359	96.19955573			0.23	2.94	Excellent
3782	06/18/21 18:30:00	7.87	24.64					8.10385921	97.00216307			0.23	2.97	Excellent
3783	06/18/21 19:00:00	7.74	24.64					7.972268378	95.42703757			0.23	3.00	Excellent
3784	06/18/21 19:30:00	7.66	24.66					7.89211634	94.5026067			0.23	3.03	Excellent
3785	06/18/21 20:00:00	7.52	24.68					7.750081576	92.83619129			0.23	3.06	Excellent
3786	06/18/21 20:30:00	7.42	24.70					7.649200195	91.66166756			0.23	3.09	Excellent
3787	06/18/21 21:00:00	7.28	24.66					7.50701278	89.89125928			0.23	3.12	Excellent
3788	06/18/21 21:30:00	7.33	24.72					7.560723728	90.63495741			0.23	3.15	Excellent
3789	06/18/21 22:00:00	7.05	24.72					7.273979868	87.19758574			0.22	3.18	Excellent
3790	06/18/21 22:30:00	7.34	24.70					7.575347954	90.77668359			0.24	3.21	Excellent
3791	06/18/21 23:00:00	7.23	24.72					7.46394338	89.47479298			0.23	3.24	Excellent
3792	06/18/21 23:30:00	7.32	24.66				6.437	7.559004397	90.51382275		6.648	0.24	3.27	Excellent
3793	06/19/21 00:00:00	7.11	24.66	0.90	7.62	5.92625		7.344234925	87.94210762	6.168		0.23	3.29	Excellent
3794	06/19/21 00:30:00	6.93	24.64					7.160339297	85.70834983			0.23	3.32	Excellent
3795	06/19/21 01:00:00	4.89	24.64					5.053969298	60.4953691			0.16	3.35	Excellent
3796	06/19/21 01:30:00	2.66	24.64					2.749974802	32.9168483			0.09	3.38	Excellent
3797	06/19/21 02:00:00	1.72	24.66					1.778684119	21.29850581			0.06	3.41	Excellent
3798	06/19/21 02:30:00	1.47	24.70					1.520585983	18.22144059			0.05	3.44	Excellent
3799	06/19/21 03:00:00	1.17	24.70					1.210605778	14.50689505			0.04	3.47	Excellent
3800	06/19/21 03:30:00	0.90	24.72					0.931499418	11.16644559			0.03	3.50	Excellent
3801	06/19/21 04:00:00	1.11	24.70					1.149175134	13.77076118			0.04	3.53	Excellent
3802	06/19/21 04:30:00	1.35	24.70					1.398041739	16.75297206			0.05	3.56	Excellent
3803	06/19/21 05:00:00	1.04	24.68					1.077315235	12.90487619			0.04	3.59	Excellent
3804	06/19/21 05:30:00	1.36	24.64					1.409196087	16.86789776			0.05	3.62	Excellent
3805	06/19/21 06:00:00	4.63	24.62					4.79884292	57.42027154			0.17	3.65	Excellent
3806	06/19/21 06:30:00	7.09	24.62					7.350633457	87.95357051			0.26	3.68	Excellent
3807	06/19/21 07:00:00	7.02	24.62					7.280120997	87.10985784			0.26	3.71	Excellent
3808	06/19/21 07:30:00	7.08	24.58					7.344422658	87.81416635			0.26	3.73	Excellent
3809	06/19/21 08:00:00	7.12	24.54					7.388006718	88.26981797			0.27	3.76	Excellent
3810	06/19/21 08:30:00	7.15	24.50					7.421234914	88.60107092			0.27	3.79	Excellent
3811	06/19/21 09:00:00	6.85	24.46					7.111865314	84.84455428			0.26	3.82	Excellent
3812	06/19/21 09:30:00	6.82	24.46					7.082720537	84.4968571			0.26	3.85	Excellent
3813	06/19/21 10:00:00	6.69	24.44					6.949676584	82.87886643			0.26	3.88	Excellent
3814	06/19/21 10:30:00	6.76	24.42					7.024378143	83.73862071			0.26	3.91	Excellent
3815	06/19/21 11:00:00	6.96	24.42					7.234243159	86.24045171			0.27	3.94	Excellent
3816	06/19/21 11:30:00	7.14	24.44					7.423431673	88.52866671			0.28	3.97	Excellent
3817	06/19/21 12:00:00	7.17	24.46					7.456727387	88.95875887			0.29	4.00	Excellent
3818	06/19/21 12:30:00	7.15	24.48					7.438026543	88.76859944			0.29	4.03	Excellent
3819	06/19/21 13:00:00	7.11	24.48					7.398502417	88.29690156			0.29	4.06	Excellent

3820	06/19/21 13:30:00	7.08	24.48					7.369363512	87.94914537			0.29	4.09	Excellent
3821	06/19/21 14:00:00	7.04	24.48					7.329795351	87.47692197			0.29	4.12	Excellent
3822	06/19/21 14:30:00	6.99	24.46					7.27978913	86.84788544			0.29	4.15	Excellent
3823	06/19/21 15:00:00	7.03	24.46					7.323511163	87.3694893			0.29	4.18	Excellent
3824	06/19/21 15:30:00	7.03	24.48					7.32557489	87.42655317			0.30	4.20	Excellent
3825	06/19/21 16:00:00	7.07	24.48					7.36933215	87.94877109			0.30	4.23	Excellent
3826	06/19/21 16:30:00	7.51	24.54					7.83016566	93.55260815			0.32	4.26	Good
3827	06/19/21 17:00:00	7.62	24.60					7.947092098	95.05524453			0.33	4.29	Good
3828	06/19/21 17:30:00	7.49	24.60					7.81371055	93.45986657			0.32	4.32	Good
3829	06/19/21 18:00:00	7.45	24.60					7.774168811	92.98690744			0.32	4.35	Good
3830	06/19/21 18:30:00	7.42	24.62					7.745041648	92.67283842			0.33	4.38	Good
3831	06/19/21 19:00:00	7.41	24.64					7.736778865	92.60825808			0.33	4.41	Good
3832	06/19/21 19:30:00	7.47	24.66					7.801617741	93.41894888			0.33	4.44	Good
3833	06/19/21 20:00:00	7.51	24.70					7.845598107	94.01513716			0.34	4.47	Good
3834	06/19/21 20:30:00	7.51	24.78					7.847802742	94.18073749			0.34	4.50	Good
3835	06/19/21 21:00:00	7.41	24.76					7.745479982	92.91842566			0.34	4.53	Good
3836	06/19/21 21:30:00	7.43	24.78					7.768566612	93.22983219			0.34	4.56	Good
3837	06/19/21 22:00:00	7.36	24.80					7.697537487	92.41155472			0.34	4.59	Good
3838	06/19/21 22:30:00	6.64	24.80					6.946466754	83.3946952			0.31	4.62	Good
3839	06/19/21 23:00:00	6.15	24.80					6.435656378	77.26224296			0.29	4.64	Excellent
3840	06/19/21 23:30:00	5.39	24.80				6.510	5.64193804	67.73338445		6.716	0.25	4.67	Excellent
3841	06/20/21 00:00:00	4.98	24.78	4.49	7.05	6.19354		5.214235851	62.57555063	6.529		0.23	4.70	Excellent
3842	06/20/21 00:30:00	5.49	24.78					5.749835504	69.00323135			0.26	4.73	Excellent
3843	06/20/21 01:00:00	5.19	24.80					5.437160418	65.27495948			0.25	4.76	Excellent
3844	06/20/21 01:30:00	5.13	24.80					5.375809035	64.53841526			0.25	4.79	Excellent
3845	06/20/21 02:00:00	4.49	24.78					4.706460885	56.48179136			0.22	4.82	Excellent
3846	06/20/21 02:30:00	4.98	24.78					5.221545494	62.66327296			0.24	4.85	Excellent
3847	06/20/21 03:00:00	5.30	24.76					5.558622357	66.68385167			0.26	4.88	Excellent
3848	06/20/21 03:30:00	4.62	24.76					4.846796867	58.14445786			0.23	4.91	Excellent
3849	06/20/21 04:00:00	4.87	24.74					5.110499062	61.28529379			0.24	4.94	Excellent
3850	06/20/21 04:30:00	4.87	24.74					5.111928699	61.30243805			0.24	4.97	Excellent
3851	06/20/21 05:00:00	5.45	24.74					5.722341464	68.62253051			0.27	5.00	Excellent
3852	06/20/21 05:30:00	5.23	24.76					5.492883183	65.89521357			0.26	5.03	Good
3853	06/20/21 06:00:00	4.94	24.76					5.189756672	62.2587652			0.25	5.06	Good
3854	06/20/21 06:30:00	7.05	24.74					7.408503715	88.84305059			0.36	5.09	Good
3855	06/20/21 07:00:00	6.90	24.70					7.25290154	86.91275334			0.35	5.11	Good
3856	06/20/21 07:30:00	6.88	24.66					7.233898329	86.6209036			0.35	5.14	Good
3857	06/20/21 08:00:00	6.91	24.66					7.26746999	87.02290089			0.36	5.17	Good
3858	06/20/21 08:30:00	6.85	24.68					7.206376939	86.32329628			0.36	5.20	Good
3859	06/20/21 09:00:00	6.82	24.68					7.176818243	85.96922042			0.36	5.23	Good
3860	06/20/21 09:30:00	6.85	24.70					7.210398711	86.4034347			0.36	5.26	Good
3861	06/20/21 10:00:00	6.71	24.70					7.065002685	84.66112938			0.36	5.29	Good
3862	06/20/21 10:30:00	6.55	24.70					6.898460461	82.66542557			0.35	5.32	Good
3863	06/20/21 11:00:00	6.54	24.70					6.889848342	82.56222509			0.35	5.35	Good
3864	06/20/21 11:30:00	6.47	24.70					6.818003121	81.70129158			0.35	5.38	Good
3865	06/20/21 12:00:00	6.55	24.70					6.904228914	82.73454993			0.35	5.41	Good
3866	06/20/21 12:30:00	6.61	24.72					6.96941419	83.54657319			0.36	5.44	Good
3867	06/20/21 13:00:00	6.61	24.72					6.971354621	83.56983431			0.36	5.47	Good
3868	06/20/21 13:30:00	6.73	24.76					7.099890424	85.17362928			0.37	5.50	Good
3869	06/20/21 14:00:00	6.63	24.76					6.996340584	83.93139662			0.37	5.53	Good
3870	06/20/21 14:30:00	6.72	24.78					7.093286256	85.12585659			0.37	5.55	Good
3871	06/20/21 15:00:00	6.71	24.82					7.084700557	85.08566022			0.37	5.58	Good
3872	06/20/21 15:30:00	6.83	24.84					7.213406625	86.66338584			0.38	5.61	Good
3873	06/20/21 16:00:00	6.66	24.80					7.03581867	84.46739534			0.38	5.64	Good
3874	06/20/21 16:30:00	6.62	24.82					6.995504868	84.01444005			0.38	5.67	Good
3875	06/20/21 17:00:00	6.58	24.76					6.955167581	83.43746589			0.38	5.70	Good
3876	06/20/21 17:30:00	6.56	24.82					6.935953007	83.29923559			0.38	5.73	Good
3877	06/20/21 18:00:00	6.66	24.84					7.043639107	84.62376314			0.38	5.76	Good
3878	06/20/21 18:30:00	6.71	24.80					7.098489068	85.21977477			0.39	5.79	Good
3879	06/20/21 19:00:00	6.71	24.82					7.100458855	85.27491383			0.39	5.82	Good
3880	06/20/21 19:30:00	6.61	24.80					6.996580228	83.99632449			0.39	5.85	Good
3881	06/20/21 20:00:00	6.56	24.84					6.945581773	83.44568169			0.39	5.88	Good
3882	06/20/21 20:30:00	6.35	24.80					6.72510256	80.73714279			0.38	5.91	Good
3883	06/20/21 21:00:00	6.48	24.76					6.864684094	82.35198336			0.38	5.94	Good
3884	06/20/21 21:30:00	6.34	24.74					6.718234188	80.56531289			0.38	5.97	Good
3885	06/20/21 22:00:00	6.26	24.76					6.635299202	79.60017417			0.38	6.00	Good
3886	06/20/21 22:30:00	6.01	24.74					6.37207551	76.41416522			0.36	6.02	Good
3887	06/20/21 23:00:00	6.23	24.72					6.6071584	79.20399445			0.38	6.05	Good
3888	06/20/21 23:30:00	6.49	24.78				6.661	6.884803762	82.62387793		6.870	0.39	6.08	Good
3889	06/21/21 00:00:00	6.48	24.86	2.76	6.54	5.69896		6.876097704	82.64138659	6.089		0.40	6.11	Good
3890	06/21/21 00:30:00	6.19	24.80					6.570188246	78.87734378			0.38	6.14	Good
3891	06/21/21 01:00:00	6.20	24.78					6.582622515	78.9974294			0.38	6.17	Good
3892	06/21/21 01:30:00	6.27	24.80					6.658783067	79.94095473			0.39	6.20	Good
3893	06/21/21 02:00:00	5.34	24.80					5.67268429	68.10250363			0.33	6.23	Good
3894	06/21/21 02:30:00	3.65	24.80					3.878468059	46.56232774			0.23	6.26	Good
3895	06/21/21 03:00:00	2.76	24.82					2.933569634	35.2315115			0.17	6.29	Good
3896	06/21/21 03:30:00	4.20	24.82					4.465360656	53.62797714			0.27	6.32	Good
3897	06/21/21 04:00:00	3.12	24.82					3.318040966	39.84892571			0.20	6.35	Good
3898	06/21/21 04:30:00	3.21	24.82					3.414696013	41.0097311			0.20	6.38	Good
3899	06/21/21 05:00:00	3.55	24.82					3.777419349	45.36595677			0.23	6.41	Good
3900	06/21/21 05:30:00	3.39	24.82					3.608164631	43.33324568			0.22	6.44	Good
3901	06/21/21 06:00:00	3.56	24.80					3.790150114	45.50204078			0.23	6.46	Good
3902	06/21/21 06:30:00	6.31	24.86					6.719786975	80.76274321			0.41	6.49	Good
3903	06/21/21 07:00:00	6.54	24.92					6.966643625	83.82234986			0.43	6.52	Good
3904	06/21/21 07:30:00	6.30	24.88					6.712836406	80.70898621			0.41	6.55	Good
3905	06/21/21 08:00:00	6.21	24.82					6.61876175	79.48983994			0.41	6.58	Good
3906	06/21/21 08:30:00	6.23	24.78					6.641907091	79.70889799			0.41	6.61	Good
3907	06/21/21 09:00:00	6.15	24.78					6.558423148	78.70701509			0.41	6.64	Good
3908	06/21/21 09:30:00	6.20	24.78					6.613563734	79.36875203			0.41	6.67	Good
3909	06/21/21 10:00:00	6.24	24.80					6.658063701	79.93231849			0.42	6.70	Good
3910	06/21/21 10:30:00	6.22	24.82					6.638549696	79.72748872			0.42	6.73	Good
3911	06/21/21 11:00:00	5.97	24.80					6.373479512	76.51578854			0.40	6.76	Good
3912	06/21/21 11:30:00	5.98	24.82					6.385910845	76.69335295			0.41	6.79	Good
3913	06/21/21 12:00:00	5.76	24.82					6.152668576	73.89216575			0.39	6.82	Good
3914	06/21/21 12:30:00	5.91	24.84					6.314629259	75.86528535			0.40	6.85	Good
3915	06/21/21 13:00:00	5.95	24.86					6.359114548	76.42794887			0.41	6.88	Good
3916	06/21/21 13:30:00	6.12	24.92					6.542600122	78.72027708			0.42	6.91	Good
3917	06/21/21 14:00:00	6.07	24.94					6.490929416	78.12737966			0.42	6.93	Good
3918	06/21/21 14:30:00	6.22	25.00					6.653157239	80.16859875			0.43	6.96	Good
3919	06/21/21 15:00:00	6.18	25.02					6.612185862	79.70425582			0.43	6.99	Good
3920	06/21/21 15:30:00	6.27	25.08					6.710320452	80.97655688			0.44	7.02	Good
3921	06/21/21 16:00:00	6.40	25.12					6.851328687	82.73901523			0.45	7.05	Good
3922	06/21/21 16:30:00	6.28	25.14					6.724709831	81.23978687			0.44	7.08	Good
3923	06/21/21 17:00:00	6.37	25.18					6.822953037	82.4872519			0.45	7.11	Good
3924	06/21/21 17:30:00	6.42	25.20					6.878393054	83.18805842			0.46	7.14	Good
3925	06/21/21 18:00:00	6.45	25.22					6.912428539	83.63039621			0.46	7.17	Good
3926	06/21/21 18:30:00	6.44	25.24					6.903602122	83.55428151			0.46	7.20	Good
3927	06/21/21 19:00:00	6.20	25.22					6.648145096	80.43294846			0.45	7.23	Good
3928	06/21/21 19:30:00	6.28	25.22					6.735771169	81.49309733			0.46	7.26	Good
3929	06/21/21 20:00:00	6.24	25.22					6.694699982	80.99619532			0.45	7.29	Good
3930	06/21/21 20:30:00	6.08	25.20					6.524825853	78.91197697			0.44	7.32	Good
3931	06/21/21 21:00:00	5.99	25.20					6.429999684	77.76513863			0.44	7.35	Good
3932	06/21/21 21:30:00	6.00	25.22					6.442495601	77.94488676			0.44	7.37	Good
3933	06/21/21 22:00:00	5.77	25.24					6.19722711	75.00502628			0.43	7.40	Good
3934	06/21/21 22:30:00	5.88	25.26					6.317097954	76.48389161			0.44	7.43	Good
3935	06/21/21 23:00:00	5.96	25.28					6.404794482	77.57413302			0.44	7.46	Good

3936	06/21/21 23:30:00	6.04	25.30				6.679	6.49253798	78.66572537		6.886	0.45	7.49	Good
3937	06/22/21 00:00:00	6.04	25.30	5.08	6.24	5.66625		6.494311082	78.68720886	6.131		0.45	7.52	Good
3938	06/22/21 00:30:00	5.69	25.32					6.119655465	74.1749566			0.43	7.55	Good
3939	06/22/21 01:00:00	5.58	25.30					6.00298736	72.73416907			0.42	7.58	Good
3940	06/22/21 01:30:00	5.68	25.30					6.112235199	74.05785182			0.43	7.61	Good
3941	06/22/21 02:00:00	5.73	25.32					6.167722185	74.75756243			0.44	7.64	Good
3942	06/22/21 02:30:00	5.88	25.34					6.330907014	76.76362844			0.45	7.67	Good
3943	06/22/21 03:00:00	6.05	25.36					6.515719479	79.03348351			0.47	7.70	Good
3944	06/22/21 03:30:00	6.24	25.38					6.722177194	81.56762999			0.48	7.73	Good
3945	06/22/21 04:00:00	6.10	25.34					6.573149831	79.70087544			0.47	7.76	Good
3946	06/22/21 04:30:00	6.01	25.32					6.477933227	78.51756015			0.47	7.79	Good
3947	06/22/21 05:00:00	5.96	25.28					6.425789889	77.82842698			0.47	7.82	Good
3948	06/22/21 05:30:00	5.87	25.26					6.330479346	76.64590604			0.46	7.84	Good
3949	06/22/21 06:00:00	5.70	25.24					6.14881678	74.41911615			0.45	7.87	Good
3950	06/22/21 06:30:00	5.65	25.24					6.096538404	73.78639109			0.45	7.90	Good
3951	06/22/21 07:00:00	5.62	25.24					6.065817211	73.41457255			0.45	7.93	Good
3952	06/22/21 07:30:00	5.74	25.26					6.197021473	75.0300727			0.46	7.96	Good
3953	06/22/21 08:00:00	5.75	25.26					6.209505648	75.1812241			0.46	7.99	Good
3954	06/22/21 08:30:00	5.83	25.24					6.297610224	76.21996289			0.47	8.02	Good
3955	06/22/21 09:00:00	5.74	25.26					6.202076576	75.09127705			0.46	8.05	Good
3956	06/22/21 09:30:00	5.58	25.24					6.030834457	72.99117636			0.45	8.08	Good
3957	06/22/21 10:00:00	5.85	25.24					6.324366353	76.54379226			0.47	8.11	Good
3958	06/22/21 10:30:00	5.79	25.24					6.261200769	75.77929934			0.47	8.14	Good
3959	06/22/21 11:00:00	5.86	25.24					6.338617758	76.71627699			0.48	8.17	Good
3960	06/22/21 11:30:00	5.81	25.22					6.286239572	76.05441462			0.48	8.20	Good
3961	06/22/21 12:00:00	5.66	25.22					6.12560578	74.11097786			0.47	8.23	Good
3962	06/22/21 12:30:00	5.67	25.20					6.13809289	74.23478507			0.47	8.26	Good
3963	06/22/21 13:00:00	5.67	25.20					6.139757375	74.25491553			0.47	8.28	Good
3964	06/22/21 13:30:00	5.63	25.18					6.098096132	73.72397099			0.47	8.31	Good
3965	06/22/21 14:00:00	5.59	25.18					6.056411405	73.22001638			0.47	8.34	Good
3966	06/22/21 14:30:00	5.56	25.18					6.025540496	72.84679728			0.47	8.37	Good
3967	06/22/21 15:00:00	5.51	25.18					5.972971496	72.2112554			0.46	8.40	Good
3968	06/22/21 15:30:00	5.54	25.16					6.007118534	72.59739943			0.47	8.43	Good
3969	06/22/21 16:00:00	5.61	25.16					6.084667625	73.53459791			0.47	8.46	Good
3970	06/22/21 16:30:00	5.66	25.16					6.140559724	74.21006668			0.48	8.49	Good
3971	06/22/21 17:00:00	5.66	25.16					6.142221273	74.23014689			0.48	8.52	Good
3972	06/22/21 17:30:00	5.68	25.16					6.165592656	74.51259538			0.49	8.55	Good
3973	06/22/21 18:00:00	5.58	25.14					6.058681554	73.19364114			0.48	8.58	Good
3974	06/22/21 18:30:00	5.67	25.14					6.158066709	74.39429203			0.49	8.61	Good
3975	06/22/21 19:00:00	5.56	25.12					6.040230236	72.94390976			0.48	8.64	Good
3976	06/22/21 19:30:00	5.49	25.12					5.965795816	72.04501396			0.48	8.67	Good
3977	06/22/21 20:00:00	5.55	25.12					6.032625028	72.85206664			0.48	8.70	Good
3978	06/22/21 20:30:00	5.48	25.12					5.958146574	71.95263906			0.48	8.73	Good
3979	06/22/21 21:00:00	5.36	25.10					5.829249692	70.37014996			0.47	8.75	Good
3980	06/22/21 21:30:00	5.33	25.10					5.798187969	69.99517578			0.47	8.78	Good
3981	06/22/21 22:00:00	5.28	25.08					5.745345959	69.331761			0.47	8.81	Good
3982	06/22/21 22:30:00	5.24	25.08					5.703358865	68.82508321			0.46	8.84	Good
3983	06/22/21 23:00:00	5.17	25.08					5.628686661	67.92397901			0.46	8.87	Good
3984	06/22/21 23:30:00	5.08	25.08				6.533	5.532193071	66.759546		6.774	0.45	8.90	Good
3985	06/23/21 00:00:00	4.67	25.06	1.86	6.60	5.19500		5.087068099	61.36542981	5.425		0.42	8.93	Good
3986	06/23/21 00:30:00	5.34	25.04					5.818472031	70.16254238			0.48	8.96	Good
3987	06/23/21 01:00:00	5.38	25.02					5.863635444	70.68111956			0.48	8.99	Good
3988	06/23/21 01:30:00	5.41	25.00					5.897920455	71.06821641			0.49	9.02	Good
3989	06/23/21 02:00:00	5.36	25.00					5.844984506	70.4303537			0.48	9.05	Good
3990	06/23/21 02:30:00	3.76	24.98					4.101316797	49.40146442			0.34	9.08	Good
3991	06/23/21 03:00:00	2.61	24.96					2.847690883	34.28856475			0.24	9.11	Good
3992	06/23/21 03:30:00	1.86	24.94					2.029934927	24.43309525			0.17	9.14	Good
3993	06/23/21 04:00:00	2.28	24.92					2.488976646	29.9472576			0.21	9.17	Good
3994	06/23/21 04:30:00	1.94	24.90					2.118382968	25.47889163			0.18	9.19	Good
3995	06/23/21 05:00:00	5.05	24.88					5.515829895	66.31727813			0.47	9.22	Good
3996	06/23/21 05:30:00	4.75	24.90					5.189551242	62.41742672			0.44	9.25	Good
3997	06/23/21 06:00:00	4.88	24.86					5.333013638	64.0956049			0.45	9.28	Good
3998	06/23/21 06:30:00	4.61	24.84					5.03930267	60.54324321			0.43	9.31	Good
3999	06/23/21 07:00:00	4.71	24.84					5.14999776	61.87315732			0.44	9.34	Good
4000	06/23/21 07:30:00	4.69	24.80					5.1295062	61.58146598			0.44	9.37	Good
4001	06/23/21 08:00:00	4.79	24.78					5.240283487	62.88814584			0.45	9.40	Good
4002	06/23/21 08:30:00	4.83	24.80					5.285461577	63.45376331			0.46	9.43	Good
4003	06/23/21 09:00:00	4.88	24.80					5.341609073	64.12783309			0.46	9.46	Good
4004	06/23/21 09:30:00	4.84	24.80					5.299246222	63.61925266			0.46	9.49	Good
4005	06/23/21 10:00:00	4.90	24.80					5.366377801	64.42519009			0.47	9.52	Good
4006	06/23/21 10:30:00	5.02	24.80					5.499272969	66.02064177			0.48	9.55	Good
4007	06/23/21 11:00:00	5.05	24.80					5.533619628	66.43298508			0.48	9.58	Good
4008	06/23/21 11:30:00	5.03	24.78					5.513180909	66.16316197			0.48	9.61	Good
4009	06/23/21 12:00:00	5.01	24.78					5.492730448	65.91773792			0.48	9.64	Good
4010	06/23/21 12:30:00	5.07	24.78					5.56	66.72503344			0.49	9.66	Good
4011	06/23/21 13:00:00	Monitor out of service at 1231 hour for lab calibration; On-site Lab calibration completed at 1313 hour; Monitor launched at 1315 hour to start recording at 1330 hour												
4012	06/23/21 13:30:00	Monitor deployed back in river at 1337 hour.												
4013	06/23/21 14:00:00	5.60	24.80					5.58	67.08223463			-0.02	-0.36	Excellent
4014	06/23/21 14:30:00	5.67	24.76					5.650584077	67.88059818			-0.02	-0.34	Excellent
4015	06/23/21 15:00:00	5.72	24.78					5.701254293	68.51462044			-0.02	-0.33	Excellent
4016	06/23/21 15:30:00	5.84	24.82					5.821720111	70.01403014			-0.02	-0.31	Excellent
4017	06/23/21 16:00:00	6.03	24.88					6.012012423	72.38267813			-0.02	-0.30	Excellent
4018	06/23/21 16:30:00	6.22	24.96					6.202360635	74.78465909			-0.02	-0.28	Excellent
4019	06/23/21 17:00:00	6.29	25.00					6.273087402	75.69321145			-0.02	-0.27	Excellent
4020	06/23/21 17:30:00	6.41	25.08					6.393707679	77.26236593			-0.02	-0.25	Excellent
4021	06/23/21 18:00:00	6.58	25.18					6.564243531	79.46912563			-0.02	-0.24	Excellent
4022	06/23/21 18:30:00	6.60	25.24					6.585166522	79.81032585			-0.01	-0.22	Excellent
4023	06/23/21 19:00:00	6.57	25.28					6.556200418	79.51761887			-0.01	-0.21	Excellent
4024	06/23/21 19:30:00	6.29	25.14					6.277713809	75.94444088			-0.01	-0.20	Excellent
4025	06/23/21 20:00:00	6.12	25.04					6.108946142	73.76694482			-0.01	-0.18	Excellent
4026	06/23/21 20:30:00	6.08	25.00					6.069912779	73.24163717			-0.01	-0.17	Excellent
4027	06/23/21 21:00:00	5.94	24.94					5.931018846	71.48660869			-0.01	-0.15	Excellent
4028	06/23/21 21:30:00	5.97	24.96					5.961851694	71.88473434			-0.01	-0.14	Excellent
4029	06/23/21 22:00:00	6.02	25.02					6.012669014	72.57764412			-0.01	-0.12	Excellent
4030	06/23/21 22:30:00	6.05	25.04					6.043522457	72.97693862			-0.01	-0.11	Excellent
4031	06/23/21 23:00:00	6.07	25.10					6.064393963	73.30986645			-0.01	-0.09	Excellent
4032	06/23/21 23:30:00	6.18	25.16				6.210	6.17520147	74.73176971		6.487	0.00	-0.08	Excellent
4033	06/24/21 00:00:00	6.17	25.16	5.59	6.30	5.91854		6.166116864	74.62182857	5.935		0.00	-0.06	Excellent
4034	06/24/21 00:30:00	5.97	25.16					5.967120944	72.21359665			0.00	-0.05	Excellent
4035	06/24/21 01:00:00	6.03	25.12					6.027979043	72.89647118			0.00	-0.03	Excellent
4036	06/24/21 01:30:00	6.30	25.18					6.298815305	76.25575474			0.00	-0.02	Excellent
4037	06/24/21 02:00:00	6.27	25.20					6.269743285	75.9316921			0.00	0.00	Excellent
4038	06/24/21 02:30:00	6.23	25.20					6.230661378	75.4583784			0.00	0.01	Excellent
4039	06/24/21 03:00:00	6.18	25.18					6.18156517	74.83628186			0.00	0.03	Excellent
4040	06/24/21 03:30:00	6.07	25.14					6.07243023	73.46102938			0.00	0.04	Excellent
4041	06/24/21 04:00:00	6.07	25.10					6.073323148	73.41780756			0.00	0.05	Excellent
4042	06/24/21 04:30:00	6.08	25.08					6.084223012	73.52251438			0.00	0.07	Excellent
4043	06/24/21 05:00:00	5.97	25.06					5.975024818	72.17638057			0.01	0.08	Excellent
4044	06/24/21 05:30:00	6.03	25.04					6.035962353	72.88564859			0.01	0.10	Excellent
4045	06/24/21 06:00:00	6.20	25.04					6.207042487	74.95148099			0.01	0.11	Excellent
4046	06/24/21 06:30:00	6.01	25.06					6.017710762	72.69201306			0.01	0.13	Excellent
4047	06/24/21 07:00:00	5.96	25.06					5.968523349	72.09784492			0.01	0.14	Excellent
4048	06/24/21 07:30:00	5.93	25.06					5.939352771	71.7454737			0.01	0.16	Excellent
4049	06/24/21 08:00:00	5.92	25.06					5.930207852	71.63500602			0.01	0.17	Excellent
4050	06/24/21 08:30:00	5.91	25.06					5.921059991	71.52450279			0.01	0.19	Excellent
4051	06/24/21 09:00:00	5.88	25.04					5.891868818	71.14568566			0.01	0.20	Excellent

4052	06/24/21 09:30:00	5.88	25.06					5.892733786	71.18233134			0.01	0.22	Excellent
4053	06/24/21 10:00:00	5.82	25.06					5.833459993	70.46632295			0.01	0.23	Excellent
4054	06/24/21 10:30:00	5.74	25.06					5.75411935	69.50791347			0.01	0.25	Excellent
4055	06/24/21 11:00:00	5.68	25.06					5.694807309	68.79144307			0.01	0.26	Excellent
4056	06/24/21 11:30:00	5.69	25.06					5.705670397	68.92266569			0.02	0.28	Excellent
4057	06/24/21 12:00:00	5.65	25.08					5.666391371	68.47338439			0.02	0.29	Excellent
4058	06/24/21 12:30:00	5.59	25.08					5.607039613	67.75617029			0.02	0.30	Excellent
4059	06/24/21 13:00:00	5.61	25.08					5.627925828	68.00856194			0.02	0.32	Excellent
4060	06/24/21 13:30:00	5.62	25.08					5.638784504	68.13977954			0.02	0.33	Excellent
4061	06/24/21 14:00:00	5.64	25.10					5.659681016	68.41746463			0.02	0.35	Excellent
4062	06/24/21 14:30:00	5.72	25.12					5.740801612	69.42362876			0.02	0.36	Excellent
4063	06/24/21 15:00:00	5.83	25.18					5.852059257	70.84716313			0.02	0.38	Excellent
4064	06/24/21 15:30:00	5.81	25.16					5.832838253	70.5885188			0.02	0.39	Excellent
4065	06/24/21 16:00:00	5.83	25.16					5.853774484	70.84188731			0.02	0.41	Excellent
4066	06/24/21 16:30:00	5.81	25.14					5.834547597	70.58325188			0.02	0.42	Excellent
4067	06/24/21 17:00:00	5.85	25.12					5.875577155	71.0534721			0.03	0.44	Excellent
4068	06/24/21 17:30:00	5.88	25.14					5.906573289	71.45458037			0.03	0.45	Excellent
4069	06/24/21 18:00:00	5.92	25.16					5.947624912	71.97765731			0.03	0.47	Excellent
4070	06/24/21 18:30:00	5.94	25.14					5.968592035	72.20485016			0.03	0.48	Excellent
4071	06/24/21 19:00:00	6.01	25.20					6.03981307	73.14705013			0.03	0.50	Excellent
4072	06/24/21 19:30:00	5.99	25.18					6.020595009	72.8875184			0.03	0.51	Excellent
4073	06/24/21 20:00:00	6.00	25.20					6.031528707	73.04671975			0.03	0.53	Excellent
4074	06/24/21 20:30:00	5.97	25.22					6.002249272	72.71882799			0.03	0.54	Excellent
4075	06/24/21 21:00:00	5.94	25.22					5.97296101	72.363993			0.03	0.55	Excellent
4076	06/24/21 21:30:00	5.96	25.24					5.993948727	72.64493607			0.03	0.57	Excellent
4077	06/24/21 22:00:00	5.85	25.22					5.884182713	71.28842058			0.03	0.58	Excellent
4078	06/24/21 22:30:00	5.88	25.24					5.915222977	71.69080261			0.04	0.60	Excellent
4079	06/24/21 23:00:00	5.89	25.26					5.92614932	71.84959866			0.04	0.61	Excellent
4080	06/24/21 23:30:00	5.91	25.28				5.976	5.94714145	72.13057824		6.242	0.04	0.63	Excellent
4081	06/25/21 00:00:00	5.90	25.28	5.59	6.27	5.97667		5.937946516	72.01905644	6.036		0.04	0.64	Excellent
4082	06/25/21 00:30:00	5.94	25.32					5.979077576	72.57114539			0.04	0.66	Excellent
4083	06/25/21 01:00:00	5.73	25.30					5.768538949	69.99005249			0.04	0.67	Excellent
4084	06/25/21 01:30:00	5.59	25.28					5.628419643	68.26492472			0.04	0.69	Excellent
4085	06/25/21 02:00:00	5.88	25.26					5.92127776	71.79053506			0.04	0.70	Excellent
4086	06/25/21 02:30:00	5.80	25.26					5.841569358	70.82413743			0.04	0.72	Excellent
4087	06/25/21 03:00:00	6.09	25.26					6.134543687	74.37620586			0.04	0.73	Excellent
4088	06/25/21 03:30:00	6.07	25.26					6.11529032	74.14277492			0.05	0.75	Excellent
4089	06/25/21 04:00:00	6.18	25.28					6.227020168	75.52511894			0.05	0.76	Excellent
4090	06/25/21 04:30:00	6.13	25.26					6.17754149	74.89751823			0.05	0.78	Excellent
4091	06/25/21 05:00:00	6.02	25.22					6.067573944	73.51025356			0.05	0.79	Excellent
4092	06/25/21 05:30:00	6.00	25.18					6.048298512	73.2229071			0.05	0.80	Excellent
4093	06/25/21 06:00:00	5.96	25.18					6.008853259	72.74536849			0.05	0.82	Excellent
4094	06/25/21 06:30:00	5.97	25.16					6.019813436	72.85127676			0.05	0.83	Excellent
4095	06/25/21 07:00:00	5.88	25.22					5.929927448	71.84263009			0.05	0.85	Excellent
4096	06/25/21 07:30:00	5.88	25.24					5.930792417	71.87949974			0.05	0.86	Excellent
4097	06/25/21 08:00:00	5.89	25.26					5.941745239	72.03868611			0.05	0.88	Excellent
4098	06/25/21 08:30:00	5.89	25.28					5.942611679	72.07563839			0.05	0.89	Excellent
4099	06/25/21 09:00:00	5.83	25.28					5.88293335	71.35182303			0.05	0.91	Excellent
4100	06/25/21 09:30:00	5.82	25.30					5.873698698	71.26596246			0.05	0.92	Excellent
4101	06/25/21 10:00:00	5.79	25.30					5.84427363	70.90894623			0.05	0.94	Excellent
4102	06/25/21 10:30:00	5.81	25.32					5.865315775	71.1903598			0.06	0.95	Excellent
4103	06/25/21 11:00:00	5.68	25.32					5.734913621	69.60760166			0.05	0.97	Excellent
4104	06/25/21 11:30:00	5.65	25.32					5.70545472	69.25004379			0.06	0.98	Excellent
4105	06/25/21 12:00:00	5.77	25.34					5.827481306	70.75708503			0.06	1.00	Excellent
4106	06/25/21 12:30:00	5.83	25.34					5.888936646	71.50327373			0.06	1.01	Excellent
4107	06/25/21 13:00:00	5.92	25.34					5.980717327	72.61767172			0.06	1.03	Excellent
4108	06/25/21 13:30:00	5.99	25.38					6.052316419	73.54091753			0.06	1.04	Excellent
4109	06/25/21 14:00:00	6.02	25.38					6.083514085	73.91999635			0.06	1.06	Excellent
4110	06/25/21 14:30:00	6.07	25.40					6.134934529	74.57211689			0.06	1.07	Excellent
4111	06/25/21 15:00:00	6.05	25.40					6.115610553	74.3372277			0.07	1.08	Excellent
4112	06/25/21 15:30:00	6.07	25.40					6.136720366	74.59382432			0.07	1.10	Excellent
4113	06/25/21 16:00:00	6.07	25.44					6.137613284	74.65934359			0.07	1.11	Excellent
4114	06/25/21 16:30:00	6.20	25.46					6.269973387	76.29732821			0.07	1.13	Excellent
4115	06/25/21 17:00:00	6.19	25.46					6.260771098	76.18534845			0.07	1.14	Excellent
4116	06/25/21 17:30:00	6.14	25.44					6.211102657	75.55328526			0.07	1.16	Excellent
4117	06/25/21 18:00:00	6.21	25.46					6.282826786	76.45373717			0.07	1.17	Excellent
4118	06/25/21 18:30:00	6.27	25.48					6.344452766	77.23190424			0.07	1.19	Excellent
4119	06/25/21 19:00:00	6.23	25.48					6.304894243	76.75035285			0.07	1.20	Excellent
4120	06/25/21 19:30:00	6.23	25.48					6.305810698	76.76150898			0.08	1.22	Excellent
4121	06/25/21 20:00:00	6.19	25.46					6.266234523	76.25183116			0.08	1.23	Excellent
4122	06/25/21 20:30:00	6.15	25.44					6.22664658	75.74236513			0.08	1.25	Excellent
4123	06/25/21 21:00:00	5.99	25.42					6.065533673	73.75553763			0.08	1.26	Excellent
4124	06/25/21 21:30:00	6.01	25.40					6.086669965	73.98544547			0.08	1.28	Excellent
4125	06/25/21 22:00:00	5.99	25.40					6.067295974	73.74994834			0.08	1.29	Excellent
4126	06/25/21 22:30:00	6.02	25.42					6.098568662	74.15723573			0.08	1.31	Excellent
4127	06/25/21 23:00:00	5.97	25.42					6.048794307	73.55199066			0.08	1.32	Excellent
4128	06/25/21 23:30:00	5.92	25.42				5.800	5.999005241	72.94656672		6.048	0.08	1.33	Excellent
4129	06/26/21 00:00:00	5.91	25.42	4.99	6.56	5.92688		5.989741168	72.83391766	6.028		0.08	1.35	Excellent
4130	06/26/21 00:30:00	5.82	25.38					5.899382978	71.68264299			0.08	1.36	Excellent
4131	06/26/21 01:00:00	5.68	25.38					5.75830897	69.96847088			0.08	1.38	Excellent
4132	06/26/21 01:30:00	4.99	25.36					5.059530131	61.45517228			0.07	1.39	Excellent
4133	06/26/21 02:00:00	5.37	25.36					5.445614957	66.14472029			0.08	1.41	Excellent
4134	06/26/21 02:30:00	5.57	25.36					5.649250523	68.61816318			0.08	1.42	Excellent
4135	06/26/21 03:00:00	5.67	25.38					5.751507411	69.88582601			0.08	1.44	Excellent
4136	06/26/21 03:30:00	5.78	25.40					5.863938942	71.27807773			0.08	1.45	Excellent
4137	06/26/21 04:00:00	5.69	25.40					5.773468953	70.17838571			0.08	1.47	Excellent
4138	06/26/21 04:30:00	5.70	25.38					5.784454138	70.28615744			0.08	1.48	Excellent
4139	06/26/21 05:00:00	5.55	25.38					5.633048085	68.44644199			0.08	1.50	Excellent
4140	06/26/21 05:30:00	5.49	25.36					5.572957866	67.69148061			0.08	1.51	Excellent
4141	06/26/21 06:00:00	5.31	25.34					5.391019056	65.45757484			0.08	1.53	Excellent
4142	06/26/21 06:30:00	5.62	25.32					5.706575704	69.26364976			0.09	1.54	Excellent
4143	06/26/21 07:00:00	5.65	25.30					5.737868987	69.61793188			0.09	1.56	Excellent
4144	06/26/21 07:30:00	5.58	25.30					5.667601183	68.76536811			0.09	1.57	Excellent
4145	06/26/21 08:00:00	5.40	25.28					5.485569697	66.53235299			0.09	1.58	Excellent
4146	06/26/21 08:30:00	5.42	25.24					5.506683923	66.73942667			0.09	1.60	Excellent
4147	06/26/21 09:00:00	5.42	25.22					5.507481225	66.72458302			0.09	1.61	Excellent
4148	06/26/21 09:30:00	5.52	25.18					5.609907281	67.91558301			0.09	1.63	Excellent
4149	06/26/21 10:00:00	5.59	25.18					5.681869718	68.78678652			0.09	1.64	Excellent
4150	06/26/21 10:30:00	5.69	25.18					5.784350203	70.02745263			0.09	1.66	Excellent
4151	06/26/21 11:00:00	5.75	25.18					5.846190954	70.77611931			0.10	1.67	Excellent
4152	06/26/21 11:30:00	5.83	25.20					5.928386876	71.79758827			0.10	1.69	Excellent
4153	06/26/21 12:00:00	5.85	25.18					5.949584952	72.02784475			0.10	1.70	Excellent
4154	06/26/21 12:30:00	5.91	25.18					6.011475718	72.77711693			0.10	1.72	Excellent
4155	06/26/21 13:00:00	5.96	25.22					6.063210963	73.45739491			0.10	1.73	Excellent
4156	06/26/21 13:30:00	5.93	25.16					6.033563769	73.01768214			0.10	1.75	Excellent
4157	06/26/21 14:00:00	5.97	25.12					6.075140553	73.46679626			0.11	1.76	Excellent
4158	06/26/21 14:30:00	5.99	25.10					6.096373933	73.69645864			0.11	1.78	Excellent
4159	06/26/21 15:00:00	6.07	25.10					6.178687538	74.69151263			0.11	1.79	Excellent
4160	06/26/21 15:30:00	6.16	25.10					6.271205208	75.8099192			0.11	1.81	Excellent
4161	06/26/21 16:00:00	6.20	25.08					6.312839362	76.28514303			0.11	1.82	Excellent
4162	06/26/21 16:30:00	6.16	25.12					6.273017524	75.85972643			0.11	1.83	Excellent
4163	06/26/21 17:00:00	6.35	25.14					6.467437561	78.23961787			0.12	1.85	Excellent
4164	06/26/21 17:30:00	6.45	25.14					6.57023579	79.48321613			0.12	1.86	Excellent
4165	06/26/21 18:00:00	6.50	25.14					6.622124023	80.11093237			0.12	1.88	Excellent
4166	06/26/21 18:30:00	6.46	25.12					6.58232278	79.60016108			0.12	1.89	Excellent
4167	06/26/21 19:00:00	6.48	25.10					6.603654719	79.82875923			0.12	1.91	Excellent

4168	06/26/21 19:30:00	6.48	25.12					6.60460795	79.86965609			0.12	1.92	Excellent
4169	06/26/21 20:00:00	6.47	25.12					6.595367414	79.7579101			0.13	1.94	Excellent
4170	06/26/21 20:30:00	6.55	25.14					6.67788108	80.78545157			0.13	1.95	Excellent
4171	06/26/21 21:00:00	6.38	25.12					6.50550055	78.67114832			0.13	1.97	Excellent
4172	06/26/21 21:30:00	6.56	25.08					6.690006317	80.84287585			0.13	1.98	Excellent
4173	06/26/21 22:00:00	6.39	25.08					6.517577243	78.75922127			0.13	2.00	Excellent
4174	06/26/21 22:30:00	6.41	25.04					6.538919479	78.95897282			0.13	2.01	Excellent
4175	06/26/21 23:00:00	6.42	25.04					6.550065006	79.09355765			0.13	2.03	Excellent
4176	06/26/21 23:30:00	6.39	25.02				5.800	6.520397218	78.70632288		6.028	0.13	2.04	Excellent
4177	06/27/21 00:00:00	6.39	25.02	5.55	6.79	6.39542		6.521337209	78.71766932	6.549		0.13	2.06	Excellent
4178	06/27/21 00:30:00	6.37	25.02					6.501863188	78.48260256			0.13	2.07	Excellent
4179	06/27/21 01:00:00	6.31	25.02					6.441549372	77.75456737			0.13	2.08	Excellent
4180	06/27/21 01:30:00	6.27	25.02					6.401637801	77.27280331			0.13	2.10	Excellent
4181	06/27/21 02:00:00	6.26	25.00					6.39234872	77.13225918			0.13	2.11	Excellent
4182	06/27/21 02:30:00	6.23	25.00					6.362630916	76.77367402			0.13	2.13	Excellent
4183	06/27/21 03:00:00	6.18	25.00					6.312475563	76.16848242			0.13	2.14	Excellent
4184	06/27/21 03:30:00	6.21	25.00					6.344032161	76.5492551			0.13	2.16	Excellent
4185	06/27/21 04:00:00	6.19	24.98					6.324511066	76.28559324			0.13	2.17	Excellent
4186	06/27/21 04:30:00	5.90	24.98					6.029077166	72.72210033			0.13	2.19	Excellent
4187	06/27/21 05:00:00	5.55	24.98					5.672236471	68.41792506			0.12	2.20	Excellent
4188	06/27/21 05:30:00	5.93	24.96					6.061478139	73.08597531			0.13	2.22	Excellent
4189	06/27/21 06:00:00	6.23	24.96					6.369046102	76.79446094			0.14	2.23	Excellent
4190	06/27/21 06:30:00	6.10	24.96					6.23704199	75.20282783			0.14	2.25	Excellent
4191	06/27/21 07:00:00	6.11	24.94					6.248165452	75.3091788			0.14	2.26	Excellent
4192	06/27/21 07:30:00	6.17	24.94					6.310429861	76.05965213			0.14	2.28	Excellent
4193	06/27/21 08:00:00	6.13	24.94					6.270421202	75.57742749			0.14	2.29	Excellent
4194	06/27/21 08:30:00	6.12	24.92					6.261092403	75.43716269			0.14	2.31	Excellent
4195	06/27/21 09:00:00	6.16	24.92					6.302920734	75.94113394			0.14	2.32	Excellent
4196	06/27/21 09:30:00	6.26	24.92					6.406161744	77.18503969			0.15	2.33	Excellent
4197	06/27/21 10:00:00	6.24	24.92					6.386612699	76.94950181			0.15	2.35	Excellent
4198	06/27/21 10:30:00	6.33	24.94					6.479658471	78.09936566			0.15	2.36	Excellent
4199	06/27/21 11:00:00	6.38	24.94					6.531779128	78.72757628			0.15	2.38	Excellent
4200	06/27/21 11:30:00	6.41	24.96					6.563435757	79.13830466			0.15	2.39	Excellent
4201	06/27/21 12:00:00	6.42	24.98					6.574619531	79.30237547			0.15	2.41	Excellent
4202	06/27/21 12:30:00	6.47	25.00					6.626775493	79.96093255			0.16	2.42	Excellent
4203	06/27/21 13:00:00	6.50	25.00					6.6584586	80.34323172			0.16	2.44	Excellent
4204	06/27/21 13:30:00	6.51	25.00					6.669660027	80.47839195			0.16	2.45	Excellent
4205	06/27/21 14:00:00	6.49	25.00					6.650124222	80.24266627			0.16	2.47	Excellent
4206	06/27/21 14:30:00	6.50	24.98					6.66132712	80.34823336			0.16	2.48	Excellent
4207	06/27/21 15:00:00	6.49	25.04					6.652033626	80.32485244			0.16	2.50	Excellent
4208	06/27/21 15:30:00	6.51	25.04					6.673490604	80.58395043			0.16	2.51	Excellent
4209	06/27/21 16:00:00	6.56	25.06					6.725711291	81.24443204			0.17	2.53	Excellent
4210	06/27/21 16:30:00	6.58	25.08					6.74718445	81.53382358			0.17	2.54	Excellent
4211	06/27/21 17:00:00	6.63	25.08					6.799430145	82.16516711			0.17	2.56	Excellent
4212	06/27/21 17:30:00	6.65	25.08					6.820919485	82.424847			0.17	2.57	Excellent
4213	06/27/21 18:00:00	6.71	25.10					6.88344868	83.21106884			0.17	2.58	Excellent
4214	06/27/21 18:30:00	6.71	25.08					6.884435745	83.19238546			0.17	2.60	Excellent
4215	06/27/21 19:00:00	6.70	25.10					6.875161375	83.11088715			0.18	2.61	Excellent
4216	06/27/21 19:30:00	6.79	25.14					6.968513122	84.30136335			0.18	2.63	Excellent
4217	06/27/21 20:00:00	6.74	25.10					6.918190071	83.63104265			0.18	2.64	Excellent
4218	06/27/21 20:30:00	6.73	25.10					6.908915701	83.51892876			0.18	2.66	Excellent
4219	06/27/21 21:00:00	6.69	25.06					6.868836431	82.97333776			0.18	2.67	Excellent
4220	06/27/21 21:30:00	6.75	25.08					6.931433295	83.76030974			0.18	2.69	Excellent
4221	06/27/21 22:00:00	6.65	25.06					6.829723632	82.50086771			0.18	2.70	Excellent
4222	06/27/21 22:30:00	6.61	25.06					6.789614943	82.01636762			0.18	2.72	Excellent
4223	06/27/21 23:00:00	6.57	25.08					6.749494484	81.56173833			0.18	2.73	Excellent
4224	06/27/21 23:30:00	6.59	25.12				5.829	6.771010303	81.88196308		6.031	0.18	2.75	Excellent
4225	06/28/21 00:00:00	6.56	25.14	4.83	6.80	6.20875		6.74115128	81.55086078	6.402		0.18	2.76	Excellent
4226	06/28/21 00:30:00	5.72	25.14					5.878796512	71.11855171			0.16	2.78	Excellent
4227	06/28/21 01:00:00	5.55	25.14					5.70489346	69.01476513			0.15	2.79	Excellent
4228	06/28/21 01:30:00	5.44	25.14					5.592623742	67.65658584			0.15	2.81	Excellent
4229	06/28/21 02:00:00	5.51	25.16					5.665398191	68.56217323			0.16	2.82	Excellent
4230	06/28/21 02:30:00	5.19	25.16					5.337136719	64.58958045			0.15	2.84	Excellent
4231	06/28/21 03:00:00	5.02	25.16					5.163055671	62.48286623			0.14	2.85	Excellent
4232	06/28/21 03:30:00	4.83	25.18					4.968351724	60.14867752			0.14	2.86	Excellent
4233	06/28/21 04:00:00	5.71	25.18					5.874398624	71.11761166			0.16	2.88	Excellent
4234	06/28/21 04:30:00	5.53	25.18					5.690029663	68.88557379			0.16	2.89	Excellent
4235	06/28/21 05:00:00	5.45	25.16					5.608516301	67.87379337			0.16	2.91	Excellent
4236	06/28/21 05:30:00	5.86	25.16					6.031303408	72.99032744			0.17	2.92	Excellent
4237	06/28/21 06:00:00	6.34	25.20					6.526267723	79.03841173			0.19	2.94	Excellent
4238	06/28/21 06:30:00	6.61	25.30					6.805172614	82.56759514			0.20	2.95	Excellent
4239	06/28/21 07:00:00	6.74	25.36					6.940002585	84.29617838			0.20	2.97	Excellent
4240	06/28/21 07:30:00	6.60	25.36					6.796819112	82.55701194			0.20	2.98	Excellent
4241	06/28/21 08:00:00	6.60	25.34					6.797789996	82.538541			0.20	3.00	Excellent
4242	06/28/21 08:30:00	6.46	25.28					6.654544739	80.7103991			0.19	3.01	Excellent
4243	06/28/21 09:00:00	6.62	25.28					6.82033701	82.72122943			0.20	3.03	Excellent
4244	06/28/21 09:30:00	6.50	25.26					6.697661697	81.20354025			0.20	3.04	Excellent
4245	06/28/21 10:00:00	6.48	25.24					6.678006738	80.93552258			0.20	3.06	Excellent
4246	06/28/21 10:30:00	6.25	25.22					6.441898118	78.04528935			0.19	3.07	Excellent
4247	06/28/21 11:00:00	6.34	25.22					6.535594088	79.18044066			0.20	3.09	Excellent
4248	06/28/21 11:30:00	6.22	25.26					6.412806976	77.74991526			0.19	3.10	Excellent
4249	06/28/21 12:00:00	6.25	25.28					6.44465631	78.16474353			0.19	3.11	Excellent
4250	06/28/21 12:30:00	6.20	25.32					6.394011101	77.6074074			0.19	3.13	Excellent
4251	06/28/21 13:00:00	6.23	25.30					6.42586632	77.96544758			0.20	3.14	Excellent
4252	06/28/21 13:30:00	6.34	25.30					6.54025727	79.35336031			0.20	3.16	Excellent
4253	06/28/21 14:00:00	6.09	25.26					6.283256551	76.17922483			0.19	3.17	Excellent
4254	06/28/21 14:30:00	6.23	25.26					6.428615685	77.94158263			0.20	3.19	Excellent
4255	06/28/21 15:00:00	6.32	25.32					6.522414627	79.16590715			0.20	3.20	Excellent
4256	06/28/21 15:30:00	6.44	25.38					6.64720529	80.76933561			0.21	3.22	Excellent
4257	06/28/21 16:00:00	6.46	25.44					6.668799074	81.12081004			0.21	3.23	Excellent
4258	06/28/21 16:30:00	6.61	25.52					6.824619704	83.13784836			0.21	3.25	Excellent
4259	06/28/21 17:00:00	6.68	25.58					6.897875181	84.12245699			0.22	3.26	Excellent
4260	06/28/21 17:30:00	6.80	25.62					7.022789411	85.70843588			0.22	3.28	Excellent
4261	06/28/21 18:00:00	6.74	25.62					6.9618151	84.9642853			0.22	3.29	Excellent
4262	06/28/21 18:30:00	6.74	25.66					6.962806578	85.03845957			0.22	3.31	Excellent
4263	06/28/21 19:00:00	6.68	25.64					6.901805788	84.26267562			0.22	3.32	Excellent
4264	06/28/21 19:30:00	6.65	25.62					6.871787893	83.8655636			0.22	3.34	Excellent
4265	06/28/21 20:00:00	6.63	25.64					6.852096158	83.65578134			0.22	3.35	Excellent
4266	06/28/21 20:30:00	6.56	25.62					6.780716251	82.75409527			0.22	3.36	Excellent
4267	06/28/21 21:00:00	6.53	25.60					6.750667464	82.35728252			0.22	3.38	Excellent
4268	06/28/21 21:30:00	6.54	25.62					6.76196745	82.52527873			0.22	3.39	Excellent
4269	06/28/21 22:00:00	6.44	25.64					6.659520799	81.30466983			0.22	3.41	Excellent
4270	06/28/21 22:30:00	6.40	25.64					6.619098779	80.811166			0.22	3.42	Excellent
4271	06/28/21 23:00:00	5.86	25.64					6.061474346	74.00324817			0.20	3.44	Excellent
4272	06/28/21 23:30:00	5.47	25.62				5.902	5.6588703	69.06271766		6.076	0.19	3.45	Excellent
4273	06/29/21 00:00:00	5.68	25.62	4.66	6.66	6.08438		5.876956811	71.72431729	6.217		0.20	3.47	Excellent
4274	06/29/21 00:30:00	5.37	25.62					5.556997353	67.81942665			0.19	3.48	Excellent
4275	06/29/21 01:00:00	4.99	25.62					5.164498813	63.02924514			0.17	3.50	Excellent
4276	06/29/21 01:30:00	5.04	25.64					5.2169887	63.69310293			0.18	3.51	Excellent
4277	06/29/21 02:00:00	4.66	25.62					4.824329816	58.87771062			0.16	3.53	Excellent
4278	06/29/21 02:30:00	4.80	25.58					4.96997286	60.61088628			0.17	3.54	Excellent
4279	06/29/21 03:00:00	5.19	25.56					5.374546623	65.52088158			0.18	3.56	Excellent
4280	06/29/21 03:30:00	5.56	25.56					5.758521021	70.20189802			0.20	3.57	Excellent
4281	06/29/21 04:00:00	5.44	25.56					5.635036638	68.69650488			0.20	3.59	Excellent
4282	06/29/21 04:30:00	5.63	25.56					5.832676773	71.1059278			0.20	3.60	Excellent
4283	06/29/21 05:00:00	5.72	25.56					5.926758154	72.25287013			0.21	3.61	Excellent

4284	06/29/21 05:30:00	5.89	25.56					6.103769504	74.41080837			0.21	3.63	Excellent
4285	06/29/21 06:00:00	6.19	25.56					6.415568165	78.2119333			0.23	3.64	Excellent
4286	06/29/21 06:30:00	6.30	25.70					6.530503398	79.81686511			0.23	3.66	Excellent
4287	06/29/21 07:00:00	6.38	25.76					6.614368946	80.93036921			0.23	3.67	Excellent
4288	06/29/21 07:30:00	6.40	25.82					6.636045108	81.28438766			0.24	3.69	Excellent
4289	06/29/21 08:00:00	6.34	25.82					6.574764821	80.53377032			0.23	3.70	Excellent
4290	06/29/21 08:30:00	6.33	25.78					6.565325695	80.35958026			0.24	3.72	Excellent
4291	06/29/21 09:00:00	6.25	25.78					6.483270992	79.35523077			0.23	3.73	Excellent
4292	06/29/21 09:30:00	6.24	25.76					6.473815685	79.21062429			0.23	3.75	Excellent
4293	06/29/21 10:00:00	6.15	25.74					6.38134803	78.05077405			0.23	3.76	Excellent
4294	06/29/21 10:30:00	6.16	25.74					6.392630364	78.18876917			0.23	3.78	Excellent
4295	06/29/21 11:00:00	6.17	25.74					6.403915639	78.32680027			0.23	3.79	Excellent
4296	06/29/21 11:30:00	6.11	25.76					6.342539736	77.6043923			0.23	3.81	Excellent
4297	06/29/21 12:00:00	6.02	25.74					6.25	76.44424588			0.23	3.82	Excellent
4298	06/29/21 12:30:00	6.21	25.86					6.25	77.03341524			0.04	0.64	Excellent
4299	06/29/21 13:00:00	6.15	25.78					6.190021014	76.18302242			0.04	0.65	Excellent
4300	06/29/21 13:30:00	6.23	25.80					6.2709544	77.20724373			0.04	0.66	Excellent
4301	06/29/21 14:00:00	6.26	25.84					6.301566388	77.64070169			0.04	0.66	Excellent
4302	06/29/21 14:30:00	6.25	25.84					6.291914101	77.52177724			0.04	0.67	Excellent
4303	06/29/21 15:00:00	6.29	25.86					6.332599115	78.05147795			0.04	0.68	Excellent
4304	06/29/21 15:30:00	6.41	25.98					6.453836531	79.71964887			0.04	0.68	Excellent
4305	06/29/21 16:00:00	6.44	26.02					6.484468397	80.15627746			0.04	0.69	Excellent
4306	06/29/21 16:30:00	6.42	26.00					6.464755673	79.8835629			0.04	0.70	Excellent
4307	06/29/21 17:00:00	6.55	26.14					6.596095931	81.71397239			0.05	0.70	Excellent
4308	06/29/21 17:30:00	6.51	26.12					6.556245769	81.19083238			0.05	0.71	Excellent
4309	06/29/21 18:00:00	6.59	26.22					6.637250715	82.34315808			0.05	0.72	Excellent
4310	06/29/21 18:30:00	6.57	26.28					6.617542629	82.18793048			0.05	0.72	Excellent
4311	06/29/21 19:00:00	6.53	26.26					6.577685842	81.66333912			0.05	0.73	Excellent
4312	06/29/21 19:30:00	6.66	26.34					6.709076456	83.41528802			0.05	0.74	Excellent
4313	06/29/21 20:00:00	6.55	26.30					6.598699874	81.98358799			0.05	0.74	Excellent
4314	06/29/21 20:30:00	6.59	26.30					6.639433919	82.48967604			0.05	0.75	Excellent
4315	06/29/21 21:00:00	6.56	26.34					6.609643531	82.17901861			0.05	0.76	Excellent
4316	06/29/21 21:30:00	6.49	26.30					6.539543814	81.24862107			0.05	0.76	Excellent
4317	06/29/21 22:00:00	6.30	26.34					6.348510804	78.93230324			0.05	0.77	Excellent
4318	06/29/21 22:30:00	6.18	26.32					6.227996264	77.40590519			0.05	0.78	Excellent
4319	06/29/21 23:00:00	6.12	26.32					6.167935781	76.65943138			0.05	0.78	Excellent
4320	06/29/21 23:30:00	6.18	26.32				5.963	6.228815214	77.41608368		6.089	0.05	0.79	Excellent
4321	06/30/21 00:00:00	6.04	26.32	5.33	7.07	6.14750		6.088109567	75.66729522	6.206		0.05	0.80	Excellent
4322	06/30/21 00:30:00	6.08	26.32					6.128831023	76.17341003			0.05	0.80	Excellent
4323	06/30/21 01:00:00	5.56	26.28					5.60502308	69.61273589			0.05	0.81	Excellent
4324	06/30/21 01:30:00	5.69	26.22					5.736452787	71.16766549			0.05	0.82	Excellent
4325	06/30/21 02:00:00	5.61	26.18					5.65617138	70.1208181			0.05	0.82	Excellent
4326	06/30/21 02:30:00	5.33	26.14					5.374220082	66.57708984			0.04	0.83	Excellent
4327	06/30/21 03:00:00	5.73	26.12					5.777918321	71.55222888			0.05	0.84	Excellent
4328	06/30/21 03:30:00	5.85	26.12					5.899309456	73.05550494			0.05	0.84	Excellent
4329	06/30/21 04:00:00	5.79	26.12					5.839187352	72.31096853			0.05	0.85	Excellent
4330	06/30/21 04:30:00	5.71	26.12					5.758886068	71.31653844			0.05	0.86	Excellent
4331	06/30/21 05:00:00	5.89	26.16					5.940817395	73.62293257			0.05	0.86	Excellent
4332	06/30/21 05:30:00	5.59	26.14					5.638599455	69.85228308			0.05	0.87	Excellent
4333	06/30/21 06:00:00	5.45	26.12					5.497743402	68.08261599			0.05	0.88	Excellent
4334	06/30/21 06:30:00	5.95	26.22					6.002517766	74.46852478			0.05	0.88	Excellent
4335	06/30/21 07:00:00	6.30	26.46					6.356024473	79.19733207			0.06	0.89	Excellent
4336	06/30/21 07:30:00	6.36	26.54					6.416979441	80.07239911			0.06	0.90	Excellent
4337	06/30/21 08:00:00	6.25	26.52					6.30640806	78.66427145			0.06	0.90	Excellent
4338	06/30/21 08:30:00	6.12	26.44					6.175640272	76.92191277			0.06	0.91	Excellent
4339	06/30/21 09:00:00	6.17	26.46					6.226503662	77.58347695			0.06	0.92	Excellent
4340	06/30/21 09:30:00	6.08	26.46					6.136082309	76.45680886			0.06	0.92	Excellent
4341	06/30/21 10:00:00	6.07	26.44					6.126392255	76.30849432			0.06	0.93	Excellent
4342	06/30/21 10:30:00	6.07	26.46					6.126794441	76.34108018			0.06	0.94	Excellent
4343	06/30/21 11:00:00	6.03	26.46					6.086819715	75.84298712			0.06	0.94	Excellent
4344	06/30/21 11:30:00	6.09	26.48					6.147788597	76.63034489			0.06	0.95	Excellent
4345	06/30/21 12:00:00	6.07	26.52					6.128001001	76.43887449			0.06	0.96	Excellent
4346	06/30/21 12:30:00	6.17	26.54					6.229365349	77.7313116			0.06	0.96	Excellent
4347	06/30/21 13:00:00	6.16	26.52					6.219677283	77.58241735			0.06	0.97	Excellent
4348	06/30/21 13:30:00	6.21	26.58					6.270573139	78.30198608			0.06	0.98	Excellent
4349	06/30/21 14:00:00	6.07	26.48					6.129609748	76.40375098			0.06	0.98	Excellent
4350	06/30/21 14:30:00	6.19	26.58					6.251198332	78.06004872			0.06	0.99	Excellent
4351	06/30/21 15:00:00	6.25	26.68					6.312205644	78.96403056			0.06	1.00	Excellent
4352	06/30/21 15:30:00	6.57	26.92					6.635825889	83.37141657			0.07	1.00	Excellent
4353	06/30/21 16:00:00	6.56	27.08					6.62616035	83.48917366			0.07	1.01	Excellent
4354	06/30/21 16:30:00	6.36	26.98					6.424564668	80.80411397			0.06	1.02	Excellent
4355	06/30/21 17:00:00	6.21	26.84					6.273453379	78.70546066			0.06	1.02	Excellent
4356	06/30/21 17:30:00	6.13	26.78					6.193042106	77.61287639			0.06	1.03	Excellent
4357	06/30/21 18:00:00	6.10	26.80					6.163137755	77.26588992			0.06	1.04	Excellent
4358	06/30/21 18:30:00	6.02	26.72					6.082708592	76.147901			0.06	1.04	Excellent
4359	06/30/21 19:00:00	6.15	26.76					6.214470252	77.85340794			0.06	1.05	Excellent
4360	06/30/21 19:30:00	6.39	26.94					6.457409554	81.15895157			0.07	1.05	Excellent
4361	06/30/21 20:00:00	6.73	27.28					6.801442207	86.00487157			0.07	1.06	Excellent
4362	06/30/21 20:30:00	6.54	27.34					6.609858593	83.67188539			0.07	1.07	Excellent
4363	06/30/21 21:00:00	6.52	27.30					6.590076961	83.36191495			0.07	1.07	Excellent
4364	06/30/21 21:30:00	6.39	27.22					6.459103111	81.58842365			0.07	1.08	Excellent
4365	06/30/21 22:00:00	6.73	27.54					6.803225875	86.42726931			0.07	1.09	Excellent
4366	06/30/21 22:30:00	6.75	27.58					6.823890728	86.75153793			0.07	1.09	Excellent
4367	06/30/21 23:00:00	6.93	27.72					7.006320316	89.29273042			0.08	1.10	Excellent
4368	06/30/21 23:30:00	7.07	27.90				6.094	7.148330585	91.39400702		6.196	0.08	1.11	Excellent
4369	07/01/21 00:00:00	6.95	27.94	5.41	6.95	6.04875		7.027461564	89.91234997	6.126		0.08	1.11	Excellent
4370	07/01/21 00:30:00	6.62	27.88					6.694222162	85.55773161			0.07	1.12	Excellent
4371	07/01/21 01:00:00	6.26	27.62					6.330606087	80.53767648			0.07	1.13	Excellent
4372	07/01/21 01:30:00	5.99	27.38					6.057952495	76.74026198			0.07	1.13	Excellent
4373	07/01/21 02:00:00	5.69	27.40					5.754926207	72.92763436			0.06	1.14	Excellent
4374	07/01/21 02:30:00	5.55	27.42					5.613696458	71.16332062			0.06	1.15	Excellent
4375	07/01/21 03:00:00	5.51	27.44					5.573602467	70.68026031			0.06	1.15	Excellent
4376	07/01/21 03:30:00	5.47	27.44					5.533503174	70.17175106			0.06	1.16	Excellent
4377	07/01/21 04:00:00	5.41	27.48					5.473165069	69.456088			0.06	1.17	Excellent
4378	07/01/21 04:30:00	5.49	27.48					5.554462875	70.48778127			0.06	1.17	Excellent
4379	07/01/21 05:00:00	6.11	27.48					6.182147673	78.45328752			0.07	1.18	Excellent
4380	07/01/21 05:30:00	6.00	27.48					6.071246327	77.04591655			0.07	1.19	Excellent
4381	07/01/21 06:00:00	6.14	27.50					6.213315566	78.87691816			0.07	1.19	Excellent
4382	07/01/21 06:30:00	6.14	27.50					6.213722391	78.88208272			0.07	1.20	Excellent
4383	07/01/21 07:00:00	6.12	27.52					6.193887752	78.6583012			0.07	1.21	Excellent
4384	07/01/21 07:30:00	6.17	27.52					6.244900223	79.30612603			0.07	1.21	Excellent
4385	07/01/21 08:00:00	5.82	27.54					5.891037048	74.83894476			0.07	1.22	Excellent
4386	07/01/21 08:30:00	5.58	27.50					5.648477405	71.70639979			0.07	1.23	Excellent
4387	07/01/21 09:00:00	6.39	27.76					6.468841063	82.5013568			0.08	1.23	Excellent
4388	07/01/21 09:30:00	6.39	27.76					6.469264452	82.50675656			0.08	1.24	Excellent
4389	07/01/21 10:00:00	6.32	27.72					6.398814892	81.55031848			0.08	1.25	Excellent
4390	07/01/21 10:30:00	6.37	27.68					6.449860492	82.14247424			0.08	1.25	Excellent
4391	07/01/21 11:00:00	6.40	27.66					6.480660652	82.50539587			0.08	1.26	Excellent
4392	07/01/21 11:30:00	6.37	27.62					6.45070462	82.06563444			0.08	1.27	Excellent
4393	07/01/21 12:00:00	6.34	27.54					6.420744612	81.56827862			0.08	1.27	Excellent
4394	07/01/21 12:30:00	6.34	27.52					6.421164688	81.54456882			0.08	1.28	Excellent
4395	07/01/21 13:00:00	6.34	27.56					6.421584764	81.60800286			0.08	1.29	Excellent
4396	07/01/21 13:30:00	6.20	27.52					6.280194008	79.75433389			0.08	1.29	Excellent
4397	07/01/21 14:00:00	6.15	27.54					6.22995477	79.14451005			0.08	1.30	Excellent
4398	07/01/21 14:30:00	6.19	27.54					6.270884938	79.66448142			0.08	1.31	Excellent
4399	07/01/21 15:00:00	6.13	27.54					6.210507078	78.89744919			0.08	1.31	Excellent

4400	07/01/21 15:30:00	6.00	27.46					6.079197299	77.11932509			0.08	1.32	Excellent
4401	07/01/21 16:00:00	6.02	27.46					6.099860164	77.38144953			0.08	1.33	Excellent
4402	07/01/21 16:30:00	6.03	27.50					6.110392358	77.57032663			0.08	1.33	Excellent
4403	07/01/21 17:00:00	5.96	27.46					6.039854012	76.62022503			0.08	1.34	Excellent
4404	07/01/21 17:30:00	5.88	27.44					5.959171743	75.56976167			0.08	1.35	Excellent
4405	07/01/21 18:00:00	5.96	27.48					6.040643808	76.65756151			0.08	1.35	Excellent
4406	07/01/21 18:30:00	5.97	27.56					6.051174678	76.90068707			0.08	1.36	Excellent
4407	07/01/21 19:00:00	5.92	27.60					6.000887071	76.31591599			0.08	1.37	Excellent
4408	07/01/21 19:30:00	6.00	27.62					6.082377688	77.37979233			0.08	1.37	Excellent
4409	07/01/21 20:00:00	6.06	27.68					6.143602989	78.24211871			0.08	1.38	Excellent
4410	07/01/21 20:30:00	6.10	27.76					6.184558998	78.87572188			0.08	1.39	Excellent
4411	07/01/21 21:00:00	6.15	27.82					6.235659592	79.61216841			0.09	1.39	Excellent
4412	07/01/21 21:30:00	6.00	27.78					6.083967882	77.62037037			0.08	1.40	Excellent
4413	07/01/21 22:00:00	5.88	27.76					5.962678122	76.04593009			0.08	1.41	Excellent
4414	07/01/21 22:30:00	5.86	27.76					5.942785176	75.79222235			0.08	1.41	Excellent
4415	07/01/21 23:00:00	5.87	27.74					5.953315383	75.89956252			0.08	1.42	Excellent
4416	07/01/21 23:30:00	5.73	27.72				6.113	5.811707963	74.06787715		6.223	0.08	1.43	Excellent
4417	07/02/21 00:00:00	5.86	27.74	5.09	5.86	5.59375		5.943949994	75.780162	5.683		0.08	1.43	Excellent
4418	07/02/21 00:30:00	5.83	27.76					5.9139065	75.42391373			0.08	1.44	Excellent
4419	07/02/21 01:00:00	5.74	27.74					5.822991524	74.23804734			0.08	1.45	Excellent
4420	07/02/21 01:30:00	5.77	27.74					5.853807587	74.63092518			0.08	1.45	Excellent
4421	07/02/21 02:00:00	5.60	27.76					5.681709431	72.46255279			0.08	1.46	Excellent
4422	07/02/21 02:30:00	5.65	27.76					5.732813338	73.11431431			0.08	1.47	Excellent
4423	07/02/21 03:00:00	5.64	27.76					5.723040462	72.98967443			0.08	1.47	Excellent
4424	07/02/21 03:30:00	5.68	27.76					5.764005747	73.51213148			0.08	1.48	Excellent
4425	07/02/21 04:00:00	5.65	27.76					5.733936413	73.12863761			0.08	1.49	Excellent
4426	07/02/21 04:30:00	5.63	27.76					5.714012326	72.87453271			0.08	1.49	Excellent
4427	07/02/21 05:00:00	5.67	27.76					5.7549849	73.39708272			0.08	1.50	Excellent
4428	07/02/21 05:30:00	5.62	27.76					5.704607844	72.75459121			0.08	1.51	Excellent
4429	07/02/21 06:00:00	5.62	27.76					5.704980215	72.7593403			0.08	1.51	Excellent
4430	07/02/21 06:30:00	5.57	27.76					5.654593221	72.11672204			0.08	1.52	Excellent
4431	07/02/21 07:00:00	5.57	27.74					5.654962278	72.09582147			0.08	1.53	Excellent
4432	07/02/21 07:30:00	5.56	27.74					5.645178138	71.97108224			0.09	1.53	Excellent
4433	07/02/21 08:00:00	5.68	27.74					5.767392861	73.52921303			0.09	1.54	Excellent
4434	07/02/21 08:30:00	5.58	27.76					5.666223974	72.26505664			0.09	1.55	Excellent
4435	07/02/21 09:00:00	5.60	27.74					5.686904066	72.50305132			0.09	1.55	Excellent
4436	07/02/21 09:30:00	5.60	27.72					5.687275112	72.48203058			0.09	1.56	Excellent
4437	07/02/21 10:00:00	5.56	27.70					5.647020113	71.94343031			0.09	1.57	Excellent
4438	07/02/21 10:30:00	5.61	27.70					5.698174376	72.59513919			0.09	1.57	Excellent
4439	07/02/21 11:00:00	5.59	27.68					5.678230412	72.31534634			0.09	1.58	Excellent
4440	07/02/21 11:30:00	5.61	27.70					5.698917792	72.60461036			0.09	1.58	Excellent
4441	07/02/21 12:00:00	5.56	27.68					5.648493693	71.93663309			0.09	1.59	Excellent
4442	07/02/21 12:30:00	5.59	27.70					5.67934156	72.3552078			0.09	1.60	Excellent
4443	07/02/21 13:00:00	5.59	27.76					5.679711943	72.43707751			0.09	1.60	Excellent
4444	07/02/21 13:30:00	5.44	27.74					5.527665089	70.47289368			0.09	1.61	Excellent
4445	07/02/21 14:00:00	5.44	27.74					5.528025533	70.47748903			0.09	1.62	Excellent
4446	07/02/21 14:30:00	5.59	27.78					5.680823091	72.4769757			0.09	1.62	Excellent
4447	07/02/21 15:00:00	5.54	27.80					5.63037779	71.85888635			0.09	1.63	Excellent
4448	07/02/21 15:30:00	5.64	27.84					5.732382853	73.21268104			0.09	1.64	Excellent
4449	07/02/21 16:00:00	5.61	27.84					5.702263163	72.82799926			0.09	1.64	Excellent
4450	07/02/21 16:30:00	5.59	27.86					5.682304622	72.59883698			0.09	1.65	Excellent
4451	07/02/21 17:00:00	5.64	27.90					5.73350394	73.30493366			0.09	1.66	Excellent
4452	07/02/21 17:30:00	5.64	27.92					5.733877636	73.33569635			0.09	1.66	Excellent
4453	07/02/21 18:00:00	5.65	27.92					5.744418444	73.47051219			0.09	1.67	Excellent
4454	07/02/21 18:30:00	5.64	27.96					5.734625027	73.39723947			0.09	1.68	Excellent
4455	07/02/21 19:00:00	5.64	28.02					5.734998723	73.48002255			0.09	1.68	Excellent
4456	07/02/21 19:30:00	5.63	28.06					5.725203319	73.4064423			0.10	1.69	Excellent
4457	07/02/21 20:00:00	5.60	28.08					5.695067064	73.04587548			0.10	1.70	Excellent
4458	07/02/21 20:30:00	5.63	28.12					5.725949385	73.49392326			0.10	1.70	Excellent
4459	07/02/21 21:00:00	5.57	28.16					5.665295891	72.76682708			0.10	1.71	Excellent
4460	07/02/21 21:30:00	5.55	28.16					5.645321448	72.5102691			0.10	1.72	Excellent
4461	07/02/21 22:00:00	5.49	28.16					5.584654703	71.73104651			0.09	1.72	Excellent
4462	07/02/21 22:30:00	5.37	28.14					5.462941554	70.14293878			0.09	1.73	Excellent
4463	07/02/21 23:00:00	5.28	28.10					5.371733717	68.92311338			0.09	1.74	Excellent
4464	07/02/21 23:30:00	5.09	28.08				6.058	5.178769947	66.42376296		6.173	0.09	1.74	Excellent
4465	07/03/21 00:00:00	5.20	28.06	4.27	5.28	5.02854		5.291032896	67.8396695	5.124		0.09	1.75	Excellent
4466	07/03/21 00:30:00	5.20	28.06					5.291377438	67.8440871			0.09	1.76	Excellent
4467	07/03/21 01:00:00	5.16	28.06					5.251016427	67.32659311			0.09	1.76	Excellent
4468	07/03/21 01:30:00	5.11	28.04					5.200473064	66.65496113			0.09	1.77	Excellent
4469	07/03/21 02:00:00	5.12	28.02					5.210989356	66.76612042			0.09	1.78	Excellent
4470	07/03/21 02:30:00	5.10	28.00					5.190971845	66.48610888			0.09	1.78	Excellent
4471	07/03/21 03:00:00	5.09	28.00					5.181130723	66.36006351			0.09	1.79	Excellent
4472	07/03/21 03:30:00	5.04	27.98					5.13056947	65.68921378			0.09	1.80	Excellent
4473	07/03/21 04:00:00	5.11	27.94					5.202165958	66.55873703			0.09	1.80	Excellent
4474	07/03/21 04:30:00	4.98	27.92					5.070151192	64.84670443			0.09	1.81	Excellent
4475	07/03/21 05:00:00	5.28	27.92					5.37593183	68.75760686			0.10	1.82	Excellent
4476	07/03/21 05:30:00	5.06	27.92					5.152269936	65.89699459			0.09	1.82	Excellent
4477	07/03/21 06:00:00	5.07	27.90					5.162788217	66.00812552			0.09	1.83	Excellent
4478	07/03/21 06:30:00	5.11	27.88					5.203858852	66.50964792			0.09	1.84	Excellent
4479	07/03/21 07:00:00	5.18	27.86					5.275487807	67.40122271			0.10	1.84	Excellent
4480	07/03/21 07:30:00	5.20	27.84					5.296201028	67.64186666			0.10	1.85	Excellent
4481	07/03/21 08:00:00	5.18	27.82					5.276174241	67.36218776			0.10	1.86	Excellent
4482	07/03/21 08:30:00	5.18	27.80					5.276517458	67.34266909			0.10	1.86	Excellent
4483	07/03/21 09:00:00	5.19	27.80					5.287047665	67.47706308			0.10	1.87	Excellent
4484	07/03/21 09:30:00	5.21	27.80					5.307766849	67.74149604			0.10	1.88	Excellent
4485	07/03/21 10:00:00	5.16	27.80					5.257170479	67.09574918			0.10	1.88	Excellent
4486	07/03/21 10:30:00	5.15	27.78					5.247323393	66.9463076			0.10	1.89	Excellent
4487	07/03/21 11:00:00	5.14	27.78					5.237474982	66.82065978			0.10	1.90	Excellent
4488	07/03/21 11:30:00	5.08	27.78					5.176673733	66.04494637			0.10	1.90	Excellent
4489	07/03/21 12:00:00	5.02	27.76					5.115864533	65.24596308			0.10	1.91	Excellent
4490	07/03/21 12:30:00	4.98	27.74					5.075430638	64.70730009			0.10	1.92	Excellent
4491	07/03/21 13:00:00	4.98	27.74					5.075760603	64.71150686			0.10	1.92	Excellent
4492	07/03/21 13:30:00	5.07	27.74					5.167827145	65.88527472			0.10	1.93	Excellent
4493	07/03/21 14:00:00	5.03	27.74					5.127388611	65.36971879			0.10	1.94	Excellent
4494	07/03/21 14:30:00	5.05	27.74					5.148110446	65.63390405			0.10	1.94	Excellent
4495	07/03/21 15:00:00	5.05	27.74					5.148445049	65.63816995			0.10	1.95	Excellent
4496	07/03/21 15:30:00	5.05	27.72					5.148779653	65.61912285			0.10	1.96	Excellent
4497	07/03/21 16:00:00	5.00	27.70					5.098132927	64.95056926			0.10	1.96	Excellent
4498	07/03/21 16:30:00	5.00	27.68					5.098464217	64.93170917			0.10	1.97	Excellent
4499	07/03/21 17:00:00	4.96	27.68					5.058005144	64.41644091			0.10	1.98	Excellent
4500	07/03/21 17:30:00	4.98	27.70					5.078730291	64.70337832			0.10	1.98	Excellent
4501	07/03/21 18:00:00	4.96	27.72					5.058662424	64.47061507			0.10	1.99	Excellent
4502	07/03/21 18:30:00	4.96	27.72					5.058991064	64.47480345			0.10	2.00	Excellent
4503	07/03/21 19:00:00	4.94	27.76					5.038919222	64.26462925			0.10	2.00	Excellent
4504	07/03/21 19:30:00	4.96	27.78					5.059648344	64.55191514			0.10	2.01	Excellent
4505	07/03/21 20:00:00	4.93	27.76					5.029372285	64.14287093			0.10	2.02	Excellent
4506	07/03/21 20:30:00	4.88	27.76					4.978687792	63.49645847			0.10	2.02	Excellent
4507	07/03/21 21:00:00	4.87	27.76					4.96880824	63.37045809			0.10	2.03	Excellent
4508	07/03/21 21:30:00	4.83	27.76					4.9283167	62.85404302			0.10	2.04	Excellent
4509	07/03/21 22:00:00	4.83	27.76					4.928636727	62.85812453			0.10	2.04	Excellent
4510	07/03/21 22:30:00	4.79	27.74					4.888137236	62.31947308			0.10	2.05	Excellent
4511	07/03/21 23:00:00	4.68	27.72					4.77619365	60.87066431			0.10	2.06	Excellent
4512	07/03/21 23:30:00	4.27	27.72				5.930	4.358049351	55.54158364		6.044	0.09	2.06	Excellent
4513	07/04/21 00:00:00	4.11	27.70	4.08	5.34	4.71813		4.195022398	53.4448781	4.823		0.09	2.07	Excellent
4514	07/04/21 00:30:00	4.40	27.68					4.491313081	57.1993099			0.09	2.08	Excellent
4515	07/04/21 01:00:00	4.14	27.66					4.226191617	53.80371401			0.09	2.08	Excellent

4516	07/04/21 01:30:00	4.17	27.66					4.25709249	54.19711353			0.09	2.09	Excellent
4517	07/04/21 02:00:00	4.40	27.66					4.492187688	57.19011431			0.09	2.10	Excellent
4518	07/04/21 02:30:00	4.47	27.66					4.563950484	58.10372763			0.09	2.10	Excellent
4519	07/04/21 03:00:00	4.36	27.64					4.451927389	56.65740978			0.09	2.11	Excellent
4520	07/04/21 03:30:00	4.38	27.64					4.472639285	56.92099951			0.09	2.12	Excellent
4521	07/04/21 04:00:00	4.24	27.62					4.329959146	55.08558605			0.09	2.12	Excellent
4522	07/04/21 04:30:00	4.23	27.60					4.32002725	54.93968355			0.09	2.13	Excellent
4523	07/04/21 05:00:00	4.15	27.58					4.238599578	53.88495313			0.09	2.13	Excellent
4524	07/04/21 05:30:00	4.21	27.58					4.300159482	54.66755892			0.09	2.14	Excellent
4525	07/04/21 06:00:00	4.23	27.56					4.320868065	54.91127601			0.09	2.15	Excellent
4526	07/04/21 06:30:00	4.08	27.56					4.167916126	52.96750314			0.09	2.15	Excellent
4527	07/04/21 07:00:00	4.53	27.54					4.627912907	58.79238504			0.10	2.16	Excellent
4528	07/04/21 07:30:00	4.52	27.52					4.61799625	58.64551547			0.10	2.17	Excellent
4529	07/04/21 08:00:00	4.53	27.54					4.628513205	58.80001115			0.10	2.17	Excellent
4530	07/04/21 08:30:00	4.65	27.56					4.751430927	60.38303673			0.10	2.18	Excellent
4531	07/04/21 09:00:00	4.68	27.56					4.782395408	60.77654543			0.10	2.19	Excellent
4532	07/04/21 09:30:00	4.71	27.58					4.813363864	61.19188224			0.10	2.19	Excellent
4533	07/04/21 10:00:00	4.67	27.58					4.772795465	60.67613965			0.10	2.20	Excellent
4534	07/04/21 10:30:00	4.63	27.58					4.732221765	60.16032968			0.10	2.21	Excellent
4535	07/04/21 11:00:00	4.61	27.58					4.712085652	59.90434101			0.10	2.21	Excellent
4536	07/04/21 11:30:00	4.62	27.58					4.722613208	60.03817693			0.10	2.22	Excellent
4537	07/04/21 12:00:00	4.64	27.58					4.743364859	60.30199088			0.10	2.23	Excellent
4538	07/04/21 12:30:00	4.67	27.60					4.774342592	60.71741125			0.10	2.23	Excellent
4539	07/04/21 13:00:00	4.57	27.56					4.672411074	59.37882164			0.10	2.24	Excellent
4540	07/04/21 13:30:00	4.60	27.54					4.703388144	59.75121233			0.10	2.25	Excellent
4541	07/04/21 14:00:00	4.55	27.54					4.652565835	59.10557252			0.10	2.25	Excellent
4542	07/04/21 14:30:00	4.64	27.56					4.744902047	60.30006518			0.10	2.26	Excellent
4543	07/04/21 15:00:00	4.73	27.58					4.837250186	61.49554699			0.11	2.27	Excellent
4544	07/04/21 15:30:00	4.93	27.64					5.04211173	64.16838494			0.11	2.27	Excellent
4545	07/04/21 16:00:00	5.18	27.80					5.298140126	67.61863296			0.12	2.28	Excellent
4546	07/04/21 16:30:00	5.30	27.86					5.42122813	69.26324502			0.12	2.29	Excellent
4547	07/04/21 17:00:00	5.32	27.88					5.442038088	69.55377681			0.12	2.29	Excellent
4548	07/04/21 17:30:00	5.33	27.88					5.452620639	69.68903062			0.12	2.30	Excellent
4549	07/04/21 18:00:00	5.31	27.88					5.432512354	69.43203001			0.12	2.31	Excellent
4550	07/04/21 18:30:00	5.34	27.88					5.463558333	69.82882345			0.12	2.31	Excellent
4551	07/04/21 19:00:00	5.34	27.88					5.463912151	69.83334555			0.12	2.32	Excellent
4552	07/04/21 19:30:00	5.23	27.82					5.351706183	68.32652227			0.12	2.33	Excellent
4553	07/04/21 20:00:00	5.13	27.74					5.249719009	66.92932434			0.12	2.33	Excellent
4554	07/04/21 20:30:00	5.18	27.76					5.301229078	67.61003824			0.12	2.34	Excellent
4555	07/04/21 21:00:00	5.19	27.78					5.311806991	67.76900108			0.12	2.35	Excellent
4556	07/04/21 21:30:00	5.10	27.70					5.220032647	66.5035802			0.12	2.35	Excellent
4557	07/04/21 22:00:00	5.10	27.66					5.220370563	66.4606223			0.12	2.36	Excellent
4558	07/04/21 22:30:00	5.05	27.68					5.169525063	65.83670761			0.12	2.37	Excellent
4559	07/04/21 23:00:00	5.17	27.78					5.292707817	67.52533034			0.12	2.37	Excellent
4560	07/04/21 23:30:00	5.15	27.80				5.690	5.272574354	67.2923444		5.797	0.12	2.38	Excellent
4561	07/05/21 00:00:00	4.65	27.80	4.30	5.67	5.14542		4.760982032	60.76303927	5.277		0.11	2.39	Excellent
4562	07/05/21 00:30:00	4.51	27.76					4.617939461	58.8955993			0.11	2.39	Excellent
4563	07/05/21 01:00:00	4.58	27.76					4.689918259	59.81359193			0.11	2.40	Excellent
4564	07/05/21 01:30:00	4.55	27.74					4.659499744	59.4045451			0.11	2.41	Excellent
4565	07/05/21 02:00:00	4.41	27.70					4.51642272	57.53954063			0.11	2.41	Excellent
4566	07/05/21 02:30:00	4.30	27.70					4.404053095	56.10794376			0.10	2.42	Excellent
4567	07/05/21 03:00:00	4.65	27.72					4.762830633	60.70035804			0.11	2.43	Excellent
4568	07/05/21 03:30:00	4.93	27.74					5.049951388	64.38246194			0.12	2.43	Excellent
4569	07/05/21 04:00:00	4.82	27.76					4.937594352	62.97236698			0.12	2.44	Excellent
4570	07/05/21 04:30:00	4.68	27.78					4.794488836	61.16896184			0.11	2.45	Excellent
4571	07/05/21 05:00:00	4.81	27.78					4.927987783	62.87216572			0.12	2.45	Excellent
4572	07/05/21 05:30:00	4.98	27.80					5.102487795	65.12157874			0.12	2.46	Excellent
4573	07/05/21 06:00:00	5.29	27.80					5.420463042	69.17980503			0.13	2.47	Excellent
4574	07/05/21 06:30:00	5.35	27.76					5.482297255	69.91931901			0.13	2.47	Excellent
4575	07/05/21 07:00:00	5.19	27.70					5.318684581	67.76041273			0.13	2.48	Excellent
4576	07/05/21 07:30:00	5.02	27.66					5.144802095	65.49855891			0.12	2.49	Excellent
4577	07/05/21 08:00:00	5.05	27.66					5.175882528	65.8942444			0.13	2.49	Excellent
4578	07/05/21 08:30:00	5.11	27.66					5.23771674	66.68145677			0.13	2.50	Excellent
4579	07/05/21 09:00:00	5.06	27.62					5.186802332	65.98631455			0.13	2.51	Excellent
4580	07/05/21 09:30:00	4.82	27.58					4.941107356	62.8158743			0.12	2.51	Excellent
4581	07/05/21 10:00:00	4.72	27.54					4.838907494	61.47283197			0.12	2.52	Excellent
4582	07/05/21 10:30:00	4.91	27.58					5.034019351	63.99705653			0.12	2.53	Excellent
4583	07/05/21 11:00:00	4.92	27.58					5.044597926	64.13154105			0.12	2.53	Excellent
4584	07/05/21 11:30:00	4.99	27.58					5.116701289	65.04818492			0.13	2.54	Excellent
4585	07/05/21 12:00:00	5.02	27.58					5.147795636	65.44348468			0.13	2.55	Excellent
4586	07/05/21 12:30:00	5.04	27.58					5.168638723	65.70846106			0.13	2.55	Excellent
4587	07/05/21 13:00:00	5.12	27.58					5.251019849	66.75576525			0.13	2.56	Excellent
4588	07/05/21 13:30:00	5.21	27.58					5.343668136	67.933595			0.13	2.57	Excellent
4589	07/05/21 14:00:00	5.31	27.64					5.446585574	69.31591731			0.14	2.57	Excellent
4590	07/05/21 14:30:00	5.41	27.66					5.549516264	70.65098155			0.14	2.58	Excellent
4591	07/05/21 15:00:00	5.50	27.72					5.642201656	71.90758754			0.14	2.59	Excellent
4592	07/05/21 15:30:00	5.64	27.76					5.78619503	73.79512591			0.15	2.59	Excellent
4593	07/05/21 16:00:00	5.66	27.78					5.807088473	74.08789245			0.15	2.60	Excellent
4594	07/05/21 16:30:00	5.67	27.78					5.81772403	74.22358282			0.15	2.61	Excellent
4595	07/05/21 17:00:00	5.64	27.78					5.787316117	73.83563313			0.15	2.61	Excellent
4596	07/05/21 17:30:00	5.67	27.78					5.818475397	74.23316889			0.15	2.62	Excellent
4597	07/05/21 18:00:00	5.67	27.80					5.81885108	74.26431655			0.15	2.63	Excellent
4598	07/05/21 18:30:00	5.65	27.80					5.798700391	74.00713912			0.15	2.63	Excellent
4599	07/05/21 19:00:00	5.67	27.80					5.819602447	74.27390603			0.15	2.64	Excellent
4600	07/05/21 19:30:00	5.59	27.78					5.737862037	73.20468897			0.15	2.65	Excellent
4601	07/05/21 20:00:00	5.54	27.78					5.686906549	72.55458956			0.15	2.65	Excellent
4602	07/05/21 20:30:00	5.44	27.74					5.58461525	71.1989584			0.14	2.66	Excellent
4603	07/05/21 21:00:00	5.48	27.76					5.626041692	71.75258573			0.15	2.66	Excellent
4604	07/05/21 21:30:00	5.45	27.76					5.5956033	71.36438504			0.15	2.67	Excellent
4605	07/05/21 22:00:00	5.39	27.76					5.534357459	70.58327681			0.14	2.68	Excellent
4606	07/05/21 22:30:00	5.38	27.76					5.524446103	70.45687081			0.14	2.68	Excellent
4607	07/05/21 23:00:00	5.29	27.76					5.432380224	69.2826945			0.14	2.69	Excellent
4608	07/05/21 23:30:00	5.24	27.76				5.538	5.381381667	68.63227658		5.636	0.14	2.70	Excellent
4609	07/06/21 00:00:00	5.20	27.76	4.47	6.58	5.71063		5.34064696	68.11276025	5.769		0.14	2.70	Excellent
4610	07/06/21 00:30:00	4.75	27.74					4.878790314	62.20030801			0.13	2.71	Excellent
4611	07/06/21 01:00:00	4.47	27.72					4.591494638	58.5167498			0.12	2.72	Excellent
4612	07/06/21 01:30:00	4.65	27.72					4.77669514	60.8770556			0.13	2.72	Excellent
4613	07/06/21 02:00:00	4.57	27.72					4.694818238	59.83356746			0.12	2.73	Excellent
4614	07/06/21 02:30:00	4.87	27.74					5.003334672	63.78813961			0.13	2.74	Excellent
4615	07/06/21 03:00:00	5.09	27.74					5.229695258	66.67403903			0.14	2.74	Excellent
4616	07/06/21 03:30:00	5.08	27.74					5.219757399	66.54734002			0.14	2.75	Excellent
4617	07/06/21 04:00:00	5.09	27.72					5.230369766	66.65895597			0.14	2.76	Excellent
4618	07/06/21 04:30:00	5.34	27.70					5.487617973	69.91263593			0.15	2.76	Excellent
4619	07/06/21 05:00:00	5.41	27.68					5.559911497	70.80849074			0.15	2.77	Excellent
4620	07/06/21 05:30:00	5.42	27.66					5.570547716	70.91873332			0.15	2.78	Excellent
4621	07/06/21 06:00:00	5.35	27.62					5.498957854	69.95754598			0.15	2.78	Excellent
4622	07/06/21 06:30:00	5.29	27.60					5.437637804	69.15282773			0.15	2.79	Excellent
4623	07/06/21 07:00:00	5.27	27.58					5.417428807	68.87130808			0.15	2.80	Excellent
4624	07/06/21 07:30:00	5.27	27.58					5.417777987	68.87574718			0.15	2.80	Excellent
4625	07/06/21 08:00:00	5.27	27.54					5.418127167	68.83116104			0.15	2.81	Excellent
4626	07/06/21 08:30:00	5.32	27.50					5.469885042	69.43920201			0.15	2.82	Excellent
4627	07/06/21 09:00:00	5.33	27.46					5.480519936	69.52463916			0.15	2.82	Excellent
4628	07/06/21 09:30:00	5.39	27.44					5.542571475	70.28674848			0.15	2.83	Excellent
4629	07/06/21 10:00:00	5.45	27.44					5.604630966	71.07374054			0.15	2.84	Excellent
4630	07/06/21 10:30:00	5.45	27.44					5.604992072	71.07831983			0.15	2.84	Excellent
4631	07/06/21 11:00:00	5.58	27.46					5.739058851	72.8044055			0.16	2.85	Excellent

4632	07/06/21 11:30:00	5.60	27.44					5.76	73.0440145			0.16	2.86	Excellent
4633	07/06/21 12:00:00	5.73	27.54					5.70	72.01208114			-0.03	-0.52	Excellent
4634	07/06/21 12:30:00	5.78	27.44					5.750210297	72.51719797			-0.03	-0.52	Excellent
4635	07/06/21 13:00:00	5.84	27.44					5.810378039	73.27598693			-0.03	-0.51	Excellent
4636	07/06/21 13:30:00	5.89	27.44					5.860605488	73.90941661			-0.03	-0.50	Excellent
4637	07/06/21 14:00:00	5.90	27.42					5.871037461	74.01459592			-0.03	-0.49	Excellent
4638	07/06/21 14:30:00	5.96	27.46					5.931229705	74.82672812			-0.03	-0.48	Excellent
4639	07/06/21 15:00:00	5.97	27.48					5.941669028	74.9851307			-0.03	-0.47	Excellent
4640	07/06/21 15:30:00	6.10	27.58					6.071550319	76.76073236			-0.03	-0.47	Excellent
4641	07/06/21 16:00:00	6.24	27.68					6.211407023	78.66857889			-0.03	-0.46	Excellent
4642	07/06/21 16:30:00	6.27	27.74					6.241781654	79.13752965			-0.03	-0.45	Excellent
4643	07/06/21 17:00:00	6.32	27.74					6.292072809	79.77515493			-0.03	-0.44	Excellent
4644	07/06/21 17:30:00	6.38	27.74					6.35232876	80.53912062			-0.03	-0.43	Excellent
4645	07/06/21 18:00:00	6.47	27.78					6.442466845	81.73993899			-0.03	-0.43	Excellent
4646	07/06/21 18:30:00	6.58	27.76					6.552536156	83.10697273			-0.03	-0.42	Excellent
4647	07/06/21 19:00:00	6.52	27.68					6.493319102	82.23904571			-0.03	-0.41	Excellent
4648	07/06/21 19:30:00	6.49	27.64					6.463971933	81.80920587			-0.03	-0.40	Excellent
4649	07/06/21 20:00:00	6.46	27.62					6.434619864	81.40878052			-0.03	-0.39	Excellent
4650	07/06/21 20:30:00	6.46	27.58					6.43514748	81.35757878			-0.02	-0.38	Excellent
4651	07/06/21 21:00:00	6.37	27.46					6.346013987	80.05953013			-0.02	-0.38	Excellent
4652	07/06/21 21:30:00	6.26	27.38					6.23693947	78.57138283			-0.02	-0.37	Excellent
4653	07/06/21 22:00:00	6.29	27.36					6.267342687	78.92624137			-0.02	-0.36	Excellent
4654	07/06/21 22:30:00	6.41	27.36					6.387433965	80.43858139			-0.02	-0.35	Excellent
4655	07/06/21 23:00:00	6.48	27.38					6.457716784	81.35267948			-0.02	-0.34	Excellent
4656	07/06/21 23:30:00	6.43	27.36				5.485	6.408413888	80.7027869		5.573	-0.02	-0.34	Excellent
4657	07/07/21 00:00:00	6.44	27.34	6.36	7.36	6.79792		6.418906299	80.80608887	6.789		-0.02	-0.33	Excellent
4658	07/07/21 00:30:00	6.40	27.32					6.379560031	80.2821158			-0.02	-0.32	Excellent
4659	07/07/21 01:00:00	6.38	27.30					6.360144988	80.00922924			-0.02	-0.31	Excellent
4660	07/07/21 01:30:00	6.38	27.28					6.36066607	79.98722227			-0.02	-0.30	Excellent
4661	07/07/21 02:00:00	6.36	27.24					6.341246126	79.68606905			-0.02	-0.29	Excellent
4662	07/07/21 02:30:00	6.39	27.22					6.371679563	80.03990151			-0.02	-0.29	Excellent
4663	07/07/21 03:00:00	6.41	27.22					6.392145754	80.29699415			-0.02	-0.28	Excellent
4664	07/07/21 03:30:00	6.46	27.16					6.442534101	80.84321472			-0.02	-0.27	Excellent
4665	07/07/21 04:00:00	6.49	27.14					6.472983057	81.19625148			-0.02	-0.26	Excellent
4666	07/07/21 04:30:00	6.54	27.12					6.523386105	81.79922964			-0.02	-0.25	Excellent
4667	07/07/21 05:00:00	6.53	27.10					6.513944842	81.65161602			-0.02	-0.25	Excellent
4668	07/07/21 05:30:00	6.51	27.10					6.494525715	81.4081993			-0.02	-0.24	Excellent
4669	07/07/21 06:00:00	6.52	27.08					6.505034461	81.51074199			-0.01	-0.23	Excellent
4670	07/07/21 06:30:00	6.53	27.08					6.515544841	81.64244134			-0.01	-0.22	Excellent
4671	07/07/21 07:00:00	6.51	27.06					6.496120813	81.36990966			-0.01	-0.21	Excellent
4672	07/07/21 07:30:00	6.56	27.06					6.546549998	82.00158174			-0.01	-0.21	Excellent
4673	07/07/21 08:00:00	6.57	27.08					6.557066095	82.16271963			-0.01	-0.20	Excellent
4674	07/07/21 08:30:00	6.59	27.10					6.577564956	82.44908748			-0.01	-0.19	Excellent
4675	07/07/21 09:00:00	6.60	27.10					6.588085136	82.58095685			-0.01	-0.18	Excellent
4676	07/07/21 09:30:00	6.60	27.12					6.588624186	82.61727486			-0.01	-0.17	Excellent
4677	07/07/21 10:00:00	6.60	27.14					6.589163237	82.65360044			-0.01	-0.16	Excellent
4678	07/07/21 10:30:00	6.61	27.16					6.599686684	82.81522135			-0.01	-0.16	Excellent
4679	07/07/21 11:00:00	6.62	27.18					6.610211765	82.97695996			-0.01	-0.15	Excellent
4680	07/07/21 11:30:00	6.63	27.20					6.62073848	83.1388163			-0.01	-0.14	Excellent
4681	07/07/21 12:00:00	6.66	27.22					6.651240523	83.5516964			-0.01	-0.13	Excellent
4682	07/07/21 12:30:00	6.70	27.24					6.691735132	84.09042279			-0.01	-0.12	Excellent
4683	07/07/21 13:00:00	6.76	27.30					6.752213236	84.94136183			-0.01	-0.12	Excellent
4684	07/07/21 13:30:00	6.84	27.38					6.832679737	86.07636774			-0.01	-0.11	Excellent
4685	07/07/21 14:00:00	6.86	27.44					6.853218618	86.42748449			-0.01	-0.10	Excellent
4686	07/07/21 14:30:00	6.92	27.52					6.913724492	87.31483			-0.01	-0.09	Excellent
4687	07/07/21 15:00:00	7.12	27.64					7.11412464	90.03765691			-0.01	-0.08	Excellent
4688	07/07/21 15:30:00	7.17	27.68					7.164668985	90.74181182			-0.01	-0.07	Excellent
4689	07/07/21 16:00:00	7.16	27.68					7.155261208	90.62266065			0.00	-0.07	Excellent
4690	07/07/21 16:30:00	7.17	27.72					7.165840194	90.82112463			0.00	-0.06	Excellent
4691	07/07/21 17:00:00	7.26	27.78					7.256380934	92.06661812			0.00	-0.05	Excellent
4692	07/07/21 17:30:00	7.25	27.76					7.246978057	91.91470195			0.00	-0.04	Excellent
4693	07/07/21 18:00:00	7.36	27.80					7.35753333	93.38312328			0.00	-0.03	Excellent
4694	07/07/21 18:30:00	7.32	27.78					7.318144592	92.85025546			0.00	-0.03	Excellent
4695	07/07/21 19:00:00	7.20	27.72					7.198763063	91.23839489			0.00	-0.02	Excellent
4696	07/07/21 19:30:00	7.21	27.76					7.209350216	91.4374614			0.00	-0.01	Excellent
4697	07/07/21 20:00:00	7.12	27.74					7.119939848	90.27141321			0.00	0.00	Excellent
4698	07/07/21 20:30:00	7.29	27.80					7.290533818	92.53275354			0.00	0.01	Excellent
4699	07/07/21 21:00:00	7.25	27.82					7.251123027	92.06518515			0.00	0.02	Excellent
4700	07/07/21 21:30:00	7.23	27.80					7.231710434	91.78615668			0.00	0.02	Excellent
4701	07/07/21 22:00:00	7.12	27.80					7.122265932	90.39706757			0.00	0.03	Excellent
4702	07/07/21 22:30:00	7.03	27.76					7.03281146	89.19838919			0.00	0.04	Excellent
4703	07/07/21 23:00:00	7.02	27.76					7.023380814	89.07877864			0.00	0.05	Excellent
4704	07/07/21 23:30:00	7.05	27.80				5.578	7.053971065	89.53025696		5.656	0.00	0.06	Excellent
4705	07/08/21 00:00:00	7.04	27.84	6.27	7.36	7.03938		7.04454042	89.47398549	7.058		0.00	0.06	Excellent
4706	07/08/21 00:30:00	7.09	27.92					7.095151737	90.24460493			0.01	0.07	Excellent
4707	07/08/21 01:00:00	6.93	27.92					6.935601481	88.21525441			0.01	0.08	Excellent
4708	07/08/21 01:30:00	7.15	27.96					7.156363277	91.08763408			0.01	0.09	Excellent
4709	07/08/21 02:00:00	7.21	28.02					7.217005547	91.95704566			0.01	0.10	Excellent
4710	07/08/21 02:30:00	7.19	28.04					7.197573352	91.74187968			0.01	0.11	Excellent
4711	07/08/21 03:00:00	6.48	28.02					6.487354746	82.6600413			0.01	0.11	Excellent
4712	07/08/21 03:30:00	6.47	28.02					6.477871828	82.53921265			0.01	0.12	Excellent
4713	07/08/21 04:00:00	6.54	27.98					6.548491145	83.38001522			0.01	0.13	Excellent
4714	07/08/21 04:30:00	6.34	27.96					6.348749292	80.80816051			0.01	0.14	Excellent
4715	07/08/21 05:00:00	6.27	27.94					6.279164788	79.89419079			0.01	0.15	Excellent
4716	07/08/21 05:30:00	6.99	27.98					7.000788108	89.13897966			0.01	0.15	Excellent
4717	07/08/21 06:00:00	7.20	28.06					7.211700269	91.95444487			0.01	0.16	Excellent
4718	07/08/21 06:30:00	7.20	28.06					7.212288323	91.961943			0.01	0.17	Excellent
4719	07/08/21 07:00:00	7.16	28.02					7.172804843	91.39385278			0.01	0.18	Excellent
4720	07/08/21 07:30:00	7.17	28.00					7.183408331	91.49659283			0.01	0.19	Excellent
4721	07/08/21 08:00:00	7.07	27.98					7.083798762	90.19592995			0.01	0.20	Excellent
4722	07/08/21 08:30:00	7.10	27.98					7.114437202	90.58604021			0.01	0.20	Excellent
4723	07/08/21 09:00:00	7.14	27.96					7.155101692	91.07157638			0.02	0.21	Excellent
4724	07/08/21 09:30:00	7.16	27.96					7.175728782	91.33412213			0.02	0.22	Excellent
4725	07/08/21 10:00:00	7.08	27.94					7.096131295	90.28902516			0.02	0.23	Excellent
4726	07/08/21 10:30:00	6.90	27.90					6.91628473	87.9384129			0.02	0.24	Excellent
4727	07/08/21 11:00:00	6.89	27.88					6.906823865	87.78701849			0.02	0.24	Excellent
4728	07/08/21 11:30:00	6.79	27.88					6.807134255	86.51994498			0.02	0.25	Excellent
4729	07/08/21 12:00:00	6.87	27.92					6.887897234	87.60849488			0.02	0.26	Excellent
4730	07/08/21 12:30:00	6.95	27.94					6.96867328	88.66728799			0.02	0.27	Excellent
4731	07/08/21 13:00:00	6.94	27.96					6.959213232	88.57826858			0.02	0.28	Excellent
4732	07/08/21 13:30:00	7.09	28.00					7.110207574	90.56421929			0.02	0.29	Excellent
4733	07/08/21 14:00:00	7.14	28.02					7.160933236	91.24258812			0.02	0.29	Excellent
4734	07/08/21 14:30:00	7.10	28.02					7.12139585	90.73881392			0.02	0.30	Excellent
4735	07/08/21 15:00:00	7.08	28.02					7.101913834	90.49057958			0.02	0.31	Excellent
4736	07/08/21 15:30:00	7.11	28.04					7.132587393	90.91355412			0.02	0.32	Excellent
4737	07/08/21 16:00:00	7.19	28.08					7.213428779	92.00899593			0.02	0.33	Excellent
4738	07/08/21 16:30:00	7.30	28.12					7.324383439	93.49028126			0.02	0.33	Excellent
4739	07/08/21 17:00:00	7.36	28.16					7.385184974	94.33296079			0.03	0.34	Excellent
4740	07/08/21 17:30:00	7.32	28.16					7.345645955	93.82791823			0.03	0.35	Excellent
4741	07/08/21 18:00:00	7.35	28.20					7.376351367	94.28665341			0.03	0.36	Excellent
4742	07/08/21 18:30:00	7.31	28.22					7.336804997	93.81425012			0.03	0.37	Excellent
4743	07/08/21 19:00:00	7.26	28.22					7.287214608	93.18014778			0.03	0.37	Excellent
4744	07/08/21 19:30:00	7.13	28.18					7.157309631	91.45452155			0.03	0.38	Excellent
4745	07/08/21 20:00:00	7.10	28.18					7.127774611	91.07712958			0.03	0.39	Excellent
4746	07/08/21 20:30:00	7.06	28.22					7.088194755	90.63532095			0.03	0.40	Excellent
4747	07/08/21 21:00:00	7.11	28.28					7.138975139	91.38125116			0.03	0.41	Excellent

4748	07/08/21 21:30:00	7.17	28.32					7.199805259	92.22486935			0.03	0.42	Excellent
4749	07/08/21 22:00:00	7.14	28.36					7.170263705	91.91117963			0.03	0.42	Excellent
4750	07/08/21 22:30:00	7.11	28.36					7.140717251	91.53244189			0.03	0.43	Excellent
4751	07/08/21 23:00:00	7.05	28.36					7.081033838	90.7673971			0.03	0.44	Excellent
4752	07/08/21 23:30:00	7.09	28.38				5.719	7.121788987	91.32195742		5.789	0.03	0.45	Excellent
4753	07/09/21 00:00:00	7.04	28.36	6.23	7.27	6.74021		7.072139792	90.65338982	6.784		0.03	0.46	Excellent
4754	07/09/21 00:30:00	6.92	28.36					6.95215714	89.11540635			0.03	0.46	Excellent
4755	07/09/21 01:00:00	6.42	28.34					6.450357996	82.65404142			0.03	0.47	Excellent
4756	07/09/21 01:30:00	6.37	28.32					6.400641829	81.98810039			0.03	0.48	Excellent
4757	07/09/21 02:00:00	6.32	28.32					6.350917493	81.35116368			0.03	0.49	Excellent
4758	07/09/21 02:30:00	6.67	28.32					6.703174464	85.86334864			0.03	0.50	Excellent
4759	07/09/21 03:00:00	6.28	28.30					6.311747642	80.82094248			0.03	0.51	Excellent
4760	07/09/21 03:30:00	6.53	28.28					6.563544814	84.01555202			0.03	0.51	Excellent
4761	07/09/21 04:00:00	6.33	28.26					6.363034406	81.42024583			0.03	0.52	Excellent
4762	07/09/21 04:30:00	6.28	28.24					6.313286385	80.75519988			0.03	0.53	Excellent
4763	07/09/21 05:00:00	6.32	28.24					6.354014582	81.27616685			0.03	0.54	Excellent
4764	07/09/21 05:30:00	6.34	28.22					6.374640038	81.51124027			0.03	0.55	Excellent
4765	07/09/21 06:00:00	6.23	28.22					6.264547859	80.10351372			0.03	0.55	Excellent
4766	07/09/21 06:30:00	6.72	28.24					6.757813957	86.44128961			0.04	0.56	Excellent
4767	07/09/21 07:00:00	6.70	28.20					6.738248633	86.13023999			0.04	0.57	Excellent
4768	07/09/21 07:30:00	6.83	28.24					6.869548606	87.87052209			0.04	0.58	Excellent
4769	07/09/21 08:00:00	6.82	28.28					6.860047721	87.81088763			0.04	0.59	Excellent
4770	07/09/21 08:30:00	6.80	28.30					6.840485664	87.59135024			0.04	0.60	Excellent
4771	07/09/21 09:00:00	6.81	28.32					6.851101403	87.75819749			0.04	0.60	Excellent
4772	07/09/21 09:30:00	6.76	28.32					6.801351749	87.12093645			0.04	0.61	Excellent
4773	07/09/21 10:00:00	6.78	28.32					6.822027843	87.3857839			0.04	0.62	Excellent
4774	07/09/21 10:30:00	6.80	28.32					6.842707204	87.6506732			0.04	0.63	Excellent
4775	07/09/21 11:00:00	6.77	28.32					6.813071725	87.27106179			0.04	0.64	Excellent
4776	07/09/21 11:30:00	6.74	28.32					6.783431345	86.89138761			0.04	0.64	Excellent
4777	07/09/21 12:00:00	6.78	28.32					6.824242849	87.41415671			0.04	0.65	Excellent
4778	07/09/21 12:30:00	6.78	28.34					6.824796601	87.45204859			0.04	0.66	Excellent
4779	07/09/21 13:00:00	6.76	28.34					6.805216576	87.20115272			0.05	0.67	Excellent
4780	07/09/21 13:30:00	6.81	28.36					6.85610722	87.88420177			0.05	0.68	Excellent
4781	07/09/21 14:00:00	6.84	28.42					6.886868987	88.37178177			0.05	0.69	Excellent
4782	07/09/21 14:30:00	6.85	28.48					6.897496978	88.60159482			0.05	0.69	Excellent
4783	07/09/21 15:00:00	6.87	28.52					6.918196758	88.92998594			0.05	0.70	Excellent
4784	07/09/21 15:30:00	6.98	28.62					7.029538553	90.52003081			0.05	0.71	Excellent
4785	07/09/21 16:00:00	7.18	28.70					7.231544418	93.25202984			0.05	0.72	Excellent
4786	07/09/21 16:30:00	7.27	28.76					7.32278429	94.52791887			0.05	0.73	Excellent
4787	07/09/21 17:00:00	7.14	28.76					7.192423571	92.84512624			0.05	0.73	Excellent
4788	07/09/21 17:30:00	7.10	28.74					7.152709769	92.30012523			0.05	0.74	Excellent
4789	07/09/21 18:00:00	7.09	28.70					7.1432146	92.1130014			0.05	0.75	Excellent
4790	07/09/21 18:30:00	7.03	28.66					7.083338435	91.27684597			0.05	0.76	Excellent
4791	07/09/21 19:00:00	6.92	28.60					6.973069023	89.76135593			0.05	0.77	Excellent
4792	07/09/21 19:30:00	6.87	28.58					6.923246678	89.08873091			0.05	0.78	Excellent
4793	07/09/21 20:00:00	6.84	28.58					6.893572812	88.70688592			0.05	0.78	Excellent
4794	07/09/21 20:30:00	6.75	28.56					6.803419208	87.5160456			0.05	0.79	Excellent
4795	07/09/21 21:00:00	6.78	28.62					6.834210378	88.00477148			0.05	0.80	Excellent
4796	07/09/21 21:30:00	6.77	28.66					6.824683357	87.94378205			0.05	0.81	Excellent
4797	07/09/21 22:00:00	6.69	28.64					6.744583573	86.88112058			0.05	0.82	Excellent
4798	07/09/21 22:30:00	6.65	28.64					6.704800348	86.36864843			0.05	0.82	Excellent
4799	07/09/21 23:00:00	6.62	28.64					6.675093812	85.98598031			0.06	0.83	Excellent
4800	07/09/21 23:30:00	6.58	28.62				5.883	6.635298336	85.44336235		5.946	0.06	0.84	Excellent
4801	07/10/21 00:00:00	6.55	28.64	6.29	6.56	6.40396		6.605581182	85.09054546	6.471		0.06	0.85	Excellent
4802	07/10/21 00:30:00	6.48	28.64					6.535516434	84.18799844			0.06	0.86	Excellent
4803	07/10/21 01:00:00	6.29	28.62					6.344402369	81.69746755			0.05	0.86	Excellent
4804	07/10/21 01:30:00	6.36	28.60					6.415527249	82.58435748			0.06	0.87	Excellent
4805	07/10/21 02:00:00	6.38	28.58					6.436222945	82.82168189			0.06	0.88	Excellent
4806	07/10/21 02:30:00	6.55	28.58					6.608256015	85.03541319			0.06	0.89	Excellent
4807	07/10/21 03:00:00	6.56	28.58					6.618880739	85.17213274			0.06	0.90	Excellent
4808	07/10/21 03:30:00	6.52	28.56					6.579054226	84.62991799			0.06	0.91	Excellent
4809	07/10/21 04:00:00	6.48	28.56					6.53922118	84.11752406			0.06	0.91	Excellent
4810	07/10/21 04:30:00	6.54	28.52					6.600303674	84.84362811			0.06	0.92	Excellent
4811	07/10/21 05:00:00	6.35	28.52					6.409070364	82.38541881			0.06	0.93	Excellent
4812	07/10/21 05:30:00	6.34	28.46					6.399495154	82.1756277			0.06	0.94	Excellent
4813	07/10/21 06:00:00	6.44	28.48					6.500959546	83.50788489			0.06	0.95	Excellent
4814	07/10/21 06:30:00	6.39	28.48					6.451008156	82.86623578			0.06	0.95	Excellent
4815	07/10/21 07:00:00	6.34	28.48					6.401048599	82.22448175			0.06	0.96	Excellent
4816	07/10/21 07:30:00	6.31	28.46					6.37127509	81.81325514			0.06	0.97	Excellent
4817	07/10/21 08:00:00	6.30	28.44					6.36169253	81.66148015			0.06	0.98	Excellent
4818	07/10/21 08:30:00	6.31	28.44					6.37230582	81.79771699			0.06	0.99	Excellent
4819	07/10/21 09:00:00	6.34	28.42					6.403119859	82.16434956			0.06	1.00	Excellent
4820	07/10/21 09:30:00	6.33	28.40					6.393537299	82.01252301			0.06	1.00	Excellent
4821	07/10/21 10:00:00	6.35	28.40					6.41425668	82.278299			0.06	1.01	Excellent
4822	07/10/21 10:30:00	6.36	28.40					6.42487732	82.41453431			0.06	1.02	Excellent
4823	07/10/21 11:00:00	6.35	28.40					6.415293944	82.2916044			0.07	1.03	Excellent
4824	07/10/21 11:30:00	6.35	28.40					6.415812575	82.29825711			0.07	1.04	Excellent
4825	07/10/21 12:00:00	6.35	28.42					6.416331207	82.33387658			0.07	1.04	Excellent
4826	07/10/21 12:30:00	6.38	28.44					6.447165665	82.75865085			0.07	1.05	Excellent
4827	07/10/21 13:00:00	6.40	28.46					6.467898931	83.0539975			0.07	1.06	Excellent
4828	07/10/21 13:30:00	6.38	28.48					6.448207829	82.83026425			0.07	1.07	Excellent
4829	07/10/21 14:00:00	6.37	28.48					6.438621185	82.7071193			0.07	1.08	Excellent
4830	07/10/21 14:30:00	6.36	28.50					6.429032908	82.61298895			0.07	1.09	Excellent
4831	07/10/21 15:00:00	6.40	28.50					6.469989792	83.13928438			0.07	1.09	Excellent
4832	07/10/21 15:30:00	6.39	28.50					6.460402332	83.01608564			0.07	1.10	Excellent
4833	07/10/21 16:00:00	6.36	28.52					6.430591253	82.66205916			0.07	1.11	Excellent
4834	07/10/21 16:30:00	6.45	28.54					6.522116985	83.86803885			0.07	1.12	Excellent
4835	07/10/21 17:00:00	6.51	28.62					6.58331954	84.7740265			0.07	1.13	Excellent
4836	07/10/21 17:30:00	6.54	28.66					6.614191568	85.23135672			0.07	1.13	Excellent
4837	07/10/21 18:00:00	6.54	28.68					6.614725718	85.26814085			0.07	1.14	Excellent
4838	07/10/21 18:30:00	6.50	28.70					6.574799563	84.78319009			0.07	1.15	Excellent
4839	07/10/21 19:00:00	6.47	28.70					6.544982766	84.39869729			0.07	1.16	Excellent
4840	07/10/21 19:30:00	6.43	28.68					6.50504436	83.85427641			0.08	1.17	Excellent
4841	07/10/21 20:00:00	6.42	28.70					6.495451999	83.75998939			0.08	1.18	Excellent
4842	07/10/21 20:30:00	6.43	28.68					6.506094691	83.86781587			0.08	1.18	Excellent
4843	07/10/21 21:00:00	6.46	28.70					6.536977337	84.29546587			0.08	1.19	Excellent
4844	07/10/21 21:30:00	6.43	28.68					6.507145022	83.88135532			0.08	1.20	Excellent
4845	07/10/21 22:00:00	6.32	28.64					6.39634146	82.39520018			0.08	1.21	Excellent
4846	07/10/21 22:30:00	6.33	28.62					6.406979252	82.50327598			0.08	1.22	Excellent
4847	07/10/21 23:00:00	6.29	28.60					6.367006542	81.95977103			0.08	1.22	Excellent
4848	07/10/21 23:30:00	6.31	28.58				6.079	6.387766761	82.19814497		6.139	0.08	1.23	Excellent
4849	07/11/21 00:00:00	6.35	28.58	5.66	6.46	6.27396		6.428778367	82.72588464	6.364		0.08	1.24	Excellent
4850	07/11/21 00:30:00	6.34	28.58					6.419172122	82.60227093			0.08	1.25	Excellent
4851	07/11/21 01:00:00	6.34	28.58					6.419689937	82.6089342			0.08	1.26	Excellent
4852	07/11/21 01:30:00	6.29	28.58					6.369575198	81.96405491			0.08	1.27	Excellent
4853	07/11/21 02:00:00	6.33	28.56					6.410598239	82.4629779			0.08	1.27	Excellent
4854	07/11/21 02:30:00	6.30	28.56					6.380730805	82.07877701			0.08	1.28	Excellent
4855	07/11/21 03:00:00	5.66	28.54					5.732991857	73.7206623			0.07	1.29	Excellent
4856	07/11/21 03:30:00	6.01	28.52					6.08799635	78.25817171			0.08	1.30	Excellent
4857	07/11/21 04:00:00	6.17	28.52					6.250576722	80.34806171			0.08	1.31	Excellent
4858	07/11/21 04:30:00	6.03	28.52					6.109240897	78.53125982			0.08	1.31	Excellent
4859	07/11/21 05:00:00	6.40	28.54					6.484625823	83.38593921			0.08	1.32	Excellent
4860	07/11/21 05:30:00	6.25	28.52					6.33315287	81.4095371			0.08	1.33	Excellent
4861	07/11/21 06:00:00	6.17	28.48					6.252592443	80.31749256			0.08	1.34	Excellent
4862	07/11/21 06:30:00	6.15	28.44					6.232827017	80.00730581			0.08	1.35	Excellent
4863	07/11/21 07:00:00	6.18	28.42					6.263735799	80.37578384			0.08	1.35	Excellent

4864	07/11/21 07:30:00	6.15	28.40					6.233831611	79.9639127			0.08	1.36	Excellent
4865	07/11/21 08:00:00	6.13	28.38					6.214059651	79.68223882			0.08	1.37	Excellent
4866	07/11/21 08:30:00	6.16	28.38					6.24497415	80.07865221			0.08	1.38	Excellent
4867	07/11/21 09:00:00	6.19	28.38					6.275893548	80.47512844			0.09	1.39	Excellent
4868	07/11/21 09:30:00	6.22	28.38					6.306817848	80.87166751			0.09	1.40	Excellent
4869	07/11/21 10:00:00	6.23	28.36					6.317466257	80.97969612			0.09	1.40	Excellent
4870	07/11/21 10:30:00	6.25	28.34					6.338257512	81.21760051			0.09	1.41	Excellent
4871	07/11/21 11:00:00	6.25	28.34					6.338767976	81.22414154			0.09	1.42	Excellent
4872	07/11/21 11:30:00	6.24	28.34					6.329135595	81.10071347			0.09	1.43	Excellent
4873	07/11/21 12:00:00	6.28	28.34					6.370219891	81.62716225			0.09	1.44	Excellent
4874	07/11/21 12:30:00	6.27	28.32					6.360588327	81.47504083			0.09	1.44	Excellent
4875	07/11/21 13:00:00	6.24	28.26					6.330664537	81.0060468			0.09	1.45	Excellent
4876	07/11/21 13:30:00	6.26	28.24					6.35146641	81.24357239			0.09	1.46	Excellent
4877	07/11/21 14:00:00	6.22	28.20					6.311389974	80.67400933			0.09	1.47	Excellent
4878	07/11/21 14:30:00	6.21	28.18					6.301750242	80.52237265			0.09	1.48	Excellent
4879	07/11/21 15:00:00	6.24	28.18					6.332703127	80.91788178			0.09	1.49	Excellent
4880	07/11/21 15:30:00	6.26	28.20					6.353511534	81.21241927			0.09	1.49	Excellent
4881	07/11/21 16:00:00	6.33	28.24					6.425074188	82.18511226			0.10	1.50	Excellent
4882	07/11/21 16:30:00	6.38	28.30					6.476346251	82.92860195			0.10	1.51	Excellent
4883	07/11/21 17:00:00	6.40	28.36					6.497170992	83.28322008			0.10	1.52	Excellent
4884	07/11/21 17:30:00	6.44	28.38					6.538304293	83.83999405			0.10	1.53	Excellent
4885	07/11/21 18:00:00	6.46	28.40					6.559137202	84.13674083			0.10	1.53	Excellent
4886	07/11/21 18:30:00	6.45	28.40					6.549510538	84.01325566			0.10	1.54	Excellent
4887	07/11/21 19:00:00	6.42	28.40					6.519572047	83.62922237			0.10	1.55	Excellent
4888	07/11/21 19:30:00	6.43	28.38					6.530252309	83.7367443			0.10	1.56	Excellent
4889	07/11/21 20:00:00	6.42	28.38					6.520620745	83.61323976			0.10	1.57	Excellent
4890	07/11/21 20:30:00	6.40	28.36					6.50083	83.33012263			0.10	1.58	Excellent
4891	07/11/21 21:00:00	6.41	28.36					6.511511079	83.46703679			0.10	1.58	Excellent
4892	07/11/21 21:30:00	6.38	28.34					6.48155707	83.05382226			0.10	1.59	Excellent
4893	07/11/21 22:00:00	6.38	28.32					6.482078152	83.03124725			0.10	1.60	Excellent
4894	07/11/21 22:30:00	6.40	28.30					6.502920861	83.26888569			0.10	1.61	Excellent
4895	07/11/21 23:00:00	6.35	28.28					6.452635424	82.59587501			0.10	1.62	Excellent
4896	07/11/21 23:30:00	6.33	28.26				6.302	6.432829161	82.31332698		6.359	0.10	1.62	Excellent
4897	07/12/21 00:00:00	6.27	28.26	5.97	6.48	6.21208		6.372365575	81.53965858	6.325		0.10	1.63	Excellent
4898	07/12/21 00:30:00	6.33	28.24					6.433863157	82.29753468			0.10	1.64	Excellent
4899	07/12/21 01:00:00	6.35	28.24					6.454709951	82.56419247			0.10	1.65	Excellent
4900	07/12/21 01:30:00	6.28	28.22					6.384068582	81.63180117			0.10	1.66	Excellent
4901	07/12/21 02:00:00	6.26	28.18					6.364248434	81.32096075			0.10	1.67	Excellent
4902	07/12/21 02:30:00	6.31	28.16					6.415596454	81.94814496			0.11	1.67	Excellent
4903	07/12/21 03:00:00	6.30	28.14					6.405943655	81.79596404			0.11	1.68	Excellent
4904	07/12/21 03:30:00	6.27	28.10					6.375951259	81.35551092			0.11	1.69	Excellent
4905	07/12/21 04:00:00	6.28	28.10					6.386633154	81.49180918			0.11	1.70	Excellent
4906	07/12/21 04:30:00	6.26	28.06					6.366804839	81.18141115			0.11	1.71	Excellent
4907	07/12/21 05:00:00	6.26	28.04					6.36731612	81.15923532			0.11	1.71	Excellent
4908	07/12/21 05:30:00	6.26	28.04					6.367827401	81.16575222			0.11	1.72	Excellent
4909	07/12/21 06:00:00	6.25	28.00					6.358165617	80.98530166			0.11	1.73	Excellent
4910	07/12/21 06:30:00	6.23	27.98					6.338328318	80.70407365			0.11	1.74	Excellent
4911	07/12/21 07:00:00	6.18	27.96					6.287963657	80.0344687			0.11	1.75	Excellent
4912	07/12/21 07:30:00	6.14	27.98					6.247766343	79.5509746			0.11	1.76	Excellent
4913	07/12/21 08:00:00	6.15	27.96					6.258444155	79.65873853			0.11	1.76	Excellent
4914	07/12/21 08:30:00	6.17	27.96					6.279300749	79.92420546			0.11	1.77	Excellent
4915	07/12/21 09:00:00	6.20	27.98					6.310338576	80.34768847			0.11	1.78	Excellent
4916	07/12/21 09:30:00	6.20	28.00					6.310844956	80.38256838			0.11	1.79	Excellent
4917	07/12/21 10:00:00	6.17	28.02					6.28081254	80.02833887			0.11	1.80	Excellent
4918	07/12/21 10:30:00	6.15	28.02					6.260955639	79.77532785			0.11	1.80	Excellent
4919	07/12/21 11:00:00	6.17	28.04					6.2818204	80.06948775			0.11	1.81	Excellent
4920	07/12/21 11:30:00	6.20	28.04					6.312870478	80.46525899			0.11	1.82	Excellent
4921	07/12/21 12:00:00	6.23	28.06					6.343925456	80.88968231			0.11	1.83	Excellent
4922	07/12/21 12:30:00	6.23	28.08					6.344434287	80.92476495			0.11	1.84	Excellent
4923	07/12/21 13:00:00	6.25	28.10					6.365312117	81.21975818			0.12	1.84	Excellent
4924	07/12/21 13:30:00	6.24	28.10					6.355637265	81.09630954			0.12	1.85	Excellent
4925	07/12/21 14:00:00	6.17	28.06					6.284843982	80.13635037			0.11	1.86	Excellent
4926	07/12/21 14:30:00	6.05	28.00					6.163104517	78.50076713			0.11	1.87	Excellent
4927	07/12/21 15:00:00	5.98	27.98					6.092284282	77.57126717			0.11	1.88	Excellent
4928	07/12/21 15:30:00	6.02	28.02					6.133527027	78.15166847			0.11	1.89	Excellent
4929	07/12/21 16:00:00	6.14	28.14					6.256291504	79.88509148			0.12	1.89	Excellent
4930	07/12/21 16:30:00	6.31	28.28					6.430026666	82.30647541			0.12	1.90	Excellent
4931	07/12/21 17:00:00	6.24	28.26					6.359204797	81.37124284			0.12	1.91	Excellent
4932	07/12/21 17:30:00	6.16	28.16					6.278179644	80.19288296			0.12	1.92	Excellent
4933	07/12/21 18:00:00	6.11	28.10					6.227719424	79.46411053			0.12	1.93	Excellent
4934	07/12/21 18:30:00	6.11	28.00					6.228218454	79.33013712			0.12	1.93	Excellent
4935	07/12/21 19:00:00	6.11	27.88					6.228717483	79.16816001			0.12	1.94	Excellent
4936	07/12/21 19:30:00	5.97	27.74					6.086484875	77.16857204			0.12	1.95	Excellent
4937	07/12/21 20:00:00	5.98	27.64					6.097168404	77.1668736			0.12	1.96	Excellent
4938	07/12/21 20:30:00	6.00	27.62					6.118050317	77.40364248			0.12	1.97	Excellent
4939	07/12/21 21:00:00	6.13	27.62					6.251108737	79.08705564			0.12	1.98	Excellent
4940	07/12/21 21:30:00	6.38	27.68					6.506569001	82.40685804			0.13	1.98	Excellent
4941	07/12/21 22:00:00	6.48	27.70					6.60908209	83.73493793			0.13	1.99	Excellent
4942	07/12/21 22:30:00	6.43	27.68					6.558611252	83.06598244			0.13	2.00	Excellent
4943	07/12/21 23:00:00	6.40	27.68					6.528533915	82.68504759			0.13	2.01	Excellent
4944	07/12/21 23:30:00	6.42	27.68				6.454	6.549459933	82.95007934		6.509	0.13	2.02	Excellent
4945	07/13/21 00:00:00	6.55	27.70	6.53	7.02	6.83479		6.682616362	84.66659342	6.941		0.13	2.02	Excellent
4946	07/13/21 00:30:00	6.53	27.72					6.662744759	84.44480421			0.13	2.03	Excellent
4947	07/13/21 01:00:00	6.54	27.70					6.673482194	84.55086646			0.13	2.04	Excellent
4948	07/13/21 01:30:00	6.60	27.72					6.735245851	85.36369585			0.14	2.05	Excellent
4949	07/13/21 02:00:00	6.69	27.72					6.827636514	86.53467143			0.14	2.06	Excellent
4950	07/13/21 02:30:00	6.72	27.74					6.858802569	86.96053815			0.14	2.07	Excellent
4951	07/13/21 03:00:00	6.75	27.74					6.889973525	87.35574461			0.14	2.07	Excellent
4952	07/13/21 03:30:00	6.77	27.76					6.910941196	87.65268712			0.14	2.08	Excellent
4953	07/13/21 04:00:00	6.78	27.76					6.921703132	87.78918266			0.14	2.09	Excellent
4954	07/13/21 04:30:00	6.77	27.76					6.912047066	87.66671306			0.14	2.10	Excellent
4955	07/13/21 05:00:00	6.78	27.74					6.922810636	87.77207571			0.14	2.11	Excellent
4956	07/13/21 05:30:00	6.76	27.74					6.902941483	87.52016116			0.14	2.11	Excellent
4957	07/13/21 06:00:00	6.75	27.74					6.893281333	87.39768324			0.14	2.12	Excellent
4958	07/13/21 06:30:00	6.79	27.74					6.934684976	87.92262663			0.14	2.13	Excellent
4959	07/13/21 07:00:00	6.77	27.74					6.91481174	87.6706603			0.14	2.14	Excellent
4960	07/13/21 07:30:00	6.79	27.72					6.935794113	87.90547995			0.15	2.15	Excellent
4961	07/13/21 08:00:00	6.83	27.70					6.977210823	88.39901021			0.15	2.16	Excellent
4962	07/13/21 08:30:00	6.84	27.70					6.987985011	88.53551569			0.15	2.16	Excellent
4963	07/13/21 09:00:00	6.86	27.66					7.008978001	88.73842832			0.15	2.17	Excellent
4964	07/13/21 09:30:00	6.83	27.62					6.978884329	88.29464283			0.15	2.18	Excellent
4965	07/13/21 10:00:00	6.82	27.54					6.969223362	88.04706636			0.15	2.19	Excellent
4966	07/13/21 10:30:00	6.83	27.48					6.98	88.08908907			0.15	2.20	Excellent
4967	07/13/21 11:00:00	6.89	27.44					6.96	88.53517651			0.07	1.02	Excellent
4968	07/13/21 11:30:00	6.92	27.40					6.990807225	88.86362834			0.07	1.02	Excellent
4969	07/13/21 12:00:00	6.91	27.38					6.981206612	88.70992142			0.07	1.03	Excellent
4970	07/13/21 12:30:00	6.92	27.38					6.991812096	88.8446849			0.07	1.04	Excellent
4971	07/13/21 13:00:00	6.95	27.42					7.022628034	89.29997816			0.07	1.05	Excellent
4972	07/13/21 13:30:00	6.97	27.42					7.043343101	89.56339166			0.07	1.05	Excellent
4973	07/13/21 14:00:00	7.00	27.42					7.074167026	89.95534974			0.07	1.06	Excellent
4974	07/13/21 14:30:00	6.98	27.38					7.054461912	89.64077368			0.07	1.07	Excellent
4975	07/13/21 15:00:00	6.97	27.34					7.044861299	89.45487317			0.07	1.07	Excellent
4976	07/13/21 15:30:00	6.96	27.30					7.035259234	89.26914053			0.08	1.08	Excellent
4977	07/13/21 16:00:00	6.91	27.24					6.985220288	88.53919858			0.08	1.09	Excellent
4978	07/13/21 16:30:00	6.92	27.24					6.99583158	88.67369904			0.08	1.10	Excellent
4979	07/13/21 17:00:00	6.95	27.26					7.026664944	89.09637248			0.08	1.10	Excellent

4980	07/13/21 17:30:00	6.97	27.30					7.047391628	89.4230863			0.08	1.11	Excellent
4981	07/13/21 18:00:00	7.02	27.34					7.098456501	90.13541914			0.08	1.12	Excellent
4982	07/13/21 18:30:00	7.00	27.34					7.078741222	89.8850767			0.08	1.12	Excellent
4983	07/13/21 19:00:00	6.95	27.32					7.028683398	89.21757294			0.08	1.13	Excellent
4984	07/13/21 19:30:00	6.88	27.30					6.958390435	88.29376615			0.08	1.14	Excellent
4985	07/13/21 20:00:00	6.81	27.22					6.888087307	87.27679411			0.08	1.15	Excellent
4986	07/13/21 20:30:00	6.86	27.26					6.939158714	87.98681515			0.08	1.15	Excellent
4987	07/13/21 21:00:00	6.84	27.28					6.919424558	87.76796155			0.08	1.16	Excellent
4988	07/13/21 21:30:00	6.82	27.28					6.899687497	87.51761102			0.08	1.17	Excellent
4989	07/13/21 22:00:00	6.81	27.32					6.890065102	87.45804171			0.08	1.18	Excellent
4990	07/13/21 22:30:00	6.85	27.34					6.931032735	88.00949059			0.08	1.18	Excellent
4991	07/13/21 23:00:00	6.82	27.36					6.901173022	87.66163498			0.08	1.19	Excellent
4992	07/13/21 23:30:00	6.84	27.38				6.615	6.921907693	87.95641236		6.676	0.08	1.20	Excellent
4993	07/14/21 00:00:00	6.83	27.38	6.81	7.35	7.02563		6.912283846	87.83412251	7.122		0.08	1.20	Excellent
4994	07/14/21 00:30:00	6.85	27.42					6.933022147	88.16054664			0.08	1.21	Excellent
4995	07/14/21 01:00:00	6.83	27.42					6.913275648	87.90944948			0.08	1.22	Excellent
4996	07/14/21 01:30:00	6.84	27.44					6.923894201	88.07589011			0.08	1.23	Excellent
4997	07/14/21 02:00:00	6.84	27.46					6.924390828	88.1136275			0.08	1.23	Excellent
4998	07/14/21 02:30:00	6.85	27.48					6.935011559	88.28024866			0.09	1.24	Excellent
4999	07/14/21 03:00:00	6.84	27.50					6.925384082	88.18912479			0.09	1.25	Excellent
5000	07/14/21 03:30:00	6.83	27.52					6.915755152	88.09789804			0.09	1.26	Excellent
5001	07/14/21 04:00:00	6.83	27.54					6.916251053	88.13561027			0.09	1.26	Excellent
5002	07/14/21 04:30:00	6.81	27.54					6.896492937	87.88382738			0.09	1.27	Excellent
5003	07/14/21 05:00:00	6.84	27.56					6.92737059	88.30875803			0.09	1.28	Excellent
5004	07/14/21 05:30:00	6.84	27.58					6.927867217	88.34654278			0.09	1.28	Excellent
5005	07/14/21 06:00:00	6.86	27.60					6.948622218	88.64276879			0.09	1.29	Excellent
5006	07/14/21 06:30:00	6.88	27.62					6.969380123	88.93922339			0.09	1.30	Excellent
5007	07/14/21 07:00:00	6.93	27.64					7.020532849	89.62388886			0.09	1.31	Excellent
5008	07/14/21 07:30:00	6.97	27.66					7.061561471	90.17973207			0.09	1.31	Excellent
5009	07/14/21 08:00:00	7.04	27.68					7.132992175	91.12433925			0.09	1.32	Excellent
5010	07/14/21 08:30:00	7.09	27.72					7.18416741	91.84338137			0.09	1.33	Excellent
5011	07/14/21 09:00:00	7.12	27.74					7.215082818	92.27139135			0.10	1.34	Excellent
5012	07/14/21 09:30:00	7.16	27.78					7.256136852	92.86236726			0.10	1.34	Excellent
5013	07/14/21 10:00:00	7.15	27.78					7.246521718	92.73931498			0.10	1.35	Excellent
5014	07/14/21 10:30:00	7.13	27.78					7.22676941	92.4865295			0.10	1.36	Excellent
5015	07/14/21 11:00:00	7.12	27.76					7.217150645	92.33063186			0.10	1.36	Excellent
5016	07/14/21 11:30:00	7.08	27.72					7.177118908	91.75327236			0.10	1.37	Excellent
5017	07/14/21 12:00:00	7.07	27.70					7.167495061	91.597676			0.10	1.38	Excellent
5018	07/14/21 12:30:00	7.07	27.66					7.168008387	91.53911333			0.10	1.39	Excellent
5019	07/14/21 13:00:00	7.04	27.64					7.138103658	91.12479389			0.10	1.39	Excellent
5020	07/14/21 13:30:00	7.03	27.60					7.128474729	90.93712644			0.10	1.40	Excellent
5021	07/14/21 14:00:00	7.05	27.62					7.149266759	91.23483324			0.10	1.41	Excellent
5022	07/14/21 14:30:00	7.03	27.62					7.129495573	90.98252474			0.10	1.42	Excellent
5023	07/14/21 15:00:00	7.05	27.62					7.150290507	91.24789773			0.10	1.42	Excellent
5024	07/14/21 15:30:00	6.99	27.62					7.089944489	90.47779653			0.10	1.43	Excellent
5025	07/14/21 16:00:00	6.98	27.60					7.080308299	90.32267287			0.10	1.44	Excellent
5026	07/14/21 16:30:00	6.97	27.62					7.070670657	90.23183496			0.10	1.44	Excellent
5027	07/14/21 17:00:00	6.96	27.64					7.061031562	90.14089407			0.10	1.45	Excellent
5028	07/14/21 17:30:00	6.98	27.68					7.081828675	90.47072292			0.10	1.46	Excellent
5029	07/14/21 18:00:00	7.00	27.72					7.102628691	90.80097921			0.10	1.47	Excellent
5030	07/14/21 18:30:00	7.05	27.76					7.153873628	91.52111473			0.10	1.47	Excellent
5031	07/14/21 19:00:00	7.11	27.80					7.215273889	92.37220604			0.11	1.48	Excellent
5032	07/14/21 19:30:00	7.16	27.84					7.266534073	93.09451776			0.11	1.49	Excellent
5033	07/14/21 20:00:00	7.18	27.86					7.287352967	93.39436791			0.11	1.50	Excellent
5034	07/14/21 20:30:00	7.22	27.88					7.328475251	93.95471018			0.11	1.50	Excellent
5035	07/14/21 21:00:00	7.24	27.90					7.349301406	94.25513088			0.11	1.51	Excellent
5036	07/14/21 21:30:00	7.26	27.88					7.370130466	94.48875082			0.11	1.52	Excellent
5037	07/14/21 22:00:00	7.27	27.88					7.380810008	94.62566788			0.11	1.52	Excellent
5038	07/14/21 22:30:00	7.30	27.90					7.411797297	95.05664357			0.11	1.53	Excellent
5039	07/14/21 23:00:00	7.31	27.90					7.422481196	95.19366507			0.11	1.54	Excellent
5040	07/14/21 23:30:00	7.35	27.92				6.647	7.463630344	95.75534701		6.724	0.11	1.55	Excellent
5041	07/15/21 00:00:00	7.36	27.94	6.68	7.36	7.00333		7.474319326	95.92647643	7.124		0.11	1.55	Excellent
5042	07/15/21 00:30:00	7.36	27.94					7.474853708	95.93333477			0.11	1.56	Excellent
5043	07/15/21 01:00:00	7.31	27.94					7.424604204	95.28842549			0.11	1.57	Excellent
5044	07/15/21 01:30:00	7.28	27.94					7.394662446	94.90414871			0.11	1.58	Excellent
5045	07/15/21 02:00:00	7.26	27.94					7.374874561	94.65018818			0.11	1.58	Excellent
5046	07/15/21 02:30:00	7.20	27.92					7.314447949	93.84139745			0.11	1.59	Excellent
5047	07/15/21 03:00:00	7.17	27.90					7.28449167	93.42394301			0.11	1.60	Excellent
5048	07/15/21 03:30:00	7.12	27.88					7.234210219	92.74618542			0.11	1.60	Excellent
5049	07/15/21 04:00:00	7.07	27.86					7.183921508	92.06879525			0.11	1.61	Excellent
5050	07/15/21 04:30:00	7.04	27.86					7.153949255	91.68467229			0.11	1.62	Excellent
5051	07/15/21 05:00:00	7.00	27.84					7.11381006	91.13790843			0.11	1.63	Excellent
5052	07/15/21 05:30:00	6.94	27.84					7.053338433	90.36318187			0.11	1.63	Excellent
5053	07/15/21 06:00:00	6.89	27.82					7.003022131	89.68672423			0.11	1.64	Excellent
5054	07/15/21 06:30:00	6.83	27.80					6.942533804	88.88050167			0.11	1.65	Excellent
5055	07/15/21 07:00:00	6.81	27.78					6.922698725	88.59510294			0.11	1.65	Excellent
5056	07/15/21 07:30:00	6.75	27.74					6.862195877	87.75843289			0.11	1.66	Excellent
5057	07/15/21 08:00:00	6.72	27.68					6.832185143	87.28151405			0.11	1.67	Excellent
5058	07/15/21 08:30:00	6.68	27.64					6.792002384	86.70647654			0.11	1.68	Excellent
5059	07/15/21 09:00:00	6.71	27.60					6.822992577	87.04012601			0.11	1.68	Excellent
5060	07/15/21 09:30:00	6.74	27.60					6.853987127	87.43551989			0.11	1.69	Excellent
5061	07/15/21 10:00:00	6.79	27.64					6.905325725	88.15315854			0.12	1.70	Excellent
5062	07/15/21 10:30:00	6.87	27.70					6.987183302	89.29336495			0.12	1.71	Excellent
5063	07/15/21 11:00:00	6.93	27.76					7.048709898	90.17573148			0.12	1.71	Excellent
5064	07/15/21 11:30:00	6.99	27.82					7.110245208	91.05991517			0.12	1.72	Excellent
5065	07/15/21 12:00:00	7.05	27.88					7.17178923	91.94591718			0.12	1.73	Excellent
5066	07/15/21 12:30:00	7.08	27.94					7.202821534	92.44203519			0.12	1.73	Excellent
5067	07/15/21 13:00:00	7.10	27.98					7.223683992	92.77550503			0.12	1.74	Excellent
5068	07/15/21 13:30:00	7.14	28.00					7.264899212	93.33789337			0.12	1.75	Excellent
5069	07/15/21 14:00:00	7.15	28.02					7.275593276	93.50839174			0.13	1.76	Excellent
5070	07/15/21 14:30:00	7.15	28.04					7.276112411	93.54817275			0.13	1.76	Excellent
5071	07/15/21 15:00:00	7.11	28.06					7.235923118	93.06439273			0.13	1.77	Excellent
5072	07/15/21 15:30:00	7.11	28.06					7.236439349	93.0710322			0.13	1.78	Excellent
5073	07/15/21 16:00:00	7.11	28.06					7.236955579	93.07767167			0.13	1.79	Excellent
5074	07/15/21 16:30:00	7.11	28.08					7.23747181	93.11725072			0.13	1.79	Excellent
5075	07/15/21 17:00:00	7.08	28.12					7.207448007	92.79658029			0.13	1.80	Excellent
5076	07/15/21 17:30:00	7.07	28.14					7.197781322	92.70488945			0.13	1.81	Excellent
5077	07/15/21 18:00:00	7.04	28.16					7.167750258	92.35073508			0.13	1.81	Excellent
5078	07/15/21 18:30:00	7.04	28.16					7.168261407	92.35732081			0.13	1.82	Excellent
5079	07/15/21 19:00:00	7.02	28.18					7.148406724	92.1340594			0.13	1.83	Excellent
5080	07/15/21 19:30:00	6.97	28.16					7.097998212	91.45203569			0.13	1.84	Excellent
5081	07/15/21 20:00:00	6.98	28.14					7.108688645	91.55740714			0.13	1.84	Excellent
5082	07/15/21 20:30:00	6.94	28.12					7.068455062	91.00703288			0.13	1.85	Excellent
5083	07/15/21 21:00:00	6.90	28.08					7.028215671	90.42496301			0.13	1.86	Excellent
5084	07/15/21 21:30:00	6.87	28.06					6.998157016	90.00637822			0.13	1.87	Excellent
5085	07/15/21 22:00:00	6.86	28.02					6.98846855	89.8181674			0.13	1.87	Excellent
5086	07/15/21 22:30:00	6.82	27.98					6.948214637	89.23758607			0.13	1.88	Excellent
5087	07/15/21 23:00:00	6.83	27.96					6.958898536	89.3431458			0.13	1.89	Excellent
5088	07/15/21 23:30:00	6.81	27.92				6.642	6.939015536	89.02475202		6.733	0.13	1.89	Excellent
5089	07/16/21 00:00:00	6.80	27.90	6.59	6.80	6.71708		6.929319809	88.86884745	6.856		0.13	1.90	Excellent
5090	07/16/21 00:30:00	6.79	27.86					6.91962263	88.68155344			0.13	1.91	Excellent
5091	07/16/21 01:00:00	6.78	27.82					6.909923998	88.49442947			0.13	1.92	Excellent
5092	07/16/21 01:30:00	6.75	27.78					6.879839205	88.04659669			0.13	1.92	Excellent
5093	07/16/21 02:00:00	6.74	27.72					6.870136217	87.82876355			0.13	1.93	Excellent
5094	07/16/21 02:30:00	6.74	27.66					6.870625584	87.74138366			0.13	1.94	Excellent
5095	07/16/21 03:00:00	6.73	27.58					6.860920418	87.49281419			0.13	1.95	Excellent

5096	07/16/21 03:30:00	6.73	27.52					6.861409058	87.40559813			0.13	1.95	Excellent
5097	07/16/21 04:00:00	6.74	27.46					6.872093683	87.44814063			0.13	1.96	Excellent
5098	07/16/21 04:30:00	6.73	27.40					6.862386339	87.23120657			0.13	1.97	Excellent
5099	07/16/21 05:00:00	6.72	27.36					6.852677542	87.04562477			0.13	1.97	Excellent
5100	07/16/21 05:30:00	6.70	27.32					6.832769131	86.73076361			0.13	1.98	Excellent
5101	07/16/21 06:00:00	6.73	27.30					6.86385226	87.09418823			0.13	1.99	Excellent
5102	07/16/21 06:30:00	6.71	27.26					6.84394167	86.77948659			0.13	2.00	Excellent
5103	07/16/21 07:00:00	6.69	27.24					6.824028176	86.49605322			0.13	2.00	Excellent
5104	07/16/21 07:30:00	6.69	27.20					6.824513912	86.44034401			0.13	2.01	Excellent
5105	07/16/21 08:00:00	6.69	27.18					6.824999648	86.41556558			0.13	2.02	Excellent
5106	07/16/21 08:30:00	6.70	27.14					6.835687904	86.48894642			0.14	2.03	Excellent
5107	07/16/21 09:00:00	6.69	27.12					6.82597112	86.33507774			0.14	2.03	Excellent
5108	07/16/21 09:30:00	6.68	27.10					6.816252885	86.18128164			0.14	2.04	Excellent
5109	07/16/21 10:00:00	6.70	27.10					6.83714729	86.44546002			0.14	2.05	Excellent
5110	07/16/21 10:30:00	6.69	27.08					6.827428329	86.29165104			0.14	2.05	Excellent
5111	07/16/21 11:00:00	6.70	27.08					6.838120214	86.42678545			0.14	2.06	Excellent
5112	07/16/21 11:30:00	6.71	27.06					6.848813552	86.53091694			0.14	2.07	Excellent
5113	07/16/21 12:00:00	6.71	27.06					6.84930074	86.53707229			0.14	2.08	Excellent
5114	07/16/21 12:30:00	6.72	27.06					6.859996256	86.67220413			0.14	2.08	Excellent
5115	07/16/21 13:00:00	6.71	27.04					6.850275117	86.51835801			0.14	2.09	Excellent
5116	07/16/21 13:30:00	6.72	27.04					6.860972085	86.65345975			0.14	2.10	Excellent
5117	07/16/21 14:00:00	6.72	27.02					6.861459999	86.62854934			0.14	2.11	Excellent
5118	07/16/21 14:30:00	6.72	27.00					6.861947913	86.60363741			0.14	2.11	Excellent
5119	07/16/21 15:00:00	6.71	26.98					6.852223869	86.44988657			0.14	2.12	Excellent
5120	07/16/21 15:30:00	6.72	26.98					6.862923742	86.58487965			0.14	2.13	Excellent
5121	07/16/21 16:00:00	6.72	26.96					6.863411656	86.55996247			0.14	2.13	Excellent
5122	07/16/21 16:30:00	6.69	26.96					6.833257161	86.17966007			0.14	2.14	Excellent
5123	07/16/21 17:00:00	6.70	26.96					6.84395776	86.31461386			0.14	2.15	Excellent
5124	07/16/21 17:30:00	6.67	26.96					6.813797457	85.9342382			0.14	2.16	Excellent
5125	07/16/21 18:00:00	6.68	26.94					6.824498055	86.03829819			0.14	2.16	Excellent
5126	07/16/21 18:30:00	6.66	26.92					6.804548984	85.7559942			0.14	2.17	Excellent
5127	07/16/21 19:00:00	6.74	26.90					6.886774675	86.76109367			0.15	2.18	Excellent
5128	07/16/21 19:30:00	6.69	26.88					6.836171578	86.09264678			0.15	2.18	Excellent
5129	07/16/21 20:00:00	6.59	26.84					6.734465127	84.75083997			0.14	2.19	Excellent
5130	07/16/21 20:30:00	6.76	26.82					6.908682663	86.91204802			0.15	2.20	Excellent
5131	07/16/21 21:00:00	6.72	26.80					6.868290799	86.37284171			0.15	2.21	Excellent
5132	07/16/21 21:30:00	6.79	26.80					6.940328491	87.27875854			0.15	2.21	Excellent
5133	07/16/21 22:00:00	6.78	26.74					6.930599365	87.06236519			0.15	2.22	Excellent
5134	07/16/21 22:30:00	6.77	26.68					6.920868787	86.84624364			0.15	2.23	Excellent
5135	07/16/21 23:00:00	6.77	26.62					6.921360331	86.75854523			0.15	2.24	Excellent
5136	07/16/21 23:30:00	6.63	26.56				6.639	6.77871166	84.87855203		6.743	0.15	2.24	Excellent
5137	07/17/21 00:00:00	6.67	26.54	6.54	6.81	6.68313		6.820093148	85.36588678	6.845		0.15	2.25	Excellent
5138	07/17/21 00:30:00	6.72	26.50					6.871706199	85.94982633			0.15	2.26	Excellent
5139	07/17/21 01:00:00	6.76	26.38					6.91310003	86.28024237			0.15	2.26	Excellent
5140	07/17/21 01:30:00	6.74	26.32					6.893136438	85.9377271			0.15	2.27	Excellent
5141	07/17/21 02:00:00	6.75	26.28					6.903853736	86.00902127			0.15	2.28	Excellent
5142	07/17/21 02:30:00	6.75	26.24					6.904343828	85.9528138			0.15	2.29	Excellent
5143	07/17/21 03:00:00	6.74	26.20					6.894604537	85.7693545			0.15	2.29	Excellent
5144	07/17/21 03:30:00	6.73	26.18					6.884863794	85.61712015			0.15	2.30	Excellent
5145	07/17/21 04:00:00	6.72	26.16					6.875121598	85.46495842			0.16	2.31	Excellent
5146	07/17/21 04:30:00	6.71	26.12					6.865377951	85.28190673			0.16	2.32	Excellent
5147	07/17/21 05:00:00	6.70	26.12					6.855632851	85.16085284			0.16	2.32	Excellent
5148	07/17/21 05:30:00	6.69	26.08					6.845886299	84.97803987			0.16	2.33	Excellent
5149	07/17/21 06:00:00	6.68	26.08					6.836138296	84.85703783			0.16	2.34	Excellent
5150	07/17/21 06:30:00	6.68	26.04					6.836623306	84.8014118			0.16	2.34	Excellent
5151	07/17/21 07:00:00	6.68	26.02					6.837108316	84.77660658			0.16	2.35	Excellent
5152	07/17/21 07:30:00	6.66	26.00					6.817121489	84.49805184			0.16	2.36	Excellent
5153	07/17/21 08:00:00	6.66	26.00					6.817605047	84.50404553			0.16	2.37	Excellent
5154	07/17/21 08:30:00	6.64	26.00					6.797613865	84.25625531			0.16	2.37	Excellent
5155	07/17/21 09:00:00	6.62	26.00					6.777619778	84.0084291			0.16	2.38	Excellent
5156	07/17/21 09:30:00	6.61	26.02					6.767861609	83.91798324			0.16	2.39	Excellent
5157	07/17/21 10:00:00	6.59	26.04					6.747862439	83.70042284			0.16	2.40	Excellent
5158	07/17/21 10:30:00	6.59	26.08					6.748340915	83.76720826			0.16	2.40	Excellent
5159	07/17/21 11:00:00	6.54	26.10					6.697614387	83.16774003			0.16	2.41	Excellent
5160	07/17/21 11:30:00	6.55	26.14					6.708330959	83.36131915			0.16	2.42	Excellent
5161	07/17/21 12:00:00	6.59	26.16					6.749776341	83.90678566			0.16	2.42	Excellent
5162	07/17/21 12:30:00	6.58	26.20					6.740011638	83.84620821			0.16	2.43	Excellent
5163	07/17/21 13:00:00	6.61	26.22					6.771221102	84.26500501			0.16	2.44	Excellent
5164	07/17/21 13:30:00	6.61	26.26					6.771701029	84.33208796			0.16	2.45	Excellent
5165	07/17/21 14:00:00	6.62	26.28					6.782426314	84.49626418			0.16	2.45	Excellent
5166	07/17/21 14:30:00	6.63	26.30					6.793153051	84.66055806			0.16	2.46	Excellent
5167	07/17/21 15:00:00	6.65	26.30					6.814128049	84.92196172			0.16	2.47	Excellent
5168	07/17/21 15:30:00	6.67	26.28					6.835105951	85.15255328			0.17	2.48	Excellent
5169	07/17/21 16:00:00	6.68	26.30					6.845838496	85.31715731			0.17	2.48	Excellent
5170	07/17/21 16:30:00	6.68	26.32					6.846323506	85.35410352			0.17	2.49	Excellent
5171	07/17/21 17:00:00	6.68	26.36					6.846808516	85.42196639			0.17	2.50	Excellent
5172	07/17/21 17:30:00	6.71	26.38					6.878044844	85.84272954			0.17	2.50	Excellent
5173	07/17/21 18:00:00	6.70	26.38					6.868280867	85.72086839			0.17	2.51	Excellent
5174	07/17/21 18:30:00	6.71	26.36					6.87901922	85.82383271			0.17	2.52	Excellent
5175	07/17/21 19:00:00	6.71	26.36					6.879506409	85.82991095			0.17	2.53	Excellent
5176	07/17/21 19:30:00	6.71	26.36					6.879993597	85.83598919			0.17	2.53	Excellent
5177	07/17/21 20:00:00	6.71	26.36					6.880480785	85.84206744			0.17	2.54	Excellent
5178	07/17/21 20:30:00	6.72	26.36					6.891222769	85.97608629			0.17	2.55	Excellent
5179	07/17/21 21:00:00	6.74	26.34					6.912221727	86.20686812			0.17	2.56	Excellent
5180	07/17/21 21:30:00	6.75	26.30					6.922967341	86.27838563			0.17	2.56	Excellent
5181	07/17/21 22:00:00	6.76	26.26					6.933714408	86.34973853			0.17	2.57	Excellent
5182	07/17/21 22:30:00	6.78	26.22					6.954720626	86.54857959			0.17	2.58	Excellent
5183	07/17/21 23:00:00	6.80	26.18					6.975729749	86.74708897			0.18	2.58	Excellent
5184	07/17/21 23:30:00	6.81	26.16				6.679	6.986482624	86.84929254		6.797	0.18	2.59	Excellent
5185	07/18/21 00:00:00	6.82	26.12	6.65	6.87	6.78125		6.997236951	86.91986272	6.969		0.18	2.60	Excellent
5186	07/18/21 00:30:00	6.84	26.10					7.018253335	87.14927959			0.18	2.61	Excellent
5187	07/18/21 01:00:00	6.84	26.08					7.018749962	87.12379786			0.18	2.61	Excellent
5188	07/18/21 01:30:00	6.85	26.08					7.029508645	87.25734548			0.18	2.62	Excellent
5189	07/18/21 02:00:00	6.85	26.06					7.030005998	87.2318226			0.18	2.63	Excellent
5190	07/18/21 02:30:00	6.83	26.06					7.009976334	86.98328454			0.18	2.64	Excellent
5191	07/18/21 03:00:00	6.84	26.04					7.02073647	87.08514977			0.18	2.64	Excellent
5192	07/18/21 03:30:00	6.81	26.02					6.990438215	86.67781802			0.18	2.65	Excellent
5193	07/18/21 04:00:00	6.82	26.02					7.00119835	86.81123814			0.18	2.66	Excellent
5194	07/18/21 04:30:00	6.80	26.00					6.9811607	86.53131379			0.18	2.66	Excellent
5195	07/18/21 05:00:00	6.81	25.98					6.991921561	86.63318086			0.18	2.67	Excellent
5196	07/18/21 05:30:00	6.79	25.98					6.97188028	86.38486001			0.18	2.68	Excellent
5197	07/18/21 06:00:00	6.65	25.96					6.828613003	84.57893665			0.18	2.69	Excellent
5198	07/18/21 06:30:00	6.67	25.96					6.849634469	84.83930771			0.18	2.69	Excellent
5199	07/18/21 07:00:00	6.76	25.94					6.942549141	85.95885982			0.18	2.70	Excellent
5200	07/18/21 07:30:00	6.77	25.92					6.953310729	86.0607728			0.18	2.71	Excellent
5201	07/18/21 08:00:00	6.76	25.92					6.943530778	85.93972685			0.18	2.71	Excellent
5202	07/18/21 08:30:00	6.67	25.92					6.851571605	84.80155284			0.18	2.72	Excellent
5203	07/18/21 09:00:00	6.74	25.92					6.92396652	85.69758102			0.18	2.73	Excellent
5204	07/18/21 09:30:00	6.75	25.92					6.93472956	85.83079462			0.18	2.74	Excellent
5205	07/18/21 10:00:00	6.75	25.92					6.935219653	85.83686047			0.19	2.74	Excellent
5206	07/18/21 10:30:00	6.74	25.94					6.92543462	85.74695714			0.19	2.75	Excellent
5207	07/18/21 11:00:00	6.74	25.96					6.925923986	85.78422672			0.19	2.76	Excellent
5208	07/18/21 11:30:00	6.75	25.98					6.93668993	85.9488351			0.19	2.77	Excellent
5209	07/18/21 12:00:00	6.76	25.98					6.947457326	86.08224818			0.19	2.77	Excellent
5210	07/18/21 12:30:00	6.73	26.00					6.917114055	85.73745722			0.19	2.78	Excellent
5211	07/18/21 13:00:00	6.72	26.02					6.90732394	85.647244			0.19	2.79	Excellent

5212	07/18/21 13:30:00	6.70	26.04					6.88725289	85.4294207			0.19	2.79	Excellent
5213	07/18/21 14:00:00	6.77	26.04					6.959700808	86.328064			0.19	2.80	Excellent
5214	07/18/21 14:30:00	6.76	26.06					6.949911419	86.23796909			0.19	2.81	Excellent
5215	07/18/21 15:00:00	6.78	26.08					6.970965558	86.53064968			0.19	2.82	Excellent
5216	07/18/21 15:30:00	6.77	26.08					6.961175442	86.4091249			0.19	2.82	Excellent
5217	07/18/21 16:00:00	6.77	26.06					6.961666987	86.38383805			0.19	2.83	Excellent
5218	07/18/21 16:30:00	6.77	26.04					6.962158531	86.35854957			0.19	2.84	Excellent
5219	07/18/21 17:00:00	6.78	26.02					6.97293464	86.46078275			0.19	2.85	Excellent
5220	07/18/21 17:30:00	6.79	25.98					6.983712201	86.53146305			0.19	2.85	Excellent
5221	07/18/21 18:00:00	6.78	25.96					6.973919181	86.37869335			0.19	2.86	Excellent
5222	07/18/21 18:30:00	6.78	25.94					6.974411452	86.35336159			0.19	2.87	Excellent
5223	07/18/21 19:00:00	6.77	25.92					6.964616254	86.20070071			0.19	2.87	Excellent
5224	07/18/21 19:30:00	6.78	25.90					6.975395993	86.30269314			0.20	2.88	Excellent
5225	07/18/21 20:00:00	6.79	25.88					6.986177185	86.4046092			0.20	2.89	Excellent
5226	07/18/21 20:30:00	6.79	25.88					6.986670181	86.41070655			0.20	2.90	Excellent
5227	07/18/21 21:00:00	6.81	25.86					7.007743924	86.63977731			0.20	2.90	Excellent
5228	07/18/21 21:30:00	6.82	25.84					7.018529472	86.74150996			0.20	2.91	Excellent
5229	07/18/21 22:00:00	6.84	25.82					7.039608297	86.97031577			0.20	2.92	Excellent
5230	07/18/21 22:30:00	6.86	25.80					7.060690026	87.19897039			0.20	2.93	Excellent
5231	07/18/21 23:00:00	6.86	25.78					7.061188105	87.17332417			0.20	2.93	Excellent
5232	07/18/21 23:30:00	6.87	25.76				6.751	7.071980187	87.27471371		6.883	0.20	2.94	Excellent
5233	07/19/21 00:00:00	6.86	25.74	6.83	6.98	6.88229		7.062184263	87.12202672	7.097		0.20	2.95	Excellent
5234	07/19/21 00:30:00	6.87	25.72					7.072977798	87.22333813			0.20	2.95	Excellent
5235	07/19/21 01:00:00	6.89	25.72					7.094068966	87.48343255			0.20	2.96	Excellent
5236	07/19/21 01:30:00	6.88	25.72					7.084272315	87.36262113			0.20	2.97	Excellent
5237	07/19/21 02:00:00	6.88	25.70					7.084771847	87.33688893			0.20	2.98	Excellent
5238	07/19/21 02:30:00	6.87	25.70					7.074973018	87.21609475			0.20	2.98	Excellent
5239	07/19/21 03:00:00	6.88	25.68					7.085770909	87.31731072			0.21	2.99	Excellent
5240	07/19/21 03:30:00	6.87	25.66					7.075970629	87.16469561			0.21	3.00	Excellent
5241	07/19/21 04:00:00	6.88	25.64					7.086769972	87.26583339			0.21	3.01	Excellent
5242	07/19/21 04:30:00	6.88	25.62					7.087269503	87.24009219			0.21	3.01	Excellent
5243	07/19/21 05:00:00	6.88	25.60					7.087769034	87.2143493			0.21	3.02	Excellent
5244	07/19/21 05:30:00	6.87	25.58					7.07796585	87.0618771			0.21	3.03	Excellent
5245	07/19/21 06:00:00	6.87	25.56					7.078464655	87.03616825			0.21	3.03	Excellent
5246	07/19/21 06:30:00	6.86	25.54					7.068659292	86.88380492			0.21	3.04	Excellent
5247	07/19/21 07:00:00	6.87	25.52					7.079462265	86.98474545			0.21	3.05	Excellent
5248	07/19/21 07:30:00	6.87	25.50					7.07996107	86.95903151			0.21	3.06	Excellent
5249	07/19/21 08:00:00	6.86	25.48					7.070153529	86.80677538			0.21	3.06	Excellent
5250	07/19/21 08:30:00	6.87	25.48					7.080958681	86.93944016			0.21	3.07	Excellent
5251	07/19/21 09:00:00	6.87	25.46					7.081457486	86.91372057			0.21	3.08	Excellent
5252	07/19/21 09:30:00	6.86	25.44					7.071647767	86.76152476			0.21	3.09	Excellent
5253	07/19/21 10:00:00	6.87	25.44					7.082455097	86.89411909			0.21	3.09	Excellent
5254	07/19/21 10:30:00	6.85	25.42					7.062333949	86.61550187			0.21	3.10	Excellent
5255	07/19/21 11:00:00	6.86	25.42					7.073142004	86.74805652			0.21	3.11	Excellent
5256	07/19/21 11:30:00	6.84	25.42					7.053017226	86.50123758			0.21	3.11	Excellent
5257	07/19/21 12:00:00	6.85	25.42					7.063826008	86.63380113			0.21	3.12	Excellent
5258	07/19/21 12:30:00	6.85	25.44					7.064323361	86.67166216			0.21	3.13	Excellent
5259	07/19/21 13:00:00	6.84	25.44					7.054507107	86.55122727			0.21	3.14	Excellent
5260	07/19/21 13:30:00	6.83	25.46					7.044689401	86.46245033			0.21	3.14	Excellent
5261	07/19/21 14:00:00	6.84	25.46					7.055500361	86.59513781			0.22	3.15	Excellent
5262	07/19/21 14:30:00	6.86	25.48					7.076628558	86.88627526			0.22	3.16	Excellent
5263	07/19/21 15:00:00	6.85	25.48					7.066810126	86.76572534			0.22	3.17	Excellent
5264	07/19/21 15:30:00	6.84	25.48					7.056990242	86.6451576			0.22	3.17	Excellent
5265	07/19/21 16:00:00	6.83	25.50					7.047168906	86.55626448			0.22	3.18	Excellent
5266	07/19/21 16:30:00	6.86	25.52					7.078620875	86.97440736			0.22	3.19	Excellent
5267	07/19/21 17:00:00	6.87	25.54					7.089438369	87.13920913			0.22	3.19	Excellent
5268	07/19/21 17:30:00	6.88	25.54					7.100257316	87.27218926			0.22	3.20	Excellent
5269	07/19/21 18:00:00	6.88	25.54					7.100756847	87.2783292			0.22	3.21	Excellent
5270	07/19/21 18:30:00	6.91	25.56					7.132221159	87.69715342			0.22	3.22	Excellent
5271	07/19/21 19:00:00	6.93	25.58					7.153367508	87.98934836			0.22	3.22	Excellent
5272	07/19/21 19:30:00	6.93	25.58					7.15387067	87.99553746			0.22	3.23	Excellent
5273	07/19/21 20:00:00	6.93	25.58					7.154373831	88.00172655			0.22	3.24	Excellent
5274	07/19/21 20:30:00	6.94	25.58					7.165201491	88.13491119			0.23	3.24	Excellent
5275	07/19/21 21:00:00	6.95	25.58					7.176030602	88.2681137			0.23	3.25	Excellent
5276	07/19/21 21:30:00	6.94	25.56					7.166209266	88.11506814			0.23	3.26	Excellent
5277	07/19/21 22:00:00	6.96	25.58					7.187366506	88.40754995			0.23	3.27	Excellent
5278	07/19/21 22:30:00	6.96	25.56					7.187871845	88.38142927			0.23	3.27	Excellent
5279	07/19/21 23:00:00	6.98	25.56					7.209033441	88.64163037			0.23	3.28	Excellent
5280	07/19/21 23:30:00	6.98	25.54				6.847	7.209540233	88.61543064		6.994	0.23	3.29	Excellent
5281	07/20/21 00:00:00	6.98	25.52	6.91	7.15	7.02750		7.210047025	88.58922919	7.176		0.23	3.30	Excellent
5282	07/20/21 00:30:00	7.00	25.52					7.23121443	88.84931128			0.23	3.30	Excellent
5283	07/20/21 01:00:00	7.02	25.48					7.252384739	89.04419548			0.23	3.31	Excellent
5284	07/20/21 01:30:00	7.01	25.46					7.242562676	88.89103266			0.23	3.32	Excellent
5285	07/20/21 02:00:00	7.00	25.44					7.232739162	88.7379432			0.23	3.32	Excellent
5286	07/20/21 02:30:00	6.99	25.40					7.222914195	88.55245563			0.23	3.33	Excellent
5287	07/20/21 03:00:00	6.99	25.38					7.223421713	88.52620685			0.23	3.34	Excellent
5288	07/20/21 03:30:00	6.98	25.34					7.213594569	88.34092586			0.23	3.35	Excellent
5289	07/20/21 04:00:00	6.98	25.32					7.21410136	88.3147117			0.23	3.35	Excellent
5290	07/20/21 04:30:00	6.96	25.28					7.193935923	88.00319587			0.23	3.36	Excellent
5291	07/20/21 05:00:00	6.94	25.26					7.173767581	87.72424628			0.23	3.37	Excellent
5292	07/20/21 05:30:00	6.95	25.22					7.184609035	87.79226995			0.23	3.38	Excellent
5293	07/20/21 06:00:00	6.93	25.18					7.164437063	87.48142029			0.23	3.38	Excellent
5294	07/20/21 06:30:00	6.92	25.14					7.154601205	87.29706053			0.23	3.39	Excellent
5295	07/20/21 07:00:00	6.92	25.10					7.155103641	87.23893866			0.24	3.40	Excellent
5296	07/20/21 07:30:00	6.91	25.04					7.145265605	87.02276269			0.24	3.40	Excellent
5297	07/20/21 08:00:00	6.91	25.00					7.145767315	86.96473218			0.24	3.41	Excellent
5298	07/20/21 08:30:00	6.91	24.94					7.146269024	86.87464065			0.24	3.42	Excellent
5299	07/20/21 09:00:00	6.92	24.90					7.157113383	86.94225651			0.24	3.43	Excellent
5300	07/20/21 09:30:00	6.93	24.86					7.167959194	87.00970642			0.24	3.43	Excellent
5301	07/20/21 10:00:00	6.95	24.86					7.189150559	87.26694204			0.24	3.44	Excellent
5302	07/20/21 10:30:00	6.96	24.86					7.20	87.39864015			0.24	3.45	Excellent
5303	07/20/21 11:00:00	7.02	24.90					7.09	86.09173778			0.07	1.00	Excellent
5304	07/20/21 11:30:00	7.05	24.94					7.120703434	86.52841991			0.07	1.00	Excellent
5305	07/20/21 12:00:00	7.05	25.00					7.121107722	86.62914801			0.07	1.01	Excellent
5306	07/20/21 12:30:00	7.07	25.04					7.141714882	86.94391211			0.07	1.01	Excellent
5307	07/20/21 13:00:00	7.07	25.10					7.142120317	87.04498728			0.07	1.02	Excellent
5308	07/20/21 13:30:00	7.08	25.14					7.152628335	87.23725535			0.07	1.03	Excellent
5309	07/20/21 14:00:00	7.09	25.20					7.1631375	87.46189456			0.07	1.03	Excellent
5310	07/20/21 14:30:00	7.08	25.24					7.153440353	87.40772847			0.07	1.04	Excellent
5311	07/20/21 15:00:00	7.09	25.28					7.163950664	87.60049532			0.07	1.04	Excellent
5312	07/20/21 15:30:00	7.09	25.34					7.164357247	87.70200578			0.07	1.05	Excellent
5313	07/20/21 16:00:00	7.08	25.38					7.154658379	87.64756377			0.07	1.05	Excellent
5314	07/20/21 16:30:00	7.08	25.40					7.155064388	87.68468658			0.08	1.06	Excellent
5315	07/20/21 17:00:00	7.10	25.44					7.17568359	88.00186489			0.08	1.07	Excellent
5316	07/20/21 17:30:00	7.12	25.46					7.196305086	88.28710765			0.08	1.07	Excellent
5317	07/20/21 18:00:00	7.14	25.48					7.216928876	88.57256675			0.08	1.08	Excellent
5318	07/20/21 18:30:00	7.15	25.48					7.227446642	88.70165013			0.08	1.08	Excellent
5319	07/20/21 19:00:00	7.15	25.48					7.227856665	88.7066823			0.08	1.09	Excellent
5320	07/20/21 19:30:00	7.15	25.48					7.228266689	88.71171447			0.08	1.09	Excellent
5321	07/20/21 20:00:00	7.13	25.46					7.208456637	88.43618766			0.08	1.10	Excellent
5322	07/20/21 20:30:00	7.12	25.44					7.198754902	88.28480915			0.08	1.11	Excellent
5323	07/20/21 21:00:00	7.10	25.42					7.178940836	88.00954949			0.08	1.11	Excellent
5324	07/20/21 21:30:00	7.08	25.38					7.159124477	87.70227533			0.08	1.12	Excellent
5325	07/20/21 22:00:00	7.06	25.36					7.139305823	87.42741308			0.08	1.12	Excellent
5326	07/20/21 22:30:00	7.05	25.36					7.12959778	87.30852911			0.08	1.13	Excellent
5327	07/20/21 23:00:00	7.04	25.32					7.119888591	87.12566303			0.08	1.13	Excellent

5328	07/20/21 23:30:00	7.02	25.30				6.874	7.100064203	86.85118233		7.027	0.08	1.14	Excellent
5329	07/21/21 00:00:00	7.02	25.28	6.99	7.37	7.20938		7.100466771	86.82421687	7.302		0.08	1.15	Excellent
5330	07/21/21 00:30:00	7.00	25.26					7.080638942	86.54996494			0.08	1.15	Excellent
5331	07/21/21 01:00:00	7.00	25.24					7.081040363	86.52307461			0.08	1.16	Excellent
5332	07/21/21 01:30:00	7.00	25.22					7.081441784	86.49618343			0.08	1.16	Excellent
5333	07/21/21 02:00:00	6.99	25.20					7.071726287	86.34576383			0.08	1.17	Excellent
5334	07/21/21 02:30:00	7.00	25.18					7.082244627	86.4423985			0.08	1.17	Excellent
5335	07/21/21 03:00:00	7.01	25.16					7.092764114	86.53895547			0.08	1.18	Excellent
5336	07/21/21 03:30:00	7.02	25.14					7.103284748	86.63543474			0.08	1.19	Excellent
5337	07/21/21 04:00:00	7.01	25.12					7.093568103	86.48508856			0.08	1.19	Excellent
5338	07/21/21 04:30:00	7.04	25.10					7.124329456	86.82816017			0.08	1.20	Excellent
5339	07/21/21 05:00:00	7.06	25.08					7.14497389	87.04770334			0.08	1.20	Excellent
5340	07/21/21 05:30:00	7.08	25.08					7.165620618	87.29924384			0.09	1.21	Excellent
5341	07/21/21 06:00:00	7.12	25.10					7.206512653	87.82977244			0.09	1.22	Excellent
5342	07/21/21 06:30:00	7.15	25.10					7.237287196	88.20483889			0.09	1.22	Excellent
5343	07/21/21 07:00:00	7.18	25.12					7.26806518	88.61256445			0.09	1.23	Excellent
5344	07/21/21 07:30:00	7.19	25.14					7.27860015	88.77367454			0.09	1.23	Excellent
5345	07/21/21 08:00:00	7.22	25.16					7.309383868	89.18193738			0.09	1.24	Excellent
5346	07/21/21 08:30:00	7.21	25.18					7.299673531	89.09622889			0.09	1.24	Excellent
5347	07/21/21 09:00:00	7.23	25.20					7.32033689	89.3812988			0.09	1.25	Excellent
5348	07/21/21 09:30:00	7.23	25.20					7.320751501	89.38636119			0.09	1.26	Excellent
5349	07/21/21 10:00:00	7.25	25.22					7.3414183	89.67166337			0.09	1.26	Excellent
5350	07/21/21 10:30:00	7.26	25.24					7.351960725	89.83344448			0.09	1.27	Excellent
5351	07/21/21 11:00:00	7.25	25.22					7.342249815	89.6818199			0.09	1.27	Excellent
5352	07/21/21 11:30:00	7.26	25.22					7.352793387	89.81060424			0.09	1.28	Excellent
5353	07/21/21 12:00:00	7.26	25.22					7.353209718	89.81568951			0.09	1.28	Excellent
5354	07/21/21 12:30:00	7.26	25.22					7.353626049	89.82077478			0.09	1.29	Excellent
5355	07/21/21 13:00:00	7.26	25.20					7.354042381	89.79284277			0.09	1.30	Excellent
5356	07/21/21 13:30:00	7.26	25.18					7.354458712	89.76490988			0.09	1.30	Excellent
5357	07/21/21 14:00:00	7.26	25.16					7.354875043	89.73697611			0.09	1.31	Excellent
5358	07/21/21 14:30:00	7.25	25.12					7.345160119	89.55250927			0.10	1.31	Excellent
5359	07/21/21 15:00:00	7.25	25.08					7.345575876	89.49165099			0.10	1.32	Excellent
5360	07/21/21 15:30:00	7.27	25.04					7.366256438	89.67750225			0.10	1.32	Excellent
5361	07/21/21 16:00:00	7.26	25.00					7.356540367	89.49321499			0.10	1.33	Excellent
5362	07/21/21 16:30:00	7.27	24.96					7.367090248	89.55546937			0.10	1.34	Excellent
5363	07/21/21 17:00:00	7.29	24.90					7.387775397	89.70753488			0.10	1.34	Excellent
5364	07/21/21 17:30:00	7.30	24.86					7.398328145	89.76933573			0.10	1.35	Excellent
5365	07/21/21 18:00:00	7.30	24.84					7.39874677	89.74124859			0.10	1.35	Excellent
5366	07/21/21 18:30:00	7.31	24.82					7.409301238	89.83605527			0.10	1.36	Excellent
5367	07/21/21 19:00:00	7.31	24.82					7.409720436	89.84113796			0.10	1.36	Excellent
5368	07/21/21 19:30:00	7.32	24.82					7.420276625	89.96912929			0.10	1.37	Excellent
5369	07/21/21 20:00:00	7.34	24.84					7.440971523	90.25340318			0.10	1.38	Excellent
5370	07/21/21 20:30:00	7.34	24.80					7.441392442	90.19180157			0.10	1.38	Excellent
5371	07/21/21 21:00:00	7.35	24.74					7.451952071	90.21960612			0.10	1.39	Excellent
5372	07/21/21 21:30:00	7.36	24.70					7.462512847	90.2805959			0.10	1.39	Excellent
5373	07/21/21 22:00:00	7.36	24.66					7.462934913	90.21884173			0.10	1.40	Excellent
5374	07/21/21 22:30:00	7.36	24.60					7.463356979	90.12366925			0.10	1.40	Excellent
5375	07/21/21 23:00:00	7.36	24.56					7.463779044	90.06192642			0.10	1.41	Excellent
5376	07/21/21 23:30:00	7.37	24.54				6.901	7.474342688	90.15593017		7.053	0.10	1.42	Excellent
5377	07/22/21 00:00:00	7.36	24.54	7.32	7.37	7.34875		7.464623176	90.03869289	7.463		0.10	1.42	Excellent
5378	07/22/21 00:30:00	7.36	24.54					7.465045241	90.04378387			0.11	1.43	Excellent
5379	07/22/21 01:00:00	7.36	24.52					7.465467307	90.01545462			0.11	1.43	Excellent
5380	07/22/21 01:30:00	7.36	24.52					7.465889373	90.02054371			0.11	1.44	Excellent
5381	07/22/21 02:00:00	7.36	24.50					7.466311439	89.99221163			0.11	1.44	Excellent
5382	07/22/21 02:30:00	7.36	24.50					7.466733504	89.99729883			0.11	1.45	Excellent
5383	07/22/21 03:00:00	7.36	24.50					7.46715557	90.00238603			0.11	1.46	Excellent
5384	07/22/21 03:30:00	7.34	24.48					7.447285305	89.72955451			0.11	1.46	Excellent
5385	07/22/21 04:00:00	7.36	24.48					7.467999701	89.97913452			0.11	1.47	Excellent
5386	07/22/21 04:30:00	7.33	24.48					7.437979831	89.61743633			0.11	1.47	Excellent
5387	07/22/21 05:00:00	7.34	24.46					7.448548062	89.71143295			0.11	1.48	Excellent
5388	07/22/21 05:30:00	7.33	24.46					7.438820521	89.594273			0.11	1.48	Excellent
5389	07/22/21 06:00:00	7.34	24.46					7.449389899	89.72157217			0.11	1.49	Excellent
5390	07/22/21 06:30:00	7.33	24.46					7.439661212	89.6043984			0.11	1.50	Excellent
5391	07/22/21 07:00:00	7.33	24.46					7.440081557	89.6094611			0.11	1.50	Excellent
5392	07/22/21 07:30:00	7.33	24.46					7.440501903	89.61452381			0.11	1.51	Excellent
5393	07/22/21 08:00:00	7.34	24.48					7.451073574	89.77519795			0.11	1.51	Excellent
5394	07/22/21 08:30:00	7.34	24.48					7.451494493	89.78026944			0.11	1.52	Excellent
5395	07/22/21 09:00:00	7.34	24.50					7.451915412	89.81869485			0.11	1.52	Excellent
5396	07/22/21 09:30:00	7.35	24.50					7.462489377	89.94614393			0.11	1.53	Excellent
5397	07/22/21 10:00:00	7.35	24.50					7.46291087	89.95122422			0.11	1.54	Excellent
5398	07/22/21 10:30:00	7.34	24.52					7.453178168	89.86727737			0.11	1.54	Excellent
5399	07/22/21 11:00:00	7.35	24.54					7.463753854	90.02820708			0.11	1.55	Excellent
5400	07/22/21 11:30:00	7.34	24.56					7.454020006	89.94416868			0.11	1.55	Excellent
5401	07/22/21 12:00:00	7.32	24.58					7.434129096	89.73743996			0.11	1.56	Excellent
5402	07/22/21 12:30:00	7.34	24.60					7.454861843	90.02108636			0.11	1.56	Excellent
5403	07/22/21 13:00:00	7.36	24.62					7.475596884	90.30494898			0.12	1.57	Excellent
5404	07/22/21 13:30:00	7.36	24.62					7.47601895	90.31004752			0.12	1.58	Excellent
5405	07/22/21 14:00:00	7.36	24.64					7.476441016	90.34862959			0.12	1.58	Excellent
5406	07/22/21 14:30:00	7.35	24.66					7.4667043	90.26440956			0.12	1.59	Excellent
5407	07/22/21 15:00:00	7.36	24.68					7.477285147	90.42581359			0.12	1.59	Excellent
5408	07/22/21 15:30:00	7.37	24.68					7.487867141	90.5537859			0.12	1.60	Excellent
5409	07/22/21 16:00:00	7.37	24.70					7.48828978	90.59244218			0.12	1.61	Excellent
5410	07/22/21 16:30:00	7.37	24.74					7.488712419	90.66465784			0.12	1.61	Excellent
5411	07/22/21 17:00:00	7.36	24.76					7.47897341	90.58026115			0.12	1.62	Excellent
5412	07/22/21 17:30:00	7.36	24.78					7.479395476	90.61888963			0.12	1.62	Excellent
5413	07/22/21 18:00:00	7.36	24.78					7.479817541	90.62400329			0.12	1.63	Excellent
5414	07/22/21 18:30:00	7.35	24.80					7.470076238	90.53945737			0.12	1.63	Excellent
5415	07/22/21 19:00:00	7.35	24.80					7.47049773	90.54456598			0.12	1.64	Excellent
5416	07/22/21 19:30:00	7.35	24.80					7.470919222	90.54967458			0.12	1.65	Excellent
5417	07/22/21 20:00:00	7.35	24.78					7.471340715	90.52129973			0.12	1.65	Excellent
5418	07/22/21 20:30:00	7.35	24.76					7.471762207	90.49292395			0.12	1.66	Excellent
5419	07/22/21 21:00:00	7.33	24.74					7.451851226	90.21838521			0.12	1.66	Excellent
5420	07/22/21 21:30:00	7.35	24.72					7.472605191	90.43616961			0.12	1.67	Excellent
5421	07/22/21 22:00:00	7.34	24.70					7.4628593	90.28478725			0.12	1.67	Excellent
5422	07/22/21 22:30:00	7.34	24.68					7.463280219	90.25644637			0.12	1.68	Excellent
5423	07/22/21 23:00:00	7.35	24.64					7.473869668	90.31755628			0.12	1.69	Excellent
5424	07/22/21 23:30:00	7.34	24.62				6.950	7.464122057	90.16633347		7.101	0.12	1.69	Excellent
5425	07/23/21 00:00:00	7.35	24.58	7.29	7.40	7.33563		7.474712653	90.22732443	7.470		0.12	1.70	Excellent
5426	07/23/21 00:30:00	7.35	24.54					7.475134145	90.16547677			0.13	1.70	Excellent
5427	07/23/21 01:00:00	7.35	24.50					7.475555637	90.10363289			0.13	1.71	Excellent
5428	07/23/21 01:30:00	7.34	24.46					7.465805732	89.91928693			0.13	1.71	Excellent
5429	07/23/21 02:00:00	7.36	24.42					7.486570593	90.10237811			0.13	1.72	Excellent
5430	07/23/21 02:30:00	7.34	24.36					7.466647569	89.76238323			0.13	1.73	Excellent
5431	07/23/21 03:00:00	7.34	24.32					7.467068488	89.70064217			0.13	1.73	Excellent
5432	07/23/21 03:30:00	7.35	24.26					7.477663098	89.72759048			0.13	1.74	Excellent
5433	07/23/21 04:00:00	7.34	24.22					7.467910326	89.54378217			0.13	1.74	Excellent
5434	07/23/21 04:30:00	7.35	24.18					7.478506083	89.60396604			0.13	1.75	Excellent
5435	07/23/21 05:00:00	7.34	24.14					7.468752163	89.42033324			0.13	1.75	Excellent
5436	07/23/21 05:30:00	7.35	24.10					7.479349067	89.48035622			0.13	1.76	Excellent
5437	07/23/21 06:00:00	7.35	24.06					7.47977056	89.41855677			0.13	1.77	Excellent
5438	07/23/21 06:30:00	7.34	24.02					7.47001492	89.23518711			0.13	1.77	Excellent
5439	07/23/21 07:00:00	7.34	24.00					7.470435839	89.20684574			0.13	1.78	Excellent
5440	07/23/21 07:30:00	7.34	23.96					7.470856757	89.1451375			0.13	1.78	Excellent
5441	07/23/21 08:00:00	7.33	23.94					7.461098824	88.99538254			0.13	1.79	Excellent
5442	07/23/21 08:30:00	7.34	23.94					7.471698595	89.12181575			0.13	1.79	Excellent
5443	07/23/21 09:00:00	7.33	23.94					7.461939514	89.00541023			0.13	1.80	Excellent

5444	07/23/21 09:30:00	7.33	23.94					7.46235986	89.01042408			0.13	1.81	Excellent
5445	07/23/21 10:00:00	7.34	23.94					7.472961351	89.13687781			0.13	1.81	Excellent
5446	07/23/21 10:30:00	7.33	23.94					7.46320055	89.02045177			0.13	1.82	Excellent
5447	07/23/21 11:00:00	7.33	23.96					7.463620896	89.05879642			0.13	1.82	Excellent
5448	07/23/21 11:30:00	7.34	24.00					7.474224108	89.25208267			0.13	1.83	Excellent
5449	07/23/21 12:00:00	7.33	24.04					7.464461586	89.20219385			0.13	1.83	Excellent
5450	07/23/21 12:30:00	7.34	24.06					7.475065945	89.36231442			0.14	1.84	Excellent
5451	07/23/21 13:00:00	7.34	24.12					7.475486864	89.46755622			0.14	1.85	Excellent
5452	07/23/21 13:30:00	7.32	24.16					7.455537462	89.29544148			0.14	1.85	Excellent
5453	07/23/21 14:00:00	7.32	24.20					7.455957234	89.3671262			0.14	1.86	Excellent
5454	07/23/21 14:30:00	7.33	24.24					7.466563313	89.5610138			0.14	1.86	Excellent
5455	07/23/21 15:00:00	7.34	24.26					7.477170539	89.72168006			0.14	1.87	Excellent
5456	07/23/21 15:30:00	7.33	24.28					7.467404004	89.63787964			0.14	1.87	Excellent
5457	07/23/21 16:00:00	7.34	24.32					7.478012377	89.83210927			0.14	1.88	Excellent
5458	07/23/21 16:30:00	7.30	24.36					7.437678891	89.41412819			0.14	1.89	Excellent
5459	07/23/21 17:00:00	7.29	24.40					7.427908341	89.3631309			0.14	1.89	Excellent
5460	07/23/21 17:30:00	7.31	24.42					7.448705889	89.64666881			0.14	1.90	Excellent
5461	07/23/21 18:00:00	7.29	24.44					7.428744444	89.43967061			0.14	1.90	Excellent
5462	07/23/21 18:30:00	7.29	24.48					7.429162495	89.51119955			0.14	1.91	Excellent
5463	07/23/21 19:00:00	7.29	24.50					7.429580547	89.54949045			0.14	1.91	Excellent
5464	07/23/21 19:30:00	7.30	24.50					7.44019064	89.67737499			0.14	1.92	Excellent
5465	07/23/21 20:00:00	7.31	24.50					7.450801881	89.80527335			0.14	1.93	Excellent
5466	07/23/21 20:30:00	7.33	24.48					7.471607457	90.02260302			0.14	1.93	Excellent
5467	07/23/21 21:00:00	7.33	24.44					7.472027802	89.96078819			0.14	1.94	Excellent
5468	07/23/21 21:30:00	7.36	24.42					7.503031155	90.30048428			0.14	1.94	Excellent
5469	07/23/21 22:00:00	7.36	24.40					7.503453221	90.27199066			0.14	1.95	Excellent
5470	07/23/21 22:30:00	7.37	24.36					7.514070769	90.33249443			0.14	1.95	Excellent
5471	07/23/21 23:00:00	7.39	24.34					7.534885521	90.54901937			0.14	1.96	Excellent
5472	07/23/21 23:30:00	7.40	24.30				7.038	7.545505937	90.60915087		7.189	0.15	1.97	Excellent
5473	07/24/21 00:00:00	7.41	24.28	7.36	7.48	7.39854		7.556127499	90.70290653	7.554		0.15	1.97	Excellent
5474	07/24/21 00:30:00	7.39	24.24					7.536156879	90.39578477			0.15	1.98	Excellent
5475	07/24/21 01:00:00	7.41	24.20					7.556977365	90.57795381			0.15	1.98	Excellent
5476	07/24/21 01:30:00	7.39	24.18					7.537004451	90.30486616			0.15	1.99	Excellent
5477	07/24/21 02:00:00	7.40	24.14					7.547627734	90.36467838			0.15	1.99	Excellent
5478	07/24/21 02:30:00	7.39	24.12					7.537852023	90.2139502			0.15	2.00	Excellent
5479	07/24/21 03:00:00	7.38	24.08					7.528075166	90.02966022			0.15	2.01	Excellent
5480	07/24/21 03:30:00	7.36	24.06					7.508095944	89.75717878			0.15	2.01	Excellent
5481	07/24/21 04:00:00	7.37	24.02					7.5187198	89.8170051			0.15	2.02	Excellent
5482	07/24/21 04:30:00	7.37	24.00					7.519142439	89.78846672			0.15	2.02	Excellent
5483	07/24/21 05:00:00	7.38	23.96					7.529768016	89.84808931			0.15	2.03	Excellent
5484	07/24/21 05:30:00	7.41	23.94					7.560801762	90.18463112			0.15	2.04	Excellent
5485	07/24/21 06:00:00	7.39	23.90					7.540818526	89.87892999			0.15	2.04	Excellent
5486	07/24/21 06:30:00	7.38	23.86					7.531037654	89.69510771			0.15	2.05	Excellent
5487	07/24/21 07:00:00	7.40	23.84					7.55187133	89.90952712			0.15	2.05	Excellent
5488	07/24/21 07:30:00	7.41	23.80					7.562501494	89.96857725			0.15	2.06	Excellent
5489	07/24/21 08:00:00	7.40	23.78					7.552720049	89.81850432			0.15	2.06	Excellent
5490	07/24/21 08:30:00	7.41	23.76					7.56335136	89.91118311			0.15	2.07	Excellent
5491	07/24/21 09:00:00	7.41	23.72					7.563776293	89.84873728			0.15	2.08	Excellent
5492	07/24/21 09:30:00	7.39	23.70					7.543785029	89.57760935			0.15	2.08	Excellent
5493	07/24/21 10:00:00	7.39	23.68					7.544208815	89.54898714			0.15	2.09	Excellent
5494	07/24/21 10:30:00	7.38	23.68					7.534423355	89.43283473			0.15	2.09	Excellent
5495	07/24/21 11:00:00	7.39	23.68					7.545056387	89.55904773			0.16	2.10	Excellent
5496	07/24/21 11:30:00	7.36	23.70					7.514848995	89.23401251			0.15	2.10	Excellent
5497	07/24/21 12:00:00	7.37	23.74					7.525482027	89.42742299			0.16	2.11	Excellent
5498	07/24/21 12:30:00	7.38	23.78					7.536116206	89.62104799			0.16	2.12	Excellent
5499	07/24/21 13:00:00	7.41	23.82					7.567175757	90.05795903			0.16	2.12	Excellent
5500	07/24/21 13:30:00	7.41	23.88					7.56760069	90.16435957			0.16	2.13	Excellent
5501	07/24/21 14:00:00	7.39	23.92					7.547599103	89.99344784			0.16	2.13	Excellent
5502	07/24/21 14:30:00	7.39	23.96					7.548022889	90.06591348			0.16	2.14	Excellent
5503	07/24/21 15:00:00	7.39	24.02					7.548446675	90.17211594			0.16	2.14	Excellent
5504	07/24/21 15:30:00	7.40	24.08					7.559085442	90.40051792			0.16	2.15	Excellent
5505	07/24/21 16:00:00	7.38	24.14					7.539078694	90.2623242			0.16	2.16	Excellent
5506	07/24/21 16:30:00	7.36	24.20					7.519069652	90.12359184			0.16	2.16	Excellent
5507	07/24/21 17:00:00	7.39	24.26					7.55014182	90.59729282			0.16	2.17	Excellent
5508	07/24/21 17:30:00	7.37	24.32					7.530131058	90.45820225			0.16	2.17	Excellent
5509	07/24/21 18:00:00	7.39	24.40					7.550989392	90.84388532			0.16	2.18	Excellent
5510	07/24/21 18:30:00	7.38	24.46					7.541194757	90.82728369			0.16	2.18	Excellent
5511	07/24/21 19:00:00	7.37	24.52					7.531398975	90.81043085			0.16	2.19	Excellent
5512	07/24/21 19:30:00	7.40	24.58					7.562480318	91.28676872			0.16	2.20	Excellent
5513	07/24/21 20:00:00	7.40	24.64					7.562904678	91.39349483			0.16	2.20	Excellent
5514	07/24/21 20:30:00	7.41	24.70					7.573549752	91.62390722			0.16	2.21	Excellent
5515	07/24/21 21:00:00	7.44	24.74					7.60463855	92.06815719			0.16	2.21	Excellent
5516	07/24/21 21:30:00	7.44	24.74					7.605065204	92.07332262			0.17	2.22	Excellent
5517	07/24/21 22:00:00	7.46	24.76					7.625936728	92.36018133			0.17	2.22	Excellent
5518	07/24/21 22:30:00	7.47	24.76					7.636587537	92.48917672			0.17	2.23	Excellent
5519	07/24/21 23:00:00	7.48	24.76					7.647239493	92.618186			0.17	2.24	Excellent
5520	07/24/21 23:30:00	7.48	24.74				7.140	7.64766844	92.58911327		7.290	0.17	2.24	Excellent
5521	07/25/21 00:00:00	7.48	24.74	7.36	7.51	7.45313		7.648097387	92.59430646	7.631		0.17	2.25	Excellent
5522	07/25/21 00:30:00	7.48	24.72					7.648526334	92.56523088			0.17	2.25	Excellent
5523	07/25/21 01:00:00	7.49	24.70					7.659181158	92.65986581			0.17	2.26	Excellent
5524	07/25/21 01:30:00	7.47	24.68					7.639157779	92.38340437			0.17	2.26	Excellent
5525	07/25/21 02:00:00	7.48	24.64					7.649813176	92.44373568			0.17	2.27	Excellent
5526	07/25/21 02:30:00	7.47	24.62					7.640014527	92.29110835			0.17	2.28	Excellent
5527	07/25/21 03:00:00	7.46	24.58					7.630214731	92.10439143			0.17	2.28	Excellent
5528	07/25/21 03:30:00	7.45	24.56					7.620413788	91.95196452			0.17	2.29	Excellent
5529	07/25/21 04:00:00	7.48	24.54					7.651528965	92.29316074			0.17	2.29	Excellent
5530	07/25/21 04:30:00	7.44	24.54					7.611038351	91.80476074			0.17	2.30	Excellent
5531	07/25/21 05:00:00	7.43	24.52					7.601234541	91.65247864			0.17	2.30	Excellent
5532	07/25/21 05:30:00	7.48	24.52					7.652815807	92.27442377			0.17	2.31	Excellent
5533	07/25/21 06:00:00	7.47	24.52					7.643013143	92.15622739			0.17	2.32	Excellent
5534	07/25/21 06:30:00	7.48	24.50					7.653673701	92.25050804			0.17	2.32	Excellent
5535	07/25/21 07:00:00	7.49	24.48					7.664335406	92.34470997			0.17	2.33	Excellent
5536	07/25/21 07:30:00	7.47	24.44					7.644298264	92.03486861			0.17	2.33	Excellent
5537	07/25/21 08:00:00	7.50	24.42					7.675428352	92.37531911			0.18	2.34	Excellent
5538	07/25/21 08:30:00	7.50	24.38					7.675858446	92.31180893			0.18	2.34	Excellent
5539	07/25/21 09:00:00	7.51	24.34					7.686523591	92.37130035			0.18	2.35	Excellent
5540	07/25/21 09:30:00	7.50	24.30					7.676718634	92.18480016			0.18	2.36	Excellent
5541	07/25/21 10:00:00	7.51	24.26					7.687384926	92.24412995			0.18	2.36	Excellent
5542	07/25/21 10:30:00	7.48	24.24					7.657105279	91.84655413			0.18	2.37	Excellent
5543	07/25/21 11:00:00	7.49	24.22					7.667771571	91.94021317			0.18	2.37	Excellent
5544	07/25/21 11:30:00	7.49	24.22					7.668201092	91.94536333			0.18	2.38	Excellent
5545	07/25/21 12:00:00	7.47	24.22					7.648153628	91.70498474			0.18	2.38	Excellent
5546	07/25/21 12:30:00	7.46	24.24					7.638342936	91.62150087			0.18	2.39	Excellent
5547	07/25/21 13:00:00	7.47	24.24					7.649010376	91.74945622			0.18	2.40	Excellent
5548	07/25/21 13:30:00	7.44	24.26					7.618718112	91.42016827			0.18	2.40	Excellent
5549	07/25/21 14:00:00	7.45	24.28					7.629385551	91.58228796			0.18	2.41	Excellent
5550	07/25/21 14:30:00	7.43	24.32					7.609330059	91.40960658			0.18	2.41	Excellent
5551	07/25/21 15:00:00	7.42	24.36					7.599514206	91.35967651			0.18	2.42	Excellent
5552	07/25/21 15:30:00	7.43	24.38					7.610182219	91.52197007			0.18	2.43	Excellent
5553	07/25/21 16:00:00	7.45	24.42					7.631094459	91.84175182			0.18	2.43	Excellent
5554	07/25/21 16:30:00	7.45	24.44					7.631521685	91.88104275			0.18	2.44	Excellent
5555	07/25/21 17:00:00	7.45	24.48					7.631948912	91.95449722			0.18	2.44	Excellent
5556	07/25/21 17:30:00	7.44	24.54					7.622131339	91.93856497			0.18	2.45	Excellent
5557	07/25/21 18:00:00	7.43	24.60					7.612312619	91.92238113			0.18	2.45	Excellent
5558	07/25/21 18:30:00	7.43	24.62					7.612738699	91.9616173			0.18	2.46	Excellent
5559	07/25/21 19:00:00	7.41	24.66					7.592671737	91.78722014			0.18	2.47	Excellent

5560	07/25/21 19:30:00	7.41	24.70					7.59309667	91.86038352			0.18	2.47	Excellent
5561	07/25/21 20:00:00	7.42	24.72					7.603769271	92.02356472			0.18	2.48	Excellent
5562	07/25/21 20:30:00	7.40	24.74					7.583698295	91.81463683			0.18	2.48	Excellent
5563	07/25/21 21:00:00	7.36	24.76					7.543127397	91.3572508			0.18	2.49	Excellent
5564	07/25/21 21:30:00	7.41	24.78					7.594796402	92.01706464			0.18	2.49	Excellent
5565	07/25/21 22:00:00	7.42	24.80					7.605471297	92.18048415			0.19	2.50	Excellent
5566	07/25/21 22:30:00	7.41	24.80					7.595646268	92.061402			0.19	2.51	Excellent
5567	07/25/21 23:00:00	7.39	24.82					7.575568985	91.85201306			0.19	2.51	Excellent
5568	07/25/21 23:30:00	7.40	24.84				7.236	7.586244453	92.01545484		7.385	0.19	2.52	Excellent
5569	07/26/21 00:00:00	7.39	24.86	7.15	7.40	7.30646		7.576416557	91.9302129	7.501		0.19	2.52	Excellent
5570	07/26/21 00:30:00	7.39	24.88					7.576840343	91.96932288			0.19	2.53	Excellent
5571	07/26/21 01:00:00	7.38	24.88					7.567010727	91.85000888			0.19	2.53	Excellent
5572	07/26/21 01:30:00	7.38	24.88					7.56743394	91.85514593			0.19	2.54	Excellent
5573	07/26/21 02:00:00	7.36	24.90					7.547348054	91.64517766			0.19	2.55	Excellent
5574	07/26/21 02:30:00	7.35	24.88					7.537514998	91.49198335			0.19	2.55	Excellent
5575	07/26/21 03:00:00	7.35	24.88					7.53793649	91.49709952			0.19	2.56	Excellent
5576	07/26/21 03:30:00	7.33	24.88					7.517845443	91.25323006			0.19	2.56	Excellent
5577	07/26/21 04:00:00	7.36	24.88					7.549036317	91.63183161			0.19	2.57	Excellent
5578	07/26/21 04:30:00	7.37	24.88					7.559715799	91.76146147			0.19	2.57	Excellent
5579	07/26/21 05:00:00	7.36	24.86					7.549880449	91.60823086			0.19	2.58	Excellent
5580	07/26/21 05:30:00	7.38	24.86					7.570819641	91.86230142			0.19	2.59	Excellent
5581	07/26/21 06:00:00	7.37	24.86					7.560983717	91.74295495			0.19	2.59	Excellent
5582	07/26/21 06:30:00	7.35	24.84					7.540886936	91.46530218			0.19	2.60	Excellent
5583	07/26/21 07:00:00	7.32	24.84					7.510527577	91.09706594			0.19	2.60	Excellent
5584	07/26/21 07:30:00	7.40	24.84					7.593034205	92.09780945			0.19	2.61	Excellent
5585	07/26/21 08:00:00	7.39	24.82					7.583197134	91.9445026			0.19	2.61	Excellent
5586	07/26/21 08:30:00	7.40	24.80					7.593882924	92.04002977			0.19	2.62	Excellent
5587	07/26/21 09:00:00	7.40	24.78					7.594307284	92.01113858			0.19	2.63	Excellent
5588	07/26/21 09:30:00	7.36	24.76					7.55367904	91.48504515			0.19	2.63	Excellent
5589	07/26/21 10:00:00	7.35	24.74					7.543837381	91.33204705			0.19	2.64	Excellent
5590	07/26/21 10:30:00	7.34	24.74					7.533994576	91.21288176			0.19	2.64	Excellent
5591	07/26/21 11:00:00	7.31	24.72					7.503620881	90.8115327			0.19	2.65	Excellent
5592	07/26/21 11:30:00	7.33	24.74					7.524570969	91.09879163			0.19	2.65	Excellent
5593	07/26/21 12:00:00	7.31	24.76					7.504459278	90.88892873			0.19	2.66	Excellent
5594	07/26/21 12:30:00	7.35	24.76					7.545944843	91.39137379			0.20	2.67	Excellent
5595	07/26/21 13:00:00	7.33	24.78					7.525832005	91.18150552			0.20	2.67	Excellent
5596	07/26/21 13:30:00	7.33	24.78					7.52625235	91.18659834			0.20	2.68	Excellent
5597	07/26/21 14:00:00	7.33	24.80					7.526672695	91.2254226			0.20	2.68	Excellent
5598	07/26/21 14:30:00	7.31	24.82					7.50655527	91.0152378			0.20	2.69	Excellent
5599	07/26/21 15:00:00	7.32	24.84					7.517243927	91.17853022			0.20	2.69	Excellent
5600	07/26/21 15:30:00	7.32	24.84					7.517663699	91.18362174			0.20	2.70	Excellent
5601	07/26/21 16:00:00	7.30	24.86					7.497542259	90.97317326			0.20	2.71	Excellent
5602	07/26/21 16:30:00	7.29	24.86					7.487689705	90.853625			0.20	2.71	Excellent
5603	07/26/21 17:00:00	7.31	24.86					7.508651262	91.10796693			0.20	2.72	Excellent
5604	07/26/21 17:30:00	7.29	24.86					7.488525808	90.86377005			0.20	2.72	Excellent
5605	07/26/21 18:00:00	7.25	24.88					7.447852261	90.4036377			0.20	2.73	Excellent
5606	07/26/21 18:30:00	7.25	24.86					7.448268018	90.3752928			0.20	2.73	Excellent
5607	07/26/21 19:00:00	7.21	24.88					7.40758759	89.91489644			0.20	2.74	Excellent
5608	07/26/21 19:30:00	7.19	24.92					7.387451813	89.73673018			0.20	2.75	Excellent
5609	07/26/21 20:00:00	7.16	25.00					7.35703855	89.49927544			0.20	2.75	Excellent
5610	07/26/21 20:30:00	7.15	25.02					7.347173379	89.41222244			0.20	2.76	Excellent
5611	07/26/21 21:00:00	7.17	25.06					7.368136083	89.73344296			0.20	2.76	Excellent
5612	07/26/21 21:30:00	7.15	25.04					7.347993425	89.45516661			0.20	2.77	Excellent
5613	07/26/21 22:00:00	7.15	25.06					7.348403449	89.49312746			0.20	2.77	Excellent
5614	07/26/21 22:30:00	7.18	25.04					7.379647654	89.84052818			0.20	2.78	Excellent
5615	07/26/21 23:00:00	7.17	25.00					7.369780763	89.65428603			0.20	2.79	Excellent
5616	07/26/21 23:30:00	7.17	25.00				7.297	7.370191933	89.65928796		7.442	0.20	2.79	Excellent
5617	07/27/21 00:00:00	7.13	24.98	7.07	7.46	7.23688		7.329483978	89.13119486	7.432		0.20	2.80	Excellent
5618	07/27/21 00:30:00	7.15	24.98					7.350453564	89.38619838			0.20	2.80	Excellent
5619	07/27/21 01:00:00	7.15	25.02					7.350863587	89.45713082			0.20	2.81	Excellent
5620	07/27/21 01:30:00	7.17	25.04					7.371836613	89.74543583			0.20	2.82	Excellent
5621	07/27/21 02:00:00	7.15	25.08					7.351683633	89.56606221			0.20	2.82	Excellent
5622	07/27/21 02:30:00	7.17	25.10					7.372658953	89.85468968			0.20	2.83	Excellent
5623	07/27/21 03:00:00	7.19	25.12					7.393636567	90.14353622			0.20	2.83	Excellent
5624	07/27/21 03:30:00	7.18	25.14					7.383765089	90.056322			0.20	2.84	Excellent
5625	07/27/21 04:00:00	7.19	25.14					7.394461201	90.18677747			0.20	2.84	Excellent
5626	07/27/21 04:30:00	7.17	25.16					7.374303633	89.97402473			0.20	2.85	Excellent
5627	07/27/21 05:00:00	7.16	25.16					7.364429287	89.85354764			0.20	2.86	Excellent
5628	07/27/21 05:30:00	7.15	25.16					7.354553795	89.73305656			0.20	2.86	Excellent
5629	07/27/21 06:00:00	7.15	25.18					7.354963818	89.77107496			0.20	2.87	Excellent
5630	07/27/21 06:30:00	7.13	25.18					7.334799369	89.5249576			0.20	2.87	Excellent
5631	07/27/21 07:00:00	7.11	25.18					7.314632625	89.27881224			0.20	2.88	Excellent
5632	07/27/21 07:30:00	7.11	25.20					7.315040355	89.31662812			0.21	2.88	Excellent
5633	07/27/21 08:00:00	7.07	25.20					7.274292258	88.81909393			0.20	2.89	Excellent
5634	07/27/21 08:30:00	7.13	25.22					7.336434873	89.61079337			0.21	2.90	Excellent
5635	07/27/21 09:00:00	7.11	25.26					7.316263542	89.43011475			0.21	2.90	Excellent
5636	07/27/21 09:30:00	7.14	25.28					7.347543302	89.84545858			0.21	2.91	Excellent
5637	07/27/21 10:00:00	7.16	25.32					7.368535253	90.16833779			0.21	2.91	Excellent
5638	07/27/21 10:30:00	7.13	25.34					7.338070378	89.82850359			0.21	2.92	Excellent
5639	07/27/21 11:00:00	7.13	25.36					7.338479254	89.86647624			0.21	2.92	Excellent
5640	07/27/21 11:30:00	7.18	25.42					7.390352984	90.60133681			0.21	2.93	Excellent
5641	07/27/21 12:00:00	7.15	25.44					7.359884095	90.26088143			0.21	2.94	Excellent
5642	07/27/21 12:30:00	7.14	25.48					7.35	90.20573388			0.21	2.94	Excellent
5643	07/27/21 13:00:00	7.24	25.54					7.42	90.60183897			0.18	2.49	Excellent
5644	07/27/21 13:30:00	7.26	25.54					7.440563749	90.85293243			0.18	2.49	Excellent
5645	07/27/21 14:00:00	7.29	25.58					7.471376667	91.29590354			0.18	2.49	Excellent
5646	07/27/21 14:30:00	7.32	25.64					7.502190134	91.77295626			0.18	2.49	Excellent
5647	07/27/21 15:00:00	7.35	25.70					7.533004151	92.25086779			0.18	2.49	Excellent
5648	07/27/21 15:30:00	7.36	25.72					7.543320565	92.41091324			0.18	2.49	Excellent
5649	07/27/21 16:00:00	7.35	25.72					7.533138824	92.28617985			0.18	2.49	Excellent
5650	07/27/21 16:30:00	7.33	25.74					7.51270764	92.06945812			0.18	2.49	Excellent
5651	07/27/21 17:00:00	7.33	25.78					7.512774793	92.13743938			0.18	2.49	Excellent
5652	07/27/21 17:30:00	7.37	25.84					7.553839719	92.74237398			0.18	2.49	Excellent
5653	07/27/21 18:00:00	7.37	25.86					7.553907239	92.77697921			0.18	2.50	Excellent
5654	07/27/21 18:30:00	7.37	25.86					7.553974758	92.77780848			0.18	2.50	Excellent
5655	07/27/21 19:00:00	7.40	25.90					7.584791432	93.22413602			0.18	2.50	Excellent
5656	07/27/21 19:30:00	7.46	26.00					7.646358085	94.15187051			0.19	2.50	Excellent
5657	07/27/21 20:00:00	7.46	26.06					7.646426429	94.25536294			0.19	2.50	Excellent
5658	07/27/21 20:30:00	7.40	26.00					7.584994815	93.39628641			0.18	2.50	Excellent
5659	07/27/21 21:00:00	7.39	26.00					7.574812525	93.27090885			0.18	2.50	Excellent
5660	07/27/21 21:30:00	7.36	25.92					7.544129699	92.75810693			0.18	2.50	Excellent
5661	07/27/21 22:00:00	7.32	25.92					7.503196055	92.25481133			0.18	2.50	Excellent
5662	07/27/21 22:30:00	7.32	25.92					7.503263116	92.25563587			0.18	2.50	Excellent
5663	07/27/21 23:00:00	7.27	25.90					7.452077922	91.59296365			0.18	2.50	Excellent
5664	07/27/21 23:30:00	7.25	25.88				7.327	7.43164344	91.30856949		7.479	0.18	2.51	Excellent
5665	07/28/21 00:00:00	7.25	25.86	7.10	7.53	7.22771		7.431709861	91.27615278	7.410		0.18	2.51	Excellent
5666	07/28/21 00:30:00	7.23	25.88					7.411274829	91.05831141			0.18	2.51	Excellent
5667	07/28/21 01:00:00	7.19	25.88					7.370337796	90.5553403			0.18	2.51	Excellent
5668	07/28/21 01:30:00	7.19	25.86					7.370403666	90.52319099			0.18	2.51	Excellent
5669	07/28/21 02:00:00	7.20	25.88					7.380720537	90.68290741			0.18	2.51	Excellent
5670	07/28/21 02:30:00	7.22	25.88					7.401288684	90.93561707			0.18	2.51	Excellent
5671	07/28/21 03:00:00	7.20	25.88					7.380852461	90.68452829			0.18	2.51	Excellent
5672	07/28/21 03:30:00	7.17	25.88					7.350164596	90.30748315			0.18	2.51	Excellent
5673	07/28/21 04:00:00	7.17	25.88					7.350230284	90.30829021			0.18	2.51	Excellent
5674	07/28/21 04:30:00	7.17	25.86					7.350295971	90.27622857			0.18	2.51	Excellent
5675	07/28/21 05:00:00	7.16	25.86					7.340110107	90.15112594			0.18	2.52	Excellent

5676	07/28/21 05:30:00	7.16	25.86					7.340175703	90.15193159			0.18	2.52	Excellent
5677	07/28/21 06:00:00	7.14	25.86					7.319737831	89.90091394			0.18	2.52	Excellent
5678	07/28/21 06:30:00	7.14	25.86					7.319803244	89.90171733			0.18	2.52	Excellent
5679	07/28/21 07:00:00	7.13	25.86					7.309616739	89.77660683			0.18	2.52	Excellent
5680	07/28/21 07:30:00	7.13	25.88					7.30968206	89.81009619			0.18	2.52	Excellent
5681	07/28/21 08:00:00	7.11	25.88					7.28924318	89.55897478			0.18	2.52	Excellent
5682	07/28/21 08:30:00	7.11	25.90					7.289308318	89.59237393			0.18	2.52	Excellent
5683	07/28/21 09:00:00	7.12	25.92					7.299625738	89.75183246			0.18	2.52	Excellent
5684	07/28/21 09:30:00	7.12	25.94					7.299690968	89.78528548			0.18	2.52	Excellent
5685	07/28/21 10:00:00	7.10	25.98					7.279251264	89.5990074			0.18	2.52	Excellent
5686	07/28/21 10:30:00	7.13	26.00					7.310073984	90.01110484			0.18	2.53	Excellent
5687	07/28/21 11:00:00	7.15	26.04					7.330644604	90.33000182			0.18	2.53	Excellent
5688	07/28/21 11:30:00	7.16	26.08					7.34096285	90.52285455			0.18	2.53	Excellent
5689	07/28/21 12:00:00	7.16	26.12					7.341028445	90.58938439			0.18	2.53	Excellent
5690	07/28/21 12:30:00	7.21	26.16					7.392358664	91.28899914			0.18	2.53	Excellent
5691	07/28/21 13:00:00	7.22	26.22					7.402677734	91.51587934			0.18	2.53	Excellent
5692	07/28/21 13:30:00	7.22	26.22					7.402743879	91.51669706			0.18	2.53	Excellent
5693	07/28/21 14:00:00	7.24	26.28					7.423316423	91.87077868			0.18	2.53	Excellent
5694	07/28/21 14:30:00	7.24	26.32					7.423382752	91.93811681			0.18	2.53	Excellent
5695	07/28/21 15:00:00	7.24	26.34					7.42344908	91.97220165			0.18	2.53	Excellent
5696	07/28/21 15:30:00	7.29	26.38					7.47478278	92.67519199			0.18	2.53	Excellent
5697	07/28/21 16:00:00	7.44	26.54					7.628653056	94.85655606			0.19	2.54	Excellent
5698	07/28/21 16:30:00	7.34	26.52					7.526184641	93.54868453			0.19	2.54	Excellent
5699	07/28/21 17:00:00	7.29	26.48					7.47498314	92.84522246			0.18	2.54	Excellent
5700	07/28/21 17:30:00	7.25	26.44					7.434034563	92.26994828			0.18	2.54	Excellent
5701	07/28/21 18:00:00	7.38	26.58					7.567402104	94.16283339			0.19	2.54	Excellent
5702	07/28/21 18:30:00	7.53	26.78					7.721280076	96.42409462			0.19	2.54	Excellent
5703	07/28/21 19:00:00	7.48	26.84					7.670078483	95.88801304			0.19	2.54	Excellent
5704	07/28/21 19:30:00	7.39	26.78					7.577859145	94.63304013			0.19	2.54	Excellent
5705	07/28/21 20:00:00	7.35	26.74					7.536909652	94.05398439			0.19	2.54	Excellent
5706	07/28/21 20:30:00	7.29	26.76					7.475450646	93.32059			0.19	2.54	Excellent
5707	07/28/21 21:00:00	7.30	26.76					7.485771914	93.44943666			0.19	2.54	Excellent
5708	07/28/21 21:30:00	7.29	26.78					7.475584219	93.35582093			0.19	2.55	Excellent
5709	07/28/21 22:00:00	7.26	26.80					7.444887009	93.00589987			0.18	2.55	Excellent
5710	07/28/21 22:30:00	7.24	26.80					7.424444007	92.75051389			0.18	2.55	Excellent
5711	07/28/21 23:00:00	7.22	26.80					7.404000639	92.49512332			0.18	2.55	Excellent
5712	07/28/21 23:30:00	7.21	26.82				7.330	7.393811844	92.40104128		7.494	0.18	2.55	Excellent
5713	07/29/21 00:00:00	7.19	26.80	6.81	7.27	7.00292		7.373367834	92.11244034	7.183		0.18	2.55	Excellent
5714	07/29/21 00:30:00	7.27	26.86					7.455474691	93.23861437			0.19	2.55	Excellent
5715	07/29/21 01:00:00	7.23	26.84					7.414520434	92.69313654			0.18	2.55	Excellent
5716	07/29/21 01:30:00	7.21	26.82					7.394076058	92.40434319			0.18	2.55	Excellent
5717	07/29/21 02:00:00	7.16	26.80					7.342865121	91.73138254			0.18	2.55	Excellent
5718	07/29/21 02:30:00	7.14	26.80					7.322419737	91.47596679			0.18	2.55	Excellent
5719	07/29/21 03:00:00	7.12	26.78					7.301973986	91.1877595			0.18	2.56	Excellent
5720	07/29/21 03:30:00	7.14	26.78					7.322550561	91.44472177			0.18	2.56	Excellent
5721	07/29/21 04:00:00	7.10	26.78					7.281592915	90.93323871			0.18	2.56	Excellent
5722	07/29/21 04:30:00	7.08	26.76					7.261146248	90.64529807			0.18	2.56	Excellent
5723	07/29/21 05:00:00	7.02	26.76					7.199675423	89.87792043			0.18	2.56	Excellent
5724	07/29/21 05:30:00	6.98	26.74					7.158715578	89.33445594			0.18	2.56	Excellent
5725	07/29/21 06:00:00	7.00	26.74					7.179291787	89.59122888			0.18	2.56	Excellent
5726	07/29/21 06:30:00	6.98	26.74					7.158843471	89.33605193			0.18	2.56	Excellent
5727	07/29/21 07:00:00	6.98	26.74					7.158907418	89.33684993			0.18	2.56	Excellent
5728	07/29/21 07:30:00	6.95	26.72					7.128202146	88.92167725			0.18	2.56	Excellent
5729	07/29/21 08:00:00	6.92	26.72					7.097496325	88.53863353			0.18	2.56	Excellent
5730	07/29/21 08:30:00	6.90	26.70					7.077046544	88.25176463			0.18	2.57	Excellent
5731	07/29/21 09:00:00	6.90	26.68					7.077109757	88.22079005			0.18	2.57	Excellent
5732	07/29/21 09:30:00	6.87	26.68					7.046402654	87.83800597			0.18	2.57	Excellent
5733	07/29/21 10:00:00	6.84	26.68					7.015695	87.45521504			0.18	2.57	Excellent
5734	07/29/21 10:30:00	6.85	26.68					7.02601462	87.58385583			0.18	2.57	Excellent
5735	07/29/21 11:00:00	6.86	26.68					7.036334423	87.7124989			0.18	2.57	Excellent
5736	07/29/21 11:30:00	6.84	26.68					7.015882992	87.45755848			0.18	2.57	Excellent
5737	07/29/21 12:00:00	6.84	26.70					7.015945656	87.48982797			0.18	2.57	Excellent
5738	07/29/21 12:30:00	6.81	26.70					6.985236354	87.10687866			0.18	2.57	Excellent
5739	07/29/21 13:00:00	6.82	26.70					6.995556156	87.23556805			0.18	2.57	Excellent
5740	07/29/21 13:30:00	6.81	26.70					6.985361132	87.10843466			0.18	2.58	Excellent
5741	07/29/21 14:00:00	6.83	26.72					7.005938715	87.3964863			0.18	2.58	Excellent
5742	07/29/21 14:30:00	6.82	26.72					6.995743598	87.26930601			0.18	2.58	Excellent
5743	07/29/21 15:00:00	6.85	26.74					7.02657942	87.68551324			0.18	2.58	Excellent
5744	07/29/21 15:30:00	6.84	26.74					7.016384303	87.55828718			0.18	2.58	Excellent
5745	07/29/21 16:00:00	6.84	26.76					7.016446967	87.59056835			0.18	2.58	Excellent
5746	07/29/21 16:30:00	6.91	26.80					7.088316016	88.55140566			0.18	2.58	Excellent
5747	07/29/21 17:00:00	6.96	26.84					7.139670055	89.25707564			0.18	2.58	Excellent
5748	07/29/21 17:30:00	6.96	26.90					7.139733818	89.35408337			0.18	2.58	Excellent
5749	07/29/21 18:00:00	7.03	26.92					7.21160589	90.28596449			0.18	2.58	Excellent
5750	07/29/21 18:30:00	7.05	26.94					7.232187138	90.57612657			0.18	2.58	Excellent
5751	07/29/21 19:00:00	7.06	26.98					7.242510239	90.77050392			0.18	2.59	Excellent
5752	07/29/21 19:30:00	7.10	27.00					7.283609337	91.31833408			0.18	2.59	Excellent
5753	07/29/21 20:00:00	7.12	27.02					7.304191775	91.60921662			0.18	2.59	Excellent
5754	07/29/21 20:30:00	7.16	27.04					7.345292156	92.1577156			0.19	2.59	Excellent
5755	07/29/21 21:00:00	7.15	27.04					7.335098872	92.02982555			0.19	2.59	Excellent
5756	07/29/21 21:30:00	7.16	27.06					7.345423347	92.19238298			0.19	2.59	Excellent
5757	07/29/21 22:00:00	7.09	27.06					7.273675503	91.29187604			0.18	2.59	Excellent
5758	07/29/21 22:30:00	7.15	27.06					7.335295384	92.06526695			0.19	2.59	Excellent
5759	07/29/21 23:00:00	7.09	27.06					7.273805412	91.29350653			0.18	2.59	Excellent
5760	07/29/21 23:30:00	7.16	27.06				7.280	7.345685729	92.19567614		7.454	0.19	2.59	Excellent
5761	07/30/21 00:00:00	7.07	27.08	6.81	7.34	7.12229		7.253416462	91.07021567	7.309		0.18	2.59	Excellent
5762	07/30/21 00:30:00	7.12	27.08					7.304778837	91.71509558			0.18	2.60	Excellent
5763	07/30/21 01:00:00	6.98	27.08					7.161209492	89.91251175			0.18	2.60	Excellent
5764	07/30/21 01:30:00	7.07	27.06					7.253610775	91.04004371			0.18	2.60	Excellent
5765	07/30/21 02:00:00	6.90	27.06					7.07925902	88.85175543			0.18	2.60	Excellent
5766	07/30/21 02:30:00	6.88	27.04					7.058802459	88.56327232			0.18	2.60	Excellent
5767	07/30/21 03:00:00	6.92	27.04					7.099905405	89.07897047			0.18	2.60	Excellent
5768	07/30/21 03:30:00	6.86	27.04					7.038408378	88.30739797			0.18	2.60	Excellent
5769	07/30/21 04:00:00	6.81	27.02					6.987170415	87.63313283			0.18	2.60	Excellent
5770	07/30/21 04:30:00	6.91	27.02					7.089835341	88.92075695			0.18	2.60	Excellent
5771	07/30/21 05:00:00	6.84	27.02					7.018076229	88.02075374			0.18	2.60	Excellent
5772	07/30/21 05:30:00	6.99	27.02					7.172045447	89.95183659			0.18	2.60	Excellent
5773	07/30/21 06:00:00	7.03	27.02					7.2131516	90.4673902			0.18	2.61	Excellent
5774	07/30/21 06:30:00	6.99	27.02					7.172173524	89.95344293			0.18	2.61	Excellent
5775	07/30/21 07:00:00	7.05	27.02					7.233801833	90.72638554			0.18	2.61	Excellent
5776	07/30/21 07:30:00	7.05	27.04					7.233866421	90.7597125			0.18	2.61	Excellent
5777	07/30/21 08:00:00	7.05	27.04					7.233931008	90.76052285			0.18	2.61	Excellent
5778	07/30/21 08:30:00	7.08	27.04					7.264778556	91.14755164			0.18	2.61	Excellent
5779	07/30/21 09:00:00	7.04	27.04					7.223799106	90.63340292			0.18	2.61	Excellent
5780	07/30/21 09:30:00	7.03	27.04					7.213602432	90.50547034			0.18	2.61	Excellent
5781	07/30/21 10:00:00	7.06	27.06					7.244450621	90.92507465			0.18	2.61	Excellent
5782	07/30/21 10:30:00	7.04	27.08					7.223992594	90.70078452			0.18	2.61	Excellent
5783	07/30/21 11:00:00	7.14	27.08					7.326671538	91.98996922			0.19	2.61	Excellent
5784	07/30/21 11:30:00	7.13	27.10					7.316475414	91.89484919			0.19	2.62	Excellent
5785	07/30/21 12:00:00	7.14	27.12					7.326802362	92.05750236			0.19	2.62	Excellent
5786	07/30/21 12:30:00	7.14	27.12					7.326867775	92.05832424			0.19	2.62	Excellent
5787	07/30/21 13:00:00	7.15	27.14					7.337194998	92.22107708			0.19	2.62	Excellent
5788	07/30/21 13:30:00	7.20	27.16					7.388570016	92.90003951			0.19	2.62	Excellent
5789	07/30/21 14:00:00	7.20	27.20					7.388635978	92.96734016			0.19	2.62	Excellent
5790	07/30/21 14:30:00	7.27	27.22					7.460536542	93.90559107			0.19	2.62	Excellent
5791	07/30/21 15:00:00	7.29	27.22					7.481127501	94.16476897			0.19	2.62	Excellent

5792	07/30/21 15:30:00	7.31	27.24					7.501718826	94.45770362			0.19	2.62	Excellent
5793	07/30/21 16:00:00	7.34	27.24					7.532572878	94.84620164			0.19	2.62	Excellent
5794	07/30/21 16:30:00	7.28	27.24					7.471065408	94.07173188			0.19	2.62	Excellent
5795	07/30/21 17:00:00	7.30	27.26					7.491657191	94.36472281			0.19	2.63	Excellent
5796	07/30/21 17:30:00	7.30	27.28					7.491724069	94.39927867			0.19	2.63	Excellent
5797	07/30/21 18:00:00	7.31	27.28					7.502053675	94.5294366			0.19	2.63	Excellent
5798	07/30/21 18:30:00	7.32	27.30					7.512383463	94.69340642			0.19	2.63	Excellent
5799	07/30/21 19:00:00	7.33	27.30					7.522713435	94.82361546			0.19	2.63	Excellent
5800	07/30/21 19:30:00	7.26	27.28					7.450939573	93.88537466			0.19	2.63	Excellent
5801	07/30/21 20:00:00	7.33	27.30					7.522847741	94.82530838			0.19	2.63	Excellent
5802	07/30/21 20:30:00	7.28	27.30					7.471598967	94.17931886			0.19	2.63	Excellent
5803	07/30/21 21:00:00	7.27	27.28					7.461402385	94.01721106			0.19	2.63	Excellent
5804	07/30/21 21:30:00	7.26	27.28					7.45120562	93.88872698			0.19	2.63	Excellent
5805	07/30/21 22:00:00	7.19	27.30					7.37942791	93.01750498			0.19	2.63	Excellent
5806	07/30/21 22:30:00	7.18	27.28					7.369230229	92.85579814			0.19	2.64	Excellent
5807	07/30/21 23:00:00	7.08	27.28					7.266659573	91.5633592			0.19	2.64	Excellent
5808	07/30/21 23:30:00	7.10	27.26				7.250	7.287251906	91.79003905		7.431	0.19	2.64	Excellent
5809	07/31/21 00:00:00	7.12	27.24	6.95	7.87	7.34042		7.307844605	92.01654125	7.536		0.19	2.64	Excellent
5810	07/31/21 00:30:00	7.03	27.24					7.215534569	90.85422176			0.19	2.64	Excellent
5811	07/31/21 01:00:00	6.95	27.22					7.133486894	89.78902515			0.18	2.64	Excellent
5812	07/31/21 01:30:00	7.06	27.20					7.246455683	91.17835991			0.19	2.64	Excellent
5813	07/31/21 02:00:00	7.05	27.18					7.236256169	91.01747305			0.19	2.64	Excellent
5814	07/31/21 02:30:00	7.03	27.16					7.215792187	90.72762089			0.19	2.64	Excellent
5815	07/31/21 03:00:00	6.99	27.16					7.174799086	90.21219494			0.18	2.64	Excellent
5816	07/31/21 03:30:00	7.05	27.16					7.236449933	90.98736064			0.19	2.64	Excellent
5817	07/31/21 04:00:00	7.02	27.16					7.205720842	90.60098902			0.19	2.65	Excellent
5818	07/31/21 04:30:00	7.08	27.16					7.267373062	91.376172			0.19	2.65	Excellent
5819	07/31/21 05:00:00	7.01	27.14					7.195584725	90.44118			0.19	2.65	Excellent
5820	07/31/21 05:30:00	7.15	27.14					7.339356628	92.24824657			0.19	2.65	Excellent
5821	07/31/21 06:00:00	7.11	27.14					7.298362428	91.73299118			0.19	2.65	Excellent
5822	07/31/21 06:30:00	7.12	27.14					7.308692583	91.86283072			0.19	2.65	Excellent
5823	07/31/21 07:00:00	7.06	27.12					7.247167156	91.05692697			0.19	2.65	Excellent
5824	07/31/21 07:30:00	7.05	27.10					7.236966635	90.89621982			0.19	2.65	Excellent
5825	07/31/21 08:00:00	7.09	27.10					7.278092393	91.41275888			0.19	2.65	Excellent
5826	07/31/21 08:30:00	7.13	27.08					7.319218884	91.89639748			0.19	2.65	Excellent
5827	07/31/21 09:00:00	7.09	27.10					7.278222301	91.41439053			0.19	2.65	Excellent
5828	07/31/21 09:30:00	7.16	27.10					7.350146227	92.31775423			0.19	2.66	Excellent
5829	07/31/21 10:00:00	7.14	27.10					7.329680505	92.06070499			0.19	2.66	Excellent
5830	07/31/21 10:30:00	7.17	27.12					7.360543169	92.48143824			0.19	2.66	Excellent
5831	07/31/21 11:00:00	7.23	27.12					7.422203909	93.25617372			0.19	2.66	Excellent
5832	07/31/21 11:30:00	7.30	27.12					7.494131683	94.15990919			0.19	2.66	Excellent
5833	07/31/21 12:00:00	7.34	27.12					7.535262662	94.67669879			0.20	2.66	Excellent
5834	07/31/21 12:30:00	7.34	27.12					7.535329907	94.67754368			0.20	2.66	Excellent
5835	07/31/21 13:00:00	7.35	27.10					7.54566336	94.77344723			0.20	2.66	Excellent
5836	07/31/21 13:30:00	7.39	27.10					7.586795898	95.29007144			0.20	2.66	Excellent
5837	07/31/21 14:00:00	7.39	27.12					7.5868636	95.32503803			0.20	2.66	Excellent
5838	07/31/21 14:30:00	7.41	27.14					7.60746427	95.61808689			0.20	2.66	Excellent
5839	07/31/21 15:00:00	7.44	27.14					7.638331881	96.00606136			0.20	2.67	Excellent
5840	07/31/21 15:30:00	7.50	27.18					7.700000042	96.85043342			0.20	2.67	Excellent
5841	07/31/21 16:00:00	7.59	27.22					7.792469578	98.08362407			0.20	2.67	Excellent
5842	07/31/21 16:30:00	7.75	27.32					7.956808712	100.3311887			0.21	2.67	Excellent
5843	07/31/21 17:00:00	7.76	27.34					7.967146654	100.4974077			0.21	2.67	Excellent
5844	07/31/21 17:30:00	7.71	27.34					7.915882581	99.8507638			0.21	2.67	Excellent
5845	07/31/21 18:00:00	7.74	27.34					7.946754589	100.2401826			0.21	2.67	Excellent
5846	07/31/21 18:30:00	7.75	27.36					7.957092715	100.4064085			0.21	2.67	Excellent
5847	07/31/21 19:00:00	7.84	27.38					8.049569488	101.6095655			0.21	2.67	Excellent
5848	07/31/21 19:30:00	7.87	27.40					8.080443512	102.0356709			0.21	2.67	Excellent
5849	07/31/21 20:00:00	7.84	27.40					8.049713139	101.6476236			0.21	2.67	Excellent
5850	07/31/21 20:30:00	7.77	27.38					7.977911884	100.7050329			0.21	2.68	Excellent
5851	07/31/21 21:00:00	7.65	27.32					7.854770974	99.04454627			0.20	2.68	Excellent
5852	07/31/21 21:30:00	7.56	27.30					7.762431164	97.84525146			0.20	2.68	Excellent
5853	07/31/21 22:00:00	7.53	27.26					7.731696851	97.38825624			0.20	2.68	Excellent
5854	07/31/21 22:30:00	7.57	27.24					7.772837633	97.87148925			0.20	2.68	Excellent
5855	07/31/21 23:00:00	7.57	27.24					7.772906985	97.87236249			0.20	2.68	Excellent
5856	07/31/21 23:30:00	7.49	27.20				7.241	7.690831277	96.76970547		7.429	0.20	2.68	Excellent
5857	08/01/21 00:00:00	7.49	27.16	6.96	7.58	7.42667		7.690899895	96.70137829	7.627		0.20	2.68	Excellent
5858	08/01/21 00:30:00	7.35	27.16					7.547212093	94.89472254			0.20	2.68	Excellent
5859	08/01/21 01:00:00	7.48	27.18					7.680768726	96.60854234			0.20	2.68	Excellent
5860	08/01/21 01:30:00	7.41	27.16					7.60895776	95.67108046			0.20	2.68	Excellent
5861	08/01/21 02:00:00	7.43	27.14					7.629562827	95.89584327			0.20	2.69	Excellent
5862	08/01/21 02:30:00	7.42	27.14					7.619362214	95.76763194			0.20	2.69	Excellent
5863	08/01/21 03:00:00	7.43	27.14					7.629698965	95.89755439			0.20	2.69	Excellent
5864	08/01/21 03:30:00	7.27	27.12					7.465465187	93.79972942			0.20	2.69	Excellent
5865	08/01/21 04:00:00	6.96	27.12					7.147194121	89.80081721			0.19	2.69	Excellent
5866	08/01/21 04:30:00	7.18	27.12					7.373176955	92.64017527			0.19	2.69	Excellent
5867	08/01/21 05:00:00	7.24	27.10					7.434857576	93.38172783			0.19	2.69	Excellent
5868	08/01/21 05:30:00	7.28	27.08					7.476000832	93.86487205			0.20	2.69	Excellent
5869	08/01/21 06:00:00	7.25	27.06					7.445259556	93.4454269			0.20	2.69	Excellent
5870	08/01/21 06:30:00	7.26	27.04					7.455595392	93.54163526			0.20	2.69	Excellent
5871	08/01/21 07:00:00	7.36	27.00					7.558356971	94.76298564			0.20	2.70	Excellent
5872	08/01/21 07:30:00	7.42	26.98					7.620041989	95.50211577			0.20	2.70	Excellent
5873	08/01/21 08:00:00	7.39	26.96					7.589300897	95.08273195			0.20	2.70	Excellent
5874	08/01/21 08:30:00	7.50	26.96					7.702336197	96.49889732			0.20	2.70	Excellent
5875	08/01/21 09:00:00	7.54	26.94					7.7434844	96.97962867			0.20	2.70	Excellent
5876	08/01/21 09:30:00	7.52	26.92					7.723013547	96.68855141			0.20	2.70	Excellent
5877	08/01/21 10:00:00	7.50	26.90					7.702542328	96.39765668			0.20	2.70	Excellent
5878	08/01/21 10:30:00	7.47	26.86					7.671800594	95.94399911			0.20	2.70	Excellent
5879	08/01/21 11:00:00	7.44	26.82					7.641058311	95.4908996			0.20	2.70	Excellent
5880	08/01/21 11:30:00	7.38	26.82					7.579504484	94.72165664			0.20	2.70	Excellent
5881	08/01/21 12:00:00	7.41	26.78					7.610383364	95.03920573			0.20	2.70	Excellent
5882	08/01/21 12:30:00	7.39	26.76					7.589910221	94.74945838			0.20	2.71	Excellent
5883	08/01/21 13:00:00	7.35	26.76					7.548895499	94.2374467			0.20	2.71	Excellent
5884	08/01/21 13:30:00	7.39	26.74					7.590045626	94.71707447			0.20	2.71	Excellent
5885	08/01/21 14:00:00	7.41	26.72					7.610654907	94.94009646			0.20	2.71	Excellent
5886	08/01/21 14:30:00	7.36	26.70					7.559368388	94.26638579			0.20	2.71	Excellent
5887	08/01/21 15:00:00	7.36	26.70					7.559435816	94.26722662			0.20	2.71	Excellent
5888	08/01/21 15:30:00	7.30	26.68					7.497876859	93.46592647			0.20	2.71	Excellent
5889	08/01/21 16:00:00	7.44	26.68					7.641739918	95.25927336			0.20	2.71	Excellent
5890	08/01/21 16:30:00	7.46	26.68					7.662350574	95.51619863			0.20	2.71	Excellent
5891	08/01/21 17:00:00	7.50	26.66					7.703504274	95.99463529			0.20	2.71	Excellent
5892	08/01/21 17:30:00	7.56	26.66					7.765201568	96.76345543			0.21	2.71	Excellent
5893	08/01/21 18:00:00	7.54	26.68					7.744727784	96.54308429			0.20	2.72	Excellent
5894	08/01/21 18:30:00	7.57	26.66					7.775611702	96.89317783			0.21	2.72	Excellent
5895	08/01/21 19:00:00	7.58	26.66					7.78595276	97.02203945			0.21	2.72	Excellent
5896	08/01/21 19:30:00	7.53	26.66					7.734663217	96.38291201			0.20	2.72	Excellent
5897	08/01/21 20:00:00	7.50	26.66					7.703916537	95.99977256			0.20	2.72	Excellent
5898	08/01/21 20:30:00	7.53	26.66					7.734801188	96.38463129			0.20	2.72	Excellent
5899	08/01/21 21:00:00	7.55	26.64					7.755414317	96.60669402			0.21	2.72	Excellent
5900	08/01/21 21:30:00	7.56	26.62					7.765755649	96.70066855			0.21	2.72	Excellent
5901	08/01/21 22:00:00	7.56	26.62					7.765824909	96.70153099			0.21	2.72	Excellent
5902	08/01/21 22:30:00	7.55	26.60					7.755621823	96.53968471			0.21	2.72	Excellent
5903	08/01/21 23:00:00	7.56	26.60					7.76596343	96.66841397			0.21	2.72	Excellent
5904	08/01/21 23:30:00	7.55	26.60				7.238	7.75576016	96.54140669		7.428	0.21	2.73	Excellent
5905	08/02/21 00:00:00	7.52	26.58	7.39	8.23	7.79333		7.725011463	96.12400099	8.008		0.21	2.73	Excellent
5906	08/02/21 00:30:00	7.65	26.58					7.858625629	97.78659117			0.21	2.73	Excellent
5907	08/02/21 01:00:00	7.68	26.56					7.889514128	98.13555368			0.21	2.73	Excellent

5908	08/02/21 01:30:00	7.65	26.52					7.858765798	97.68258919			0.21	2.73	Excellent
5909	08/02/21 02:00:00	7.52	26.50					7.725287038	95.98883618			0.21	2.73	Excellent
5910	08/02/21 02:30:00	7.48	26.48					7.684263613	95.44465201			0.20	2.73	Excellent
5911	08/02/21 03:00:00	7.39	26.48					7.591873598	94.29709472			0.20	2.73	Excellent
5912	08/02/21 03:30:00	7.50	26.46					7.704947193	95.66701214			0.20	2.73	Excellent
5913	08/02/21 04:00:00	7.41	26.44					7.612555713	94.48572184			0.20	2.73	Excellent
5914	08/02/21 04:30:00	7.59	26.40					7.797545629	96.71187721			0.21	2.73	Excellent
5915	08/02/21 05:00:00	7.57	26.38					7.777068089	96.42303989			0.21	2.74	Excellent
5916	08/02/21 05:30:00	7.61	26.36					7.818231958	96.89836656			0.21	2.74	Excellent
5917	08/02/21 06:00:00	7.57	26.32					7.777206792	96.32020474			0.21	2.74	Excellent
5918	08/02/21 06:30:00	7.61	26.28					7.818371394	96.75996914			0.21	2.74	Excellent
5919	08/02/21 07:00:00	7.55	26.26					7.756797687	95.96318671			0.21	2.74	Excellent
5920	08/02/21 07:30:00	7.59	26.22					7.797962839	96.40260618			0.21	2.74	Excellent
5921	08/02/21 08:00:00	7.60	26.18					7.808306461	96.46054434			0.21	2.74	Excellent
5922	08/02/21 08:30:00	7.62	26.14					7.828924446	96.64514279			0.21	2.74	Excellent
5923	08/02/21 09:00:00	7.63	26.12					7.839268526	96.7377412			0.21	2.74	Excellent
5924	08/02/21 09:30:00	7.67	26.10					7.880435877	97.21047586			0.21	2.74	Excellent
5925	08/02/21 10:00:00	7.65	26.08					7.859957237	96.92267626			0.21	2.74	Excellent
5926	08/02/21 10:30:00	7.66	26.04					7.870301867	96.97979105			0.21	2.75	Excellent
5927	08/02/21 11:00:00	7.69	26.02					7.901195955	97.32511856			0.21	2.75	Excellent
5928	08/02/21 11:30:00	7.67	26.00					7.880716948	97.03760057			0.21	2.75	Excellent
5929	08/02/21 12:00:00	7.71	25.98					7.921886498	97.50909005			0.21	2.75	Excellent
5930	08/02/21 12:30:00	7.70	25.98					7.91168222	97.38348741			0.21	2.75	Excellent
5931	08/02/21 13:00:00	7.73	25.96					7.942577774	97.72824245			0.21	2.75	Excellent
5932	08/02/21 13:30:00	7.82	25.96					8.035124448	98.86696895			0.22	2.75	Excellent
5933	08/02/21 14:00:00	7.79	25.96					8.00437053	98.48856204			0.21	2.75	Excellent
5934	08/02/21 14:30:00	7.88	25.98					8.096919403	99.6635389			0.22	2.75	Excellent
5935	08/02/21 15:00:00	7.87	25.98					8.086716224	99.5379498			0.22	2.75	Excellent
5936	08/02/21 15:30:00	8.10	26.00					8.323123943	102.4850889			0.22	2.75	Excellent
5937	08/02/21 16:00:00	8.12	26.00					8.343749256	102.7390544			0.22	2.76	Excellent
5938	08/02/21 16:30:00	8.16	26.00					8.384926226	103.2460787			0.22	2.76	Excellent
5939	08/02/21 17:00:00	8.23	26.00					8.456931139	104.1326965			0.23	2.76	Excellent
5940	08/02/21 17:30:00	8.15	25.98					8.374799912	103.0839206			0.22	2.76	Excellent
5941	08/02/21 18:00:00	8.13	25.96					8.354322738	102.7944959			0.22	2.76	Excellent
5942	08/02/21 18:30:00	8.07	25.92					8.292741152	101.9625856			0.22	2.76	Excellent
5943	08/02/21 19:00:00	8.13	25.94					8.354471702	102.7589565			0.22	2.76	Excellent
5944	08/02/21 19:30:00	8.10	25.96					8.323717601	102.4179196			0.22	2.76	Excellent
5945	08/02/21 20:00:00	8.13	25.94					8.354620667	102.7607888			0.22	2.76	Excellent
5946	08/02/21 20:30:00	8.09	25.94					8.313589637	102.2561122			0.22	2.76	Excellent
5947	08/02/21 21:00:00	8.14	25.92					8.3650461	102.851604			0.23	2.76	Excellent
5948	08/02/21 21:30:00	7.92	25.92					8.139036331	100.0727231			0.22	2.77	Excellent
5949	08/02/21 22:00:00	8.04	25.90					8.262428721	101.5529281			0.22	2.77	Excellent
5950	08/02/21 22:30:00	8.14	25.90					8.365269821	102.8169408			0.23	2.77	Excellent
5951	08/02/21 23:00:00	8.07	25.88					8.293406544	101.896585			0.22	2.77	Excellent
5952	08/02/21 23:30:00	7.78	25.84				7.307	7.995449579	98.16424529		7.501	0.22	2.77	Excellent
5953	08/03/21 00:00:00	7.95	25.82	7.11	9.08	8.36479		8.17023018	100.2735877	8.533		0.22	2.77	Excellent
5954	08/03/21 00:30:00	8.03	25.80					8.252519898	101.2466394			0.22	2.77	Excellent
5955	08/03/21 01:00:00	7.99	25.80					8.211484655	100.7431956			0.22	2.77	Excellent
5956	08/03/21 01:30:00	7.11	25.78					7.307155988	89.6157093			0.20	2.77	Excellent
5957	08/03/21 02:00:00	7.96	25.80					8.180798897	100.3667251			0.22	2.77	Excellent
5958	08/03/21 02:30:00	7.83	25.84					8.047264619	98.80040517			0.22	2.77	Excellent
5959	08/03/21 03:00:00	7.79	25.82					8.006226077	98.26075829			0.22	2.78	Excellent
5960	08/03/21 03:30:00	7.70	25.78					7.913798501	97.0556352			0.21	2.78	Excellent
5961	08/03/21 04:00:00	7.80	25.76					8.016646564	98.28114156			0.22	2.78	Excellent
5962	08/03/21 04:30:00	7.96	25.74					8.181163521	100.261494			0.22	2.78	Excellent
5963	08/03/21 05:00:00	7.92	25.68					8.140124704	99.64943094			0.22	2.78	Excellent
5964	08/03/21 05:30:00	7.97	25.66					8.191587397	100.2428259			0.22	2.78	Excellent
5965	08/03/21 06:00:00	8.06	25.64					8.284163479	101.338697			0.22	2.78	Excellent
5966	08/03/21 06:30:00	8.11	25.60					8.33562837	101.8937892			0.23	2.78	Excellent
5967	08/03/21 07:00:00	8.15	25.58					8.376815876	102.3598472			0.23	2.78	Excellent
5968	08/03/21 07:30:00	8.13	25.56					8.356333755	102.0722488			0.23	2.78	Excellent
5969	08/03/21 08:00:00	8.14	25.54					8.366686722	102.1613481			0.23	2.78	Excellent
5970	08/03/21 08:30:00	8.11	25.52					8.335925566	101.7485182			0.23	2.79	Excellent
5971	08/03/21 09:00:00	8.10	25.50					8.325721197	101.586791			0.23	2.79	Excellent
5972	08/03/21 09:30:00	8.12	25.48					8.346352923	101.801269			0.23	2.79	Excellent
5973	08/03/21 10:00:00	8.16	25.46					8.387542719	102.266223			0.23	2.79	Excellent
5974	08/03/21 10:30:00	8.19	25.44					8.418454305	102.6055399			0.23	2.79	Excellent
5975	08/03/21 11:00:00	8.21	25.44					8.439087406	102.8570196			0.23	2.79	Excellent
5976	08/03/21 11:30:00	8.24	25.42					8.47	103.195984			0.23	2.79	Excellent
5977	08/03/21 12:00:00	8.37	25.38					8.49	103.3708961			0.12	1.43	Excellent
5978	08/03/21 12:30:00	8.39	25.40					8.509436413	103.645522			0.12	1.42	Excellent
5979	08/03/21 13:00:00	8.44	25.40					8.559292798	104.2527762			0.12	1.41	Excellent
5980	08/03/21 13:30:00	8.51	25.40					8.629419706	105.1069268			0.12	1.40	Excellent
5981	08/03/21 14:00:00	8.50	25.40					8.618417903	104.9729241			0.12	1.39	Excellent
5982	08/03/21 14:30:00	8.49	25.40					8.607418127	104.838946			0.12	1.38	Excellent
5983	08/03/21 15:00:00	8.48	25.40					8.596420378	104.7049927			0.12	1.37	Excellent
5984	08/03/21 15:30:00	8.57	25.42					8.686787403	105.84444			0.12	1.36	Excellent
5985	08/03/21 16:00:00	8.65	25.42					8.767000924	106.8218042			0.12	1.35	Excellent
5986	08/03/21 16:30:00	8.68	25.44					8.796526991	107.2208293			0.12	1.34	Excellent
5987	08/03/21 17:00:00	8.81	25.46					8.927379318	108.8556391			0.12	1.33	Excellent
5988	08/03/21 17:30:00	8.94	25.48					9.058205295	110.4912992			0.12	1.32	Excellent
5989	08/03/21 18:00:00	9.05	25.54					9.168742506	111.9624417			0.12	1.31	Excellent
5990	08/03/21 18:30:00	9.08	25.56					9.19821587	112.3634284			0.12	1.30	Excellent
5991	08/03/21 19:00:00	8.96	25.54					9.075745451	110.826825			0.12	1.29	Excellent
5992	08/03/21 19:30:00	8.81	25.48					8.922914855	108.8410367			0.11	1.28	Excellent
5993	08/03/21 20:00:00	8.75	25.46					8.861259044	108.0494042			0.11	1.27	Excellent
5994	08/03/21 20:30:00	8.76	25.44					8.870498372	108.1224662			0.11	1.26	Excellent
5995	08/03/21 21:00:00	8.83	25.44					8.94048643	108.9755503			0.11	1.25	Excellent
5996	08/03/21 21:30:00	8.89	25.44					9.000336187	109.7050587			0.11	1.24	Excellent
5997	08/03/21 22:00:00	8.89	25.42					8.999435186	109.6539069			0.11	1.23	Excellent
5998	08/03/21 22:30:00	8.92	25.42					9.028900443	110.0129273			0.11	1.22	Excellent
5999	08/03/21 23:00:00	8.94	25.42					9.048238546	110.248553			0.11	1.21	Excellent
6000	08/03/21 23:30:00	9.07	25.42				7.468	9.178893241	111.8405193		7.658	0.11	1.20	Excellent
6001	08/04/21 00:00:00	8.98	25.40	8.43	9.10	8.75000		9.086902591	110.6790999	8.833		0.11	1.19	Excellent
6002	08/04/21 00:30:00	8.68	25.40					8.782451518	106.9708648			0.10	1.18	Excellent
6003	08/04/21 01:00:00	9.10	25.46					9.206486565	112.258922			0.11	1.17	Excellent
6004	08/04/21 01:30:00	8.96	25.50					9.063940215	110.6017212			0.10	1.16	Excellent
6005	08/04/21 02:00:00	8.74	25.48					8.840502314	107.8357748			0.10	1.15	Excellent
6006	08/04/21 02:30:00	8.67	25.44					8.768818672	106.8830927			0.10	1.14	Excellent
6007	08/04/21 03:00:00	8.82	25.42					8.919634431	108.6815721			0.10	1.13	Excellent
6008	08/04/21 03:30:00	8.49	25.40					8.585046152	104.5664538			0.10	1.12	Excellent
6009	08/04/21 04:00:00	8.43	25.36					8.523520068	103.7409878			0.09	1.11	Excellent
6010	08/04/21 04:30:00	8.94	25.36					9.038271798	110.0061051			0.10	1.10	Excellent
6011	08/04/21 05:00:00	9.03	25.32					9.128345922	111.0209518			0.10	1.09	Excellent
6012	08/04/21 05:30:00	9.02	25.30					9.117322835	110.8462119			0.10	1.08	Excellent
6013	08/04/21 06:00:00	8.92	25.30					9.015339827	109.606327			0.10	1.07	Excellent
6014	08/04/21 06:30:00	8.85	25.28					8.943694698	108.6953861			0.09	1.06	Excellent
6015	08/04/21 07:00:00	8.78	25.26					8.872063758	107.7852601			0.09	1.05	Excellent
6016	08/04/21 07:30:00	8.68	25.22					8.770135479	106.4687217			0.09	1.04	Excellent
6017	08/04/21 08:00:00	8.61	25.20					8.698535957	105.5607196			0.09	1.03	Excellent
6018	08/04/21 08:30:00	8.62	25.18					8.70776515	105.6338924			0.09	1.02	Excellent
6019	08/04/21 09:00:00	8.67	25.16					8.757395525	106.1969128			0.09	1.01	Excellent
6020	08/04/21 09:30:00	8.67	25.14					8.756516822	106.1472187			0.09	1.00	Excellent
6021	08/04/21 10:00:00	8.69	25.14					8.775835669	106.3814034			0.09	0.99	Excellent
6022	08/04/21 10:30:00	8.67	25.10					8.754759415	106.0478641			0.08	0.98	Excellent
6023	08/04/21 11:00:00	8.64	25.10					8.723590466	105.6703094			0.08	0.97	Excellent

6024	08/04/21 11:30:00	8.62	25.06					8.702523334	105.3375474			0.08	0.96	Excellent
6025	08/04/21 12:00:00	8.60	25.06					8.681460255	105.0825946			0.08	0.95	Excellent
6026	08/04/21 12:30:00	8.61	25.04					8.690682354	105.1554927			0.08	0.94	Excellent
6027	08/04/21 13:00:00	8.64	25.04					8.720087814	105.5112928			0.08	0.93	Excellent
6028	08/04/21 13:30:00	8.66	25.04					8.739395513	105.7449121			0.08	0.92	Excellent
6029	08/04/21 14:00:00	8.67	25.06					8.74860849	105.8953738			0.08	0.91	Excellent
6030	08/04/21 14:30:00	8.65	25.06					8.727550479	105.6404823			0.08	0.90	Excellent
6031	08/04/21 15:00:00	8.67	25.06					8.746851083	105.8741017			0.08	0.89	Excellent
6032	08/04/21 15:30:00	8.68	25.04					8.756060006	105.9465491			0.08	0.88	Excellent
6033	08/04/21 16:00:00	8.67	25.02					8.745093675	105.7748911			0.08	0.87	Excellent
6034	08/04/21 16:30:00	8.71	25.00					8.784557371	106.2130778			0.07	0.86	Excellent
6035	08/04/21 17:00:00	8.82	25.04					8.894605062	107.6229161			0.07	0.85	Excellent
6036	08/04/21 17:30:00	8.80	25.02					8.87354401	107.3285417			0.07	0.84	Excellent
6037	08/04/21 18:00:00	8.82	25.00					8.89281725	107.5220356			0.07	0.83	Excellent
6038	08/04/21 18:30:00	8.80	24.98					8.871760252	107.2279125			0.07	0.82	Excellent
6039	08/04/21 19:00:00	9.00	25.02					9.072479018	109.7347285			0.07	0.81	Excellent
6040	08/04/21 19:30:00	9.08	25.06					9.152203019	110.7805843			0.07	0.80	Excellent
6041	08/04/21 20:00:00	8.98	25.04					9.05049771	109.5091855			0.07	0.79	Excellent
6042	08/04/21 20:30:00	8.90	25.02					8.968967654	108.4827232			0.07	0.77	Excellent
6043	08/04/21 21:00:00	8.73	24.98					8.796765509	106.3214938			0.07	0.76	Excellent
6044	08/04/21 21:30:00	8.68	24.98					8.745503401	105.7019179			0.07	0.75	Excellent
6045	08/04/21 22:00:00	8.67	24.98					8.734549233	105.5695211			0.06	0.74	Excellent
6046	08/04/21 22:30:00	8.62	24.96					8.68330334	104.9114588			0.06	0.73	Excellent
6047	08/04/21 23:00:00	8.57	24.94					8.632067583	104.2539786			0.06	0.72	Excellent
6048	08/04/21 23:30:00	8.69	24.96				7.686	8.752055943	105.742126		7.861	0.06	0.71	Excellent
6049	08/05/21 00:00:00	8.79	24.98	8.47	10.02	8.99958		8.851879185	106.9876214	9.041		0.06	0.70	Excellent
6050	08/05/21 00:30:00	8.47	24.98					8.52876804	103.082361			0.06	0.69	Excellent
6051	08/05/21 01:00:00	8.82	25.00					8.880302565	107.370722			0.06	0.68	Excellent
6052	08/05/21 01:30:00	8.59	25.00					8.647859454	104.5602789			0.06	0.67	Excellent
6053	08/05/21 02:00:00	8.75	24.98					8.80805035	106.4578872			0.06	0.66	Excellent
6054	08/05/21 02:30:00	8.49	24.96					8.545464965	103.2460989			0.06	0.65	Excellent
6055	08/05/21 03:00:00	8.74	25.00					8.796212411	106.3539976			0.06	0.64	Excellent
6056	08/05/21 03:30:00	8.75	25.00					8.805389916	106.4649617			0.06	0.63	Excellent
6057	08/05/21 04:00:00	8.64	24.98					8.693817922	105.077225			0.05	0.62	Excellent
6058	08/05/21 04:30:00	8.55	24.96					8.602390777	103.9338751			0.05	0.61	Excellent
6059	08/05/21 05:00:00	8.72	24.92					8.772548694	105.9115688			0.05	0.60	Excellent
6060	08/05/21 05:30:00	8.89	24.92					8.942672152	107.9654808			0.05	0.59	Excellent
6061	08/05/21 06:00:00	8.79	24.90					8.841188799	106.7008896			0.05	0.58	Excellent
6062	08/05/21 06:30:00	8.71	24.88					8.759840159	105.6801141			0.05	0.57	Excellent
6063	08/05/21 07:00:00	8.66	24.86					8.70867636	105.0240868			0.05	0.56	Excellent
6064	08/05/21 07:30:00	8.59	24.86					8.637412307	104.1646632			0.05	0.55	Excellent
6065	08/05/21 08:00:00	8.56	24.86					8.606379167	103.7904126			0.05	0.54	Excellent
6066	08/05/21 08:30:00	8.54	24.84					8.585405277	103.4992467			0.05	0.53	Excellent
6067	08/05/21 09:00:00	8.48	24.84					8.524226823	102.7617249			0.04	0.52	Excellent
6068	08/05/21 09:30:00	8.55	24.84					8.593725361	103.5995474			0.04	0.51	Excellent
6069	08/05/21 10:00:00	8.62	24.84					8.663209711	104.437199			0.04	0.50	Excellent
6070	08/05/21 10:30:00	8.68	24.86					8.722630757	105.1923727			0.04	0.49	Excellent
6071	08/05/21 11:00:00	8.72	24.86					8.761943441	105.6664722			0.04	0.48	Excellent
6072	08/05/21 11:30:00	8.80	24.86					8.841436364	106.6251336			0.04	0.47	Excellent
6073	08/05/21 12:00:00	8.84	24.86					8.880728779	107.0989886			0.04	0.46	Excellent
6074	08/05/21 12:30:00	8.91	24.86					8.950148264	107.9361673			0.04	0.45	Excellent
6075	08/05/21 13:00:00	8.95	24.88					8.989421422	108.4498192			0.04	0.44	Excellent
6076	08/05/21 13:30:00	9.02	24.88					9.058815569	109.2870014			0.04	0.43	Excellent
6077	08/05/21 14:00:00	9.14	24.92					9.178405625	110.8115068			0.04	0.42	Excellent
6078	08/05/21 14:30:00	9.18	24.92					9.21764331	111.285226			0.04	0.41	Excellent
6079	08/05/21 15:00:00	9.27	24.92					9.307072848	112.3649148			0.04	0.40	Excellent
6080	08/05/21 15:30:00	9.24	24.90					9.276016399	111.9486558			0.04	0.39	Excellent
6081	08/05/21 16:00:00	9.30	24.92					9.335307717	112.7057963			0.04	0.38	Excellent
6082	08/05/21 16:30:00	9.36	24.92					9.394586874	113.4214775			0.03	0.37	Excellent
6083	08/05/21 17:00:00	9.42	24.92					9.453853869	114.1370119			0.03	0.36	Excellent
6084	08/05/21 17:30:00	9.57	25.00					9.603423025	116.1138887			0.03	0.35	Excellent
6085	08/05/21 18:00:00	10.02	25.24					10.05397911	122.0993157			0.03	0.34	Excellent
6086	08/05/21 18:30:00	9.85	25.20					9.882404326	119.9275047			0.03	0.33	Excellent
6087	08/05/21 19:00:00	9.74	25.12					9.771055302	118.4019801			0.03	0.32	Excellent
6088	08/05/21 19:30:00	9.97	25.20					10.00077818	121.3640257			0.03	0.31	Excellent
6089	08/05/21 20:00:00	9.56	25.08					9.588543575	116.1048941			0.03	0.30	Excellent
6090	08/05/21 20:30:00	9.62	25.06					9.647747733	116.778783			0.03	0.29	Excellent
6091	08/05/21 21:00:00	9.68	25.22					9.706939729	117.8414481			0.03	0.28	Excellent
6092	08/05/21 21:30:00	9.32	24.98					9.344993257	112.9476103			0.02	0.27	Excellent
6093	08/05/21 22:00:00	9.09	24.86					9.1134552	109.9056011			0.02	0.26	Excellent
6094	08/05/21 22:30:00	9.06	24.84					9.08245956	109.4913626			0.02	0.25	Excellent
6095	08/05/21 23:00:00	8.98	24.84					9.00135112	108.5135797			0.02	0.24	Excellent
6096	08/05/21 23:30:00	8.99	24.88				7.971	9.01046376	108.7036774		8.127	0.02	0.23	Excellent
6097	08/06/21 00:00:00	9.03	24.92	8.76	9.36	9.01792		9.049639622	109.2569062	9.016		0.02	0.22	Excellent
6098	08/06/21 00:30:00	8.98	25.00					8.998620754	108.8012937			0.02	0.21	Excellent
6099	08/06/21 01:00:00	9.07	25.10					9.087888132	110.0831079			0.02	0.20	Excellent
6100	08/06/21 01:30:00	9.12	25.10					9.137062433	110.6787645			0.02	0.19	Excellent
6101	08/06/21 02:00:00	9.21	25.14					9.22629738	111.8419374			0.02	0.18	Excellent
6102	08/06/21 02:30:00	9.16	25.16					9.175280538	111.2644124			0.02	0.17	Excellent
6103	08/06/21 03:00:00	9.09	25.14					9.104242495	110.362378			0.01	0.16	Excellent
6104	08/06/21 03:30:00	9.08	25.14					9.093306569	110.2298118			0.01	0.15	Excellent
6105	08/06/21 04:00:00	9.05	25.16					9.062345389	109.8948997			0.01	0.14	Excellent
6106	08/06/21 04:30:00	9.16	25.20					9.171567078	111.301169			0.01	0.13	Excellent
6107	08/06/21 05:00:00	9.09	25.18					9.100557413	110.398855			0.01	0.12	Excellent
6108	08/06/21 05:30:00	9.07	25.18					9.079614941	110.1448019			0.01	0.11	Excellent
6109	08/06/21 06:00:00	9.05	25.14					9.058676522	109.8100235			0.01	0.10	Excellent
6110	08/06/21 06:30:00	8.99	25.12					8.997707863	109.0308461			0.01	0.09	Excellent
6111	08/06/21 07:00:00	8.97	25.10					8.976781607	108.737256			0.01	0.08	Excellent
6112	08/06/21 07:30:00	8.90	25.06					8.905826671	107.7983825			0.01	0.07	Excellent
6113	08/06/21 08:00:00	8.77	25.04					8.774852723	106.1739371			0.00	0.06	Excellent
6114	08/06/21 08:30:00	8.91	25.02					8.914027162	107.8181992			0.00	0.05	Excellent
6115	08/06/21 09:00:00	8.82	25.00					8.823092578	106.6790026			0.00	0.04	Excellent
6116	08/06/21 09:30:00	8.77	24.96					8.772186208	105.9853394			0.00	0.02	Excellent
6117	08/06/21 10:00:00	8.77	24.94					8.771297369	105.9355293			0.00	0.01	Excellent
6118	08/06/21 10:30:00	8.76	24.96					8.760408065	105.8430361			0.00	0.00	Excellent
6119	08/06/21 11:00:00	8.77	24.98					8.769519692	105.9921891			0.00	-0.01	Excellent
6120	08/06/21 11:30:00	8.79	25.02					8.788627731	106.3014503			0.00	-0.02	Excellent
6121	08/06/21 12:00:00	8.80	25.04					8.797734291	106.4507995			0.00	-0.03	Excellent
6122	08/06/21 12:30:00	8.84	25.06					8.836828059	106.9632058			0.00	-0.04	Excellent
6123	08/06/21 13:00:00	8.82	25.08					8.815941329	106.7496775			0.00	-0.05	Excellent
6124	08/06/21 13:30:00	8.83	25.12					8.825041808	106.9385437			0.00	-0.06	Excellent
6125	08/06/21 14:00:00	8.87	25.14					8.864120374	107.4515979			-0.01	-0.07	Excellent
6126	08/06/21 14:30:00	8.93	25.14					8.923175547	108.1674695			-0.01	-0.08	Excellent
6127	08/06/21 15:00:00	9.03	25.18					9.022183936	109.4481065			-0.01	-0.09	Excellent
6128	08/06/21 15:30:00	9.01	25.16					9.001288085	109.1544858			-0.01	-0.10	Excellent
6129	08/06/21 16:00:00	9.06	25.18					9.050321509	109.7894433			-0.01	-0.11	Excellent
6130	08/06/21 16:30:00	9.06	25.20					9.049403279	109.8186553			-0.01	-0.12	Excellent
6131	08/06/21 17:00:00	9.03	25.16					9.018523178	109.3634879			-0.01	-0.13	Excellent
6132	08/06/21 17:30:00	9.00	25.14					8.987649158	108.949024			-0.01	-0.14	Excellent
6133	08/06/21 18:00:00	9.12	25.22					9.106560169	110.5528898			-0.01	-0.15	Excellent
6134	08/06/21 18:30:00	9.32	25.34					9.305320855	113.2148769			-0.01	-0.16	Excellent
6135	08/06/21 19:00:00	9.36	25.38					9.344309219	113.7726286			-0.02	-0.17	Excellent
6136	08/06/21 19:30:00	9.30	25.42					9.283467247	113.1147047			-0.02	-0.18	Excellent
6137	08/06/21 20:00:00	9.26	25.42					9.242599856	112.6167546			-0.02	-0.19	Excellent
6138	08/06/21 20:30:00	9.20	25.44					9.181780181	111.9166788			-0.02	-0.20	Excellent
6139	08/06/21 21:00:00	9.22	25.48					9.200806127	112.2307333			-0.02	-0.21	Excellent

6140	08/06/21 21:30:00	9.15	25.46					9.130024499	111.3265849			-0.02	-0.22	Excellent
6141	08/06/21 22:00:00	9.11	25.52					9.089188526	110.950395			-0.02	-0.23	Excellent
6142	08/06/21 22:30:00	9.10	25.54					9.078289086	110.8578861			-0.02	-0.24	Excellent
6143	08/06/21 23:00:00	9.05	25.54					9.027491161	110.2375764			-0.02	-0.25	Excellent
6144	08/06/21 23:30:00	9.01	25.52				8.242	8.986677485	109.6990577		8.371	-0.02	-0.26	Excellent
6145	08/07/21 00:00:00	8.81	25.52	6.42	8.96	8.20375		8.786302295	107.2531071	8.162		-0.02	-0.27	Excellent
6146	08/07/21 00:30:00	8.90	25.54					8.875158193	108.3773899			-0.02	-0.28	Excellent
6147	08/07/21 01:00:00	8.96	25.56					8.934082625	109.1368334			-0.03	-0.29	Excellent
6148	08/07/21 01:30:00	7.83	25.56					7.806557653	95.36323068			-0.02	-0.30	Excellent
6149	08/07/21 02:00:00	7.85	25.54					7.825702178	95.56214751			-0.02	-0.31	Excellent
6150	08/07/21 02:30:00	7.58	25.54					7.555769667	92.26591545			-0.02	-0.32	Excellent
6151	08/07/21 03:00:00	7.27	25.54					7.246023804	88.48350983			-0.02	-0.33	Excellent
6152	08/07/21 03:30:00	7.18	25.54					7.155592928	87.37922954			-0.02	-0.34	Excellent
6153	08/07/21 04:00:00	6.73	25.56					6.706440535	81.92443638			-0.02	-0.35	Excellent
6154	08/07/21 04:30:00	6.74	25.58					6.71572243	82.06781615			-0.02	-0.36	Excellent
6155	08/07/21 05:00:00	7.35	25.58					7.32278028	89.48621567			-0.03	-0.37	Excellent
6156	08/07/21 05:30:00	7.33	25.58					7.302111452	89.23363741			-0.03	-0.38	Excellent
6157	08/07/21 06:00:00	7.51	25.56					7.480665466	91.38220176			-0.03	-0.39	Excellent
6158	08/07/21 06:30:00	6.98	25.52					6.952028257	84.86239219			-0.03	-0.40	Excellent
6159	08/07/21 07:00:00	7.24	25.52					7.210252557	88.01449844			-0.03	-0.41	Excellent
6160	08/07/21 07:30:00	8.61	25.50					8.573750929	104.620241			-0.04	-0.42	Excellent
6161	08/07/21 08:00:00	8.38	25.48					8.343869943	101.7778909			-0.04	-0.43	Excellent
6162	08/07/21 08:30:00	8.58	25.48					8.542138068	104.1963504			-0.04	-0.44	Excellent
6163	08/07/21 09:00:00	8.64	25.50					8.600997637	104.9527159			-0.04	-0.45	Excellent
6164	08/07/21 09:30:00	8.68	25.50					8.639937353	105.4278735			-0.04	-0.46	Excellent
6165	08/07/21 10:00:00	8.71	25.50					8.66891613	105.7814838			-0.04	-0.47	Excellent
6166	08/07/21 10:30:00	8.71	25.50					8.668033373	105.770712			-0.04	-0.48	Excellent
6167	08/07/21 11:00:00	8.67	25.52					8.627347397	105.3127679			-0.04	-0.49	Excellent
6168	08/07/21 11:30:00	8.69	25.54					8.646368276	105.5835632			-0.04	-0.50	Excellent
6169	08/07/21 12:00:00	8.71	25.56					8.6653851	105.8544822			-0.04	-0.51	Excellent
6170	08/07/21 12:30:00	8.66	25.56					8.614763523	105.2360999			-0.05	-0.52	Excellent
6171	08/07/21 13:00:00	8.62	25.54					8.574098831	104.701058			-0.05	-0.53	Excellent
6172	08/07/21 13:30:00	8.64	25.54					8.593116669	104.9332908			-0.05	-0.54	Excellent
6173	08/07/21 14:00:00	8.60	25.54					8.552462112	104.4368451			-0.05	-0.55	Excellent
6174	08/07/21 14:30:00	8.65	25.56					8.601309053	105.071743			-0.05	-0.56	Excellent
6175	08/07/21 15:00:00	8.58	25.56					8.530833501	104.2108288			-0.05	-0.57	Excellent
6176	08/07/21 15:30:00	8.63	25.56					8.579672334	104.8074335			-0.05	-0.58	Excellent
6177	08/07/21 16:00:00	8.69	25.58					8.638441701	105.5639289			-0.05	-0.59	Excellent
6178	08/07/21 16:30:00	8.68	25.58					8.627621314	105.4317011			-0.05	-0.60	Excellent
6179	08/07/21 17:00:00	8.73	25.58					8.676434809	106.0282143			-0.05	-0.61	Excellent
6180	08/07/21 17:30:00	8.71	25.58					8.655674767	105.7745213			-0.05	-0.62	Excellent
6181	08/07/21 18:00:00	8.68	25.58					8.624982163	105.39945			-0.06	-0.63	Excellent
6182	08/07/21 18:30:00	8.68	25.58					8.624102446	105.3886996			-0.06	-0.64	Excellent
6183	08/07/21 19:00:00	8.61	25.58					8.55368061	104.5281271			-0.06	-0.65	Excellent
6184	08/07/21 19:30:00	8.63	25.56					8.572675137	104.7219572			-0.06	-0.66	Excellent
6185	08/07/21 20:00:00	8.58	25.54					8.522137681	104.0665438			-0.06	-0.67	Excellent
6186	08/07/21 20:30:00	8.45	25.52					8.392157976	102.441845			-0.06	-0.68	Excellent
6187	08/07/21 21:00:00	8.40	25.50					8.341648897	101.7880418			-0.06	-0.69	Excellent
6188	08/07/21 21:30:00	8.26	25.50					8.201784266	100.0813592			-0.06	-0.70	Excellent
6189	08/07/21 22:00:00	8.17	25.50					8.111590549	98.98078043			-0.06	-0.71	Excellent
6190	08/07/21 22:30:00	8.05	25.52					7.991632593	97.55269027			-0.06	-0.73	Excellent
6191	08/07/21 23:00:00	7.02	25.50					6.968389245	85.03099382			-0.05	-0.74	Excellent
6192	08/07/21 23:30:00	6.42	25.50				8.365	6.372149754	77.75544783		8.460	-0.05	-0.75	Excellent
6193	08/08/21 00:00:00	6.47	25.48	5.83	8.82	7.71000		6.421121355	78.32434986	7.632		-0.05	-0.76	Excellent
6194	08/08/21 00:30:00	6.40	25.50					6.351001542	77.49738912			-0.05	-0.77	Excellent
6195	08/08/21 01:00:00	6.49	25.50					6.43965474	78.5791699			-0.05	-0.78	Excellent
6196	08/08/21 01:30:00	6.29	25.54					6.240568721	76.20557684			-0.05	-0.79	Excellent
6197	08/08/21 02:00:00	5.83	25.52					5.783592857	70.59947214			-0.05	-0.80	Excellent
6198	08/08/21 02:30:00	6.59	25.52					6.536875317	79.79468096			-0.05	-0.81	Excellent
6199	08/08/21 03:00:00	6.62	25.52					6.565962538	80.14974442			-0.05	-0.82	Excellent
6200	08/08/21 03:30:00	6.23	25.50					6.178514604	75.39263647			-0.05	-0.83	Excellent
6201	08/08/21 04:00:00	6.73	25.48					6.673700465	81.40529064			-0.06	-0.84	Excellent
6202	08/08/21 04:30:00	6.57	25.46					6.51437307	79.43274488			-0.06	-0.85	Excellent
6203	08/08/21 05:00:00	6.34	25.46					6.285677877	76.64415929			-0.05	-0.86	Excellent
6204	08/08/21 05:30:00	6.10	25.44					6.047116001	73.7082707			-0.05	-0.87	Excellent
6205	08/08/21 06:00:00	6.54	25.42					6.482638589	78.98791799			-0.06	-0.88	Excellent
6206	08/08/21 06:30:00	6.80	25.40					6.739668987	82.08963279			-0.06	-0.89	Excellent
6207	08/08/21 07:00:00	6.82	25.40					6.758800336	82.32265394			-0.06	-0.90	Excellent
6208	08/08/21 07:30:00	7.80	25.42					7.729215721	94.17687706			-0.07	-0.91	Excellent
6209	08/08/21 08:00:00	7.87	25.44					7.797782854	95.04714136			-0.07	-0.92	Excellent
6210	08/08/21 08:30:00	7.79	25.44					7.717727439	94.07134626			-0.07	-0.93	Excellent
6211	08/08/21 09:00:00	7.82	25.44					7.746656554	94.42396312			-0.07	-0.94	Excellent
6212	08/08/21 09:30:00	8.01	25.44					7.93406274	96.7082563			-0.08	-0.95	Excellent
6213	08/08/21 10:00:00	8.03	25.42					7.953059294	96.90430626			-0.08	-0.96	Excellent
6214	08/08/21 10:30:00	8.05	25.42					7.972051794	97.13572099			-0.08	-0.97	Excellent
6215	08/08/21 11:00:00	8.02	25.42					7.941529458	96.76382061			-0.08	-0.98	Excellent
6216	08/08/21 11:30:00	7.98	25.44					7.90111206	96.30662062			-0.08	-0.99	Excellent
6217	08/08/21 12:00:00	7.96	25.44					7.880503029	96.05541723			-0.08	-1.00	Excellent
6218	08/08/21 12:30:00	7.92	25.42					7.84009982	95.52794793			-0.08	-1.01	Excellent
6219	08/08/21 13:00:00	7.92	25.44					7.839297129	95.55315869			-0.08	-1.02	Excellent
6220	08/08/21 13:30:00	7.99	25.44					7.907774061	96.38782371			-0.08	-1.03	Excellent
6221	08/08/21 14:00:00	8.00	25.46					7.91686035	96.53391688			-0.08	-1.04	Excellent
6222	08/08/21 14:30:00	8.02	25.46					7.935839675	96.76534051			-0.08	-1.05	Excellent
6223	08/08/21 15:00:00	8.08	25.46					7.99439114	97.47928543			-0.09	-1.06	Excellent
6224	08/08/21 15:30:00	8.29	25.48					8.201325966	100.0391503			-0.09	-1.07	Excellent
6225	08/08/21 16:00:00	8.32	25.54					8.23016184	100.5011336			-0.09	-1.08	Excellent
6226	08/08/21 16:30:00	8.47	25.56					8.377683728	102.3399841			-0.09	-1.09	Excellent
6227	08/08/21 17:00:00	8.51	25.58					8.416385272	102.8503436			-0.09	-1.10	Excellent
6228	08/08/21 17:30:00	8.59	25.60					8.494634632	103.8445129			-0.10	-1.11	Excellent
6229	08/08/21 18:00:00	8.61	25.64					8.513539972	104.1516891			-0.10	-1.12	Excellent
6230	08/08/21 18:30:00	8.60	25.66					8.502780395	104.058049			-0.10	-1.13	Excellent
6231	08/08/21 19:00:00	8.70	25.68					8.60076819	105.2956653			-0.10	-1.14	Excellent
6232	08/08/21 19:30:00	8.68	25.76					8.580116592	105.1962201			-0.10	-1.15	Excellent
6233	08/08/21 20:00:00	8.82	25.82					8.717611664	106.9988906			-0.10	-1.16	Excellent
6234	08/08/21 20:30:00	8.78	25.86					8.677186158	106.5803131			-0.10	-1.17	Excellent
6235	08/08/21 21:00:00	8.66	25.80					8.557713668	104.9980615			-0.10	-1.18	Excellent
6236	08/08/21 21:30:00	8.62	25.82					8.517312487	104.5404432			-0.10	-1.19	Excellent
6237	08/08/21 22:00:00	8.54	25.80					8.437399975	103.521884			-0.10	-1.20	Excellent
6238	08/08/21 22:30:00	8.63	25.88					8.52544406	104.7546188			-0.10	-1.21	Excellent
6239	08/08/21 23:00:00	8.65	25.92					8.544325076	105.0630474			-0.11	-1.22	Excellent
6240	08/08/21 23:30:00	8.53	25.96				8.406	8.424926572	103.6702723		8.461	-0.11	-1.23	Excellent
6241	08/09/21 00:00:00	8.56	26.02	6.63	8.56	7.82121		8.453689473	104.1376818	7.711		-0.11	-1.24	Excellent
6242	08/09/21 00:30:00	8.19	26.02					8.087454616	99.62617836			-0.10	-1.25	Excellent
6243	08/09/21 01:00:00	7.07	26.00					6.980761372	85.96202098			-0.09	-1.26	Excellent
6244	08/09/21 01:30:00	7.48	26.02					7.384828192	90.97079929			-0.10	-1.27	Excellent
6245	08/09/21 02:00:00	6.71	26.02					6.623945232	81.59778082			-0.09	-1.28	Excellent
6246	08/09/21 02:30:00	6.99	26.02					6.899645837	84.99402834			-0.09	-1.29	Excellent
6247	08/09/21 03:00:00	7.22	26.02					7.125941064	87.7816704			-0.09	-1.30	Excellent
6248	08/09/21 03:30:00	6.63	26.02					6.542955371	80.60009852			-0.09	-1.31	Excellent
6249	08/09/21 04:00:00	7.25	25.98					7.154080664	88.06428717			-0.10	-1.32	Excellent
6250	08/09/21 04:30:00	6.89	25.98					6.798145255	83.68284397			-0.09	-1.33	Excellent
6251	08/09/21 05:00:00	6.96	26.02					6.866506647	84.58579967			-0.09	-1.34	Excellent
6252	08/09/21 05:30:00	7.56	26.04					7.45768067	91.90161523			-0.10	-1.35	Excellent
6253	08/09/21 06:00:00	7.09	26.04					6.993323222	86.17930002			-0.10	-1.36	Excellent
6254	08/09/21 06:30:00	7.55	26.04					7.44628563	91.76119321			-0.10	-1.37	Excellent
6255	08/09/21 07:00:00	7.01	26.06					6.912993149	85.22032588			-0.10	-1.38	Excellent

6256	08/09/21 07:30:00	7.33	26.06					7.227821981	89.10139666			-0.10	-1.39	Excellent
6257	08/09/21 08:00:00	7.40	26.08					7.296096213	89.97570872			-0.10	-1.40	Excellent
6258	08/09/21 08:30:00	8.49	26.12					8.369931005	103.2932141			-0.12	-1.41	Excellent
6259	08/09/21 09:00:00	8.44	26.10					8.319782732	102.6370888			-0.12	-1.42	Excellent
6260	08/09/21 09:30:00	8.40	26.08					8.279501143	102.103092			-0.12	-1.43	Excellent
6261	08/09/21 10:00:00	8.43	26.06					8.308216411	102.4200219			-0.12	-1.44	Excellent
6262	08/09/21 10:30:00	8.43	26.04					8.307362031	102.3723089			-0.12	-1.45	Excellent
6263	08/09/21 11:00:00	8.41	26.06					8.286800634	102.1560177			-0.12	-1.46	Excellent
6264	08/09/21 11:30:00	8.38	26.06					8.256390797	101.7811387			-0.12	-1.48	Excellent
6265	08/09/21 12:00:00	8.41	26.08					8.285095929	102.1720871			-0.12	-1.49	Excellent
6266	08/09/21 12:30:00	8.36	26.10					8.234991237	101.5910576			-0.13	-1.50	Excellent
6267	08/09/21 13:00:00	8.38	26.10					8.253842861	101.8236209			-0.13	-1.51	Excellent
6268	08/09/21 13:30:00	8.34	26.10					8.213599784	101.3271617			-0.13	-1.52	Excellent
6269	08/09/21 14:00:00	8.40	26.12					8.271839091	102.0826631			-0.13	-1.53	Excellent
6270	08/09/21 14:30:00	8.39	26.16					8.261141338	102.0246192			-0.13	-1.54	Excellent
6271	08/09/21 15:00:00	8.34	26.18					8.21106401	101.4429363			-0.13	-1.55	Excellent
6272	08/09/21 15:30:00	8.31	26.18					8.180685591	101.0676285			-0.13	-1.56	Excellent
6273	08/09/21 16:00:00	8.30	26.16					8.17	100.899029			-0.13	-1.57	Excellent
6274	08/09/21 16:30:00			Monitor removed from tailrace-Vandalism										
6275	08/09/21 17:00:00			Found on bedrock near concrete of fishing pier										
6276	08/09/21 17:30:00													
6277	08/09/21 18:00:00													
6278	08/09/21 18:30:00													
6279	08/09/21 19:00:00													
6280	08/09/21 19:30:00													
6281	08/09/21 20:00:00													
6282	08/09/21 20:30:00													
6283	08/09/21 21:00:00													
6284	08/09/21 21:30:00													
6285	08/09/21 22:00:00													
6286	08/09/21 22:30:00													
6287	08/09/21 23:00:00													
6288	08/09/21 23:30:00						8.437				8.451			
6289	08/10/21 00:00:00													
6290	08/10/21 00:30:00													
6291	08/10/21 01:00:00													
6292	08/10/21 01:30:00													
6293	08/10/21 02:00:00													
6294	08/10/21 02:30:00													
6295	08/10/21 03:00:00													
6296	08/10/21 03:30:00													
6297	08/10/21 04:00:00													
6298	08/10/21 04:30:00													
6299	08/10/21 05:00:00													
6300	08/10/21 05:30:00													
6301	08/10/21 06:00:00													
6302	08/10/21 06:30:00													
6303	08/10/21 07:00:00													
6304	08/10/21 07:30:00													
6305	08/10/21 08:00:00													
6306	08/10/21 08:30:00													
6307	08/10/21 09:00:00													
6308	08/10/21 09:30:00													
6309	08/10/21 10:00:00													
6310	08/10/21 10:30:00													
6311	08/10/21 11:00:00													
6312	08/10/21 11:30:00													
6313	08/10/21 12:00:00													
6314	08/10/21 12:30:00													
6315	08/10/21 13:00:00													
6316	08/10/21 13:30:00													
6317	08/10/21 14:00:00													
6318	08/10/21 14:30:00													
6319	08/10/21 15:00:00													
6320	08/10/21 15:30:00													
6321	08/10/21 16:00:00													
6322	08/10/21 16:30:00													
6323	08/10/21 17:00:00													
6324	08/10/21 17:30:00													
6325	08/10/21 18:00:00													
6326	08/10/21 18:30:00													
6327	08/10/21 19:00:00													
6328	08/10/21 19:30:00													
6329	08/10/21 20:00:00													
6330	08/10/21 20:30:00													
6331	08/10/21 21:00:00													
6332	08/10/21 21:30:00													
6333	08/10/21 22:00:00													
6334	08/10/21 22:30:00													
6335	08/10/21 23:00:00													
6336	08/10/21 23:30:00						8.450				8.437			
6337	08/11/21 00:00:00													
6338	08/11/21 00:30:00													
6339	08/11/21 01:00:00													
6340	08/11/21 01:30:00													
6341	08/11/21 02:00:00													
6342	08/11/21 02:30:00													
6343	08/11/21 03:00:00													
6344	08/11/21 03:30:00													
6345	08/11/21 04:00:00													
6346	08/11/21 04:30:00													
6347	08/11/21 05:00:00													
6348	08/11/21 05:30:00													
6349	08/11/21 06:00:00													
6350	08/11/21 06:30:00													
6351	08/11/21 07:00:00													
6352	08/11/21 07:30:00													
6353	08/11/21 08:00:00													
6354	08/11/21 08:30:00													
6355	08/11/21 09:00:00													
6356	08/11/21 09:30:00													
6357	08/11/21 10:00:00													
6358	08/11/21 10:30:00													
6359	08/11/21 11:00:00													
6360	08/11/21 11:30:00													
6361	08/11/21 12:00:00													
6362	08/11/21 12:30:00													
6363	08/11/21 13:00:00													
6364	08/11/21 13:30:00			Monitor placed back in the tailrace @ 1346 hour										
6365	08/11/21 14:00:00	7.67	27.50	7.34	7.68	7.52300		8.17	103.1859731	8.006		0.50	6.52	Good
6366	08/11/21 14:30:00	7.64	27.34					8.137212233	102.4792407			0.50	6.51	Good
6367	08/11/21 15:00:00	7.54	27.28					8.029883015	101.019315			0.49	6.50	Good
6368	08/11/21 15:30:00	7.50	27.24					7.986467319	100.4013792			0.49	6.49	Good
6369	08/11/21 16:00:00	7.50	27.26					7.985650471	100.4269789			0.49	6.48	Good
6370	08/11/21 16:30:00	7.49	27.28					7.974187178	100.3186379			0.48	6.46	Good
6371	08/11/21 17:00:00	7.45	27.26					7.930789997	99.73705745			0.48	6.45	Good

6372	08/11/21 17:30:00	7.49	27.30					7.972555661	100.3339292			0.48	6.44	Good
6373	08/11/21 18:00:00	7.49	27.30					7.971739903	100.323663			0.48	6.43	Good
6374	08/11/21 18:30:00	7.42	27.26					7.896429526	99.30494258			0.48	6.42	Good
6375	08/11/21 19:00:00	7.35	27.24					7.821134397	98.3229066			0.47	6.41	Good
6376	08/11/21 19:30:00	7.34	27.16					7.809693976	98.03880316			0.47	6.40	Good
6377	08/11/21 20:00:00	7.41	27.22					7.883366301	99.06984515			0.47	6.39	Good
6378	08/11/21 20:30:00	7.43	27.24					7.903834719	99.36256857			0.47	6.38	Good
6379	08/11/21 21:00:00	7.55	27.30					8.030665207	101.0652329			0.48	6.37	Good
6380	08/11/21 21:30:00	7.62	27.36					8.104291789	102.1010624			0.48	6.36	Good
6381	08/11/21 22:00:00	7.68	27.42					8.167268658	103.004595			0.49	6.34	Good
6382	08/11/21 22:30:00	7.63	27.44					8.113265329	102.3599841			0.48	6.33	Good
6383	08/11/21 23:00:00	7.62	27.44					8.101802037	102.2153589			0.48	6.32	Good
6384	08/11/21 23:30:00	7.64	27.46				8.315	8.122234514	102.5096589		8.324	0.48	6.31	Good
6385	08/12/21 00:00:00	7.58	27.48	6.75	7.91	7.41875		8.057621771	101.730419	7.867		0.48	6.30	Good
6386	08/12/21 00:30:00	7.46	27.48					7.929247985	100.1096531			0.47	6.29	Good
6387	08/12/21 01:00:00	7.49	27.50					7.960319283	100.5377345			0.47	6.28	Good
6388	08/12/21 01:30:00	7.35	27.52					7.810727757	98.68353982			0.46	6.27	Good
6389	08/12/21 02:00:00	7.16	27.52					7.608037971	96.12268426			0.45	6.26	Good
6390	08/12/21 02:30:00	7.10	27.50					7.54351018	95.27349306			0.44	6.25	Good
6391	08/12/21 03:00:00	6.75	27.52					7.17091184	90.59987571			0.42	6.24	Good
6392	08/12/21 03:30:00	6.75	27.52					7.170176677	90.5905874			0.42	6.22	Good
6393	08/12/21 04:00:00	7.13	27.52					7.573054517	95.68069074			0.44	6.21	Good
6394	08/12/21 04:30:00	7.04	27.50					7.476695216	94.42962928			0.44	6.20	Good
6395	08/12/21 05:00:00	7.29	27.50					7.741408883	97.77292637			0.45	6.19	Good
6396	08/12/21 05:30:00	7.28	27.52					7.729996779	97.66355565			0.45	6.18	Good
6397	08/12/21 06:00:00	7.33	27.54					7.782289084	98.35923643			0.45	6.17	Good
6398	08/12/21 06:30:00	7.32	27.54					7.770874802	98.21497296			0.45	6.16	Good
6399	08/12/21 07:00:00	7.33	27.54					7.780692419	98.33905641			0.45	6.15	Good
6400	08/12/21 07:30:00	7.28	27.54					7.726825232	97.65823675			0.45	6.14	Good
6401	08/12/21 08:00:00	7.22	27.54					7.662356255	96.84342258			0.44	6.13	Good
6402	08/12/21 08:30:00	7.33	27.54					7.778297422	98.30878638			0.45	6.12	Good
6403	08/12/21 09:00:00	7.32	27.54					7.766888586	98.16459174			0.45	6.11	Good
6404	08/12/21 09:30:00	7.32	27.52					7.766091342	98.11958732			0.45	6.09	Good
6405	08/12/21 10:00:00	7.32	27.52					7.765294099	98.10951466			0.45	6.08	Good
6406	08/12/21 10:30:00	7.37	27.50					7.817533036	98.73436393			0.45	6.07	Good
6407	08/12/21 11:00:00	7.36	27.50					7.8061242	98.59027191			0.45	6.06	Good
6408	08/12/21 11:30:00	7.39	27.52					7.837137774	99.01721345			0.45	6.05	Good
6409	08/12/21 12:00:00	7.44	27.52					7.889352751	99.67691622			0.45	6.04	Good
6410	08/12/21 12:30:00	7.48	27.60					7.930953956	100.3452195			0.45	6.03	Good
6411	08/12/21 13:00:00	7.42	27.58					7.866528544	99.49469667			0.45	6.02	Good
6412	08/12/21 13:30:00	7.32	27.52					7.759713396	98.03900605			0.44	6.01	Good
6413	08/12/21 14:00:00	7.31	27.54					7.74831654	97.92986231			0.44	6.00	Good
6414	08/12/21 14:30:00	7.37	27.58					7.811111524	98.79379035			0.44	5.99	Good
6415	08/12/21 15:00:00	7.42	27.62					7.863296005	99.52456604			0.44	5.97	Good
6416	08/12/21 15:30:00	7.42	27.60					7.862487871	99.47896254			0.44	5.96	Good
6417	08/12/21 16:00:00	7.38	27.56					7.819298713	98.86216661			0.44	5.95	Good
6418	08/12/21 16:30:00	7.39	27.56					7.829089101	98.98594996			0.44	5.94	Good
6419	08/12/21 17:00:00	7.42	27.62					7.860063467	99.48365228			0.44	5.93	Good
6420	08/12/21 17:30:00	7.53	27.64					7.975767203	100.9839854			0.45	5.92	Good
6421	08/12/21 18:00:00	7.62	27.68					8.070265181	102.2530944			0.45	5.91	Good
6422	08/12/21 18:30:00	7.65	27.70					8.101204694	102.6815718			0.45	5.90	Good
6423	08/12/21 19:00:00	7.74	27.74					8.195669998	103.9526922			0.46	5.89	Good
6424	08/12/21 19:30:00	7.81	27.82					8.268940433	105.0309791			0.46	5.88	Good
6425	08/12/21 20:00:00	7.83	27.88					8.289262908	105.4011258			0.46	5.87	Good
6426	08/12/21 20:30:00	7.91	27.92					8.373093747	106.5425157			0.46	5.85	Good
6427	08/12/21 21:00:00	7.68	27.88					8.128791864	103.3606756			0.45	5.84	Good
6428	08/12/21 21:30:00	7.75	27.92					8.202038339	104.3659398			0.45	5.83	Good
6429	08/12/21 22:00:00	7.72	27.94					8.169447704	103.9880561			0.45	5.82	Good
6430	08/12/21 22:30:00	7.76	28.02					8.210931284	104.6641286			0.45	5.81	Good
6431	08/12/21 23:00:00	7.76	28.04					8.210086119	104.6903685			0.45	5.80	Good
6432	08/12/21 23:30:00	7.70	28.04				8.006	8.145767441	103.8702131		8.094	0.45	5.79	Good
6433	08/13/21 00:00:00	7.66	28.06	6.75	7.66	7.18521		8.102617492	103.3565216	7.582		0.44	5.78	Good
6434	08/13/21 00:30:00	7.58	28.00					8.017169295	102.158119			0.44	5.77	Good
6435	08/13/21 01:00:00	7.55	28.02					7.98461678	101.7793145			0.43	5.76	Good
6436	08/13/21 01:30:00	7.41	27.98					7.835750615	99.81108764			0.43	5.75	Good
6437	08/13/21 02:00:00	7.23	27.96					7.644621054	97.3420425			0.41	5.73	Good
6438	08/13/21 02:30:00	6.87	27.96					7.26322779	92.48560828			0.39	5.72	Good
6439	08/13/21 03:00:00	7.05	27.94					7.452762864	94.8654488			0.40	5.71	Good
6440	08/13/21 03:30:00	7.12	27.94					7.525986467	95.79750448			0.41	5.70	Good
6441	08/13/21 04:00:00	6.89	27.92					7.282121325	92.66055641			0.39	5.69	Good
6442	08/13/21 04:30:00	6.93	27.94					7.323643024	93.22189569			0.39	5.68	Good
6443	08/13/21 05:00:00	7.06	27.92					7.460258455	94.92724284			0.40	5.67	Good
6444	08/13/21 05:30:00	7.08	27.92					7.480621228	95.18634671			0.40	5.66	Good
6445	08/13/21 06:00:00	7.14	27.90					7.543238684	95.94912847			0.40	5.65	Good
6446	08/13/21 06:30:00	7.33	28.00					7.743170793	98.66671563			0.41	5.64	Good
6447	08/13/21 07:00:00	7.32	28.00					7.731809878	98.52195012			0.41	5.63	Good
6448	08/13/21 07:30:00	7.28	28.00					7.688766664	97.97347551			0.41	5.61	Good
6449	08/13/21 08:00:00	7.20	27.98					7.603490549	96.85257977			0.40	5.60	Good
6450	08/13/21 08:30:00	7.19	27.96					7.592147061	96.67386999			0.40	5.59	Good
6451	08/13/21 09:00:00	7.18	27.96					7.580805751	96.52945652			0.40	5.58	Good
6452	08/13/21 09:30:00	7.16	27.96					7.558909483	96.25064251			0.40	5.57	Good
6453	08/13/21 10:00:00	7.13	27.96					7.526461525	95.83746957			0.40	5.56	Good
6454	08/13/21 10:30:00	7.19	27.98					7.589014722	96.66818799			0.40	5.55	Good
6455	08/13/21 11:00:00	7.22	28.00					7.619893244	97.09586163			0.40	5.54	Good
6456	08/13/21 11:30:00	7.18	28.00					7.576895773	96.5479699			0.40	5.53	Good
6457	08/13/21 12:00:00	7.15	28.00					7.544458706	96.13464325			0.39	5.52	Good
6458	08/13/21 12:30:00	7.06	28.00					7.448724566	94.91475886			0.39	5.51	Good
6459	08/13/21 13:00:00	7.05	28.00					7.437406128	94.77053459			0.39	5.50	Good
6460	08/13/21 13:30:00	7.08	28.04					7.46828356	95.23132236			0.39	5.48	Good
6461	08/13/21 14:00:00	7.12	28.06					7.509701792	95.79332313			0.39	5.47	Good
6462	08/13/21 14:30:00	7.13	28.08					7.519472576	95.95186496			0.39	5.46	Good
6463	08/13/21 15:00:00	7.04	28.10					7.423789625	94.76438537			0.38	5.45	Good
6464	08/13/21 15:30:00	7.12	28.10					7.50737541	95.83135466			0.39	5.44	Good
6465	08/13/21 16:00:00	7.20	28.18					7.590943768	97.0350622			0.39	5.43	Good
6466	08/13/21 16:30:00	7.23	28.24					7.62178526	97.53248211			0.39	5.42	Good
6467	08/13/21 17:00:00	7.29	28.26					7.684242614	98.36639976			0.39	5.41	Good
6468	08/13/21 17:30:00	7.31	28.28					7.704528058	98.66084936			0.39	5.40	Good
6469	08/13/21 18:00:00	7.32	28.32					7.714270524	98.85525446			0.39	5.39	Good
6470	08/13/21 18:30:00	7.36	28.40					7.755623408	99.52525747			0.40	5.38	Good
6471	08/13/21 19:00:00	7.20	28.28					7.586238726	97.14608741			0.39	5.36	Good
6472	08/13/21 19:30:00	7.19	28.28					7.574919198	97.00113444			0.38	5.35	Good
6473	08/13/21 20:00:00	7.10	28.28					7.479327734	95.77703155			0.38	5.34	Good
6474	08/13/21 20:30:00	7.24	28.32					7.626018905	97.72434568			0.39	5.33	Good
6475	08/13/21 21:00:00	7.27	28.48					7.656826634	98.39578495			0.39	5.32	Good
6476	08/13/21 21:30:00	7.25	28.46					7.634972842	98.0804533			0.38	5.31	Good
6477	08/13/21 22:00:00	7.23	28.48					7.613123407	97.83416673			0.38	5.30	Good
6478	08/13/21 22:30:00	7.14	28.48					7.517576597	96.60632081			0.38	5.29	Good
6479	08/13/21 23:00:00	7.11	28.46					7.485215769	96.1566427			0.38	5.28	Good
6480	08/13/21 23:30:00	6.75	28.46				7.647	7.105482339	91.27850788		7.813	0.36	5.27	Good
6481	08/14/21 00:00:00	6.81	28.44	6.20	6.85	6.60229		7.167900484	92.04796326	6.932		0.36	5.26	Good
6482	08/14/21 00:30:00	6.70	28.42					7.051389702	90.51991615			0.35	5.24	Good
6483	08/14/21 01:00:00	6.69	28.42					7.040136612	90.37545827			0.35	5.23	Good
6484	08/14/21 01:30:00	6.49	28.40					6.828962304	87.63373307			0.34	5.22	Good
6485	08/14/21 02:00:00	6.40	28.38					6.733564705	86.37911837			0.33	5.21	Good
6486	08/14/21 02:30:00	6.20	28.36					6.522465547	83.64165484			0.32	5.20	Good
6487	08/14/21 03:00:00	6.60	28.36					6.94255095	89.02867268			0.34	5.19	Good

6488	08/14/21 03:30:00	6.51	28.38					6.847170777	87.83647309			0.34	5.18	Good
6489	08/14/21 04:00:00	6.53	28.38					6.867495429	88.09720061			0.34	5.17	Good
6490	08/14/21 04:30:00	6.55	28.40					6.887815726	88.38897886			0.34	5.16	Good
6491	08/14/21 05:00:00	6.43	28.42					6.760926425	86.79118853			0.33	5.15	Good
6492	08/14/21 05:30:00	6.41	28.42					6.739198972	86.51226944			0.33	5.14	Good
6493	08/14/21 06:00:00	6.50	28.42					6.833113176	87.71786241			0.33	5.12	Good
6494	08/14/21 06:30:00	6.55	28.44					6.884962204	88.41455729			0.33	5.11	Good
6495	08/14/21 07:00:00	6.49	28.42					6.821187003	87.56476406			0.33	5.10	Good
6496	08/14/21 07:30:00	6.65	28.42					6.988627588	89.71422797			0.34	5.09	Good
6497	08/14/21 08:00:00	6.73	28.44					7.071968319	90.81603203			0.34	5.08	Good
6498	08/14/21 08:30:00	6.67	28.38					7.008193117	89.9020904			0.34	5.07	Good
6499	08/14/21 09:00:00	6.66	28.36					6.99696072	89.72640319			0.34	5.06	Good
6500	08/14/21 09:30:00	6.60	28.32					6.933206212	88.84623142			0.33	5.05	Good
6501	08/14/21 10:00:00	6.58	28.32					6.911479848	88.56781687			0.33	5.04	Good
6502	08/14/21 10:30:00	6.61	28.32					6.94227124	88.96239608			0.33	5.03	Good
6503	08/14/21 11:00:00	6.63	28.34					6.962554506	89.25375281			0.33	5.02	Good
6504	08/14/21 11:30:00	6.59	28.32					6.919830407	88.67482589			0.33	5.01	Good
6505	08/14/21 12:00:00	6.46	28.28					6.782620311	86.85529804			0.32	4.99	Good
6506	08/14/21 12:30:00	6.40	28.22					6.718926794	85.94869729			0.32	4.98	Good
6507	08/14/21 13:00:00	6.39	28.22					6.707732516	85.80549979			0.32	4.97	Good
6508	08/14/21 13:30:00	6.38	28.22					6.696540417	85.66233015			0.32	4.96	Good
6509	08/14/21 14:00:00	6.40	28.24					6.716835664	85.95225815			0.32	4.95	Good
6510	08/14/21 14:30:00	6.48	28.28					6.800090353	87.07901184			0.32	4.94	Good
6511	08/14/21 15:00:00	6.53	28.32					6.851848984	87.80367148			0.32	4.93	Good
6512	08/14/21 15:30:00	6.51	28.34					6.830154205	87.55649878			0.32	4.92	Good
6513	08/14/21 16:00:00	6.65	28.38					6.97631497	89.49315303			0.33	4.91	Good
6514	08/14/21 16:30:00	6.68	28.40					7.007059529	89.91919373			0.33	4.90	Good
6515	08/14/21 17:00:00	6.64	28.38					6.964377906	89.34002269			0.32	4.89	Good
6516	08/14/21 17:30:00	6.76	28.44					7.089503905	91.04121861			0.33	4.87	Good
6517	08/14/21 18:00:00	6.84	28.44					7.172658395	92.10906287			0.33	4.86	Good
6518	08/14/21 18:30:00	6.85	28.48					7.182398683	92.29904111			0.33	4.85	Good
6519	08/14/21 19:00:00	6.83	28.48					7.1606843	92.01999552			0.33	4.84	Good
6520	08/14/21 19:30:00	6.82	28.44					7.149457349	91.81112221			0.33	4.83	Good
6521	08/14/21 20:00:00	6.75	28.42					7.075340659	90.82737875			0.33	4.82	Good
6522	08/14/21 20:30:00	6.83	28.42					7.158452672	91.89430212			0.33	4.81	Good
6523	08/14/21 21:00:00	6.78	28.44					7.105309757	91.24419247			0.33	4.80	Good
6524	08/14/21 21:30:00	6.79	28.44					7.115050045	91.36927425			0.33	4.79	Good
6525	08/14/21 22:00:00	6.74	28.48					7.061922378	90.75083306			0.32	4.78	Good
6526	08/14/21 22:30:00	6.72	28.48					7.040235223	90.47213736			0.32	4.77	Good
6527	08/14/21 23:00:00	6.54	28.46					6.850945202	88.00867074			0.31	4.75	Good
6528	08/14/21 23:30:00	6.56	28.44				7.333	6.871181636	88.23759149		7.572	0.31	4.74	Good
6529	08/15/21 00:00:00	6.49	28.44	6.39	6.81	6.56542		6.797154254	87.28695473	6.859		0.31	4.73	Good
6530	08/15/21 00:30:00	6.69	28.44					7.005891089	89.96748866			0.32	4.72	Good
6531	08/15/21 01:00:00	6.58	28.46					6.889980417	88.51012525			0.31	4.71	Good
6532	08/15/21 01:30:00	6.64	28.46					6.952083804	89.3079183			0.31	4.70	Good
6533	08/15/21 02:00:00	6.56	28.44					6.867609288	88.19171651			0.31	4.69	Good
6534	08/15/21 02:30:00	6.59	28.42					6.898298301	88.55465521			0.31	4.68	Good
6535	08/15/21 03:00:00	6.62	28.40					6.92898078	88.91723589			0.31	4.67	Good
6536	08/15/21 03:30:00	6.52	28.36					6.823603283	87.50333236			0.30	4.66	Excellent
6537	08/15/21 04:00:00	6.61	28.34					6.917074211	88.67073591			0.31	4.65	Good
6538	08/15/21 04:30:00	6.66	28.36					6.968671651	89.36363476			0.31	4.63	Good
6539	08/15/21 05:00:00	6.57	28.34					6.873784854	88.11580487			0.30	4.62	Excellent
6540	08/15/21 05:30:00	6.61	28.32					6.914914466	88.6118301			0.30	4.61	Excellent
6541	08/15/21 06:00:00	6.58	28.36					6.88281394	88.26262764			0.30	4.60	Excellent
6542	08/15/21 06:30:00	6.46	28.34					6.756587919	86.61344446			0.30	4.59	Excellent
6543	08/15/21 07:00:00	6.42	28.34					6.71405224	86.0681749			0.29	4.58	Excellent
6544	08/15/21 07:30:00	6.41	28.32					6.702896082	85.89490032			0.29	4.57	Excellent
6545	08/15/21 08:00:00	6.47	28.32					6.764933032	86.68987873			0.29	4.56	Excellent
6546	08/15/21 08:30:00	6.48	28.32					6.774683122	86.81482219			0.29	4.55	Excellent
6547	08/15/21 09:00:00	6.47	28.30					6.763523697	86.64128538			0.29	4.54	Excellent
6548	08/15/21 09:30:00	6.47	28.30					6.76281903	86.63225854			0.29	4.53	Excellent
6549	08/15/21 10:00:00	6.43	28.30					6.720308401	86.08769394			0.29	4.51	Excellent
6550	08/15/21 10:30:00	6.41	28.30					6.698707287	85.81098193			0.29	4.50	Excellent
6551	08/15/21 11:00:00	6.42	28.30					6.708458467	85.93589533			0.29	4.49	Excellent
6552	08/15/21 11:30:00	6.40	28.30					6.686862799	85.65925308			0.29	4.48	Excellent
6553	08/15/21 12:00:00	6.40	28.30					6.686165756	85.65032389			0.29	4.47	Excellent
6554	08/15/21 12:30:00	6.43	28.32					6.716806847	86.07316114			0.29	4.46	Excellent
6555	08/15/21 13:00:00	6.40	28.34					6.684771669	85.69282404			0.28	4.45	Excellent
6556	08/15/21 13:30:00	6.39	28.32					6.673630759	85.51987705			0.28	4.44	Excellent
6557	08/15/21 14:00:00	6.41	28.34					6.69382036	85.8088202			0.28	4.43	Excellent
6558	08/15/21 14:30:00	6.47	28.38					6.755772357	86.66400127			0.29	4.42	Excellent
6559	08/15/21 15:00:00	6.49	28.40					6.775948888	86.95343007			0.29	4.41	Excellent
6560	08/15/21 15:30:00	6.49	28.40					6.775242043	86.94435937			0.29	4.40	Excellent
6561	08/15/21 16:00:00	6.54	28.42					6.826727302	87.63588584			0.29	4.38	Excellent
6562	08/15/21 16:30:00	6.53	28.44					6.815577679	87.52354265			0.29	4.37	Excellent
6563	08/15/21 17:00:00	6.52	28.44					6.804430234	87.38039061			0.28	4.36	Excellent
6564	08/15/21 17:30:00	6.63	28.48					6.91850681	88.90783883			0.29	4.35	Excellent
6565	08/15/21 18:00:00	6.66	28.52					6.94908691	89.36361615			0.29	4.34	Excellent
6566	08/15/21 18:30:00	6.75	28.54					7.042258327	90.59360472			0.29	4.33	Excellent
6567	08/15/21 19:00:00	6.81	28.56					7.104114481	91.42144869			0.29	4.32	Excellent
6568	08/15/21 19:30:00	6.77	28.56					7.061649595	90.87497644			0.29	4.31	Excellent
6569	08/15/21 20:00:00	6.81	28.58					7.102631086	91.43446454			0.29	4.30	Excellent
6570	08/15/21 20:30:00	6.80	28.60					7.091460769	91.32272353			0.29	4.29	Excellent
6571	08/15/21 21:00:00	6.79	28.60					7.080292631	91.178902			0.29	4.28	Excellent
6572	08/15/21 21:30:00	6.77	28.62					7.058700231	90.9327516			0.29	4.26	Excellent
6573	08/15/21 22:00:00	6.68	28.62					6.964134727	89.71452428			0.28	4.25	Excellent
6574	08/15/21 22:30:00	6.72	28.62					7.005104237	90.24230846			0.29	4.24	Excellent
6575	08/15/21 23:00:00	6.75	28.64					7.035641861	90.66751736			0.29	4.23	Excellent
6576	08/15/21 23:30:00	6.57	28.64				7.109	6.847309186	88.24049558		7.421	0.28	4.22	Excellent
6577	08/16/21 00:00:00	6.39	28.62	6.32	6.67	6.47458		6.65901572	85.78386992	6.731		0.27	4.21	Excellent
6578	08/16/21 00:30:00	6.38	28.62					6.64789986	85.64067135			0.27	4.20	Excellent
6579	08/16/21 01:00:00	6.32	28.60					6.584692095	84.79663575			0.26	4.19	Excellent
6580	08/16/21 01:30:00	6.57	28.60					6.844446952	88.14171819			0.27	4.18	Excellent
6581	08/16/21 02:00:00	6.56	28.62					6.833314755	88.02925367			0.27	4.17	Excellent
6582	08/16/21 02:30:00	6.52	28.60					6.790938088	87.45263942			0.27	4.16	Excellent
6583	08/16/21 03:00:00	6.56	28.60					6.831885816	87.97995785			0.27	4.14	Excellent
6584	08/16/21 03:30:00	6.61	28.58					6.883238201	88.61014906			0.27	4.13	Excellent
6585	08/16/21 04:00:00	6.56	28.58					6.830456877	87.93067802			0.27	4.12	Excellent
6586	08/16/21 04:30:00	6.50	28.58					6.767275251	87.11732055			0.27	4.11	Excellent
6587	08/16/21 05:00:00	6.45	28.58					6.714516799	86.43814394			0.26	4.10	Excellent
6588	08/16/21 05:30:00	6.55	28.58					6.817904454	87.76908663			0.27	4.09	Excellent
6589	08/16/21 06:00:00	6.67	28.56					6.942086177	89.33633839			0.27	4.08	Excellent
6590	08/16/21 06:30:00	6.59	28.54					6.858105038	88.22460467			0.27	4.07	Excellent
6591	08/16/21 07:00:00	6.54	28.54					6.805358566	87.54605913			0.27	4.06	Excellent
6592	08/16/21 07:30:00	6.51	28.54					6.773432301	87.13535062			0.26	4.05	Excellent
6593	08/16/21 08:00:00	6.44	28.52					6.699898296	86.15910943			0.26	4.04	Excellent
6594	08/16/21 08:30:00	6.45	28.52					6.709599376	86.28386303			0.26	4.02	Excellent
6595	08/16/21 09:00:00	6.47	28.52					6.729699668	86.54234803			0.26	4.01	Excellent
6596	08/16/21 09:30:00	6.44	28.52					6.697794096	86.13204992			0.26	4.00	Excellent
6597	08/16/21 10:00:00	6.41	28.50					6.66589506	85.69171358			0.26	3.99	Excellent
6598	08/16/21 10:30:00	6.37	28.50					6.623604435	85.14805724			0.25	3.98	Excellent
6599	08/16/21 11:00:00	6.37	28.50					6.622910659	85.13913858			0.25	3.97	Excellent
6600	08/16/21 11:30:00	6.43	28.50					6.684592552	85.93207443			0.25	3.96	Excellent
6601	08/16/21 12:00:00	6.40	28.50					6.652707674	85.52218651			0.25	3.95	Excellent
6602	08/16/21 12:30:00	6.38	28.50					6.631223097	85.24599702			0.25	3.94	Excellent
6603	08/16/21 13:00:00	6.37	28.50					6.620135555	85.10346394			0.25	3.93	Excellent

6604	08/16/21 13:30:00	6.45	28.52					6.702574485	86.1935246			0.25	3.92	Excellent
6605	08/16/21 14:00:00	6.50	28.52					6.753824493	86.85258758			0.25	3.90	Excellent
6606	08/16/21 14:30:00	6.54	28.52					6.794674198	87.37790515			0.25	3.89	Excellent
6607	08/16/21 15:00:00	6.48	28.50					6.731631981	86.53677781			0.25	3.88	Excellent
6608	08/16/21 15:30:00	6.54	28.50					6.793249616	87.3288876			0.25	3.87	Excellent
6609	08/16/21 16:00:00	6.46	28.50					6.709448183	86.25159965			0.25	3.86	Excellent
6610	08/16/21 16:30:00	6.55	28.50					6.802210087	87.44407665			0.25	3.85	Excellent
6611	08/16/21 17:00:00	6.52	28.52					6.770344813	87.06503501			0.25	3.84	Excellent
6612	08/16/21 17:30:00	6.57	28.54					6.821549077	87.75433844			0.25	3.83	Excellent
6613	08/16/21 18:00:00	6.46	28.54					6.70663387	86.27603669			0.25	3.82	Excellent
6614	08/16/21 18:30:00	6.52	28.52					6.768214475	87.03763935			0.25	3.81	Excellent
6615	08/16/21 19:00:00	6.48	28.52					6.72598593	86.49459024			0.25	3.80	Excellent
6616	08/16/21 19:30:00	6.48	28.52					6.725280174	86.48551438			0.25	3.79	Excellent
6617	08/16/21 20:00:00	6.44	28.50					6.683064699	85.9124335			0.24	3.77	Excellent
6618	08/16/21 20:30:00	6.45	28.50					6.692739639	86.03680723			0.24	3.76	Excellent
6619	08/16/21 21:00:00	6.46	28.48					6.702412402	86.13086868			0.24	3.75	Excellent
6620	08/16/21 21:30:00	6.44	28.48					6.680960499	85.85519615			0.24	3.74	Excellent
6621	08/16/21 22:00:00	6.41	28.46					6.64913988	85.41623748			0.24	3.73	Excellent
6622	08/16/21 22:30:00	6.39	28.46					6.627697779	85.14078779			0.24	3.72	Excellent
6623	08/16/21 23:00:00	6.40	28.44					6.63737272	85.23508963			0.24	3.71	Excellent
6624	08/16/21 23:30:00	6.43	28.44				6.901	6.667785094	85.62563594		7.257	0.24	3.70	Excellent
6625	08/17/21 00:00:00	6.39	28.44	5.51	6.77	6.33915		6.625609916	85.08403534	6.478		0.24	3.69	Excellent
6626	08/17/21 00:30:00	6.21	28.44					6.438296667	82.67861648			0.23	3.68	Excellent
6627	08/17/21 01:00:00	6.09	28.42					6.313221857	81.04392713			0.22	3.67	Excellent
6628	08/17/21 01:30:00	6.18	28.40					6.40584762	82.20404733			0.23	3.65	Excellent
6629	08/17/21 02:00:00	6.15	28.38					6.374081457	81.76761653			0.22	3.64	Excellent
6630	08/17/21 02:30:00	5.93	28.36					6.145419681	78.80655989			0.22	3.63	Excellent
6631	08/17/21 03:00:00	6.20	28.36					6.424552736	82.38605763			0.22	3.62	Excellent
6632	08/17/21 03:30:00	5.51	28.34					5.708962079	73.18381347			0.20	3.61	Excellent
6633	08/17/21 04:00:00	6.25	28.32					6.475002232	82.97453288			0.23	3.60	Excellent
6634	08/17/21 04:30:00	6.26	28.34					6.484680441	83.12783255			0.22	3.59	Excellent
6635	08/17/21 05:00:00	6.38	28.34					6.608292549	84.71242978			0.23	3.58	Excellent
6636	08/17/21 05:30:00	5.85	28.32					6.058690666	77.63966866			0.21	3.57	Excellent
6637	08/17/21 06:00:00	5.69	28.32					5.892363172	75.50824914			0.20	3.56	Excellent
6638	08/17/21 06:30:00	6.12	28.30					6.336989447	81.17734716			0.22	3.55	Excellent
6639	08/17/21 07:00:00	5.93	28.30					6.139606993	78.64886195			0.21	3.53	Excellent
6640	08/17/21 07:30:00	5.72	28.30					5.921561166	75.85567728			0.20	3.52	Excellent
6641	08/17/21 08:00:00	5.86	28.30					6.065856251	77.70410898			0.21	3.51	Excellent
6642	08/17/21 08:30:00	6.30	28.30					6.520626882	83.52975754			0.22	3.50	Excellent
6643	08/17/21 09:00:00	6.27	28.30					6.488893393	83.12324898			0.22	3.49	Excellent
6644	08/17/21 09:30:00	6.22	28.30					6.436470393	82.45170611			0.22	3.48	Excellent
6645	08/17/21 10:00:00	6.19	28.30					6.404752151	82.04539287			0.21	3.47	Excellent
6646	08/17/21 10:30:00	6.06	28.32					6.269581996	80.3421557			0.21	3.46	Excellent
6647	08/17/21 11:00:00	6.11	28.32					6.320645762	80.99651719			0.21	3.45	Excellent
6648	08/17/21 11:30:00	6.18	28.32					6.39238597	81.91583892			0.21	3.44	Excellent
6649	08/17/21 12:00:00	6.13	28.34					6.34	81.27315806			0.21	3.43	Excellent
6650	08/17/21 12:30:00	Monitor out of service at 1201 hour for lab calibration; On-site Lab calibration completed at 1238 hour; Monitor launched to start recording at 1300 hour. Monitor deployed back in river at 1247 hour.												
6651	08/17/21 13:00:00	6.28	28.42					6.33	81.71171411			0.05	0.80	Excellent
6652	08/17/21 13:30:00	6.26	28.38					6.309716976	81.39253412			0.05	0.79	Excellent
6653	08/17/21 14:00:00	6.31	28.38					6.3599893	82.04102467			0.05	0.79	Excellent
6654	08/17/21 14:30:00	6.39	28.40					6.440496719	83.10880421			0.05	0.79	Excellent
6655	08/17/21 15:00:00	6.47	28.40					6.521000975	84.14763906			0.05	0.79	Excellent
6656	08/17/21 15:30:00	6.55	28.42					6.601502067	85.21643753			0.05	0.79	Excellent
6657	08/17/21 16:00:00	6.59	28.40					6.64168627	85.70497399			0.05	0.78	Excellent
6658	08/17/21 16:30:00	6.63	28.40					6.681868891	86.22349449			0.05	0.78	Excellent
6659	08/17/21 17:00:00	6.65	28.38					6.701893858	86.45144093			0.05	0.78	Excellent
6660	08/17/21 17:30:00	6.68	28.34					6.731995872	86.77856363			0.05	0.78	Excellent
6661	08/17/21 18:00:00	6.68	28.32					6.731863778	86.74627612			0.05	0.78	Excellent
6662	08/17/21 18:30:00	6.75	28.32					6.802273783	87.653574			0.05	0.77	Excellent
6663	08/17/21 19:00:00	6.76	28.30					6.81221755	87.75076186			0.05	0.77	Excellent
6664	08/17/21 19:30:00	6.76	28.30					6.812083875	87.74903994			0.05	0.77	Excellent
6665	08/17/21 20:00:00	6.77	28.30					6.822027049	87.87712174			0.05	0.77	Excellent
6666	08/17/21 20:30:00	6.77	28.28					6.821893175	87.84440963			0.05	0.77	Excellent
6667	08/17/21 21:00:00	6.77	28.26					6.821759302	87.81170182			0.05	0.76	Excellent
6668	08/17/21 21:30:00	6.77	28.26					6.821625429	87.80997856			0.05	0.76	Excellent
6669	08/17/21 22:00:00	6.74	28.24					6.79126338	87.38830692			0.05	0.76	Excellent
6670	08/17/21 22:30:00	6.75	28.26					6.801205961	87.54713314			0.05	0.76	Excellent
6671	08/17/21 23:00:00	6.73	28.26					6.780921158	87.28602115			0.05	0.76	Excellent
6672	08/17/21 23:30:00	6.70	28.24				6.815	6.75056168	86.86456744		7.137	0.05	0.75	Excellent
6673	08/18/21 00:00:00	6.70	28.24	6.19	6.69	6.40479		6.745457801	86.79889199	6.458		0.05	0.68	Excellent
6674	08/18/21 00:30:00	6.69	28.24					6.740353923	86.73321654			0.05	0.75	Excellent
6675	08/18/21 01:00:00	6.64	28.24					6.689846283	86.08329666			0.05	0.75	Excellent
6676	08/18/21 01:30:00	6.43	28.22					6.47814267	83.32972918			0.05	0.75	Excellent
6677	08/18/21 02:00:00	6.47	28.22					6.518314217	83.84646435			0.05	0.75	Excellent
6678	08/18/21 02:30:00	6.46	28.20					6.508111799	83.68567787			0.05	0.74	Excellent
6679	08/18/21 03:00:00	6.50	28.18					6.548281171	84.17247259			0.05	0.74	Excellent
6680	08/18/21 03:30:00	6.36	28.18					6.407115503	82.35791042			0.05	0.74	Excellent
6681	08/18/21 04:00:00	6.45	28.20					6.497654687	83.55121328			0.05	0.74	Excellent
6682	08/18/21 04:30:00	6.44	28.20					6.487453456	83.42003899			0.05	0.74	Excellent
6683	08/18/21 05:00:00	6.40	28.20					6.447032157	82.90027476			0.05	0.73	Excellent
6684	08/18/21 05:30:00	6.40	28.18					6.446905601	82.8693776			0.05	0.73	Excellent
6685	08/18/21 06:00:00	6.42	28.18					6.466925228	83.12671254			0.05	0.73	Excellent
6686	08/18/21 06:30:00	6.38	28.18					6.426506698	82.60716741			0.05	0.73	Excellent
6687	08/18/21 07:00:00	6.35	28.18					6.396162447	82.21711838			0.05	0.73	Excellent
6688	08/18/21 07:30:00	6.35	28.16					6.396036879	82.18646832			0.05	0.72	Excellent
6689	08/18/21 08:00:00	6.38	28.16					6.426128215	82.57312973			0.05	0.72	Excellent
6690	08/18/21 08:30:00	6.24	28.16					6.284992604	80.75959463			0.04	0.72	Excellent
6691	08/18/21 09:00:00	6.19	28.16					6.234509682	80.11090965			0.04	0.72	Excellent
6692	08/18/21 09:30:00	6.43	28.18					6.476108271	83.24475259			0.05	0.72	Excellent
6693	08/18/21 10:00:00	6.50	28.16					6.546481693	84.1196229			0.05	0.72	Excellent
6694	08/18/21 10:30:00	6.50	28.16					6.546353159	84.11797129			0.05	0.71	Excellent
6695	08/18/21 11:00:00	6.51	28.18					6.55629574	84.27549292			0.05	0.71	Excellent
6696	08/18/21 11:30:00	6.49	28.20					6.536025174	84.04460681			0.05	0.71	Excellent
6697	08/18/21 12:00:00	6.46	28.22					6.50568468	83.68400792			0.05	0.71	Excellent
6698	08/18/21 12:30:00	6.47	28.24					6.515627458	83.84149166			0.05	0.71	Excellent
6699	08/18/21 13:00:00	6.43	28.24					6.475218222	83.32151555			0.05	0.70	Excellent
6700	08/18/21 13:30:00	6.46	28.26					6.50530145	83.73816282			0.05	0.70	Excellent
6701	08/18/21 14:00:00	6.54	28.28					6.585733134	84.80341516			0.05	0.70	Excellent
6702	08/18/21 14:30:00	6.53	28.26					6.575534078	84.64221797			0.05	0.70	Excellent
6703	08/18/21 15:00:00	6.50	28.24					6.545196352	84.22197692			0.05	0.70	Excellent
6704	08/18/21 15:30:00	6.45	28.22					6.494721143	83.54298161			0.04	0.69	Excellent
6705	08/18/21 16:00:00	6.43	28.20					6.474455323	83.25290026			0.04	0.69	Excellent
6706	08/18/21 16:30:00	6.44	28.18					6.484397112	83.35129845			0.04	0.69	Excellent
6707	08/18/21 17:00:00	6.38	28.16					6.423857313	82.54394957			0.04	0.69	Excellent
6708	08/18/21 17:30:00	6.40	28.16					6.44386824	82.80108183			0.04	0.69	Excellent
6709	08/18/21 18:00:00	6.37	28.14					6.413536645	82.38222062			0.04	0.68	Excellent
6710	08/18/21 18:30:00	6.38	28.14					6.42347883	82.50992852			0.04	0.68	Excellent
6711	08/18/21 19:00:00	6.37	28.14					6.413284718	82.3789846			0.04	0.68	Excellent
6712	08/18/21 19:30:00	6.34	28.12					6.382955495	81.96043321			0.04	0.68	Excellent
6713	08/18/21 20:00:00	6.32	28.10					6.362695014	81.67140211			0.04	0.68	Excellent
6714	08/18/21 20:30:00	6.26	28.08					6.302165893	80.86585316			0.04	0.67	Excellent
6715	08/18/21 21:00:00	6.25	28.06					6.291974945	80.70653909			0.04	0.67	Excellent
6716	08/18/21 21:30:00	6.24	28.02					6.281784392	80.51882764			0.04	0.67	Excellent
6717	08/18/21 22:00:00	6.25	28.00					6.291727764	80.61774002			0.04	0.67	Excellent
6718	08/18/21 22:30:00	6.28	27.98					6.321803874	80.9744403			0.04	0.67	Excellent
6719	08/18/21 23:00:00	6.28	27.96					6.32167969	80.94417935			0.04	0.66	Excellent

6720	08/18/21 23:30:00	6.31	27.94				6.715	6.35175402	81.30045379		6.988	0.04	0.66	Excellent
6721	08/19/21 00:00:00	6.31	27.92	5.98	6.55	6.35125		6.351629243	81.27005616	6.388		0.04	0.66	Excellent
6722	08/19/21 00:30:00	6.31	27.92					6.351504466	81.26845962			0.04	0.66	Excellent
6723	08/19/21 01:00:00	6.30	27.90					6.341314111	81.10932153			0.04	0.66	Excellent
6724	08/19/21 01:30:00	6.23	27.90					6.27073187	80.20653111			0.04	0.65	Excellent
6725	08/19/21 02:00:00	5.98	27.88					6.018979114	76.9591711			0.04	0.65	Excellent
6726	08/19/21 02:30:00	6.00	27.90					6.038990832	77.24242019			0.04	0.65	Excellent
6727	08/19/21 03:00:00	6.09	27.90					6.129455267	78.39951616			0.04	0.65	Excellent
6728	08/19/21 03:30:00	6.04	27.88					6.079011895	77.72675526			0.04	0.65	Excellent
6729	08/19/21 04:00:00	6.21	27.86					6.249987112	79.88452733			0.04	0.64	Excellent
6730	08/19/21 04:30:00	6.26	27.86					6.300185281	80.52613777			0.04	0.64	Excellent
6731	08/19/21 05:00:00	6.29	27.86					6.330253481	80.91045599			0.04	0.64	Excellent
6732	08/19/21 05:30:00	6.27	27.84					6.310001503	80.62300365			0.04	0.64	Excellent
6733	08/19/21 06:00:00	6.25	27.82					6.289750316	80.33574776			0.04	0.64	Excellent
6734	08/19/21 06:30:00	6.25	27.80					6.289626726	80.30566641			0.04	0.63	Excellent
6735	08/19/21 07:00:00	6.24	27.78					6.27943993	80.14714799			0.04	0.63	Excellent
6736	08/19/21 07:30:00	6.24	27.76					6.279316537	80.11712251			0.04	0.63	Excellent
6737	08/19/21 08:00:00	6.26	27.74					6.299318764	80.34379031			0.04	0.63	Excellent
6738	08/19/21 08:30:00	6.28	27.72					6.319320199	80.57026955			0.04	0.63	Excellent
6739	08/19/21 09:00:00	6.31	27.68					6.349383257	80.89605182			0.04	0.62	Excellent
6740	08/19/21 09:30:00	6.34	27.66					6.379445129	81.25017298			0.04	0.62	Excellent
6741	08/19/21 10:00:00	6.37	27.64					6.409505815	81.60400954			0.04	0.62	Excellent
6742	08/19/21 10:30:00	6.36	27.60					6.39931803	81.41635479			0.04	0.62	Excellent
6743	08/19/21 11:00:00	6.37	27.58					6.409253888	81.51375113			0.04	0.62	Excellent
6744	08/19/21 11:30:00	6.45	27.58					6.489619327	82.53584957			0.04	0.61	Excellent
6745	08/19/21 12:00:00	6.51	27.58					6.549859147	83.30198768			0.04	0.61	Excellent
6746	08/19/21 12:30:00	6.55	27.60					6.589974534	83.84201288			0.04	0.61	Excellent
6747	08/19/21 13:00:00	6.52	27.60					6.559662515	83.45636333			0.04	0.61	Excellent
6748	08/19/21 13:30:00	6.49	27.58					6.529351683	83.041171			0.04	0.61	Excellent
6749	08/19/21 14:00:00	6.49	27.52					6.529223346	82.95088384			0.04	0.60	Excellent
6750	08/19/21 14:30:00	6.49	27.44					6.52909501	82.83108847			0.04	0.60	Excellent
6751	08/19/21 15:00:00	6.49	27.34					6.528966673	82.68182013			0.04	0.60	Excellent
6752	08/19/21 15:30:00	6.47	27.26					6.50871865	82.30770645			0.04	0.60	Excellent
6753	08/19/21 16:00:00	6.46	27.16					6.498531064	82.03204922			0.04	0.60	Excellent
6754	08/19/21 16:30:00	6.46	27.08					6.498403321	81.91302652			0.04	0.59	Excellent
6755	08/19/21 17:00:00	6.43	27.00					6.468097827	81.41420364			0.04	0.59	Excellent
6756	08/19/21 17:30:00	6.41	26.94					6.447852573	81.07206412			0.04	0.59	Excellent
6757	08/19/21 18:00:00	6.39	26.90					6.427608109	80.75950878			0.04	0.59	Excellent
6758	08/19/21 18:30:00	6.39	26.88					6.42748175	80.72891993			0.04	0.59	Excellent
6759	08/19/21 19:00:00	6.39	26.86					6.427355391	80.6983349			0.04	0.58	Excellent
6760	08/19/21 19:30:00	6.40	26.86					6.437287294	80.8230344			0.04	0.58	Excellent
6761	08/19/21 20:00:00	6.40	26.86					6.437160737	80.82144542			0.04	0.58	Excellent
6762	08/19/21 20:30:00	6.42	26.86					6.457149912	81.0724185			0.04	0.58	Excellent
6763	08/19/21 21:00:00	6.44	26.90					6.477138296	81.38182948			0.04	0.58	Excellent
6764	08/19/21 21:30:00	6.42	26.92					6.456896008	81.15663242			0.04	0.57	Excellent
6765	08/19/21 22:00:00	6.43	26.94					6.466826328	81.31063061			0.04	0.57	Excellent
6766	08/19/21 22:30:00	6.45	26.98					6.486813328	81.62049392			0.04	0.57	Excellent
6767	08/19/21 23:00:00	6.44	27.02					6.476628906	81.55082388			0.04	0.57	Excellent
6768	08/19/21 23:30:00	6.42	27.02				6.562	6.456388199	81.29596192		6.776	0.04	0.57	Excellent
6769	08/20/21 00:00:00	6.40	27.02	6.41	6.78	6.63250		6.436148283	81.04110993	6.664		0.04	0.56	Excellent
6770	08/20/21 00:30:00	6.41	27.04					6.446078011	81.19524462			0.04	0.56	Excellent
6771	08/20/21 01:00:00	6.43	27.04					6.466063429	81.44698233			0.04	0.56	Excellent
6772	08/20/21 01:30:00	6.44	27.06					6.475992167	81.60128718			0.04	0.56	Excellent
6773	08/20/21 02:00:00	6.48	27.08					6.516087582	82.13593841			0.04	0.56	Excellent
6774	08/20/21 02:30:00	6.49	27.10					6.526014937	82.29054685			0.04	0.55	Excellent
6775	08/20/21 03:00:00	6.50	27.10					6.535941896	82.41572199			0.04	0.55	Excellent
6776	08/20/21 03:30:00	6.52	27.10					6.555923557	82.66768308			0.04	0.55	Excellent
6777	08/20/21 04:00:00	6.55	27.10					6.585959326	83.04642262			0.04	0.55	Excellent
6778	08/20/21 04:30:00	6.56	27.08					6.595884505	83.14178664			0.04	0.55	Excellent
6779	08/20/21 05:00:00	6.58	27.06					6.615863793	83.36375144			0.04	0.55	Excellent
6780	08/20/21 05:30:00	6.57	27.02					6.605679371	83.1757698			0.04	0.54	Excellent
6781	08/20/21 06:00:00	6.57	27.00					6.605549452	83.14431269			0.04	0.54	Excellent
6782	08/20/21 06:30:00	6.57	26.98					6.605419534	83.11285953			0.04	0.54	Excellent
6783	08/20/21 07:00:00	6.58	26.94					6.615343329	83.17800888			0.04	0.54	Excellent
6784	08/20/21 07:30:00	6.58	26.92					6.615213213	83.14651908			0.04	0.54	Excellent
6785	08/20/21 08:00:00	6.58	26.90					6.615083097	83.11503321			0.04	0.53	Excellent
6786	08/20/21 08:30:00	6.60	26.88					6.635059221	83.33608486			0.04	0.53	Excellent
6787	08/20/21 09:00:00	6.61	26.84					6.644981631	83.40075307			0.03	0.53	Excellent
6788	08/20/21 09:30:00	6.60	26.80					6.634798198	83.21308746			0.03	0.53	Excellent
6789	08/20/21 10:00:00	6.60	26.76					6.634667686	83.15160881			0.03	0.53	Excellent
6790	08/20/21 10:30:00	6.61	26.70					6.644589503	83.18608164			0.03	0.52	Excellent
6791	08/20/21 11:00:00	6.60	26.66					6.634406663	82.99878687			0.03	0.52	Excellent
6792	08/20/21 11:30:00	6.62	26.62					6.654380018	83.18867954			0.03	0.52	Excellent
6793	08/20/21 12:00:00	6.65	26.62					6.684404319	83.56402358			0.03	0.52	Excellent
6794	08/20/21 12:30:00	6.67	26.62					6.704375895	83.81369508			0.03	0.52	Excellent
6795	08/20/21 13:00:00	6.70	26.62					6.73439802	84.18901193			0.03	0.51	Excellent
6796	08/20/21 13:30:00	6.72	26.64					6.754367816	84.46910098			0.03	0.51	Excellent
6797	08/20/21 14:00:00	6.74	26.64					6.774336821	84.71883033			0.03	0.51	Excellent
6798	08/20/21 14:30:00	6.75	26.66					6.784254288	84.87343396			0.03	0.51	Excellent
6799	08/20/21 15:00:00	6.76	26.70					6.79417136	85.05875241			0.03	0.51	Excellent
6800	08/20/21 15:30:00	6.77	26.74					6.804088036	85.24425595			0.03	0.50	Excellent
6801	08/20/21 16:00:00	6.76	26.74					6.793904009	85.1166665			0.03	0.50	Excellent
6802	08/20/21 16:30:00	6.76	26.76					6.793770333	85.14562596			0.03	0.50	Excellent
6803	08/20/21 17:00:00	6.76	26.78					6.793636658	85.17458701			0.03	0.50	Excellent
6804	08/20/21 17:30:00	6.77	26.80					6.803552543	85.32959043			0.03	0.50	Excellent
6805	08/20/21 18:00:00	6.77	26.82					6.80341867	85.35859756			0.03	0.49	Excellent
6806	08/20/21 18:30:00	6.78	26.82					6.813333962	85.48299905			0.03	0.49	Excellent
6807	08/20/21 19:00:00	6.78	26.82					6.813199891	85.48131694			0.03	0.49	Excellent
6808	08/20/21 19:30:00	6.77	26.84					6.80301705	85.38424583			0.03	0.49	Excellent
6809	08/20/21 20:00:00	6.75	26.86					6.782786033	85.16092631			0.03	0.49	Excellent
6810	08/20/21 20:30:00	6.72	26.86					6.752507433	84.78076488			0.03	0.48	Excellent
6811	08/20/21 21:00:00	6.70	26.84					6.732278196	84.49640685			0.03	0.48	Excellent
6812	08/20/21 21:30:00	6.67	26.84					6.702001771	84.11640931			0.03	0.48	Excellent
6813	08/20/21 22:00:00	6.64	26.86					6.671726532	83.76652437			0.03	0.48	Excellent
6814	08/20/21 22:30:00	6.62	26.86					6.651500063	83.51257197			0.03	0.48	Excellent
6815	08/20/21 23:00:00	6.59	26.84					6.621227	83.10261016			0.03	0.47	Excellent
6816	08/20/21 23:30:00	6.56	26.82				6.482	6.590955123	82.69293912		6.645	0.03	0.47	Excellent
6817	08/21/21 00:00:00	6.55	26.78	6.05	6.57	6.39813		6.580778412	82.50589658	6.425		0.03	0.47	Excellent
6818	08/21/21 00:30:00	6.53	26.72					6.560555305	82.16360349			0.03	0.47	Excellent
6819	08/21/21 01:00:00	6.50	26.68					6.530286394	81.7256406			0.03	0.47	Excellent
6820	08/21/21 01:30:00	6.46	26.62					6.489972273	81.13336211			0.03	0.46	Excellent
6821	08/21/21 02:00:00	6.42	26.60					6.449659734	80.60033735			0.03	0.46	Excellent
6822	08/21/21 02:30:00	6.38	26.56					6.409348777	80.03882128			0.03	0.46	Excellent
6823	08/21/21 03:00:00	6.33	26.54					6.358993599	79.38134712			0.03	0.46	Excellent
6824	08/21/21 03:30:00	6.28	26.52					6.308640398	78.72435392			0.03	0.46	Excellent
6825	08/21/21 04:00:00	6.23	26.52					6.258289174	78.09603034			0.03	0.45	Excellent
6826	08/21/21 04:30:00	6.16	26.50					6.187849507	77.18915533			0.03	0.45	Excellent
6827	08/21/21 05:00:00	6.16	26.48					6.187727697	77.15976744			0.03	0.45	Excellent
6828	08/21/21 05:30:00	6.08	26.46					6.107247368	76.12868988			0.03	0.45	Excellent
6829	08/21/21 06:00:00	6.05	26.44					6.076993288	75.7241989			0.03	0.45	Excellent
6830	08/21/21 06:30:00	6.08	26.40					6.10700691	76.04320039			0.03	0.44	Excellent
6831	08/21/21 07:00:00	6.08	26.38					6.106886681	76.01421147			0.03	0.44	Excellent
6832	08/21/21 07:30:00	6.12	26.36					6.146942548	76.48512891			0.03	0.44	Excellent
6833	08/21/21 08:00:00	6.15	26.36					6.176953006	76.85854281			0.03	0.44	Excellent
6834	08/21/21 08:30:00	6.20	26.34					6.227049534	77.45385575			0.03	0.44	Excellent
6835	08/21/21 09:00:00	6.25	26.32					6.277144085	78.04869569			0.03	0.43	Excellent

6836	08/21/21 09:30:00	6.27	26.30					6.29710696	78.26857193			0.03	0.43	Excellent
6837	08/21/21 10:00:00	6.30	26.28					6.327112079	78.61304383			0.03	0.43	Excellent
6838	08/21/21 10:30:00	6.36	26.26					6.387244524	79.33143843			0.03	0.43	Excellent
6839	08/21/21 11:00:00	6.34	26.26					6.367033479	79.08041136			0.03	0.43	Excellent
6840	08/21/21 11:30:00	6.33	26.24					6.356865667	78.92552499			0.03	0.42	Excellent
6841	08/21/21 12:00:00	6.32	26.24					6.346698251	78.79928845			0.03	0.42	Excellent
6842	08/21/21 12:30:00	6.42	26.26					6.446993739	80.07354109			0.03	0.42	Excellent
6843	08/21/21 13:00:00	6.44	26.28					6.466950484	80.35050675			0.03	0.42	Excellent
6844	08/21/21 13:30:00	6.47	26.32					6.496948089	80.78169267			0.03	0.42	Excellent
6845	08/21/21 14:00:00	6.49	26.34					6.516903054	81.05913826			0.03	0.41	Excellent
6846	08/21/21 14:30:00	6.51	26.38					6.536857229	81.36618111			0.03	0.41	Excellent
6847	08/21/21 15:00:00	6.52	26.40					6.546769554	81.51903485			0.03	0.41	Excellent
6848	08/21/21 15:30:00	6.53	26.40					6.556681485	81.64245618			0.03	0.41	Excellent
6849	08/21/21 16:00:00	6.55	26.42					6.576633681	81.92050608			0.03	0.41	Excellent
6850	08/21/21 16:30:00	6.57	26.42					6.596585087	82.16902673			0.03	0.40	Excellent
6851	08/21/21 17:00:00	6.57	26.42					6.596455169	82.16740843			0.03	0.40	Excellent
6852	08/21/21 17:30:00	6.56	26.46					6.586285182	82.10004145			0.03	0.40	Excellent
6853	08/21/21 18:00:00	6.55	26.48					6.57611559	82.00288934			0.03	0.40	Excellent
6854	08/21/21 18:30:00	6.55	26.48					6.575986067	82.00127421			0.03	0.40	Excellent
6855	08/21/21 19:00:00	6.55	26.48					6.575856544	81.99965909			0.03	0.39	Excellent
6856	08/21/21 19:30:00	6.55	26.48					6.575727021	81.99804396			0.03	0.39	Excellent
6857	08/21/21 20:00:00	6.55	26.46					6.575597499	81.96681624			0.03	0.39	Excellent
6858	08/21/21 20:30:00	6.54	26.44					6.565429093	81.81049986			0.03	0.39	Excellent
6859	08/21/21 21:00:00	6.55	26.42					6.575338453	81.90437233			0.03	0.39	Excellent
6860	08/21/21 21:30:00	6.53	26.38					6.555131956	81.59365201			0.03	0.38	Excellent
6861	08/21/21 22:00:00	6.52	26.36					6.54496454	81.43763386			0.02	0.38	Excellent
6862	08/21/21 22:30:00	6.54	26.34					6.564911793	81.65628493			0.02	0.38	Excellent
6863	08/21/21 23:00:00	6.55	26.36					6.574820362	81.80912365			0.02	0.38	Excellent
6864	08/21/21 23:30:00	6.55	26.36				6.453	6.574690839	81.80751202		6.572	0.02	0.38	Excellent
6865	08/22/21 00:00:00	6.57	26.36	6.59	7.01	6.82292		6.594636312	82.05568941	6.836		0.02	0.37	Excellent
6866	08/22/21 00:30:00	6.59	26.36					6.614580995	82.30385695			0.02	0.37	Excellent
6867	08/22/21 01:00:00	6.61	26.38					6.634524886	82.58187912			0.02	0.37	Excellent
6868	08/22/21 01:30:00	6.63	26.38					6.654467987	82.83011675			0.02	0.37	Excellent
6869	08/22/21 02:00:00	6.64	26.36					6.664373589	82.92341586			0.02	0.37	Excellent
6870	08/22/21 02:30:00	6.67	26.34					6.694351815	83.26629763			0.02	0.37	Excellent
6871	08/22/21 03:00:00	6.70	26.32					6.724328855	83.60889751			0.02	0.36	Excellent
6872	08/22/21 03:30:00	6.70	26.30					6.724196366	83.57699023			0.02	0.36	Excellent
6873	08/22/21 04:00:00	6.72	26.28					6.744135709	83.79447518			0.02	0.36	Excellent
6874	08/22/21 04:30:00	6.74	26.26					6.764074262	84.01177359			0.02	0.36	Excellent
6875	08/22/21 05:00:00	6.76	26.28					6.784012023	84.28993004			0.02	0.36	Excellent
6876	08/22/21 05:30:00	6.77	26.30					6.793913671	84.44352687			0.02	0.35	Excellent
6877	08/22/21 06:00:00	6.79	26.36					6.813850048	84.78332037			0.02	0.35	Excellent
6878	08/22/21 06:30:00	6.81	26.42					6.833785634	85.12366732			0.02	0.35	Excellent
6879	08/22/21 07:00:00	6.82	26.48					6.8436857	85.33943685			0.02	0.35	Excellent
6880	08/22/21 07:30:00	6.83	26.54					6.85358537	85.55549409			0.02	0.35	Excellent
6881	08/22/21 08:00:00	6.84	26.60					6.863484644	85.77183921			0.02	0.34	Excellent
6882	08/22/21 08:30:00	6.82	26.62					6.843281114	85.55019671			0.02	0.34	Excellent
6883	08/22/21 09:00:00	6.82	26.66					6.843146252	85.61019337			0.02	0.34	Excellent
6884	08/22/21 09:30:00	6.83	26.66					6.853045131	85.73403187			0.02	0.34	Excellent
6885	08/22/21 10:00:00	6.84	26.66					6.862943615	85.85786542			0.02	0.34	Excellent
6886	08/22/21 10:30:00	6.83	26.66					6.852775012	85.73065258			0.02	0.33	Excellent
6887	08/22/21 11:00:00	6.84	26.66					6.8626731	85.85448118			0.02	0.33	Excellent
6888	08/22/21 11:30:00	6.84	26.64					6.862537842	85.82185895			0.02	0.33	Excellent
6889	08/22/21 12:00:00	6.83	26.62					6.852369833	85.66381789			0.02	0.33	Excellent
6890	08/22/21 12:30:00	6.82	26.60					6.842202218	85.50587623			0.02	0.33	Excellent
6891	08/22/21 13:00:00	6.80	26.58					6.822002643	85.22270645			0.02	0.32	Excellent
6892	08/22/21 13:30:00	6.81	26.54					6.831900335	85.28479288			0.02	0.32	Excellent
6893	08/22/21 14:00:00	6.82	26.50					6.841797632	85.34670721			0.02	0.32	Excellent
6894	08/22/21 14:30:00	6.83	26.48					6.851694534	85.43930546			0.02	0.32	Excellent
6895	08/22/21 15:00:00	6.82	26.44					6.841527909	85.25091201			0.02	0.32	Excellent
6896	08/22/21 15:30:00	6.85	26.38					6.871487151	85.531418			0.02	0.31	Excellent
6897	08/22/21 16:00:00	6.85	26.34					6.871351696	85.46787369			0.02	0.31	Excellent
6898	08/22/21 16:30:00	6.87	26.28					6.891278186	85.62268966			0.02	0.31	Excellent
6899	08/22/21 17:00:00	6.86	26.24					6.88111156	85.43445321			0.02	0.31	Excellent
6900	08/22/21 17:30:00	6.88	26.22					6.901037061	85.65079949			0.02	0.31	Excellent
6901	08/22/21 18:00:00	6.88	26.18					6.900901013	85.58703131			0.02	0.30	Excellent
6902	08/22/21 18:30:00	6.88	26.16					6.900764965	85.55430896			0.02	0.30	Excellent
6903	08/22/21 19:00:00	6.87	26.12					6.890598932	85.36630217			0.02	0.30	Excellent
6904	08/22/21 19:30:00	6.88	26.06					6.900492868	85.395808			0.02	0.30	Excellent
6905	08/22/21 20:00:00	6.87	26.02					6.890327231	85.2080647			0.02	0.30	Excellent
6906	08/22/21 20:30:00	6.89	25.94					6.910250162	85.33023254			0.02	0.29	Excellent
6907	08/22/21 21:00:00	6.91	25.86					6.930172301	85.45171855			0.02	0.29	Excellent
6908	08/22/21 21:30:00	6.93	25.76					6.95009365	85.54132148			0.02	0.29	Excellent
6909	08/22/21 22:00:00	6.95	25.66					6.970014208	85.63008894			0.02	0.29	Excellent
6910	08/22/21 22:30:00	6.97	25.58					6.989933974	85.74937419			0.02	0.29	Excellent
6911	08/22/21 23:00:00	6.98	25.48					6.999824548	85.71374836			0.02	0.28	Excellent
6912	08/22/21 23:30:00	7.00	25.42				6.489	7.019742931	85.86324102		6.569	0.02	0.28	Excellent
6913	08/23/21 00:00:00	7.01	25.34	7.02	7.25	7.19854		7.029632516	85.85818751	7.211		0.02	0.28	Excellent
6914	08/23/21 00:30:00	7.02	25.30					7.039521705	85.91588949			0.02	0.28	Excellent
6915	08/23/21 01:00:00	7.05	25.26					7.069465721	86.21801042			0.02	0.28	Excellent
6916	08/23/21 01:30:00	7.06	25.20					7.079353724	86.24348117			0.02	0.27	Excellent
6917	08/23/21 02:00:00	7.07	25.16					7.089241332	86.30044657			0.02	0.27	Excellent
6918	08/23/21 02:30:00	7.10	25.12					7.11918258	86.60118798			0.02	0.27	Excellent
6919	08/23/21 03:00:00	7.12	25.06					7.139095821	86.74755561			0.02	0.27	Excellent
6920	08/23/21 03:30:00	7.15	25.02					7.169034893	87.04718155			0.02	0.27	Excellent
6921	08/23/21 04:00:00	7.16	24.98					7.17891993	87.10296383			0.02	0.26	Excellent
6922	08/23/21 04:30:00	7.17	24.96					7.188804572	87.19073418			0.02	0.26	Excellent
6923	08/23/21 05:00:00	7.19	24.92					7.208714847	87.3677266			0.02	0.26	Excellent
6924	08/23/21 05:30:00	7.20	24.88					7.218598499	87.42294344			0.02	0.26	Excellent
6925	08/23/21 06:00:00	7.20	24.86					7.218456123	87.3889387			0.02	0.26	Excellent
6926	08/23/21 06:30:00	7.22	24.82					7.238364618	87.56522661			0.02	0.25	Excellent
6927	08/23/21 07:00:00	7.22	24.80					7.238221847	87.53113886			0.02	0.25	Excellent
6928	08/23/21 07:30:00	7.23	24.80					7.248104115	87.65064421			0.02	0.25	Excellent
6929	08/23/21 08:00:00	7.23	24.80					7.247961146	87.64891529			0.02	0.25	Excellent
6930	08/23/21 08:30:00	7.23	24.80					7.247818176	87.64718637			0.02	0.25	Excellent
6931	08/23/21 09:00:00	7.23	24.80					7.247675207	87.64545746			0.02	0.24	Excellent
6932	08/23/21 09:30:00	7.24	24.82					7.257556486	87.79739788			0.02	0.24	Excellent
6933	08/23/21 10:00:00	7.24	24.82					7.257413319	87.79566593			0.02	0.24	Excellent
6934	08/23/21 10:30:00	7.23	24.84					7.247246298	87.70507533			0.02	0.24	Excellent
6935	08/23/21 11:00:00	7.22	24.86					7.237079673	87.61440135			0.02	0.24	Excellent
6936	08/23/21 11:30:00	7.23	24.88					7.246960359	87.76642802			0.02	0.23	Excellent
6937	08/23/21 12:00:00	7.23	24.90					7.24681739	87.79710659			0.02	0.23	Excellent
6938	08/23/21 12:30:00	7.22	24.92					7.236651357	87.70630975			0.02	0.23	Excellent
6939	08/23/21 13:00:00	7.23	24.94					7.246531451	87.85846817			0.02	0.23	Excellent
6940	08/23/21 13:30:00	7.22	24.98					7.236365814	87.79996376			0.02	0.23	Excellent
6941	08/23/21 14:00:00	7.23	25.04					7.246245512	88.01710792			0.02	0.22	Excellent
6942	08/23/21 14:30:00	7.22	25.10					7.23608027	87.9907957			0.02	0.22	Excellent
6943	08/23/21 15:00:00	7.22	25.12					7.235937499	88.02145142			0.02	0.22	Excellent
6944	08/23/21 15:30:00	7.20	25.16					7.215750974	87.84050397			0.02	0.22	Excellent
6945	08/23/21 16:00:00	7.19	25.18					7.205586919	87.74903674			0.02	0.22	Excellent
6946	08/23/21 16:30:00	7.22	25.22					7.235509183	88.17823243			0.02	0.21	Excellent
6947	08/23/21 17:00:00	7.21	25.24					7.225345129	88.08672547			0.02	0.21	Excellent
6948	08/23/21 17:30:00	7.19	25.24					7.205160384	87.84064614			0.02	0.21	Excellent
6949	08/23/21 18:00:00	7.19	25.26					7.205018205	87.87118563			0.02	0.21	Excellent
6950	08/23/21 18:30:00	7.19	25.28					7.204876027	87.90172662			0.01	0.21	Excellent
6951	08/23/21 19:00:00	7.20	25.30					7.21475434	88.05456713			0.01	0.20	Excellent

6952	08/23/21 19:30:00	7.22	25.32					7.234652553	88.32983461			0.01	0.20	Excellent
6953	08/23/21 20:00:00	7.22	25.32					7.234509781	88.32809148			0.01	0.20	Excellent
6954	08/23/21 20:30:00	7.23	25.30					7.244386908	88.41622642			0.01	0.20	Excellent
6955	08/23/21 21:00:00	7.23	25.30					7.244243939	88.41448151			0.01	0.20	Excellent
6956	08/23/21 21:30:00	7.24	25.28					7.254120473	88.50252416			0.01	0.20	Excellent
6957	08/23/21 22:00:00	7.24	25.28					7.253977306	88.50077748			0.01	0.19	Excellent
6958	08/23/21 22:30:00	7.25	25.28					7.263853246	88.62126703			0.01	0.19	Excellent
6959	08/23/21 23:00:00	7.25	25.26					7.263709881	88.5869794			0.01	0.19	Excellent
6960	08/23/21 23:30:00	7.24	25.26				6.592	7.253547804	88.46304442		6.638	0.01	0.19	Excellent
6961	08/24/21 00:00:00	7.24	25.24	7.06	7.24	7.12833		7.253404637	88.42880881	7.105		0.01	0.19	Excellent
6962	08/24/21 00:30:00	7.24	25.22					7.253261469	88.39457729			0.01	0.18	Excellent
6963	08/24/21 01:00:00	7.24	25.20					7.253118302	88.36034984			0.01	0.18	Excellent
6964	08/24/21 01:30:00	7.22	25.16					7.232939292	88.04974491			0.01	0.18	Excellent
6965	08/24/21 02:00:00	7.21	25.14					7.222778797	87.89371827			0.01	0.18	Excellent
6966	08/24/21 02:30:00	7.21	25.12					7.222636223	87.85964825			0.01	0.18	Excellent
6967	08/24/21 03:00:00	7.21	25.08					7.222493649	87.79325341			0.01	0.17	Excellent
6968	08/24/21 03:30:00	7.21	25.06					7.222351075	87.75919489			0.01	0.17	Excellent
6969	08/24/21 04:00:00	7.19	25.02					7.202174635	87.44956781			0.01	0.17	Excellent
6970	08/24/21 04:30:00	7.17	25.00					7.181998987	87.17245635			0.01	0.17	Excellent
6971	08/24/21 05:00:00	7.17	24.98					7.181857204	87.13860223			0.01	0.17	Excellent
6972	08/24/21 05:30:00	7.15	24.96					7.161682742	86.86178209			0.01	0.16	Excellent
6973	08/24/21 06:00:00	7.14	24.92					7.151525212	86.67460328			0.01	0.16	Excellent
6974	08/24/21 06:30:00	7.14	24.90					7.151384023	86.64090614			0.01	0.16	Excellent
6975	08/24/21 07:00:00	7.14	24.86					7.151242833	86.57523311			0.01	0.16	Excellent
6976	08/24/21 07:30:00	7.12	24.82					7.131070546	86.26724975			0.01	0.16	Excellent
6977	08/24/21 08:00:00	7.12	24.80					7.130929752	86.2336656			0.01	0.15	Excellent
6978	08/24/21 08:30:00	7.09	24.78					7.100743498	85.83688281			0.01	0.15	Excellent
6979	08/24/21 09:00:00	7.10	24.76					7.110618252	85.92446844			0.01	0.15	Excellent
6980	08/24/21 09:30:00	7.11	24.74					7.120492611	86.01196371			0.01	0.15	Excellent
6981	08/24/21 10:00:00	7.11	24.72					7.120352015	85.97844255			0.01	0.15	Excellent
6982	08/24/21 10:30:00	7.10	24.72					7.110197056	85.85582115			0.01	0.14	Excellent
6983	08/24/21 11:00:00	7.06	24.70					7.07	85.33884551			0.01	0.14	Excellent
6984	08/24/21 11:30:00	7.12	24.72					7.06	85.73965644			-0.06	-0.84	Excellent
6985	08/24/21 12:00:00	7.12	24.70					7.060320386	85.71179533			-0.06	-0.84	Excellent
6986	08/24/21 12:30:00	7.12	24.72					7.060640772	85.74743825			-0.06	-0.83	Excellent
6987	08/24/21 13:00:00	7.12	24.74					7.060961158	85.78308677			-0.06	-0.83	Excellent
6988	08/24/21 13:30:00	7.11	24.76					7.051364014	85.69820896			-0.06	-0.82	Excellent
6989	08/24/21 14:00:00	7.10	24.80					7.041765969	85.64491602			-0.06	-0.82	Excellent
6990	08/24/21 14:30:00	7.10	24.82					7.042085455	85.68048534			-0.06	-0.82	Excellent
6991	08/24/21 15:00:00	7.09	24.86					7.032486061	85.62697928			-0.06	-0.81	Excellent
6992	08/24/21 15:30:00	7.08	24.90					7.022885767	85.57330035			-0.06	-0.81	Excellent
6993	08/24/21 16:00:00	7.08	24.92					7.023204353	85.60879455			-0.06	-0.80	Excellent
6994	08/24/21 16:30:00	7.08	24.96					7.023522939	85.6759135			-0.06	-0.80	Excellent
6995	08/24/21 17:00:00	7.08	25.02					7.023841525	85.77467791			-0.06	-0.79	Excellent
6996	08/24/21 17:30:00	7.07	25.12					7.014238981	85.8153811			-0.06	-0.79	Excellent
6997	08/24/21 18:00:00	7.07	25.20					7.014557117	85.94570351			-0.06	-0.78	Excellent
6998	08/24/21 18:30:00	7.08	25.28					7.024797283	86.19782982			-0.06	-0.78	Excellent
6999	08/24/21 19:00:00	7.07	25.32					7.015193389	86.14324461			-0.05	-0.78	Excellent
7000	08/24/21 19:30:00	7.09	25.32					7.035357385	86.39084891			-0.05	-0.77	Excellent
7001	08/24/21 20:00:00	7.08	25.34					7.025753041	86.30459361			-0.05	-0.77	Excellent
7002	08/24/21 20:30:00	7.09	25.34					7.035995457	86.43041181			-0.05	-0.76	Excellent
7003	08/24/21 21:00:00	7.09	25.34					7.036314493	86.43433086			-0.05	-0.76	Excellent
7004	08/24/21 21:30:00	7.12	25.36					7.066407719	86.83586469			-0.05	-0.75	Excellent
7005	08/24/21 22:00:00	7.12	25.36					7.066728105	86.83980177			-0.05	-0.75	Excellent
7006	08/24/21 22:30:00	7.12	25.36					7.067048491	86.84373885			-0.05	-0.74	Excellent
7007	08/24/21 23:00:00	7.13	25.34					7.077294957	86.93773629			-0.05	-0.74	Excellent
7008	08/24/21 23:30:00	7.14	25.32				6.704	7.087542323	87.03165517		6.727	-0.05	-0.73	Excellent
7009	08/25/21 00:00:00	7.14	25.30	7.10	7.15	7.12354		7.087863609	87.00364163	7.079		-0.05	-0.73	Excellent
7010	08/25/21 00:30:00	7.12	25.30					7.068330035	86.7638667			-0.05	-0.73	Excellent
7011	08/25/21 01:00:00	7.13	25.30					7.078578301	86.88966432			-0.05	-0.72	Excellent
7012	08/25/21 01:30:00	7.12	25.28					7.068970807	86.73986138			-0.05	-0.72	Excellent
7013	08/25/21 02:00:00	7.11	25.30					7.059362413	86.65378899			-0.05	-0.71	Excellent
7014	08/25/21 02:30:00	7.11	25.30					7.059682349	86.65771621			-0.05	-0.71	Excellent
7015	08/25/21 03:00:00	7.10	25.28					7.050072605	86.50797085			-0.05	-0.70	Excellent
7016	08/25/21 03:30:00	7.10	25.30					7.050392091	86.54367814			-0.05	-0.70	Excellent
7017	08/25/21 04:00:00	7.10	25.28					7.050711577	86.51581136			-0.05	-0.69	Excellent
7018	08/25/21 04:30:00	7.10	25.26					7.051031063	86.48794448			-0.05	-0.69	Excellent
7019	08/25/21 05:00:00	7.11	25.26					7.061282029	86.61368282			-0.05	-0.69	Excellent
7020	08/25/21 05:30:00	7.11	25.24					7.061601965	86.58577515			-0.05	-0.68	Excellent
7021	08/25/21 06:00:00	7.12	25.20					7.071854281	86.64773572			-0.05	-0.68	Excellent
7022	08/25/21 06:30:00	7.12	25.18					7.072174666	86.61978991			-0.05	-0.67	Excellent
7023	08/25/21 07:00:00	7.12	25.16					7.072495052	86.59184398			-0.05	-0.67	Excellent
7024	08/25/21 07:30:00	7.13	25.16					7.082749168	86.71738989			-0.05	-0.66	Excellent
7025	08/25/21 08:00:00	7.14	25.16					7.093004183	86.84294681			-0.05	-0.66	Excellent
7026	08/25/21 08:30:00	7.14	25.16					7.093325469	86.84688046			-0.05	-0.65	Excellent
7027	08/25/21 09:00:00	7.13	25.18					7.083711676	86.76109486			-0.05	-0.65	Excellent
7028	08/25/21 09:30:00	7.14	25.20					7.093968041	86.91868407			-0.05	-0.64	Excellent
7029	08/25/21 10:00:00	7.15	25.22					7.104225307	87.07637955			-0.05	-0.64	Excellent
7030	08/25/21 10:30:00	7.13	25.24					7.084674184	86.86867497			-0.05	-0.64	Excellent
7031	08/25/21 11:00:00	7.14	25.30					7.094931899	87.09040501			-0.05	-0.63	Excellent
7032	08/25/21 11:30:00	7.14	25.34					7.095253185	87.15833578			-0.04	-0.63	Excellent
7033	08/25/21 12:00:00	7.14	25.40					7.095574471	87.25828831			-0.04	-0.62	Excellent
7034	08/25/21 12:30:00	7.14	25.44					7.095895757	87.32626019			-0.04	-0.62	Excellent
7035	08/25/21 13:00:00	7.13	25.48					7.086278363	87.27184821			-0.04	-0.61	Excellent
7036	08/25/21 13:30:00	7.12	25.52					7.07666007	87.21726281			-0.04	-0.61	Excellent
7037	08/25/21 14:00:00	7.11	25.56					7.067040877	87.16250395			-0.04	-0.60	Excellent
7038	08/25/21 14:30:00	7.12	25.64					7.077300842	87.41685441			-0.04	-0.60	Excellent
7039	08/25/21 15:00:00	7.12	25.70					7.077621228	87.51670142			-0.04	-0.60	Excellent
7040	08/25/21 15:30:00	7.12	25.76					7.077941614	87.61658266			-0.04	-0.59	Excellent
7041	08/25/21 16:00:00	7.11	25.82					7.06832062	87.59330088			-0.04	-0.59	Excellent
7042	08/25/21 16:30:00	7.13	25.88					7.088524215	87.93978584			-0.04	-0.58	Excellent
7043	08/25/21 17:00:00	7.13	25.92					7.088845051	88.00785959			-0.04	-0.58	Excellent
7044	08/25/21 17:30:00	7.12	25.98					7.079223158	87.98443523			-0.04	-0.57	Excellent
7045	08/25/21 18:00:00	7.13	26.04					7.089486723	88.20819279			-0.04	-0.57	Excellent
7046	08/25/21 18:30:00	7.12	26.08					7.07986393	88.1525232			-0.04	-0.56	Excellent
7047	08/25/21 19:00:00	7.11	26.14					7.070240236	88.12867553			-0.04	-0.56	Excellent
7048	08/25/21 19:30:00	7.11	26.16					7.070560172	88.1646635			-0.04	-0.55	Excellent
7049	08/25/21 20:00:00	7.12	26.18					7.080825087	88.32470882			-0.04	-0.55	Excellent
7050	08/25/21 20:30:00	7.12	26.18					7.081145473	88.32870525			-0.04	-0.55	Excellent
7051	08/25/21 21:00:00	7.11	26.20					7.07151998	88.24064909			-0.04	-0.54	Excellent
7052	08/25/21 21:30:00	7.12	26.20					7.081786245	88.36875477			-0.04	-0.54	Excellent
7053	08/25/21 22:00:00	7.13	26.20					7.09205341	88.49687168			-0.04	-0.53	Excellent
7054	08/25/21 22:30:00	7.14	26.20					7.102321475	88.62499982			-0.04	-0.53	Excellent
7055	08/25/21 23:00:00	7.14	26.18					7.102642761	88.59685785			-0.04	-0.52	Excellent
7056	08/25/21 23:30:00	7.14	26.18				6.805	7.102964047	88.6008655		6.815	-0.04	-0.52	Excellent
7057	08/26/21 00:00:00	7.13	26.16	6.99	7.13	7.07021		7.093336754	88.44867065	7.041		-0.04	-0.51	Excellent
7058	08/26/21 00:30:00	7.13	26.16					7.09365759	88.45267124			-0.04	-0.51	Excellent
7059	08/26/21 01:00:00	7.13	26.14					7.093978426	88.42456578			-0.04	-0.51	Excellent
7060	08/26/21 01:30:00	7.13	26.12					7.094299262	88.39646033			-0.04	-0.50	Excellent
7061	08/26/21 02:00:00	7.12	26.10					7.084669719	88.24441608			-0.04	-0.50	Excellent
7062	08/26/21 02:30:00	7.13	26.08					7.094940934	88.3402494			-0.04	-0.49	Excellent
7063	08/26/21 03:00:00	7.12	26.06					7.085310491	88.18828398			-0.03	-0.49	Excellent
7064	08/26/21 03:30:00	7.12	26.04					7.085630877	88.16021792			-0.03	-0.48	Excellent
7065	08/26/21 04:00:00	7.11	26.00					7.075999084	87.97636627			-0.03	-0.48	Excellent
7066	08/26/21 04:30:00	7.11	26.00					7.07631902	87.98034406			-0.03	-0.47	Excellent
7067	08/26/21 05:00:00	7.11	25.98					7.076638956	87.95231737			-0.03	-0.47	Excellent

7068	08/26/21 05:30:00	7.11	25.98					7.076958892	87.95629371			-0.03	-0.46	Excellent
7069	08/26/21 06:00:00	7.11	25.96					7.077278828	87.92826555			-0.03	-0.46	Excellent
7070	08/26/21 06:30:00	7.11	25.94					7.077598764	87.90023738			-0.03	-0.46	Excellent
7071	08/26/21 07:00:00	7.11	25.94					7.0779187	87.90421082			-0.03	-0.45	Excellent
7072	08/26/21 07:30:00	7.11	25.94					7.078238636	87.90818427			-0.03	-0.45	Excellent
7073	08/26/21 08:00:00	7.10	25.92					7.068602793	87.7565524			-0.03	-0.44	Excellent
7074	08/26/21 08:30:00	7.11	25.90					7.078878508	87.85212206			-0.03	-0.44	Excellent
7075	08/26/21 09:00:00	7.11	25.88					7.079198444	87.82409091			-0.03	-0.43	Excellent
7076	08/26/21 09:30:00	7.11	25.88					7.07951838	87.82806001			-0.03	-0.43	Excellent
7077	08/26/21 10:00:00	7.11	25.86					7.079838316	87.80002739			-0.03	-0.42	Excellent
7078	08/26/21 10:30:00	7.10	25.86					7.070200223	87.68050139			-0.03	-0.42	Excellent
7079	08/26/21 11:00:00	7.10	25.88					7.070519709	87.71642307			-0.03	-0.42	Excellent
7080	08/26/21 11:30:00	7.09	25.88					7.060880267	87.59683676			-0.03	-0.41	Excellent
7081	08/26/21 12:00:00	7.08	25.90					7.051239924	87.50911459			-0.03	-0.41	Excellent
7082	08/26/21 12:30:00	7.07	25.92					7.041598682	87.42129693			-0.03	-0.40	Excellent
7083	08/26/21 13:00:00	7.05	25.96					7.021996261	87.24143375			-0.03	-0.40	Excellent
7084	08/26/21 13:30:00	7.06	25.98					7.032274226	87.40092838			-0.03	-0.39	Excellent
7085	08/26/21 14:00:00	7.05	26.02					7.022630734	87.3445971			-0.03	-0.39	Excellent
7086	08/26/21 14:30:00	7.05	26.06					7.02294797	87.41208035			-0.03	-0.38	Excellent
7087	08/26/21 15:00:00	7.05	26.12					7.023265206	87.51136105			-0.03	-0.38	Excellent
7088	08/26/21 15:30:00	7.05	26.18					7.023582442	87.61067621			-0.03	-0.37	Excellent
7089	08/26/21 16:00:00	7.04	26.20					7.0139367	87.52210681			-0.03	-0.37	Excellent
7090	08/26/21 16:30:00	7.03	26.26					7.004290058	87.49686785			-0.03	-0.37	Excellent
7091	08/26/21 17:00:00	7.03	26.32					7.004606394	87.59598459			-0.03	-0.36	Excellent
7092	08/26/21 17:30:00	7.02	26.38					6.994958402	87.57039181			-0.03	-0.36	Excellent
7093	08/26/21 18:00:00	7.02	26.44					6.995274288	87.66943679			-0.02	-0.35	Excellent
7094	08/26/21 18:30:00	7.02	26.52					6.995590174	87.80022925			-0.02	-0.35	Excellent
7095	08/26/21 19:00:00	7.01	26.58					6.985940382	87.7741412			-0.02	-0.34	Excellent
7096	08/26/21 19:30:00	7.00	26.64					6.97628969	87.74780556			-0.02	-0.34	Excellent
7097	08/26/21 20:00:00	7.00	26.68					6.976604676	87.81506461			-0.02	-0.33	Excellent
7098	08/26/21 20:30:00	6.99	26.72					6.966952634	87.7567949			-0.02	-0.33	Excellent
7099	08/26/21 21:00:00	6.99	26.74					6.96726717	87.79237331			-0.02	-0.33	Excellent
7100	08/26/21 21:30:00	6.99	26.74					6.967581707	87.79633669			-0.02	-0.32	Excellent
7101	08/26/21 22:00:00	6.99	26.74					6.967896243	87.80030006			-0.02	-0.32	Excellent
7102	08/26/21 22:30:00	7.02	26.76					6.998117263	88.21286518			-0.02	-0.31	Excellent
7103	08/26/21 23:00:00	7.02	26.76					6.998433149	88.216847			-0.02	-0.31	Excellent
7104	08/26/21 23:30:00	7.02	26.78				6.908	6.998749035	88.25259405		6.909	-0.02	-0.30	Excellent
7105	08/27/21 00:00:00	7.01	26.78	6.70	7.01	6.85146		6.989094744	88.13085568	6.838		-0.02	-0.30	Excellent
7106	08/27/21 00:30:00	7.00	26.78					6.979439552	88.00910596			-0.02	-0.29	Excellent
7107	08/27/21 01:00:00	7.00	26.76					6.979754538	87.98139884			-0.02	-0.29	Excellent
7108	08/27/21 01:30:00	6.97	26.76					6.950154941	87.60828916			-0.02	-0.28	Excellent
7109	08/27/21 02:00:00	6.98	26.74					6.960440555	87.70635324			-0.02	-0.28	Excellent
7110	08/27/21 02:30:00	6.97	26.74					6.950782213	87.58465148			-0.02	-0.28	Excellent
7111	08/27/21 03:00:00	6.95	26.72					6.931150094	87.30582065			-0.02	-0.27	Excellent
7112	08/27/21 03:30:00	6.96	26.72					6.941436158	87.43538548			-0.02	-0.27	Excellent
7113	08/27/21 04:00:00	6.96	26.72					6.941749344	87.43933042			-0.02	-0.26	Excellent
7114	08/27/21 04:30:00	6.95	26.72					6.932088303	87.31763847			-0.02	-0.26	Excellent
7115	08/27/21 05:00:00	6.96	26.72					6.942375717	87.4472203			-0.02	-0.25	Excellent
7116	08/27/21 05:30:00	6.97	26.70					6.952664031	87.5452662			-0.02	-0.25	Excellent
7117	08/27/21 06:00:00	6.98	26.68					6.962953245	87.64323298			-0.02	-0.24	Excellent
7118	08/27/21 06:30:00	6.96	26.66					6.943315275	87.36454932			-0.02	-0.24	Excellent
7119	08/27/21 07:00:00	6.95	26.66					6.933651984	87.24296056			-0.02	-0.24	Excellent
7120	08/27/21 07:30:00	6.95	26.64					6.93396472	87.21544189			-0.02	-0.23	Excellent
7121	08/27/21 08:00:00	6.92	26.64					6.904345324	86.84288897			-0.02	-0.23	Excellent
7122	08/27/21 08:30:00	6.91	26.64					6.894678883	86.72130443			-0.02	-0.22	Excellent
7123	08/27/21 09:00:00	6.91	26.62					6.894989819	86.69394139			-0.02	-0.22	Excellent
7124	08/27/21 09:30:00	6.89	26.60					6.8753433	86.41573448			-0.01	-0.21	Excellent
7125	08/27/21 10:00:00	6.88	26.58					6.865674159	86.26306841			-0.01	-0.21	Excellent
7126	08/27/21 10:30:00	6.86	26.60					6.84602449	86.04722831			-0.01	-0.20	Excellent
7127	08/27/21 11:00:00	6.85	26.60					6.836353099	85.92566923			-0.01	-0.20	Excellent
7128	08/27/21 11:30:00	6.83	26.58					6.816700281	85.64774107			-0.01	-0.19	Excellent
7129	08/27/21 12:00:00	6.82	26.58					6.80702664	85.52619759			-0.01	-0.19	Excellent
7130	08/27/21 12:30:00	6.81	26.58					6.797352099	85.4046428			-0.01	-0.19	Excellent
7131	08/27/21 13:00:00	6.81	26.58					6.797658535	85.40849299			-0.01	-0.18	Excellent
7132	08/27/21 13:30:00	6.78	26.58					6.76801799	85.03607735			-0.01	-0.18	Excellent
7133	08/27/21 14:00:00	6.78	26.58					6.768323076	85.03991058			-0.01	-0.17	Excellent
7134	08/27/21 14:30:00	6.77	26.56					6.758644936	84.88766347			-0.01	-0.17	Excellent
7135	08/27/21 15:00:00	6.77	26.56					6.758949572	84.89148967			-0.01	-0.16	Excellent
7136	08/27/21 15:30:00	6.76	26.56					6.749270082	84.76991658			-0.01	-0.16	Excellent
7137	08/27/21 16:00:00	6.76	26.52					6.749574268	84.71253366			-0.01	-0.15	Excellent
7138	08/27/21 16:30:00	6.79	26.50					6.779833537	85.06157691			-0.01	-0.15	Excellent
7139	08/27/21 17:00:00	6.79	26.48					6.780139073	85.03467701			-0.01	-0.15	Excellent
7140	08/27/21 17:30:00	6.79	26.46					6.78044461	85.00777716			-0.01	-0.14	Excellent
7141	08/27/21 18:00:00	6.78	26.46					6.770763769	84.88640655			-0.01	-0.14	Excellent
7142	08/27/21 18:30:00	6.76	26.48					6.751095202	84.6704166			-0.01	-0.13	Excellent
7143	08/27/21 19:00:00	6.73	26.52					6.721437557	84.35939552			-0.01	-0.13	Excellent
7144	08/27/21 19:30:00	6.73	26.56					6.721740393	84.42414743			-0.01	-0.12	Excellent
7145	08/27/21 20:00:00	6.74	26.60					6.732031407	84.6144568			-0.01	-0.12	Excellent
7146	08/27/21 20:30:00	6.75	26.64					6.742323321	84.80497544			-0.01	-0.11	Excellent
7147	08/27/21 21:00:00	6.75	26.68					6.742627058	84.86997016			-0.01	-0.11	Excellent
7148	08/27/21 21:30:00	6.75	26.70					6.742930795	84.90438611			-0.01	-0.10	Excellent
7149	08/27/21 22:00:00	6.75	26.74					6.743234531	84.96940749			-0.01	-0.10	Excellent
7150	08/27/21 22:30:00	6.73	26.76					6.723557414	84.75197562			-0.01	-0.10	Excellent
7151	08/27/21 23:00:00	6.70	26.78					6.693887619	84.40836265			-0.01	-0.09	Excellent
7152	08/27/21 23:30:00	6.70	26.78				6.940	6.694189106	84.41216433		6.934	-0.01	-0.09	Excellent
7153	08/28/21 00:00:00	6.68	26.80	6.39	6.69	6.54458		6.674507039	84.19427446	6.546		-0.01	-0.08	Excellent
7154	08/28/21 00:30:00	6.65	26.82					6.644830945	83.85009565			-0.01	-0.08	Excellent
7155	08/28/21 01:00:00	6.62	26.82					6.615152151	83.47558353			0.00	-0.07	Excellent
7156	08/28/21 01:30:00	6.64	26.84					6.635436292	83.76167065			0.00	-0.07	Excellent
7157	08/28/21 02:00:00	6.63	26.84					6.625741502	83.63928958			0.00	-0.06	Excellent
7158	08/28/21 02:30:00	6.61	26.86					6.606051785	83.42073277			0.00	-0.06	Excellent
7159	08/28/21 03:00:00	6.61	26.86					6.606349222	83.42448878			0.00	-0.06	Excellent
7160	08/28/21 03:30:00	6.61	26.88					6.606646659	83.45824437			0.00	-0.05	Excellent
7161	08/28/21 04:00:00	6.60	26.88					6.596948719	83.33573547			0.00	-0.05	Excellent
7162	08/28/21 04:30:00	6.61	26.88					6.607241533	83.46575909			0.00	-0.04	Excellent
7163	08/28/21 05:00:00	6.60	26.90					6.597542693	83.37319986			0.00	-0.04	Excellent
7164	08/28/21 05:30:00	6.62	26.90					6.617833133	83.62961032			0.00	-0.03	Excellent
7165	08/28/21 06:00:00	6.65	26.92					6.648122551	84.04257149			0.00	-0.03	Excellent
7166	08/28/21 06:30:00	6.65	26.94					6.648421788	84.07655206			0.00	-0.02	Excellent
7167	08/28/21 07:00:00	6.65	26.94					6.648721024	84.08033623			0.00	-0.02	Excellent
7168	08/28/21 07:30:00	6.65	26.94					6.649020261	84.08412041			0.00	-0.01	Excellent
7169	08/28/21 08:00:00	6.66	26.94					6.659318475	84.21435256			0.00	-0.01	Excellent
7170	08/28/21 08:30:00	6.68	26.94					6.679617015	84.47104977			0.00	-0.01	Excellent
7171	08/28/21 09:00:00	6.69	26.94					6.689917479	84.60131037			0.00	0.00	Excellent
7172	08/28/21 09:30:00	6.68	26.92					6.680218189	84.44831009			0.00	0.00	Excellent
7173	08/28/21 10:00:00	6.69	26.90					6.690519552	84.54814918			0.00	0.01	Excellent
7174	08/28/21 10:30:00	6.68	26.88					6.680819362	84.39522858			0.00	0.01	Excellent
7175	08/28/21 11:00:00	6.67	26.86					6.671118273	84.24238756			0.00	0.02	Excellent
7176	08/28/21 11:30:00	6.64	26.86					6.64141203	83.86725932			0.00	0.02	Excellent
7177	08/28/21 12:00:00	6.61	26.84					6.611703087	83.46207726			0.00	0.03	Excellent
7178	08/28/21 12:30:00	6.56	26.80					6.561985392	82.77489196			0.00	0.03	Excellent
7179	08/28/21 13:00:00	6.50	26.76					6.50225972	81.96246768			0.00	0.03	Excellent
7180	08/28/21 13:30:00	6.46	26.74					6.462536501	81.43241864			0.00	0.04	Excellent
7181	08/28/21 14:00:00	6.43	26.72					6.432814059	81.02870417			0.00	0.04	Excellent
7182	08/28/21 14:30:00	6.40	26.70					6.403088917	80.62522815			0.00	0.05	Excellent
7183	08/28/21 15:00:00	6.40	26.70					6.403376904	80.62885437			0.00	0.05	Excellent

7184	08/28/21 15:30:00	6.41	26.70					6.413670618	80.75846885			0.00	0.06	Excellent
7185	08/28/21 16:00:00	6.40	26.72					6.403952879	80.66516436			0.00	0.06	Excellent
7186	08/28/21 16:30:00	6.40	26.74					6.404240866	80.69785343			0.00	0.07	Excellent
7187	08/28/21 17:00:00	6.39	26.76					6.394521777	80.60440633			0.00	0.07	Excellent
7188	08/28/21 17:30:00	6.40	26.76					6.404816841	80.73417796			0.00	0.08	Excellent
7189	08/28/21 18:00:00	6.41	26.76					6.415112805	80.86396093			0.01	0.08	Excellent
7190	08/28/21 18:30:00	6.41	26.78					6.415401242	80.89671434			0.01	0.08	Excellent
7191	08/28/21 19:00:00	6.43	26.80					6.435707432	81.18198314			0.01	0.09	Excellent
7192	08/28/21 19:30:00	6.45	26.82					6.456015422	81.46746172			0.01	0.09	Excellent
7193	08/28/21 20:00:00	6.45	26.84					6.456305659	81.50043561			0.01	0.10	Excellent
7194	08/28/21 20:30:00	6.45	26.84					6.456595896	81.50409939			0.01	0.10	Excellent
7195	08/28/21 21:00:00	6.45	26.86					6.456886134	81.53707997			0.01	0.11	Excellent
7196	08/28/21 21:30:00	6.45	26.86					6.457176371	81.54074506			0.01	0.11	Excellent
7197	08/28/21 22:00:00	6.46	26.88					6.467478184	81.70020324			0.01	0.12	Excellent
7198	08/28/21 22:30:00	6.44	26.88					6.447744819	81.45092216			0.01	0.12	Excellent
7199	08/28/21 23:00:00	6.46	26.88					6.468059559	81.70754744			0.01	0.12	Excellent
7200	08/28/21 23:30:00	6.45	26.88				6.961	6.45833732	81.58473158		6.951	0.01	0.13	Excellent
7201	08/29/21 00:00:00	6.44	26.88	6.34	6.51	6.42104		6.448614181	81.46190435	6.436		0.01	0.13	Excellent
7202	08/29/21 00:30:00	6.40	26.88					6.408848664	80.95956778			0.01	0.14	Excellent
7203	08/29/21 01:00:00	6.39	26.88					6.399122376	80.83670076			0.01	0.14	Excellent
7204	08/29/21 01:30:00	6.36	26.88					6.369365735	80.46080099			0.01	0.15	Excellent
7205	08/29/21 02:00:00	6.39	26.88					6.399697451	80.84396537			0.01	0.15	Excellent
7206	08/29/21 02:30:00	6.38	26.88					6.389969362	80.72107562			0.01	0.16	Excellent
7207	08/29/21 03:00:00	6.36	26.88					6.370224298	80.47164675			0.01	0.16	Excellent
7208	08/29/21 03:30:00	6.37	26.90					6.380527011	80.63077095			0.01	0.17	Excellent
7209	08/29/21 04:00:00	6.38	26.90					6.390830624	80.7609778			0.01	0.17	Excellent
7210	08/29/21 04:30:00	6.35	26.90					6.361065434	80.38483485			0.01	0.17	Excellent
7211	08/29/21 05:00:00	6.36	26.90					6.371369047	80.51504169			0.01	0.18	Excellent
7212	08/29/21 05:30:00	6.36	26.90					6.371655235	80.51865825			0.01	0.18	Excellent
7213	08/29/21 06:00:00	6.37	26.90					6.381960198	80.64888215			0.01	0.19	Excellent
7214	08/29/21 06:30:00	6.35	26.90					6.362208384	80.39927832			0.01	0.19	Excellent
7215	08/29/21 07:00:00	6.35	26.90					6.362494121	80.40288918			0.01	0.20	Excellent
7216	08/29/21 07:30:00	6.34	26.90					6.352759733	80.27987564			0.01	0.20	Excellent
7217	08/29/21 08:00:00	6.36	26.90					6.373086172	80.53674101			0.01	0.21	Excellent
7218	08/29/21 08:30:00	6.36	26.90					6.37337236	80.54035757			0.01	0.21	Excellent
7219	08/29/21 09:00:00	6.37	26.90					6.383680023	80.67061559			0.01	0.21	Excellent
7220	08/29/21 09:30:00	6.38	26.92					6.393988586	80.82992435			0.01	0.22	Excellent
7221	08/29/21 10:00:00	6.38	26.92					6.394275673	80.83355358			0.01	0.22	Excellent
7222	08/29/21 10:30:00	6.39	26.92					6.404585586	80.96388686			0.01	0.23	Excellent
7223	08/29/21 11:00:00	6.37	26.92					6.384826573	80.7141023			0.01	0.23	Excellent
7224	08/29/21 11:30:00	6.40	26.94					6.415184387	81.12701048			0.02	0.24	Excellent
7225	08/29/21 12:00:00	6.42	26.92					6.435520725	81.35495495			0.02	0.24	Excellent
7226	08/29/21 12:30:00	6.43	26.94					6.445834238	81.51461132			0.02	0.25	Excellent
7227	08/29/21 13:00:00	6.42	26.94					6.4360985	81.39149228			0.02	0.25	Excellent
7228	08/29/21 13:30:00	6.42	26.94					6.436387387	81.39514557			0.02	0.26	Excellent
7229	08/29/21 14:00:00	6.44	26.96					6.456728226	81.68170749			0.02	0.26	Excellent
7230	08/29/21 14:30:00	6.44	27.00					6.457018013	81.74404399			0.02	0.26	Excellent
7231	08/29/21 15:00:00	6.45	27.02					6.467334676	81.90403633			0.02	0.27	Excellent
7232	08/29/21 15:30:00	6.46	27.04					6.477652239	82.06413659			0.02	0.27	Excellent
7233	08/29/21 16:00:00	6.49	27.08					6.508026252	82.50809541			0.02	0.28	Excellent
7234	08/29/21 16:30:00	6.50	27.06					6.518346515	82.60930822			0.02	0.28	Excellent
7235	08/29/21 17:00:00	6.51	27.00					6.528667677	82.65110872			0.02	0.29	Excellent
7236	08/29/21 17:30:00	6.51	26.90					6.528960614	82.50652759			0.02	0.29	Excellent
7237	08/29/21 18:00:00	6.50	26.82					6.519223976	82.26508071			0.02	0.30	Excellent
7238	08/29/21 18:30:00	6.49	26.76					6.509486438	82.05356212			0.02	0.30	Excellent
7239	08/29/21 19:00:00	6.50	26.76					6.519808951	82.18367974			0.02	0.30	Excellent
7240	08/29/21 19:30:00	6.49	26.78					6.510070512	82.09047177			0.02	0.31	Excellent
7241	08/29/21 20:00:00	6.49	26.82					6.51036255	82.15325973			0.02	0.31	Excellent
7242	08/29/21 20:30:00	6.48	26.86					6.500622762	82.08938287			0.02	0.32	Excellent
7243	08/29/21 21:00:00	6.47	26.86					6.490882074	81.96637818			0.02	0.32	Excellent
7244	08/29/21 21:30:00	6.45	26.90					6.47110776	81.77544061			0.02	0.33	Excellent
7245	08/29/21 22:00:00	6.47	26.92					6.491464348	82.06216904			0.02	0.33	Excellent
7246	08/29/21 22:30:00	6.48	26.92					6.501789111	82.19269004			0.02	0.34	Excellent
7247	08/29/21 23:00:00	6.47	26.94					6.492046623	82.09901737			0.02	0.34	Excellent
7248	08/29/21 23:30:00	6.47	26.94				6.905	6.49233776	82.10269912		6.894	0.02	0.35	Excellent
7249	08/30/21 00:00:00	6.47	26.96	6.33	6.47	6.38104		6.492628897	82.13587375	6.410		0.02	0.35	Excellent
7250	08/30/21 00:30:00	6.44	26.96					6.462813759	81.75869335			0.02	0.35	Excellent
7251	08/30/21 01:00:00	6.44	26.98					6.463103546	81.79172086			0.02	0.36	Excellent
7252	08/30/21 01:30:00	6.41	26.96					6.433284358	81.3851277			0.02	0.36	Excellent
7253	08/30/21 02:00:00	6.42	26.98					6.443609571	81.54502115			0.02	0.37	Excellent
7254	08/30/21 02:30:00	6.40	26.96					6.423824008	81.26544827			0.02	0.37	Excellent
7255	08/30/21 03:00:00	6.38	26.96					6.404036646	81.01512558			0.02	0.38	Excellent
7256	08/30/21 03:30:00	6.39	26.96					6.414361858	81.14574607			0.02	0.38	Excellent
7257	08/30/21 04:00:00	6.38	26.96					6.40461082	81.02238926			0.02	0.39	Excellent
7258	08/30/21 04:30:00	6.35	26.96					6.374780833	80.64502099			0.02	0.39	Excellent
7259	08/30/21 05:00:00	6.37	26.96					6.39514552	80.90264721			0.03	0.39	Excellent
7260	08/30/21 05:30:00	6.36	26.96					6.385392233	80.77926193			0.03	0.40	Excellent
7261	08/30/21 06:00:00	6.39	26.96					6.415799545	81.16393372			0.03	0.40	Excellent
7262	08/30/21 06:30:00	6.37	26.94					6.396005433	80.88447167			0.03	0.41	Excellent
7263	08/30/21 07:00:00	6.38	26.94					6.406333345	81.01507939			0.03	0.41	Excellent
7264	08/30/21 07:30:00	6.37	26.94					6.396578708	80.89172136			0.03	0.42	Excellent
7265	08/30/21 08:00:00	6.36	26.94					6.38682317	80.76835193			0.03	0.42	Excellent
7266	08/30/21 08:30:00	6.36	26.94					6.387109358	80.77197109			0.03	0.43	Excellent
7267	08/30/21 09:00:00	6.35	26.96					6.37735247	80.67755384			0.03	0.43	Excellent
7268	08/30/21 09:30:00	6.35	26.96					6.377638208	80.6811686			0.03	0.44	Excellent
7269	08/30/21 10:00:00	6.36	26.96					6.38796792	80.81184601			0.03	0.44	Excellent
7270	08/30/21 10:30:00	6.37	27.00					6.398298532	81.00067177			0.03	0.44	Excellent
7271	08/30/21 11:00:00	6.37	27.02					6.39858517	81.0333744			0.03	0.45	Excellent
7272	08/30/21 11:30:00	6.37	27.04					6.398871807	81.06608238			0.03	0.45	Excellent
7273	08/30/21 12:00:00	6.37	27.06					6.399158445	81.0987957			0.03	0.46	Excellent
7274	08/30/21 12:30:00	6.38	27.08					6.409491307	81.25887938			0.03	0.46	Excellent
7275	08/30/21 13:00:00	6.38	27.08					6.409778394	81.26251905			0.03	0.47	Excellent
7276	08/30/21 13:30:00	6.39	27.08					6.420112606	81.39353514			0.03	0.47	Excellent
7277	08/30/21 14:00:00	6.38	27.08					6.410352569	81.26979838			0.03	0.48	Excellent
7278	08/30/21 14:30:00	6.41	27.08					6.44078373	81.65560155			0.03	0.48	Excellent
7279	08/30/21 15:00:00	6.41	27.06					6.441072167	81.62998312			0.03	0.48	Excellent
7280	08/30/21 15:30:00	6.41	27.02					6.441360605	81.57509382			0.03	0.49	Excellent
7281	08/30/21 16:00:00	6.40	27.00					6.431599667	81.42225484			0.03	0.49	Excellent
7282	08/30/21 16:30:00	6.39	26.96					6.42183783	81.24032186			0.03	0.50	Excellent
7283	08/30/21 17:00:00	6.37	27.00					6.402024819	81.04784552			0.03	0.50	Excellent
7284	08/30/21 17:30:00	6.40	27.06					6.43246363	81.52088408			0.03	0.51	Excellent
7285	08/30/21 18:00:00	6.40	27.10					6.432751617	81.58301139			0.03	0.51	Excellent
7286	08/30/21 18:30:00	6.40	27.08					6.433039604	81.55742231			0.03	0.52	Excellent
7287	08/30/21 19:00:00	6.36	26.98					6.393119294	80.90605775			0.03	0.52	Excellent
7288	08/30/21 19:30:00	6.33	26.90					6.363247909	80.4124148			0.03	0.53	Excellent
7289	08/30/21 20:00:00	6.35	26.88					6.383638695	80.64110368			0.03	0.53	Excellent
7290	08/30/21 20:30:00	6.35	26.86					6.383924432	80.61572501			0.03	0.53	Excellent
7291	08/30/21 21:00:00	6.37	26.84					6.404317918	80.84417432			0.03	0.54	Excellent
7292	08/30/21 21:30:00	6.38	26.84					6.41465888	80.97471226			0.03	0.54	Excellent
7293	08/30/21 22:00:00	6.37	26.82					6.404891193	80.82233297			0.03	0.55	Excellent
7294	08/30/21 22:30:00	6.38	26.80					6.415233055	80.92371308			0.04	0.55	Excellent
7295	08/30/21 23:00:00	6.34	26.80					6.375297446	80.41995308			0.04	0.56	Excellent
7296	08/30/21 23:30:00	6.36	26.80				6.789	6.395694981	80.67725384		6.779	0.04	0.56	Excellent
7297	08/31/21 00:00:00	6.53	26.80	6.10	6.53	6.22604		6.56694293	82.83742787	6.252		0.04	0.57	Excellent
7298	08/31/21 00:30:00	6.32	26.78					6.35603926	80.14817358			0.04	0.57	Excellent
7299	08/31/21 01:00:00	6.35	26.76					6.38649607	80.50324045			0.04	0.57	Excellent

7300	08/31/21 01:30:00	6.37	26.74					6.406897655	80.7313308			0.04	0.58	Excellent
7301	08/31/21 02:00:00	6.36	26.74					6.397125919	80.60820018			0.04	0.58	Excellent
7302	08/31/21 02:30:00	6.34	26.72					6.377294458	80.32937083			0.04	0.59	Excellent
7303	08/31/21 03:00:00	6.33	26.70					6.367520471	80.17736399			0.04	0.59	Excellent
7304	08/31/21 03:30:00	6.31	26.70					6.347685861	79.92761422			0.04	0.60	Excellent
7305	08/31/21 04:00:00	6.30	26.70					6.337909624	79.80451562			0.04	0.60	Excellent
7306	08/31/21 04:30:00	6.30	26.70					6.338193112	79.80808518			0.04	0.61	Excellent
7307	08/31/21 05:00:00	6.26	26.68					6.298232304	79.2763389			0.04	0.61	Excellent
7308	08/31/21 05:30:00	6.26	26.66					6.298513991	79.25131071			0.04	0.62	Excellent
7309	08/31/21 06:00:00	6.26	26.66					6.298795679	79.25485505			0.04	0.62	Excellent
7310	08/31/21 06:30:00	6.26	26.66					6.299077367	79.2583994			0.04	0.62	Excellent
7311	08/31/21 07:00:00	6.25	26.66					6.289296181	79.13532722			0.04	0.63	Excellent
7312	08/31/21 07:30:00	6.24	26.66					6.279514094	79.01224372			0.04	0.63	Excellent
7313	08/31/21 08:00:00	6.23	26.66					6.269731108	78.8891489			0.04	0.64	Excellent
7314	08/31/21 08:30:00	6.15	26.66					6.189497655	77.87960819			0.04	0.64	Excellent
7315	08/31/21 09:00:00	6.14	26.66					6.179709719	77.75645108			0.04	0.65	Excellent
7316	08/31/21 09:30:00	6.12	26.68					6.15985576	77.5345826			0.04	0.65	Excellent
7317	08/31/21 10:00:00	6.10	26.68					6.14992788	77.4096196			0.05	0.82	Excellent
7318	08/31/21 10:30:00	6.10	26.68					6.14	77.28465661			0.04	0.66	Excellent
7319	08/31/21 11:00:00	6.11	26.72					6.13	76.76299145			0.02	0.33	Excellent
7320	08/31/21 11:30:00	6.12	26.68					6.139553305	76.82727381			0.02	0.32	Excellent
7321	08/31/21 12:00:00	6.14	26.68					6.159136209	77.0723244			0.02	0.31	Excellent
7322	08/31/21 12:30:00	6.14	26.68					6.158655214	77.06630547			0.02	0.30	Excellent
7323	08/31/21 13:00:00	6.12	26.66					6.138115019	76.78161161			0.02	0.30	Excellent
7324	08/31/21 13:30:00	6.13	26.66					6.147664407	76.90106479			0.02	0.29	Excellent
7325	08/31/21 14:00:00	6.13	26.64					6.147184195	76.86735526			0.02	0.28	Excellent
7326	08/31/21 14:30:00	6.15	26.62					6.166758482	77.08433335			0.02	0.27	Excellent
7327	08/31/21 15:00:00	6.14	26.62					6.156250238	76.95298054			0.02	0.26	Excellent
7328	08/31/21 15:30:00	6.15	26.62					6.165794925	77.07228891			0.02	0.26	Excellent
7329	08/31/21 16:00:00	6.16	26.60					6.175338046	77.16375332			0.02	0.25	Excellent
7330	08/31/21 16:30:00	6.20	26.60					6.214951948	77.65874766			0.01	0.24	Excellent
7331	08/31/21 17:00:00	6.20	26.60					6.214466253	77.65267867			0.01	0.23	Excellent
7332	08/31/21 17:30:00	6.18	26.58					6.193935458	77.36823112			0.01	0.23	Excellent
7333	08/31/21 18:00:00	6.19	26.58					6.203473096	77.48736541			0.01	0.22	Excellent
7334	08/31/21 18:30:00	6.19	26.58					6.202988183	77.48130839			0.01	0.21	Excellent
7335	08/31/21 19:00:00	6.21	26.58					6.22254367	77.72557529			0.01	0.20	Excellent
7336	08/31/21 19:30:00	6.24	26.58					6.252115438	78.09495521			0.01	0.19	Excellent
7337	08/31/21 20:00:00	6.25	26.56					6.261645241	78.18578355			0.01	0.19	Excellent
7338	08/31/21 20:30:00	6.25	26.56					6.261155629	78.17967002			0.01	0.18	Excellent
7339	08/31/21 21:00:00	6.27	26.56					6.280700148	78.42371187			0.01	0.17	Excellent
7340	08/31/21 21:30:00	6.26	26.54					6.270192686	78.26426683			0.01	0.16	Excellent
7341	08/31/21 22:00:00	6.26	26.54					6.26970229	78.25814574			0.01	0.15	Excellent
7342	08/31/21 22:30:00	6.26	26.54					6.269211895	78.25202464			0.01	0.15	Excellent
7343	08/31/21 23:00:00	6.26	26.52					6.268721499	78.21766869			0.01	0.14	Excellent
7344	08/31/21 23:30:00	6.26	26.50				6.660	6.268231103	78.18331972		6.658	0.01	0.13	Excellent
7345	09/01/21 00:00:00	6.25	26.48	6.07	6.80	6.29708		6.257728342	78.0241391	6.293		0.01	0.12	Excellent
7346	09/01/21 00:30:00	6.26	26.46					6.267250311	78.11464271			0.01	0.12	Excellent
7347	09/01/21 01:00:00	6.25	26.42					6.256749117	77.92741756			0.01	0.11	Excellent
7348	09/01/21 01:30:00	6.24	26.40					6.246249489	77.76852701			0.01	0.10	Excellent
7349	09/01/21 02:00:00	6.23	26.38					6.235751428	77.60975302			0.01	0.09	Excellent
7350	09/01/21 02:30:00	6.22	26.36					6.225254934	77.45109555			0.01	0.08	Excellent
7351	09/01/21 03:00:00	6.20	26.36					6.204752342	77.19601391			0.00	0.08	Excellent
7352	09/01/21 03:30:00	6.19	26.36					6.194259765	77.06547121			0.00	0.07	Excellent
7353	09/01/21 04:00:00	6.17	26.34					6.173762656	76.78267327			0.00	0.06	Excellent
7354	09/01/21 04:30:00	6.16	26.34					6.163273995	76.6522265			0.00	0.05	Excellent
7355	09/01/21 05:00:00	6.16	26.32					6.162791433	76.61849226			0.00	0.05	Excellent
7356	09/01/21 05:30:00	6.15	26.30					6.152305123	76.46043894			0.00	0.04	Excellent
7357	09/01/21 06:00:00	6.13	26.28					6.131817415	76.17823076			0.00	0.03	Excellent
7358	09/01/21 06:30:00	6.13	26.28					6.131337203	76.17226488			0.00	0.02	Excellent
7359	09/01/21 07:00:00	6.12	26.26					6.120855593	76.01451077			0.00	0.01	Excellent
7360	09/01/21 07:30:00	6.11	26.26					6.11037555	75.88435979			0.00	0.01	Excellent
7361	09/01/21 08:00:00	6.10	26.26					6.099897074	75.75422827			0.00	0.00	Excellent
7362	09/01/21 08:30:00	6.10	26.24					6.099419212	75.72085612			0.00	-0.01	Excellent
7363	09/01/21 09:00:00	6.08	26.24					6.078944821	75.46667809			0.00	-0.02	Excellent
7364	09/01/21 09:30:00	6.08	26.24					6.078468526	75.46076515			0.00	-0.03	Excellent
7365	09/01/21 10:00:00	6.08	26.24					6.077992231	75.45485222			0.00	-0.03	Excellent
7366	09/01/21 10:30:00	6.07	26.24					6.067520022	75.32484563			0.00	-0.04	Excellent
7367	09/01/21 11:00:00	6.09	26.24					6.087034772	75.56711027			0.00	-0.05	Excellent
7368	09/01/21 11:30:00	6.10	26.24					6.096552042	75.68526181			0.00	-0.06	Excellent
7369	09/01/21 12:00:00	6.12	26.22					6.116061308	75.89994837			0.00	-0.06	Excellent
7370	09/01/21 12:30:00	6.16	26.22					6.155553003	76.3900379			0.00	-0.07	Excellent
7371	09/01/21 13:00:00	6.19	26.20					6.185046434	76.72823176			0.00	-0.08	Excellent
7372	09/01/21 13:30:00	6.20	26.18					6.194552735	76.81830356			-0.01	-0.09	Excellent
7373	09/01/21 14:00:00	6.21	26.16					6.204057471	76.90827292			-0.01	-0.10	Excellent
7374	09/01/21 14:30:00	6.23	26.14					6.223550286	77.12193111			-0.01	-0.10	Excellent
7375	09/01/21 15:00:00	6.23	26.12					6.223062241	77.08790449			-0.01	-0.11	Excellent
7376	09/01/21 15:30:00	6.25	26.12					6.242550356	77.32931264			-0.01	-0.12	Excellent
7377	09/01/21 16:00:00	6.30	26.10					6.29199723	77.91354738			-0.01	-0.13	Excellent
7378	09/01/21 16:30:00	6.33	26.10					6.321463242	78.27842381			-0.01	-0.13	Excellent
7379	09/01/21 17:00:00	6.38	26.08					6.370896014	78.8619095			-0.01	-0.14	Excellent
7380	09/01/21 17:30:00	6.43	26.08					6.420320953	79.47371435			-0.01	-0.15	Excellent
7381	09/01/21 18:00:00	6.50	26.08					6.489706386	80.33259945			-0.01	-0.16	Excellent
7382	09/01/21 18:30:00	6.54	26.06					6.52913071	80.79126503			-0.01	-0.17	Excellent
7383	09/01/21 19:00:00	6.55	26.04					6.538600976	80.87906284			-0.01	-0.17	Excellent
7384	09/01/21 19:30:00	6.59	26.02					6.578015117	81.33703359			-0.01	-0.18	Excellent
7385	09/01/21 20:00:00	6.62	26.00					6.60744196	81.67120486			-0.01	-0.19	Excellent
7386	09/01/21 20:30:00	6.64	25.94					6.626883856	81.82219665			-0.01	-0.20	Excellent
7387	09/01/21 21:00:00	6.62	25.90					6.606404765	81.50999193			-0.01	-0.21	Excellent
7388	09/01/21 21:30:00	6.60	25.84					6.585928807	81.16863077			-0.01	-0.21	Excellent
7389	09/01/21 22:00:00	6.65	25.80					6.63530126	81.71754171			-0.01	-0.22	Excellent
7390	09/01/21 22:30:00	6.71	25.76					6.694642992	82.38826441			-0.02	-0.23	Excellent
7391	09/01/21 23:00:00	6.74	25.66					6.724046333	82.59924394			-0.02	-0.24	Excellent
7392	09/01/21 23:30:00	6.80	25.42				6.542	6.783371614	82.96298025		6.545	-0.02	-0.24	Excellent
7393	09/02/21 00:00:00	6.87	25.20	6.87	7.61	7.32063		6.852662258	83.4727419	7.289		-0.02	-0.25	Excellent
7394	09/02/21 00:30:00	6.91	24.98					6.892019995	83.61285611			-0.02	-0.26	Excellent
7395	09/02/21 01:00:00	6.93	24.88					6.911425072	83.69371727			-0.02	-0.27	Excellent
7396	09/02/21 01:30:00	6.96	24.82					6.940799428	83.956328			-0.02	-0.28	Excellent
7397	09/02/21 02:00:00	6.96	24.76					6.940254196	83.8566666			-0.02	-0.28	Excellent
7398	09/02/21 02:30:00	6.97	24.74					6.94967981	83.93949406			-0.02	-0.29	Excellent
7399	09/02/21 03:00:00	7.01	24.74					6.989014045	84.4145801			-0.02	-0.30	Excellent
7400	09/02/21 03:30:00	7.03	24.68					7.008403455	84.55482067			-0.02	-0.31	Excellent
7401	09/02/21 04:00:00	7.04	24.58					7.017821235	84.51170626			-0.02	-0.32	Excellent
7402	09/02/21 04:30:00	7.06	24.50					7.037205161	84.61944716			-0.02	-0.32	Excellent
7403	09/02/21 05:00:00	7.11	24.42					7.086486741	85.08551099			-0.02	-0.33	Excellent
7404	09/02/21 05:30:00	7.15	24.32					7.125794342	85.39849114			-0.02	-0.34	Excellent
7405	09/02/21 06:00:00	7.19	24.14					7.165095675	85.58192885			-0.02	-0.35	Excellent
7406	09/02/21 06:30:00	7.26	23.94					7.234284479	86.08599131			-0.03	-0.35	Excellent
7407	09/02/21 07:00:00	7.35	23.70					7.323389908	86.75509521			-0.03	-0.36	Excellent
7408	09/02/21 07:30:00	7.41	23.48					7.382592198	87.09524227			-0.03	-0.37	Excellent
7409	09/02/21 08:00:00	7.45	23.26					7.42186063	87.19573121			-0.03	-0.38	Excellent
7410	09/02/21 08:30:00	7.47	23.04					7.441199903	87.05954343			-0.03	-0.39	Excellent
7411	09/02/21 09:00:00	7.50	22.86					7.470496705	87.10405424			-0.03	-0.39	Excellent
7412	09/02/21 09:30:00	7.52	22.70					7.489828928	87.06384662			-0.03	-0.40	Excellent
7413	09/02/21 10:00:00	7.49	22.50					7.45936254	86.37926679			-0.03	-0.41	Excellent
7414	09/02/21 10:30:00	7.45	22.30					7.41894254	85.58282842			-0.03	-0.42	Excellent
7415	09/02/21 11:00:00	7.49	22.12					7.458189037	85.73868966			-0.03	-0.42	Excellent

7416	09/02/21 11:30:00	7.48	21.92					7.44764554	85.28833758			-0.03	-0.43	Excellent
7417	09/02/21 12:00:00	7.46	21.76					7.427147647	84.79119881			-0.03	-0.44	Excellent
7418	09/02/21 12:30:00	7.40	21.60					7.366832174	83.84250812			-0.03	-0.45	Excellent
7419	09/02/21 13:00:00	7.40	21.48					7.366252473	83.64095512			-0.03	-0.46	Excellent
7420	09/02/21 13:30:00	7.36	21.34					7.325858325	82.95621136			-0.03	-0.46	Excellent
7421	09/02/21 14:00:00	7.36	21.22					7.325281757	82.75601166			-0.03	-0.47	Excellent
7422	09/02/21 14:30:00	7.42	21.18					7.38441746	83.35902889			-0.04	-0.48	Excellent
7423	09/02/21 15:00:00	7.52	21.20					7.483348809	84.50877905			-0.04	-0.49	Excellent
7424	09/02/21 15:30:00	7.46	21.24					7.423056838	83.89331031			-0.04	-0.50	Excellent
7425	09/02/21 16:00:00	7.48	21.26					7.442371826	84.14439341			-0.04	-0.50	Excellent
7426	09/02/21 16:30:00	7.48	21.26					7.441785858	84.13776838			-0.04	-0.51	Excellent
7427	09/02/21 17:00:00	7.45	21.26					7.411355505	83.79371897			-0.04	-0.52	Excellent
7428	09/02/21 17:30:00	7.43	21.26					7.390877198	83.56218865			-0.04	-0.53	Excellent
7429	09/02/21 18:00:00	7.44	21.28					7.400241708	83.70067245			-0.04	-0.53	Excellent
7430	09/02/21 18:30:00	7.44	21.26					7.399658873	83.66147538			-0.04	-0.54	Excellent
7431	09/02/21 19:00:00	7.39	21.26					7.349351065	83.09268896			-0.04	-0.55	Excellent
7432	09/02/21 19:30:00	7.36	21.24					7.318939513	82.71660546			-0.04	-0.56	Excellent
7433	09/02/21 20:00:00	7.38	21.22					7.338249802	82.90251574			-0.04	-0.57	Excellent
7434	09/02/21 20:30:00	7.41	21.20					7.367499601	83.20050445			-0.04	-0.57	Excellent
7435	09/02/21 21:00:00	7.41	21.12					7.366919116	83.06416322			-0.04	-0.58	Excellent
7436	09/02/21 21:30:00	7.40	21.04					7.356397554	82.81597017			-0.04	-0.59	Excellent
7437	09/02/21 22:00:00	7.38	21.00					7.335937264	82.52105065			-0.04	-0.60	Excellent
7438	09/02/21 22:30:00	7.39	20.96					7.345298641	82.56169934			-0.04	-0.60	Excellent
7439	09/02/21 23:00:00	7.61	20.94					7.563371731	84.97957302			-0.05	-0.61	Excellent
7440	09/02/21 23:30:00	7.50	20.88				6.577	7.453458192	83.64623524		6.581	-0.05	-0.62	Excellent
7441	09/03/21 00:00:00	7.43	20.82	7.39	7.81	7.58292		7.383310531	82.76156895	7.521		-0.05	-0.63	Excellent
7442	09/03/21 00:30:00	7.43	20.80					7.38272848	82.72257362			-0.05	-0.64	Excellent
7443	09/03/21 01:00:00	7.39	20.74					7.342404052	82.17387787			-0.05	-0.64	Excellent
7444	09/03/21 01:30:00	7.40	20.72					7.351759945	82.24626158			-0.05	-0.65	Excellent
7445	09/03/21 02:00:00	7.41	20.68					7.361114271	82.28618759			-0.05	-0.66	Excellent
7446	09/03/21 02:30:00	7.43	20.62					7.380400275	82.40445573			-0.05	-0.67	Excellent
7447	09/03/21 03:00:00	7.43	20.60					7.379818224	82.36552453			-0.05	-0.68	Excellent
7448	09/03/21 03:30:00	7.39	20.56					7.339509463	81.85113902			-0.05	-0.68	Excellent
7449	09/03/21 04:00:00	7.41	20.54					7.358792333	82.03385171			-0.05	-0.69	Excellent
7450	09/03/21 04:30:00	7.43	20.52					7.37807207	82.21636261			-0.05	-0.70	Excellent
7451	09/03/21 05:00:00	7.46	20.50					7.407278	82.50927403			-0.05	-0.71	Excellent
7452	09/03/21 05:30:00	7.41	20.46					7.35705088	81.88516545			-0.05	-0.71	Excellent
7453	09/03/21 06:00:00	7.48	20.46					7.425964717	82.6521876			-0.05	-0.72	Excellent
7454	09/03/21 06:30:00	7.48	20.46					7.425378749	82.64566568			-0.05	-0.73	Excellent
7455	09/03/21 07:00:00	7.53	20.44					7.474423749	83.15871712			-0.06	-0.74	Excellent
7456	09/03/21 07:30:00	7.54	20.42					7.483759274	83.22971629			-0.06	-0.75	Excellent
7457	09/03/21 08:00:00	7.53	20.40					7.473243979	83.07995478			-0.06	-0.75	Excellent
7458	09/03/21 08:30:00	7.50	20.38					7.442882564	82.7097463			-0.06	-0.76	Excellent
7459	09/03/21 09:00:00	7.48	20.32					7.422448909	82.38491697			-0.06	-0.77	Excellent
7460	09/03/21 09:30:00	7.52	20.32					7.461552047	82.81893933			-0.06	-0.78	Excellent
7461	09/03/21 10:00:00	7.50	20.32					7.441119959	82.59215489			-0.06	-0.79	Excellent
7462	09/03/21 10:30:00	7.46	20.26					7.400849584	82.0477262			-0.06	-0.79	Excellent
7463	09/03/21 11:00:00	7.52	20.28					7.459784742	82.73383618			-0.06	-0.80	Excellent
7464	09/03/21 11:30:00	7.55	20.28					7.48895307	83.0573318			-0.06	-0.81	Excellent
7465	09/03/21 12:00:00	7.58	20.28					7.518116697	83.38077528			-0.06	-0.82	Excellent
7466	09/03/21 12:30:00	7.52	20.24					7.458017437	82.64877446			-0.06	-0.82	Excellent
7467	09/03/21 13:00:00	7.62	20.26					7.556596265	83.77437405			-0.06	-0.83	Excellent
7468	09/03/21 13:30:00	7.59	20.24					7.526251301	83.40493323			-0.06	-0.84	Excellent
7469	09/03/21 14:00:00	7.62	20.22					7.555402394	83.69482781			-0.06	-0.85	Excellent
7470	09/03/21 14:30:00	7.66	20.22					7.59446323	84.12752349			-0.07	-0.86	Excellent
7471	09/03/21 15:00:00	7.65	20.20					7.583949502	83.97778122			-0.07	-0.86	Excellent
7472	09/03/21 15:30:00	7.66	20.18					7.593263092	84.04759661			-0.07	-0.87	Excellent
7473	09/03/21 16:00:00	7.68	20.18					7.612487209	84.2603827			-0.07	-0.88	Excellent
7474	09/03/21 16:30:00	7.70	20.16					7.631708191	84.43965323			-0.07	-0.89	Excellent
7475	09/03/21 17:00:00	7.73	20.18					7.660836567	84.79554753			-0.07	-0.89	Excellent
7476	09/03/21 17:30:00	7.77	20.22					7.699869985	85.29516483			-0.07	-0.90	Excellent
7477	09/03/21 18:00:00	7.77	20.22					7.699261298	85.28842212			-0.07	-0.91	Excellent
7478	09/03/21 18:30:00	7.78	20.22					7.708560788	85.39143704			-0.07	-0.92	Excellent
7479	09/03/21 19:00:00	7.81	20.24					7.737673496	85.74788636			-0.07	-0.93	Excellent
7480	09/03/21 19:30:00	7.76	20.24					7.687528631	85.19218752			-0.07	-0.93	Excellent
7481	09/03/21 20:00:00	7.70	20.22					7.627485774	84.49333009			-0.07	-0.94	Excellent
7482	09/03/21 20:30:00	7.73	20.22					7.656597698	84.81581689			-0.07	-0.95	Excellent
7483	09/03/21 21:00:00	7.70	20.22					7.626279369	84.47996617			-0.07	-0.96	Excellent
7484	09/03/21 21:30:00	7.76	20.20					7.685097019	85.09779713			-0.07	-0.97	Excellent
7485	09/03/21 22:00:00	7.76	20.14					7.684489117	84.98992847			-0.08	-0.97	Excellent
7486	09/03/21 22:30:00	7.76	20.12					7.683881214	84.94950069			-0.08	-0.98	Excellent
7487	09/03/21 23:00:00	7.77	20.08					7.693174436	84.98476004			-0.08	-0.99	Excellent
7488	09/03/21 23:30:00	7.79	20.06				6.682	7.712366434	85.16294842		6.678	-0.08	-1.00	Excellent
7489	09/04/21 00:00:00	7.87	20.04	7.84	8.11	7.96813		7.790952651	85.99656477	7.873		-0.08	-1.00	Excellent
7490	09/04/21 00:30:00	7.88	20.04					7.800234906	86.09902234			-0.08	-1.01	Excellent
7491	09/04/21 01:00:00	7.87	20.02					7.789719611	85.94879939			-0.08	-1.02	Excellent
7492	09/04/21 01:30:00	7.91	20.04					7.828691925	86.41313102			-0.08	-1.03	Excellent
7493	09/04/21 02:00:00	7.93	20.04					7.847865121	86.62476484			-0.08	-1.04	Excellent
7494	09/04/21 02:30:00	7.88	20.02					7.797765692	86.03757679			-0.08	-1.04	Excellent
7495	09/04/21 03:00:00	7.84	20.02					7.757568956	85.59406131			-0.08	-1.05	Excellent
7496	09/04/21 03:30:00	7.85	20.00					7.766848861	85.66240016			-0.08	-1.06	Excellent
7497	09/04/21 04:00:00	7.87	19.98					7.786020491	85.83971513			-0.08	-1.07	Excellent
7498	09/04/21 04:30:00	7.87	19.94					7.785403971	85.76466478			-0.08	-1.07	Excellent
7499	09/04/21 05:00:00	7.89	19.92					7.8045709	85.9416027			-0.09	-1.08	Excellent
7500	09/04/21 05:30:00	7.89	19.88					7.803952814	85.86639691			-0.09	-1.09	Excellent
7501	09/04/21 06:00:00	7.90	19.82					7.813224885	85.86571606			-0.09	-1.10	Excellent
7502	09/04/21 06:30:00	7.89	19.78					7.80271664	85.68187108			-0.09	-1.11	Excellent
7503	09/04/21 07:00:00	7.89	19.72					7.802098553	85.57257006			-0.09	-1.11	Excellent
7504	09/04/21 07:30:00	7.92	19.70					7.831143891	85.85684316			-0.09	-1.12	Excellent
7505	09/04/21 08:00:00	7.93	19.68					7.840410478	85.92410665			-0.09	-1.13	Excellent
7506	09/04/21 08:30:00	7.93	19.66					7.839789258	85.88297322			-0.09	-1.14	Excellent
7507	09/04/21 09:00:00	7.93	19.62					7.839168038	85.80753075			-0.09	-1.15	Excellent
7508	09/04/21 09:30:00	7.94	19.60					7.848431492	85.8745735			-0.09	-1.15	Excellent
7509	09/04/21 10:00:00	7.95	19.60					7.857693379	85.97591358			-0.09	-1.16	Excellent
7510	09/04/21 10:30:00	7.95	19.62					7.857070592	86.00349211			-0.09	-1.17	Excellent
7511	09/04/21 11:00:00	7.93	19.60					7.836683157	85.74602766			-0.09	-1.18	Excellent
7512	09/04/21 11:30:00	7.93	19.62					7.836061936	85.77353137			-0.09	-1.18	Excellent
7513	09/04/21 12:00:00	7.95	19.64					7.855202231	86.01742843			-0.09	-1.19	Excellent
7514	09/04/21 12:30:00	7.95	19.66					7.854579444	86.04499609			-0.10	-1.20	Excellent
7515	09/04/21 13:00:00	7.96	19.70					7.863835848	86.21526184			-0.10	-1.21	Excellent
7516	09/04/21 13:30:00	7.96	19.72					7.863212277	86.24285875			-0.10	-1.22	Excellent
7517	09/04/21 14:00:00	7.98	19.74					7.882343955	86.48721289			-0.10	-1.22	Excellent
7518	09/04/21 14:30:00	8.01	19.78					7.91134934	86.8747701			-0.10	-1.23	Excellent
7519	09/04/21 15:00:00	7.99	19.78					7.890969738	86.65098106			-0.10	-1.24	Excellent
7520	09/04/21 15:30:00	7.99	19.82					7.890343817	86.71323709			-0.10	-1.25	Excellent
7521	09/04/21 16:00:00	8.01	19.86					7.909466878	86.99270339			-0.10	-1.26	Excellent
7522	09/04/21 16:30:00	7.99	19.88					7.889091976	86.80317771			-0.10	-1.26	Excellent
7523	09/04/21 17:00:00	8.01	19.88					7.908211903	87.01355305			-0.10	-1.27	Excellent
7524	09/04/21 17:30:00	8.02	19.92					7.917456556	87.18466581			-0.10	-1.28	Excellent
7525	09/04/21 18:00:00	8.04	19.94					7.936571	87.42993348			-0.10	-1.29	Excellent
7526	09/04/21 18:30:00	8.06	19.96					7.955682309	87.67533695			-0.10	-1.29	Excellent
7527	09/04/21 19:00:00	8.07	19.96					7.964920695	87.77714828			-0.11	-1.30	Excellent
7528	09/04/21 19:30:00	8.08	19.96					7.974157515	87.87894234			-0.11	-1.31	Excellent
7529	09/04/21 20:00:00	8.08	19.98					7.973524544	87.90691936			-0.11	-1.32	Excellent
7530	09/04/21 20:30:00	8.09	19.98					7.982759013	88.00872801			-0.11	-1.33	Excellent
7531	09/04/21 21:00:00	8.08	19.98					7.972258602	87.89296254			-0.11	-1.33	Excellent

7532	09/04/21 21:30:00	8.09	19.98					7.981491504	87.99475391			-0.11	-1.34	Excellent
7533	09/04/21 22:00:00	8.09	19.98					7.98085775	87.98776687			-0.11	-1.35	Excellent
7534	09/04/21 22:30:00	8.11	19.98					7.999952608	88.19828484			-0.11	-1.36	Excellent
7535	09/04/21 23:00:00	8.11	20.00					7.999317287	88.22634903			-0.11	-1.36	Excellent
7536	09/04/21 23:30:00	8.11	20.00				6.885	7.998681966	88.21934192		6.868	-0.11	-1.37	Excellent
7537	09/05/21 00:00:00	8.11	20.00	8.11	8.27	8.20417		7.998046645	88.21233482	8.076		-0.11	-1.38	Excellent
7538	09/05/21 00:30:00	8.12	20.00					8.007272497	88.3140889			-0.11	-1.39	Excellent
7539	09/05/21 01:00:00	8.12	20.02					8.006636393	88.34217655			-0.11	-1.40	Excellent
7540	09/05/21 01:30:00	8.12	20.04					8.006000288	88.3702614			-0.11	-1.40	Excellent
7541	09/05/21 02:00:00	8.12	20.06					8.005364184	88.39834347			-0.11	-1.41	Excellent
7542	09/05/21 02:30:00	8.13	20.08					8.014586119	88.53532229			-0.12	-1.42	Excellent
7543	09/05/21 03:00:00	8.12	20.12					8.004091975	88.48960543			-0.12	-1.43	Excellent
7544	09/05/21 03:30:00	8.12	20.14					8.00345587	88.51767913			-0.12	-1.44	Excellent
7545	09/05/21 04:00:00	8.13	20.18					8.012675455	88.68994874			-0.12	-1.44	Excellent
7546	09/05/21 04:30:00	8.14	20.22					8.021893473	88.86237396			-0.12	-1.45	Excellent
7547	09/05/21 05:00:00	8.14	20.26					8.021255802	88.92570945			-0.12	-1.46	Excellent
7548	09/05/21 05:30:00	8.15	20.30					8.03047147	89.09836807			-0.12	-1.47	Excellent
7549	09/05/21 06:00:00	8.14	20.34					8.019980459	89.05238038			-0.12	-1.47	Excellent
7550	09/05/21 06:30:00	8.16	20.36					8.039046333	89.29937744			-0.12	-1.48	Excellent
7551	09/05/21 07:00:00	8.15	20.38					8.028556106	89.21809971			-0.12	-1.49	Excellent
7552	09/05/21 07:30:00	8.17	20.40					8.047618063	89.4652639			-0.12	-1.50	Excellent
7553	09/05/21 08:00:00	8.18	20.40					8.056827464	89.56764468			-0.12	-1.51	Excellent
7554	09/05/21 08:30:00	8.19	20.42					8.066035298	89.7054281			-0.12	-1.51	Excellent
7555	09/05/21 09:00:00	8.19	20.42					8.06539371	89.69829275			-0.12	-1.52	Excellent
7556	09/05/21 09:30:00	8.22	20.42					8.094293338	90.01969645			-0.13	-1.53	Excellent
7557	09/05/21 10:00:00	8.21	20.44					8.083803111	89.93853155			-0.13	-1.54	Excellent
7558	09/05/21 10:30:00	8.22	20.42					8.093005462	90.00537349			-0.13	-1.54	Excellent
7559	09/05/21 11:00:00	8.22	20.42					8.092361523	89.99821201			-0.13	-1.55	Excellent
7560	09/05/21 11:30:00	8.22	20.40					8.091717585	89.9555177			-0.13	-1.56	Excellent
7561	09/05/21 12:00:00	8.23	20.40					8.100916802	90.05778528			-0.13	-1.57	Excellent
7562	09/05/21 12:30:00	8.24	20.38					8.110114452	90.12442466			-0.13	-1.58	Excellent
7563	09/05/21 13:00:00	8.24	20.36					8.109468947	90.0816463			-0.13	-1.58	Excellent
7564	09/05/21 13:30:00	8.24	20.34					8.108823442	90.03887644			-0.13	-1.59	Excellent
7565	09/05/21 14:00:00	8.24	20.34					8.108177937	90.03170887			-0.13	-1.60	Excellent
7566	09/05/21 14:30:00	8.21	20.34					8.078014717	89.69678205			-0.13	-1.61	Excellent
7567	09/05/21 15:00:00	8.26	20.32					8.126563837	90.200188			-0.13	-1.62	Excellent
7568	09/05/21 15:30:00	8.26	20.32					8.125916765	90.19300587			-0.13	-1.62	Excellent
7569	09/05/21 16:00:00	8.27	20.32					8.135106582	90.29500756			-0.13	-1.63	Excellent
7570	09/05/21 16:30:00	8.26	20.32					8.124622622	90.17864162			-0.14	-1.64	Excellent
7571	09/05/21 17:00:00	8.26	20.32					8.12397555	90.1714595			-0.14	-1.65	Excellent
7572	09/05/21 17:30:00	8.26	20.32					8.123328478	90.16427737			-0.14	-1.65	Excellent
7573	09/05/21 18:00:00	8.25	20.32					8.112847652	90.04794622			-0.14	-1.66	Excellent
7574	09/05/21 18:30:00	8.26	20.32					8.122034335	90.14991312			-0.14	-1.67	Excellent
7575	09/05/21 19:00:00	8.26	20.30					8.121387263	90.10708205			-0.14	-1.68	Excellent
7576	09/05/21 19:30:00	8.25	20.30					8.110908787	89.99082298			-0.14	-1.69	Excellent
7577	09/05/21 20:00:00	8.26	20.30					8.120093119	90.09272348			-0.14	-1.69	Excellent
7578	09/05/21 20:30:00	8.26	20.28					8.119446048	90.04990659			-0.14	-1.70	Excellent
7579	09/05/21 21:00:00	8.25	20.26					8.108969921	89.89813078			-0.14	-1.71	Excellent
7580	09/05/21 21:30:00	8.25	20.26					8.108323633	89.89096586			-0.14	-1.72	Excellent
7581	09/05/21 22:00:00	8.25	20.24					8.107677344	89.84822065			-0.14	-1.73	Excellent
7582	09/05/21 22:30:00	8.25	20.24					8.107031056	89.84105856			-0.14	-1.73	Excellent
7583	09/05/21 23:00:00	8.25	20.22					8.106384768	89.79832468			-0.14	-1.74	Excellent
7584	09/05/21 23:30:00	8.25	20.22				7.140	8.105738479	89.79116544		7.102	-0.14	-1.75	Excellent
7585	09/06/21 00:00:00	8.26	20.22	8.21	8.32	8.24938		8.114916545	89.89283529	8.089		-0.15	-1.76	Excellent
7586	09/06/21 00:30:00	8.26	20.22					8.114269473	89.88566736			-0.15	-1.76	Excellent
7587	09/06/21 01:00:00	8.26	20.22					8.113622401	89.87849944			-0.15	-1.77	Excellent
7588	09/06/21 01:30:00	8.27	20.24					8.122797334	90.01577839			-0.15	-1.78	Excellent
7589	09/06/21 02:00:00	8.26	20.24					8.112328258	89.89976146			-0.15	-1.79	Excellent
7590	09/06/21 02:30:00	8.25	20.24					8.101860749	89.78376189			-0.15	-1.80	Excellent
7591	09/06/21 03:00:00	8.24	20.24					8.091394806	89.66777969			-0.15	-1.80	Excellent
7592	09/06/21 03:30:00	8.25	20.26					8.100568172	89.80498682			-0.15	-1.81	Excellent
7593	09/06/21 04:00:00	8.24	20.28					8.090103796	89.72448205			-0.15	-1.82	Excellent
7594	09/06/21 04:30:00	8.25	20.28					8.099275595	89.82620323			-0.15	-1.83	Excellent
7595	09/06/21 05:00:00	8.25	20.28					8.098629307	89.81903547			-0.15	-1.83	Excellent
7596	09/06/21 05:30:00	8.24	20.30					8.088167281	89.73850516			-0.15	-1.84	Excellent
7597	09/06/21 06:00:00	8.24	20.30					8.087521776	89.73134326			-0.15	-1.85	Excellent
7598	09/06/21 06:30:00	8.25	20.30					8.096690441	89.83306993			-0.15	-1.86	Excellent
7599	09/06/21 07:00:00	8.23	20.28					8.076417379	89.57269084			-0.15	-1.87	Excellent
7600	09/06/21 07:30:00	8.24	20.28					8.085585261	89.67436857			-0.15	-1.87	Excellent
7601	09/06/21 08:00:00	8.23	20.28					8.075127936	89.55839008			-0.15	-1.88	Excellent
7602	09/06/21 08:30:00	8.23	20.30					8.074483214	89.58667995			-0.16	-1.89	Excellent
7603	09/06/21 09:00:00	8.22	20.30					8.064028239	89.47068163			-0.16	-1.90	Excellent
7604	09/06/21 09:30:00	8.23	20.32					8.073193771	89.60781094			-0.16	-1.91	Excellent
7605	09/06/21 10:00:00	8.23	20.32					8.072549049	89.6006549			-0.16	-1.91	Excellent
7606	09/06/21 10:30:00	8.23	20.32					8.071904328	89.59349886			-0.16	-1.92	Excellent
7607	09/06/21 11:00:00	8.22	20.34					8.061452486	89.5128781			-0.16	-1.93	Excellent
7608	09/06/21 11:30:00	8.21	20.36					8.051002211	89.43218579			-0.16	-1.94	Excellent
7609	09/06/21 12:00:00	8.21	20.38					8.050359057	89.46038709			-0.16	-1.94	Excellent
7610	09/06/21 12:30:00	8.21	20.42					8.049715902	89.52393392			-0.16	-1.95	Excellent
7611	09/06/21 13:00:00	8.21	20.46					8.049072747	89.58748068			-0.16	-1.96	Excellent
7612	09/06/21 13:30:00	8.22	20.50					8.058232795	89.76022472			-0.16	-1.97	Excellent
7613	09/06/21 14:00:00	8.23	20.54					8.067391276	89.93312349			-0.16	-1.98	Excellent
7614	09/06/21 14:30:00	8.23	20.58					8.066746554	89.99682482			-0.16	-1.98	Excellent
7615	09/06/21 15:00:00	8.23	20.62					8.066101833	90.06052608			-0.16	-1.99	Excellent
7616	09/06/21 15:30:00	8.23	20.64					8.065457111	90.088776			-0.16	-2.00	Excellent
7617	09/06/21 16:00:00	8.23	20.68					8.064812389	90.1524743			-0.17	-2.01	Excellent
7618	09/06/21 16:30:00	8.24	20.70					8.07396617	90.29029409			-0.17	-2.01	Excellent
7619	09/06/21 17:00:00	8.25	20.72					8.083118385	90.42817965			-0.17	-2.02	Excellent
7620	09/06/21 17:30:00	8.26	20.74					8.092269032	90.56613098			-0.17	-2.03	Excellent
7621	09/06/21 18:00:00	8.27	20.76					8.101418113	90.70414806			-0.17	-2.04	Excellent
7622	09/06/21 18:30:00	8.30	20.78					8.130156365	91.06165656			-0.17	-2.05	Excellent
7623	09/06/21 19:00:00	8.32	20.82					8.149095331	91.34546249			-0.17	-2.05	Excellent
7624	09/06/21 19:30:00	8.31	20.82					8.138649757	91.22837516			-0.17	-2.06	Excellent
7625	09/06/21 20:00:00	8.31	20.82					8.137998768	91.22107804			-0.17	-2.07	Excellent
7626	09/06/21 20:30:00	8.29	20.82					8.117763308	90.99425318			-0.17	-2.08	Excellent
7627	09/06/21 21:00:00	8.27	20.82					8.097530982	90.76746344			-0.17	-2.09	Excellent
7628	09/06/21 21:30:00	8.23	20.82					8.057720451	90.3212162			-0.17	-2.09	Excellent
7629	09/06/21 22:00:00	8.28	20.82					8.106025157	90.862677			-0.17	-2.10	Excellent
7630	09/06/21 22:30:00	8.29	20.80					8.11516562	90.92944259			-0.17	-2.11	Excellent
7631	09/06/21 23:00:00	8.28	20.80					8.10472788	90.81248897			-0.18	-2.12	Excellent
7632	09/06/21 23:30:00	8.28	20.80				7.407	8.104079241	90.80522106		7.342	-0.18	-2.12	Excellent
7633	09/07/21 00:00:00	8.29	20.78	8.25	8.54	8.35354		8.113217354	90.87193151	8.193		-0.18	-2.13	Excellent
7634	09/07/21 00:30:00	8.30	20.78					8.122353901	90.97426522			-0.18	-2.14	Excellent
7635	09/07/21 01:00:00	8.28	20.76					8.102133325	90.71215564			-0.18	-2.15	Excellent
7636	09/07/21 01:30:00	8.27	20.76					8.091700285	90.59534646			-0.18	-2.16	Excellent
7637	09/07/21 02:00:00	8.27	20.74					8.09105243	90.55251515			-0.18	-2.16	Excellent
7638	09/07/21 02:30:00	8.27	20.74					8.090404575	90.54526456			-0.18	-2.17	Excellent
7639	09/07/21 03:00:00	8.26	20.72					8.079974668	90.39300998			-0.18	-2.18	Excellent
7640	09/07/21 03:30:00	8.26	20.68					8.079327596	90.31473248			-0.18	-2.19	Excellent
7641	09/07/21 04:00:00	8.26	20.66					8.078680524	90.271987			-0.18	-2.20	Excellent
7642	09/07/21 04:30:00	8.26	20.62					8.078033452	90.19374631			-0.18	-2.20	Excellent
7643	09/07/21 05:00:00	8.25	20.60					8.067607462	90.04188182			-0.18	-2.21	Excellent
7644	09/07/21 05:30:00	8.26	20.60					8.076739309	90.14380159			-0.18	-2.22	Excellent
7645	09/07/21 06:00:00	8.26	20.60					8.076092237	90.13657967			-0.18	-2.23	Excellent
7646	09/07/21 06:30:00	8.27	20.56					8.085221733	90.16741669			-0.18	-2.23	Excellent
7647	09/07/21 07:00:00	8.27	20.54					8.084573878	90.12467055			-0.19	-2.24	Excellent

7648	09/07/21 07:30:00	8.27	20.52					8.083926023	90.08193292			-0.19	-2.25	Excellent
7649	09/07/21 08:00:00	8.28	20.52					8.093052386	90.18363107			-0.19	-2.26	Excellent
7650	09/07/21 08:30:00	8.26	20.52					8.072856878	89.95858568			-0.19	-2.27	Excellent
7651	09/07/21 09:00:00	8.27	20.52					8.081982457	90.0602751			-0.19	-2.27	Excellent
7652	09/07/21 09:30:00	8.27	20.54					8.081334602	90.08855996			-0.19	-2.28	Excellent
7653	09/07/21 10:00:00	8.30	20.58					8.11	90.47938278			-0.19	-2.29	Excellent
7654	09/07/21 10:30:00	8.28	20.80					8.12	90.2083377			-0.16	-1.93	Excellent
7655	09/07/21 11:00:00	8.34	20.64					8.180271653	90.59283422			-0.16	-1.92	Excellent
7656	09/07/21 11:30:00	8.35	20.68					8.191512922	90.7886788			-0.16	-1.90	Excellent
7657	09/07/21 12:00:00	8.35	20.72					8.192945711	90.87593498			-0.16	-1.88	Excellent
7658	09/07/21 12:30:00	8.36	20.76					8.204192127	91.07216529			-0.16	-1.86	Excellent
7659	09/07/21 13:00:00	8.36	20.82					8.205626632	91.19535701			-0.15	-1.85	Excellent
7660	09/07/21 13:30:00	8.36	20.86					8.207061137	91.28283805			-0.15	-1.83	Excellent
7661	09/07/21 14:00:00	8.36	20.92					8.208495643	91.40614045			-0.15	-1.81	Excellent
7662	09/07/21 14:30:00	8.37	20.96					8.219750638	91.60314795			-0.15	-1.80	Excellent
7663	09/07/21 15:00:00	8.39	21.02					8.240831272	91.94588844			-0.15	-1.78	Excellent
7664	09/07/21 15:30:00	8.39	21.04					8.242270925	91.99790043			-0.15	-1.76	Excellent
7665	09/07/21 16:00:00	8.39	21.08					8.243710578	92.08588897			-0.15	-1.74	Excellent
7666	09/07/21 16:30:00	8.40	21.12					8.254977586	92.2837755			-0.15	-1.73	Excellent
7667	09/07/21 17:00:00	8.41	21.16					8.266248025	92.48190832			-0.14	-1.71	Excellent
7668	09/07/21 17:30:00	8.43	21.20					8.287352682	92.79035917			-0.14	-1.69	Excellent
7669	09/07/21 18:00:00	8.44	21.24					8.2986317	92.98909003			-0.14	-1.67	Excellent
7670	09/07/21 18:30:00	8.45	21.26					8.309914151	93.15178934			-0.14	-1.66	Excellent
7671	09/07/21 19:00:00	8.45	21.30					8.311364099	93.24061497			-0.14	-1.64	Excellent
7672	09/07/21 19:30:00	8.46	21.32					8.322651697	93.40358391			-0.14	-1.62	Excellent
7673	09/07/21 20:00:00	8.47	21.36					8.333942727	93.6030874			-0.14	-1.61	Excellent
7674	09/07/21 20:30:00	8.49	21.38					8.355078271	93.87696204			-0.13	-1.59	Excellent
7675	09/07/21 21:00:00	8.54	21.40					8.40574907	94.48300883			-0.13	-1.57	Excellent
7676	09/07/21 21:30:00	8.54	21.42					8.407214462	94.53620343			-0.13	-1.55	Excellent
7677	09/07/21 22:00:00	8.53	21.42					8.398833624	94.44196383			-0.13	-1.54	Excellent
7678	09/07/21 22:30:00	8.48	21.42					8.351057574	93.90473875			-0.13	-1.52	Excellent
7679	09/07/21 23:00:00	8.45	21.44					8.322963686	93.62519077			-0.13	-1.50	Excellent
7680	09/07/21 23:30:00	8.45	21.44				7.711	8.324413635	93.64150127		7.619	-0.13	-1.49	Excellent
7681	09/08/21 00:00:00	8.43	21.42	8.29	8.65	8.42479		8.306157397	93.39985188	8.335		-0.12	-1.47	Excellent
7682	09/08/21 00:30:00	8.43	21.40					8.307603914	93.37982937			-0.12	-1.45	Excellent
7683	09/08/21 01:00:00	8.41	21.38					8.289337381	93.13830289			-0.12	-1.43	Excellent
7684	09/08/21 01:30:00	8.40	21.36					8.280922225	93.00758502			-0.12	-1.42	Excellent
7685	09/08/21 02:00:00	8.39	21.36					8.272503637	92.91303123			-0.12	-1.40	Excellent
7686	09/08/21 02:30:00	8.38	21.36					8.264081617	92.81843891			-0.12	-1.38	Excellent
7687	09/08/21 03:00:00	8.37	21.36					8.255656166	92.72380803			-0.11	-1.37	Excellent
7688	09/08/21 03:30:00	8.37	21.36					8.257092387	92.73993902			-0.11	-1.35	Excellent
7689	09/08/21 04:00:00	8.35	21.36					8.238794967	92.53443066			-0.11	-1.33	Excellent
7690	09/08/21 04:30:00	8.34	21.36					8.23035922	92.43968415			-0.11	-1.31	Excellent
7691	09/08/21 05:00:00	8.34	21.34					8.231790294	92.41980883			-0.11	-1.30	Excellent
7692	09/08/21 05:30:00	8.33	21.34					8.223349399	92.32504137			-0.11	-1.28	Excellent
7693	09/08/21 06:00:00	8.32	21.34					8.214905072	92.23023538			-0.11	-1.26	Excellent
7694	09/08/21 06:30:00	8.31	21.32					8.206457314	92.0995558			-0.10	-1.25	Excellent
7695	09/08/21 07:00:00	8.30	21.30					8.198006124	91.9689143			-0.10	-1.23	Excellent
7696	09/08/21 07:30:00	8.30	21.28					8.199430334	91.94909295			-0.10	-1.21	Excellent
7697	09/08/21 08:00:00	8.30	21.26					8.200854543	91.92926196			-0.10	-1.19	Excellent
7698	09/08/21 08:30:00	8.30	21.24					8.202278753	91.90942134			-0.10	-1.18	Excellent
7699	09/08/21 09:00:00	8.29	21.24					8.193818983	91.81462664			-0.10	-1.16	Excellent
7700	09/08/21 09:30:00	8.31	21.22					8.215012868	92.01625318			-0.09	-1.14	Excellent
7701	09/08/21 10:00:00	8.30	21.22					8.206551382	91.92147619			-0.09	-1.13	Excellent
7702	09/08/21 10:30:00	8.31	21.20					8.217864719	92.01232869			-0.09	-1.11	Excellent
7703	09/08/21 11:00:00	8.30	21.20					8.209399801	91.9175502			-0.09	-1.09	Excellent
7704	09/08/21 11:30:00	8.31	21.24					8.22071657	92.11602357			-0.09	-1.07	Excellent
7705	09/08/21 12:00:00	8.32	21.26					8.232036771	92.27880592			-0.09	-1.06	Excellent
7706	09/08/21 12:30:00	8.33	21.32					8.243360403	92.51371236			-0.09	-1.04	Excellent
7707	09/08/21 13:00:00	8.36	21.38					8.274482881	92.97139897			-0.09	-1.02	Excellent
7708	09/08/21 13:30:00	8.37	21.44					8.285816809	93.20732478			-0.08	-1.01	Excellent
7709	09/08/21 14:00:00	8.37	21.52					8.28725303	93.36831727			-0.08	-0.99	Excellent
7710	09/08/21 14:30:00	8.38	21.58					8.298592106	93.60487468			-0.08	-0.97	Excellent
7711	09/08/21 15:00:00	8.39	21.64					8.309934613	93.84179377			-0.08	-0.95	Excellent
7712	09/08/21 15:30:00	8.42	21.70					8.341093125	94.30307261			-0.08	-0.94	Excellent
7713	09/08/21 16:00:00	8.44	21.76					8.36235393	94.65316294			-0.08	-0.92	Excellent
7714	09/08/21 16:30:00	8.46	21.82					8.383621599	95.00391483			-0.08	-0.90	Excellent
7715	09/08/21 17:00:00	8.48	21.86					8.404896132	95.31854951			-0.08	-0.89	Excellent
7716	09/08/21 17:30:00	8.51	21.92					8.436090678	95.78307772			-0.07	-0.87	Excellent
7717	09/08/21 18:00:00	8.54	22.00					8.46729552	96.28563801			-0.07	-0.85	Excellent
7718	09/08/21 18:30:00	8.56	22.06					8.488594075	96.63934055			-0.07	-0.83	Excellent
7719	09/08/21 19:00:00	8.59	22.14					8.519817792	97.14407374			-0.07	-0.82	Excellent
7720	09/08/21 19:30:00	8.61	22.20					8.541131791	97.49935719			-0.07	-0.80	Excellent
7721	09/08/21 20:00:00	8.63	22.24					8.562452653	97.81778122			-0.07	-0.78	Excellent
7722	09/08/21 20:30:00	8.63	22.28					8.563933488	97.90976368			-0.07	-0.77	Excellent
7723	09/08/21 21:00:00	8.64	22.34					8.575339484	98.15293639			-0.06	-0.75	Excellent
7724	09/08/21 21:30:00	8.65	22.36					8.586748912	98.32117418			-0.06	-0.73	Excellent
7725	09/08/21 22:00:00	8.65	22.38					8.588233179	98.37582503			-0.06	-0.71	Excellent
7726	09/08/21 22:30:00	8.63	22.40					8.569856827	98.2029069			-0.06	-0.70	Excellent
7727	09/08/21 23:00:00	8.62	22.38					8.561405637	98.06852299			-0.06	-0.68	Excellent
7728	09/08/21 23:30:00	8.62	22.38				8.015	8.562884756	98.08546588		7.911	-0.06	-0.66	Excellent
7729	09/09/21 00:00:00	8.62	22.36	8.22	8.67	8.47417		8.564363875	98.06485795	8.454		-0.06	-0.65	Excellent
7730	09/09/21 00:30:00	8.60	22.36					8.545968649	97.85422639			-0.05	-0.63	Excellent
7731	09/09/21 01:00:00	8.59	22.36					8.537505447	97.75731988			-0.05	-0.61	Excellent
7732	09/09/21 01:30:00	8.57	22.34					8.519098209	97.50920137			-0.05	-0.59	Excellent
7733	09/09/21 02:00:00	8.55	22.34					8.500684107	97.29843441			-0.05	-0.58	Excellent
7734	09/09/21 02:30:00	8.54	22.34					8.492207178	97.20140788			-0.05	-0.56	Excellent
7735	09/09/21 03:00:00	8.54	22.32					8.49367257	97.18094567			-0.05	-0.54	Excellent
7736	09/09/21 03:30:00	8.52	22.32					8.475243025	96.97008275			-0.04	-0.53	Excellent
7737	09/09/21 04:00:00	8.52	22.30					8.476704985	96.94965217			-0.04	-0.51	Excellent
7738	09/09/21 04:30:00	8.51	22.30					8.468216044	96.85256258			-0.04	-0.49	Excellent
7739	09/09/21 05:00:00	8.50	22.28					8.459723672	96.7183534			-0.04	-0.47	Excellent
7740	09/09/21 05:30:00	8.48	22.26					8.441273536	96.47042007			-0.04	-0.46	Excellent
7741	09/09/21 06:00:00	8.47	22.22					8.432772584	96.29935776			-0.04	-0.44	Excellent
7742	09/09/21 06:30:00	8.45	22.20					8.414310437	96.05165673			-0.04	-0.42	Excellent
7743	09/09/21 07:00:00	8.43	22.18					8.395841426	95.80404206			-0.03	-0.41	Excellent
7744	09/09/21 07:30:00	8.39	22.12					8.35744316	95.25604804			-0.03	-0.39	Excellent
7745	09/09/21 08:00:00	8.36	22.08					8.328994078	94.85883242			-0.03	-0.37	Excellent
7746	09/09/21 08:30:00	8.33	22.04					8.300534701	94.46200949			-0.03	-0.35	Excellent
7747	09/09/21 09:00:00	8.30	22.02					8.272065028	94.10179727			-0.03	-0.34	Excellent
7748	09/09/21 09:30:00	8.28	21.98					8.253553119	93.81893767			-0.03	-0.32	Excellent
7749	09/09/21 10:00:00	8.25	21.98					8.225064571	93.49510558			-0.02	-0.30	Excellent
7750	09/09/21 10:30:00	8.23	21.98					8.206537219	93.28450338			-0.02	-0.29	Excellent
7751	09/09/21 11:00:00	8.22	21.98					8.19797621	93.18718956			-0.02	-0.27	Excellent
7752	09/09/21 11:30:00	8.22	21.96					8.199386692	93.16732861			-0.02	-0.25	Excellent
7753	09/09/21 12:00:00	8.23	21.96					8.210773814	93.29671727			-0.02	-0.23	Excellent
7754	09/09/21 12:30:00	8.26	21.96					8.242121076	93.65290741			-0.02	-0.22	Excellent
7755	09/09/21 13:00:00	8.30	21.98					8.283458705	94.15887736			-0.02	-0.20	Excellent
7756	09/09/21 13:30:00	8.32	22.02					8.304846488	94.47471435			-0.02	-0.18	Excellent
7757	09/09/21 14:00:00	8.35	22.06					8.336224638	94.90467379			-0.01	-0.16	Excellent
7758	09/09/21 14:30:00	8.37	22.10					8.357627864	95.22154635			-0.01	-0.15	Excellent
7759	09/09/21 15:00:00	8.41	22.12					8.399011822	95.72983727			-0.01	-0.13	Excellent
7760	09/09/21 15:30:00	8.44	22.18					8.430420858	96.19862424			-0.01	-0.11	Excellent
7761	09/09/21 16:00:00	8.48	22.22					8.471830556	96.74538634			-0.01	-0.10	Excellent
7762	09/09/21 16:30:00	8.51	22.24					8.503261898	97.14158381			-0.01	-0.08	Excellent
7763	09/09/21 17:00:00	8.54	22.26					8.534703536	97.53817736			-0.01	-0.06	Excellent

7764	09/09/21 17:30:00	8.56	22.30					8.556159956	97.85839346			0.00	-0.04	Excellent
7765	09/09/21 18:00:00	8.58	22.32					8.577623239	98.1414731			0.00	-0.03	Excellent
7766	09/09/21 18:30:00	8.58	22.34					8.579095494	98.1959275			0.00	-0.01	Excellent
7767	09/09/21 19:00:00	8.59	22.36					8.590568411	98.36490873			0.00	0.01	Excellent
7768	09/09/21 19:30:00	8.61	22.38					8.612047138	98.64860731			0.00	0.02	Excellent
7769	09/09/21 20:00:00	8.65	22.40					8.653540915	99.16185182			0.00	0.04	Excellent
7770	09/09/21 20:30:00	8.67	22.42					8.675036801	99.44621756			0.01	0.06	Excellent
7771	09/09/21 21:00:00	8.67	22.42					8.676524499	99.46327178			0.01	0.08	Excellent
7772	09/09/21 21:30:00	8.67	22.40					8.678012198	99.44227087			0.01	0.09	Excellent
7773	09/09/21 22:00:00	8.64	22.38					8.649467025	99.07724172			0.01	0.11	Excellent
7774	09/09/21 22:30:00	8.63	22.36					8.640936902	98.94164496			0.01	0.13	Excellent
7775	09/09/21 23:00:00	8.62	22.36					8.632403348	98.84393289			0.01	0.14	Excellent
7776	09/09/21 23:30:00	8.61	22.34				8.180	8.623866362	98.70837277		8.077	0.01	0.16	Excellent
7777	09/10/21 00:00:00	8.59	22.32	8.10	8.59	8.32583		8.605308124	98.45823163	8.374		0.02	0.18	Excellent
7778	09/10/21 00:30:00	8.57	22.32					8.586743021	98.24581772			0.02	0.20	Excellent
7779	09/10/21 01:00:00	8.56	22.28					8.578192308	98.07278196			0.02	0.21	Excellent
7780	09/10/21 01:30:00	8.54	22.26					8.559615194	97.82287826			0.02	0.23	Excellent
7781	09/10/21 02:00:00	8.51	22.24					8.531006532	97.45853956			0.02	0.25	Excellent
7782	09/10/21 02:30:00	8.47	22.22					8.492361175	96.97983893			0.02	0.26	Excellent
7783	09/10/21 03:00:00	8.42	22.20					8.443673973	96.38684953			0.02	0.28	Excellent
7784	09/10/21 03:30:00	8.38	22.18					8.404999445	95.90854323			0.02	0.30	Excellent
7785	09/10/21 04:00:00	8.35	22.16					8.376342737	95.54484709			0.03	0.32	Excellent
7786	09/10/21 04:30:00	8.30	22.14					8.327609206	94.95248637			0.03	0.33	Excellent
7787	09/10/21 05:00:00	8.28	22.12					8.308963455	94.70348849			0.03	0.35	Excellent
7788	09/10/21 05:30:00	8.25	22.12					8.280274146	94.37649491			0.03	0.37	Excellent
7789	09/10/21 06:00:00	8.23	22.10					8.261612952	94.12761294			0.03	0.38	Excellent
7790	09/10/21 06:30:00	8.20	22.06					8.232904767	93.72841726			0.03	0.40	Excellent
7791	09/10/21 07:00:00	8.17	22.04					8.204186286	93.36554219			0.03	0.42	Excellent
7792	09/10/21 07:30:00	8.15	22.00					8.18550107	93.08121951			0.04	0.44	Excellent
7793	09/10/21 08:00:00	8.13	21.98					8.16680899	92.83290875			0.04	0.45	Excellent
7794	09/10/21 08:30:00	8.12	21.94					8.158157038	92.66313686			0.04	0.47	Excellent
7795	09/10/21 09:00:00	8.11	21.92					8.149501654	92.52915599			0.04	0.49	Excellent
7796	09/10/21 09:30:00	8.10	21.92					8.140842838	92.43084409			0.04	0.50	Excellent
7797	09/10/21 10:00:00	8.11	21.90					8.152284868	92.52507706			0.04	0.52	Excellent
7798	09/10/21 10:30:00	8.13	21.88					8.173784186	92.73331473			0.04	0.54	Excellent
7799	09/10/21 11:00:00	8.15	21.88					8.195290367	92.97730692			0.05	0.56	Excellent
7800	09/10/21 11:30:00	8.17	21.88					8.216803412	93.22137697			0.05	0.57	Excellent
7801	09/10/21 12:00:00	8.20	21.88					8.248382323	93.57964641			0.05	0.59	Excellent
7802	09/10/21 12:30:00	8.23	21.92					8.27997153	94.01050638			0.05	0.61	Excellent
7803	09/10/21 13:00:00	8.27	21.94					8.321633467	94.51995803			0.05	0.62	Excellent
7804	09/10/21 13:30:00	8.30	21.94					8.35324498	94.87901241			0.05	0.64	Excellent
7805	09/10/21 14:00:00	8.32	21.96					8.374800923	95.16051125			0.05	0.66	Excellent
7806	09/10/21 14:30:00	8.34	21.98					8.396363729	95.44227971			0.06	0.68	Excellent
7807	09/10/21 15:00:00	8.37	21.98					8.428002698	95.80192292			0.06	0.69	Excellent
7808	09/10/21 15:30:00	8.39	22.00					8.449580947	96.08419719			0.06	0.71	Excellent
7809	09/10/21 16:00:00	8.45	22.02					8.511456981	96.82508498			0.06	0.73	Excellent
7810	09/10/21 16:30:00	8.48	22.04					8.543130268	97.22280329			0.06	0.74	Excellent
7811	09/10/21 17:00:00	8.47	22.04					8.534509202	97.12469356			0.06	0.76	Excellent
7812	09/10/21 17:30:00	8.47	22.04					8.535962582	97.14123337			0.07	0.78	Excellent
7813	09/10/21 18:00:00	8.47	22.06					8.537415962	97.19515873			0.07	0.80	Excellent
7814	09/10/21 18:30:00	8.48	22.08					8.548950652	97.36391571			0.07	0.81	Excellent
7815	09/10/21 19:00:00	8.47	22.10					8.540322723	97.30305647			0.07	0.83	Excellent
7816	09/10/21 19:30:00	8.45	22.08					8.52160662	97.05249479			0.07	0.85	Excellent
7817	09/10/21 20:00:00	8.41	22.06					8.482710738	96.57236105			0.07	0.86	Excellent
7818	09/10/21 20:30:00	8.37	22.06					8.44380113	96.12939029			0.07	0.88	Excellent
7819	09/10/21 21:00:00	8.34	22.06					8.414967683	95.80113272			0.07	0.90	Excellent
7820	09/10/21 21:30:00	8.30	22.04					8.376032335	95.32119007			0.08	0.92	Excellent
7821	09/10/21 22:00:00	8.28	22.02					8.357269903	95.07107542			0.08	0.93	Excellent
7822	09/10/21 22:30:00	8.28	22.02					8.358690681	95.08723798			0.08	0.95	Excellent
7823	09/10/21 23:00:00	8.26	22.02					8.339917953	94.87368218			0.08	0.97	Excellent
7824	09/10/21 23:30:00	8.25	22.00				8.286	8.33123683	94.73845003		8.199	0.08	0.98	Excellent
7825	09/11/21 00:00:00	8.24	21.96	7.96	8.67	8.23021		8.322552275	94.56682453	8.346		0.08	1.00	Excellent
7826	09/11/21 00:30:00	8.22	21.96					8.303762388	94.35332032			0.08	1.02	Excellent
7827	09/11/21 01:00:00	8.22	21.94					8.30517287	94.33299295			0.09	1.04	Excellent
7828	09/11/21 01:30:00	8.21	21.92					8.29647802	94.1979205			0.09	1.05	Excellent
7829	09/11/21 02:00:00	8.18	21.88					8.267565641	93.79728523			0.09	1.07	Excellent
7830	09/11/21 02:30:00	8.16	21.86					8.248751731	93.54774145			0.09	1.09	Excellent
7831	09/11/21 03:00:00	8.16	21.84					8.250151918	93.52752146			0.09	1.10	Excellent
7832	09/11/21 03:30:00	8.13	21.82					8.221215516	93.16351525			0.09	1.12	Excellent
7833	09/11/21 04:00:00	8.14	21.78					8.232724467	93.22190375			0.09	1.14	Excellent
7834	09/11/21 04:30:00	8.12	21.76					8.213889966	92.97270503			0.09	1.16	Excellent
7835	09/11/21 05:00:00	8.12	21.72					8.21528329	92.91661359			0.10	1.17	Excellent
7836	09/11/21 05:30:00	8.12	21.70					8.216676613	92.8964393			0.10	1.19	Excellent
7837	09/11/21 06:00:00	8.10	21.66					8.197828384	92.61165135			0.10	1.21	Excellent
7838	09/11/21 06:30:00	8.09	21.60					8.189095784	92.40559461			0.10	1.22	Excellent
7839	09/11/21 07:00:00	8.06	21.56					8.160111337	92.00719959			0.10	1.24	Excellent
7840	09/11/21 07:30:00	8.04	21.50					8.141242517	91.68771484			0.10	1.26	Excellent
7841	09/11/21 08:00:00	8.02	21.46					8.122366834	91.40415714			0.10	1.28	Excellent
7842	09/11/21 08:30:00	8.01	21.42					8.113613643	91.23476431			0.10	1.29	Excellent
7843	09/11/21 09:00:00	8.01	21.38					8.114988091	91.17932882			0.10	1.31	Excellent
7844	09/11/21 09:30:00	7.99	21.38					8.096096965	90.9670697			0.11	1.33	Excellent
7845	09/11/21 10:00:00	7.97	21.38					8.077198975	90.75473347			0.11	1.35	Excellent
7846	09/11/21 10:30:00	7.98	21.36					8.088702779	90.84866286			0.11	1.36	Excellent
7847	09/11/21 11:00:00	7.98	21.34					8.090072079	90.82871262			0.11	1.38	Excellent
7848	09/11/21 11:30:00	7.96	21.34					8.071162078	90.6164066			0.11	1.40	Excellent
7849	09/11/21 12:00:00	7.97	21.34					8.082669313	90.74560042			0.11	1.41	Excellent
7850	09/11/21 12:30:00	7.98	21.32					8.09417998	90.839488			0.11	1.43	Excellent
7851	09/11/21 13:00:00	8.02	21.28					8.136128475	91.23922065			0.12	1.45	Excellent
7852	09/11/21 13:30:00	8.03	21.28					8.147651154	91.36843692			0.12	1.47	Excellent
7853	09/11/21 14:00:00	8.06	21.30					8.179473725	91.76100952			0.12	1.48	Excellent
7854	09/11/21 14:30:00	8.09	21.32					8.211306592	92.15397834			0.12	1.50	Excellent
7855	09/11/21 15:00:00	8.12	21.34					8.243149754	92.54734356			0.12	1.52	Excellent
7856	09/11/21 15:30:00	8.16	21.38					8.28515659	93.09132787			0.13	1.53	Excellent
7857	09/11/21 16:00:00	8.19	21.40					8.317022059	93.485692			0.13	1.55	Excellent
7858	09/11/21 16:30:00	8.25	21.40					8.379368254	94.18648095			0.13	1.57	Excellent
7859	09/11/21 17:00:00	8.30	21.42					8.431576513	94.81014623			0.13	1.59	Excellent
7860	09/11/21 17:30:00	8.36	21.44					8.493962174	95.5487563			0.13	1.60	Excellent
7861	09/11/21 18:00:00	8.43	21.48					8.566530383	96.4399304			0.14	1.62	Excellent
7862	09/11/21 18:30:00	8.50	21.52					8.639122616	97.33265515			0.14	1.64	Excellent
7863	09/11/21 19:00:00	8.55	21.58					8.691408092	98.03568543			0.14	1.65	Excellent
7864	09/11/21 19:30:00	8.60	21.60					8.743710727	98.66385863			0.14	1.67	Excellent
7865	09/11/21 20:00:00	8.64	21.64					8.785861699	99.21630675			0.15	1.69	Excellent
7866	09/11/21 20:30:00	8.65	21.66					8.797514788	99.38636601			0.15	1.71	Excellent
7867	09/11/21 21:00:00	8.65	21.66					8.798999054	99.40313391			0.15	1.72	Excellent
7868	09/11/21 21:30:00	8.64	21.68					8.790309352	99.34340117			0.15	1.74	Excellent
7869	09/11/21 22:00:00	8.64	21.68					8.791791903	99.36015617			0.15	1.76	Excellent
7870	09/11/21 22:30:00	8.65	21.70					8.803451854	99.53042688			0.15	1.77	Excellent
7871	09/11/21 23:00:00	8.67	21.70					8.825294355	99.77737472			0.16	1.79	Excellent
7872	09/11/21 23:30:00	8.67	21.72				8.323	8.826782054	99.83279559		8.267	0.16	1.81	Excellent
7873	09/12/21 00:00:00	8.68	21.70	8.62	9.21	8.76167		8.838452301	99.92613636	8.957		0.16	1.83	Excellent
7874	09/12/21 00:30:00	8.69	21.70					8.85012598	100.0581171			0.16	1.84	Excellent
7875	09/12/21 01:00:00	8.69	21.70					8.85161711	100.0749756			0.16	1.86	Excellent
7876	09/12/21 01:30:00	8.68	21.68					8.842920544	99.93798488			0.16	1.88	Excellent
7877	09/12/21 02:00:00	8.69	21.66					8.854599371	100.031256			0.16	1.89	Excellent
7878	09/12/21 02:30:00	8.69	21.66					8.856090501	100.0481015			0.17	1.91	Excellent
7879	09/12/21 03:00:00	8.71	21.64					8.87796732	100.2564301			0.17	1.93	Excellent

7880	09/12/21 03:30:00	8.62	21.62					8.787710841	99.19877033			0.17	1.95	Excellent
7881	09/12/21 04:00:00	8.66	21.60					8.829975064	99.63726371			0.17	1.96	Excellent
7882	09/12/21 04:30:00	8.65	21.58					8.821263055	99.50039865			0.17	1.98	Excellent
7883	09/12/21 05:00:00	8.65	21.56					8.822747322	99.47857821			0.17	2.00	Excellent
7884	09/12/21 05:30:00	8.62	21.52					8.793627317	99.07338202			0.17	2.01	Excellent
7885	09/12/21 06:00:00	8.64	21.52					8.815512716	99.31995381			0.18	2.03	Excellent
7886	09/12/21 06:30:00	8.65	21.50					8.827200122	99.41305715			0.18	2.05	Excellent
7887	09/12/21 07:00:00	8.66	21.46					8.83889096	99.46748217			0.18	2.07	Excellent
7888	09/12/21 07:30:00	8.65	21.44					8.830168656	99.33074997			0.18	2.08	Excellent
7889	09/12/21 08:00:00	8.67	21.40					8.852072929	99.49981586			0.18	2.10	Excellent
7890	09/12/21 08:30:00	8.66	21.38					8.843348908	99.36313016			0.18	2.12	Excellent
7891	09/12/21 09:00:00	8.67	21.36					8.855048326	99.45591055			0.19	2.13	Excellent
7892	09/12/21 09:30:00	8.66	21.34					8.846320874	99.31925557			0.19	2.15	Excellent
7893	09/12/21 10:00:00	8.66	21.32					8.847806856	99.29730334			0.19	2.17	Excellent
7894	09/12/21 10:30:00	8.66	21.30					8.849292839	99.27534115			0.19	2.19	Excellent
7895	09/12/21 11:00:00	8.68	21.28					8.871219419	99.48259156			0.19	2.20	Excellent
7896	09/12/21 11:30:00	8.66	21.24					8.852264804	99.19274389			0.19	2.22	Excellent
7897	09/12/21 12:00:00	8.68	21.22					8.874198248	99.39978012			0.19	2.24	Excellent
7898	09/12/21 12:30:00	8.70	21.22					8.896138556	99.64553323			0.20	2.25	Excellent
7899	09/12/21 13:00:00	8.70	21.20					8.897631402	99.6234196			0.20	2.27	Excellent
7900	09/12/21 13:30:00	8.69	21.20					8.88889537	99.52560555			0.20	2.29	Excellent
7901	09/12/21 14:00:00	8.71	21.22					8.910847689	99.81029004			0.20	2.31	Excellent
7902	09/12/21 14:30:00	8.72	21.22					8.922574562	99.94164259			0.20	2.32	Excellent
7903	09/12/21 15:00:00	8.74	21.24					8.944538892	100.2267075			0.20	2.34	Excellent
7904	09/12/21 15:30:00	8.73	21.26					8.93580286	100.1678249			0.21	2.36	Excellent
7905	09/12/21 16:00:00	8.69	21.24					8.896351022	99.68674548			0.21	2.37	Excellent
7906	09/12/21 16:30:00	8.67	21.22					8.877363804	99.43523748			0.21	2.39	Excellent
7907	09/12/21 17:00:00	8.67	21.22					8.878851503	99.45190117			0.21	2.41	Excellent
7908	09/12/21 17:30:00	8.71	21.26					8.921309625	100.0053598			0.21	2.43	Excellent
7909	09/12/21 18:00:00	8.74	21.28					8.953537152	100.4057095			0.21	2.44	Excellent
7910	09/12/21 18:30:00	8.79	21.32					9.00626705	101.0756728			0.22	2.46	Excellent
7911	09/12/21 19:00:00	8.85	21.34					9.069261861	101.8222546			0.22	2.48	Excellent
7912	09/12/21 19:30:00	8.89	21.38					9.111778323	102.3791807			0.22	2.49	Excellent
7913	09/12/21 20:00:00	8.95	21.40					9.174810884	103.1274822			0.22	2.51	Excellent
7914	09/12/21 20:30:00	9.05	21.44					9.278875641	104.3782641			0.23	2.53	Excellent
7915	09/12/21 21:00:00	9.08	21.48					9.311192396	104.8231555			0.23	2.55	Excellent
7916	09/12/21 21:30:00	9.11	21.50					9.343519446	105.2279114			0.23	2.56	Excellent
7917	09/12/21 22:00:00	9.15	21.52					9.386114841	105.7486413			0.24	2.58	Excellent
7918	09/12/21 22:30:00	9.17	21.54					9.408204433	106.0386286			0.24	2.60	Excellent
7919	09/12/21 23:00:00	9.21	21.56					9.450823851	106.5602907			0.24	2.61	Excellent
7920	09/12/21 23:30:00	9.21	21.58				8.403	9.452404209	106.6194241		8.393	0.24	2.63	Excellent
7921	09/13/21 00:00:00	9.21	21.60	9.04	9.31	9.22042		9.453984567	106.6785746	9.502		0.24	2.65	Excellent
7922	09/13/21 00:30:00	9.18	21.62					9.424765039	106.3900621			0.24	2.67	Excellent
7923	09/13/21 01:00:00	9.18	21.62					9.426340249	106.4078437			0.25	2.68	Excellent
7924	09/13/21 01:30:00	9.19	21.64					9.43818552	106.5828193			0.25	2.70	Excellent
7925	09/13/21 02:00:00	9.20	21.64					9.450034222	106.7166234			0.25	2.72	Excellent
7926	09/13/21 02:30:00	9.21	21.64					9.461886357	106.8504663			0.25	2.73	Excellent
7927	09/13/21 03:00:00	9.19	21.66					9.442916298	106.6775286			0.25	2.75	Excellent
7928	09/13/21 03:30:00	9.21	21.66					9.465047073	106.9275421			0.26	2.77	Excellent
7929	09/13/21 04:00:00	9.19	21.68					9.446070151	106.754461			0.26	2.79	Excellent
7930	09/13/21 04:30:00	9.20	21.68					9.457927433	106.8884656			0.26	2.80	Excellent
7931	09/13/21 05:00:00	9.20	21.68					9.459506075	106.9063066			0.26	2.82	Excellent
7932	09/13/21 05:30:00	9.24	21.70					9.502219868	107.4305869			0.26	2.84	Excellent
7933	09/13/21 06:00:00	9.26	21.70					9.524376381	107.6810849			0.26	2.86	Excellent
7934	09/13/21 06:30:00	9.26	21.70					9.525965318	107.6990492			0.27	2.87	Excellent
7935	09/13/21 07:00:00	9.27	21.70					9.537843192	107.8333386			0.27	2.89	Excellent
7936	09/13/21 07:30:00	9.23	21.70					9.498271239	107.3859444			0.27	2.91	Excellent
7937	09/13/21 08:00:00	9.21	21.70					9.479270295	107.1711227			0.27	2.92	Excellent
7938	09/13/21 08:30:00	9.20	21.70					9.470556569	107.0726067			0.27	2.94	Excellent
7939	09/13/21 09:00:00	9.20	21.70					9.472135211	107.0904546			0.27	2.96	Excellent
7940	09/13/21 09:30:00	9.20	21.70					9.473713853	107.1083025			0.27	2.98	Excellent
7941	09/13/21 10:00:00	9.19	21.70					9.464993265	107.0097089			0.27	2.99	Excellent
7942	09/13/21 10:30:00	9.23	21.70					9.507773978	107.4933808			0.28	3.01	Excellent
7943	09/13/21 11:00:00	9.21	21.72					9.488752443	107.3198225			0.28	3.03	Excellent
7944	09/13/21 11:30:00	9.16	21.72					9.438810907	106.754973			0.28	3.04	Excellent
7945	09/13/21 12:00:00	9.12	21.70					9.399158307	106.2653893			0.28	3.06	Excellent
7946	09/13/21 12:30:00	9.10	21.70					9.3801076	106.0500051			0.28	3.08	Excellent
7947	09/13/21 13:00:00	9.13	21.72					9.412597663	106.4584956			0.28	3.10	Excellent
7948	09/13/21 13:30:00	9.15	21.76					9.434786778	106.7919892			0.28	3.11	Excellent
7949	09/13/21 14:00:00	9.19	21.80					9.477608674	107.359606			0.29	3.13	Excellent
7950	09/13/21 14:30:00	9.23	21.82					9.520444297	107.8864866			0.29	3.15	Excellent
7951	09/13/21 15:00:00	9.27	21.86					9.563293647	108.4557459			0.29	3.16	Excellent
7952	09/13/21 15:30:00	9.30	21.90					9.595838619	108.9088178			0.30	3.18	Excellent
7953	09/13/21 16:00:00	9.29	21.92					9.587114598	108.8517629			0.30	3.20	Excellent
7954	09/13/21 16:30:00	9.30	21.92					9.599030221	108.9870525			0.30	3.22	Excellent
7955	09/13/21 17:00:00	9.28	21.92					9.579979515	108.7707515			0.30	3.23	Excellent
7956	09/13/21 17:30:00	9.25	21.94					9.550596975	108.4789457			0.30	3.25	Excellent
7957	09/13/21 18:00:00	9.26	21.96					9.562510882	108.656126			0.30	3.27	Excellent
7958	09/13/21 18:30:00	9.26	21.98					9.56409982	108.7160489			0.30	3.28	Excellent
7959	09/13/21 19:00:00	9.31	22.02					9.617339345	109.4054404			0.31	3.30	Good
7960	09/13/21 19:30:00	9.29	22.06					9.598273195	109.2726055			0.31	3.32	Good
7961	09/13/21 20:00:00	9.31	22.08					9.620534379	109.5681723			0.31	3.34	Good
7962	09/13/21 20:30:00	9.31	22.08					9.622131896	109.5863664			0.31	3.35	Good
7963	09/13/21 21:00:00	9.31	22.10					9.623729413	109.6467097			0.31	3.37	Good
7964	09/13/21 21:30:00	9.27	22.10					9.583972142	109.1937404			0.31	3.39	Good
7965	09/13/21 22:00:00	9.26	22.10					9.575222383	109.0940512			0.32	3.40	Good
7966	09/13/21 22:30:00	9.18	22.12					9.49407429	108.2110855			0.31	3.42	Good
7967	09/13/21 23:00:00	9.15	22.12					9.464617965	107.8753497			0.31	3.44	Good
7968	09/13/21 23:30:00	9.04	22.12				8.542	9.35238686	106.5961676		8.594	0.31	3.46	Good
7969	09/14/21 00:00:00	9.05	22.12	9.05	9.69	9.32646		9.364285324	106.7317834	9.610		0.31	3.47	Good
7970	09/14/21 00:30:00	9.09	22.12					9.407234198	107.2213039			0.32	3.49	Good
7971	09/14/21 01:00:00	9.06	22.14					9.37774184	106.9262356			0.32	3.51	Good
7972	09/14/21 01:30:00	9.08	22.14					9.400001307	107.180041			0.32	3.52	Good
7973	09/14/21 02:00:00	9.09	22.14					9.411913499	107.3158654			0.32	3.54	Good
7974	09/14/21 02:30:00	9.10	22.16					9.423829122	107.4930123			0.32	3.56	Good
7975	09/14/21 03:00:00	9.13	22.16					9.456463321	107.8652546			0.33	3.58	Good
7976	09/14/21 03:30:00	9.14	22.18					9.46838924	108.0427696			0.33	3.59	Good
7977	09/14/21 04:00:00	9.14	22.20					9.469957586	108.1021579			0.33	3.61	Good
7978	09/14/21 04:30:00	9.13	22.20					9.461163213	108.0017677			0.33	3.63	Good
7979	09/14/21 05:00:00	9.14	22.20					9.47309428	108.1379641			0.33	3.64	Good
7980	09/14/21 05:30:00	9.17	22.22					9.505761081	108.5525167			0.34	3.66	Good
7981	09/14/21 06:00:00	9.20	22.24					9.538438178	108.9674766			0.34	3.68	Good
7982	09/14/21 06:30:00	9.21	22.24					9.550386404	109.1039736			0.34	3.70	Good
7983	09/14/21 07:00:00	9.24	22.26					9.58308066	109.5194715			0.34	3.71	Good
7984	09/14/21 07:30:00	9.24	22.26					9.584666166	109.5375914			0.34	3.73	Good
7985	09/14/21 08:00:00	9.21	22.26					9.555127478	109.2000108			0.35	3.75	Good
7986	09/14/21 08:30:00	9.28	22.28					9.629342966	110.0903803			0.35	3.76	Good
7987	09/14/21 09:00:00	9.29	22.30					9.641313498	110.2694964			0.35	3.78	Good
7988	09/14/21 09:30:00	9.33	22.32					9.6844271	110.8050465			0.35	3.80	Good
7989	09/14/21 10:00:00	9.35	22.32					9.706791238	111.0609273			0.36	3.82	Good
7990	09/14/21 10:30:00	9.35	22.34					9.708395619	111.1218441			0.36	3.83	Good
7991	09/14/21 11:00:00	9.35	22.36					9.71	111.1827784			0.36	3.85	Good
7992	09/14/21 11:30:00	9.43	22.50					9.669238901	110.8788239			0.24	2.54	Excellent
7993	09/14/21 12:00:00	9.46	22.42					9.70	111.0616095			0.24	2.54	Excellent
7994	09/14/21 12:30:00	9.45	22.44					9.689289782	110.9814186			0.24	2.53	Excellent
7995	09/14/21 13:00:00	9.45	22.46					9.688833263	111.0186284			0.24	2.53	Excellent

7996	09/14/21 13:30:00	9.47	22.48					9.708881246	111.2908762			0.24	2.52	Excellent
7997	09/14/21 14:00:00	9.46	22.50					9.698171994	111.2106046			0.24	2.52	Excellent
7998	09/14/21 14:30:00	9.47	22.52					9.707966277	111.36545			0.24	2.51	Excellent
7999	09/14/21 15:00:00	9.46	22.52					9.697257991	111.2426093			0.24	2.51	Excellent
8000	09/14/21 15:30:00	9.45	22.54					9.686550671	111.1622218			0.24	2.50	Excellent
8001	09/14/21 16:00:00	9.46	22.52					9.696343987	111.2321242			0.24	2.50	Excellent
8002	09/14/21 16:30:00	9.47	22.54					9.706136338	111.3869856			0.24	2.49	Excellent
8003	09/14/21 17:00:00	9.55	22.58					9.787669805	112.4084388			0.24	2.49	Excellent
8004	09/14/21 17:30:00	9.62	22.62					9.858947156	113.3134565			0.24	2.48	Excellent
8005	09/14/21 18:00:00	9.69	22.66					9.930217744	114.2196597			0.24	2.48	Excellent
8006	09/14/21 18:30:00	9.68	22.70					9.919502212	114.1833842			0.24	2.47	Excellent
8007	09/14/21 19:00:00	9.64	22.70					9.878046836	113.7061914			0.24	2.47	Excellent
8008	09/14/21 19:30:00	9.55	22.70					9.785363058	112.6393085			0.24	2.46	Excellent
8009	09/14/21 20:00:00	9.42	22.66					9.651704093	111.0161313			0.23	2.46	Excellent
8010	09/14/21 20:30:00	9.32	22.64					9.548794151	109.790579			0.23	2.45	Excellent
8011	09/14/21 21:00:00	9.32	22.66					9.548343913	109.8272586			0.23	2.45	Excellent
8012	09/14/21 21:30:00	9.29	22.68					9.517160111	109.5102983			0.23	2.45	Excellent
8013	09/14/21 22:00:00	9.28	22.68					9.506467284	109.38726			0.23	2.44	Excellent
8014	09/14/21 22:30:00	9.30	22.70					9.526506088	109.6596061			0.23	2.44	Excellent
8015	09/14/21 23:00:00	9.29	22.72					9.515813744	109.5782501			0.23	2.43	Excellent
8016	09/14/21 23:30:00	9.32	22.74				8.681	9.546092721	109.9687839		8.797	0.23	2.43	Excellent
8017	09/15/21 00:00:00	9.31	22.76	8.93	9.45	9.14083		9.535400377	109.8874267	9.352		0.23	2.42	Excellent
8018	09/15/21 00:30:00	9.29	22.78					9.514467377	109.6879192			0.22	2.42	Excellent
8019	09/15/21 01:00:00	9.29	22.78					9.514018588	109.6827453			0.22	2.41	Excellent
8020	09/15/21 01:30:00	9.26	22.80					9.48284783	109.3649842			0.22	2.41	Excellent
8021	09/15/21 02:00:00	9.23	22.80					9.45167997	109.0055276			0.22	2.40	Excellent
8022	09/15/21 02:30:00	9.19	22.80					9.410275319	108.5280108			0.22	2.40	Excellent
8023	09/15/21 03:00:00	9.15	22.80					9.368874532	108.0505386			0.22	2.39	Excellent
8024	09/15/21 03:30:00	9.12	22.82					9.337716334	107.7321523			0.22	2.39	Excellent
8025	09/15/21 04:00:00	9.11	22.82					9.327037516	107.6089475			0.22	2.38	Excellent
8026	09/15/21 04:30:00	9.04	22.84					9.254933118	106.8176555			0.21	2.38	Excellent
8027	09/15/21 05:00:00	9.02	22.84					9.234021856	106.576304			0.21	2.37	Excellent
8028	09/15/21 05:30:00	9.01	22.86					9.223349319	106.4935885			0.21	2.37	Excellent
8029	09/15/21 06:00:00	8.97	22.86					9.181968822	106.0158057			0.21	2.36	Excellent
8030	09/15/21 06:30:00	8.97	22.88					9.181535492	106.0510859			0.21	2.36	Excellent
8031	09/15/21 07:00:00	8.94	22.88					9.150396134	105.6914115			0.21	2.35	Excellent
8032	09/15/21 07:30:00	8.93	22.90					9.139729394	105.6083088			0.21	2.35	Excellent
8033	09/15/21 08:00:00	8.94	22.90					9.149532372	105.7215809			0.21	2.34	Excellent
8034	09/15/21 08:30:00	8.95	22.94					9.159334384	105.9152298			0.21	2.34	Excellent
8035	09/15/21 09:00:00	8.97	22.96					9.17936884	106.1871877			0.21	2.33	Excellent
8036	09/15/21 09:30:00	8.98	22.98					9.189168437	106.3408826			0.21	2.33	Excellent
8037	09/15/21 10:00:00	9.00	23.00					9.209199512	106.6131146			0.21	2.32	Excellent
8038	09/15/21 10:30:00	9.01	23.02					9.218996693	106.7670049			0.21	2.32	Excellent
8039	09/15/21 11:00:00	9.02	23.04					9.228792908	106.9209733			0.21	2.31	Excellent
8040	09/15/21 11:30:00	9.06	23.08					9.269281141	107.4714514			0.21	2.31	Excellent
8041	09/15/21 12:00:00	9.06	23.10					9.268843463	107.5070788			0.21	2.31	Excellent
8042	09/15/21 12:30:00	9.09	23.12					9.29909587	107.8988073			0.21	2.30	Excellent
8043	09/15/21 13:00:00	9.08	23.14					9.288427198	107.8158116			0.21	2.30	Excellent
8044	09/15/21 13:30:00	9.12	23.16					9.328904803	108.3266326			0.21	2.29	Excellent
8045	09/15/21 14:00:00	9.16	23.18					9.369378543	108.8377677			0.21	2.29	Excellent
8046	09/15/21 14:30:00	9.18	23.20					9.389392226	109.111501			0.21	2.28	Excellent
8047	09/15/21 15:00:00	9.29	23.22					9.501452494	110.4554654			0.21	2.28	Excellent
8048	09/15/21 15:30:00	9.41	23.30					9.623729264	112.046103			0.21	2.27	Excellent
8049	09/15/21 16:00:00	9.45	23.30					9.664181266	112.5170732			0.21	2.27	Excellent
8050	09/15/21 16:30:00	9.43	23.28					9.64327242	112.2312579			0.21	2.26	Excellent
8051	09/15/21 17:00:00	9.38	23.26					9.591688464	111.5887586			0.21	2.26	Excellent
8052	09/15/21 17:30:00	9.43	23.28					9.642361315	112.2206542			0.21	2.25	Excellent
8053	09/15/21 18:00:00	9.41	23.30					9.621456334	112.01964			0.21	2.25	Excellent
8054	09/15/21 18:30:00	9.41	23.34					9.621001748	112.0989218			0.21	2.24	Excellent
8055	09/15/21 19:00:00	9.27	23.32					9.477414685	110.3842621			0.21	2.24	Excellent
8056	09/15/21 19:30:00	9.27	23.34					9.476966862	110.420702			0.21	2.23	Excellent
8057	09/15/21 20:00:00	9.23	23.38					9.435627911	110.0220001			0.21	2.23	Excellent
8058	09/15/21 20:30:00	9.19	23.40					9.394292824	109.581324			0.20	2.22	Excellent
8059	09/15/21 21:00:00	9.13	23.38					9.33251797	108.81971			0.20	2.22	Excellent
8060	09/15/21 21:30:00	9.05	23.40					9.250306248	107.9017682			0.20	2.21	Excellent
8061	09/15/21 22:00:00	9.05	23.42					9.249869053	107.937339			0.20	2.21	Excellent
8062	09/15/21 22:30:00	9.00	23.44					9.198330024	107.3763739			0.20	2.20	Excellent
8063	09/15/21 23:00:00	8.95	23.44					9.146795827	106.7747913			0.20	2.20	Excellent
8064	09/15/21 23:30:00	8.96	23.46				8.783	9.156582863	106.9293068		8.942	0.20	2.19	Excellent
8065	09/16/21 00:00:00	8.91	23.48	7.12	8.92	8.55958		9.105055429	106.36762	8.737		0.20	2.19	Excellent
8066	09/16/21 00:30:00	8.92	23.50					9.114843431	106.5220558			0.19	2.18	Excellent
8067	09/16/21 01:00:00	8.87	23.52					9.06332276	105.9598177			0.19	2.18	Excellent
8068	09/16/21 01:30:00	8.85	23.54					9.042459325	105.7556798			0.19	2.17	Excellent
8069	09/16/21 02:00:00	8.82	23.56					9.011380836	105.431847			0.19	2.17	Excellent
8070	09/16/21 02:30:00	8.77	23.56					8.959872242	104.8292039			0.19	2.17	Excellent
8071	09/16/21 03:00:00	8.72	23.58					8.90836848	104.2658116			0.19	2.16	Excellent
8072	09/16/21 03:30:00	8.72	23.60					8.907947226	104.3000766			0.19	2.16	Excellent
8073	09/16/21 04:00:00	8.71	23.62					8.897310921	104.2146916			0.19	2.15	Excellent
8074	09/16/21 04:30:00	8.65	23.64					8.835602733	103.5307836			0.19	2.15	Excellent
8075	09/16/21 05:00:00	8.64	23.66					8.824970775	103.4450439			0.18	2.14	Excellent
8076	09/16/21 05:30:00	8.63	23.68					8.814339783	103.359225			0.18	2.14	Excellent
8077	09/16/21 06:00:00	8.60	23.70					8.783283517	103.0337138			0.18	2.13	Excellent
8078	09/16/21 06:30:00	8.60	23.72					8.782868061	103.067504			0.18	2.13	Excellent
8079	09/16/21 07:00:00	8.56	23.72					8.741603988	102.5832675			0.18	2.12	Excellent
8080	09/16/21 07:30:00	8.54	23.74					8.720767122	102.3771391			0.18	2.12	Excellent
8081	09/16/21 08:00:00	8.53	23.74					8.710143377	102.252422			0.18	2.11	Excellent
8082	09/16/21 08:30:00	8.52	23.74					8.699520598	102.1277163			0.18	2.11	Excellent
8083	09/16/21 09:00:00	8.56	23.74					8.739949894	102.6023346			0.18	2.10	Excellent
8084	09/16/21 09:30:00	8.53	23.74					8.708907154	102.2379094			0.18	2.10	Excellent
8085	09/16/21 10:00:00	8.54	23.74					8.718704335	102.3529231			0.18	2.09	Excellent
8086	09/16/21 10:30:00	8.53	23.76					8.708083005	102.2665751			0.18	2.09	Excellent
8087	09/16/21 11:00:00	8.55	23.78					8.72808751	102.5399373			0.18	2.08	Excellent
8088	09/16/21 11:30:00	8.54	23.78					8.717466663	102.4151607			0.18	2.08	Excellent
8089	09/16/21 12:00:00	8.55	23.78					8.727261429	102.5302323			0.18	2.07	Excellent
8090	09/16/21 12:30:00	8.56	23.80					8.737055228	102.6837671			0.18	2.07	Excellent
8091	09/16/21 13:00:00	8.55	23.76					8.726435348	102.4821026			0.18	2.06	Excellent
8092	09/16/21 13:30:00	8.52	23.74					8.695404685	102.0793977			0.18	2.06	Excellent
8093	09/16/21 14:00:00	8.47	23.70					8.643966139	101.3994289			0.17	2.05	Excellent
8094	09/16/21 14:30:00	8.44	23.68					8.61294224	100.9975854			0.17	2.05	Excellent
8095	09/16/21 15:00:00	8.51	23.68					8.683965486	101.8304224			0.17	2.04	Excellent
8096	09/16/21 15:30:00	8.53	23.72					8.703962262	102.1415395			0.17	2.04	Excellent
8097	09/16/21 16:00:00	8.60	23.74					8.774974398	103.0135035			0.17	2.03	Excellent
8098	09/16/21 16:30:00	8.66	23.78					8.835776795	103.8051002			0.18	2.03	Excellent
8099	09/16/21 17:00:00	8.68	23.80					8.855763425	104.0789059			0.18	2.02	Excellent
8100	09/16/21 17:30:00	8.69	23.86					8.865546114	104.3110186			0.18	2.02	Excellent
8101	09/16/21 18:00:00	8.75	23.90					8.926335467	105.104904			0.18	2.02	Excellent
8102	09/16/21 18:30:00	8.80	23.94					8.976917981	105.779601			0.18	2.01	Excellent
8103	09/16/21 19:00:00	8.82	24.00					8.996893983	106.1339313			0.18	2.01	Excellent
8104	09/16/21 19:30:00	8.88	24.06					9.057668361	106.9706458			0.18	2.00	Excellent
8105	09/16/21 20:00:00	8.90	24.12					9.077638567	107.3265619			0.18	2.00	Excellent
8106	09/16/21 20:30:00	8.91	24.16					9.087407729	107.5222128			0.18	1.99	Excellent
8107	09/16/21 21:00:00	8.89	24.20					9.066580042	107.3557574			0.18	1.99	Excellent
8108	09/16/21 21:30:00	8.39	24.22					8.556243345	101.3506941			0.17	1.98	Excellent
8109	09/16/21 22:00:00	7.91	24.22					8.06635028	95.54779674			0.16	1.98	Excellent
8110	09/16/21 22:30:00	7.12	24.22					7.260391059	86.00102216			0.14	1.97	Excellent
8111	09/16/21 23:00:00	7.47	24.22					7.616931438	90.22432594			0.15	1.97	Excellent

8112	09/16/21 23:30:00	7.45	24.20				8.795	7.596178146	89.94499074		8.983	0.15	1.96	Excellent
8113	09/17/21 00:00:00	7.29	24.22	6.79	8.09	8.08581		7.432686578	88.0419027	8.236		0.14	1.96	Excellent
8114	09/17/21 00:30:00	7.43	24.20					7.575067852	89.69502751			0.15	1.95	Excellent
8115	09/17/21 01:00:00	7.80	24.20					7.951915149	94.15720915			0.15	1.95	Excellent
8116	09/17/21 01:30:00	7.28	24.20					7.421435784	87.87589759			0.14	1.94	Excellent
8117	09/17/21 02:00:00	6.79	24.20					6.921588051	81.95728972			0.13	1.94	Excellent
8118	09/17/21 02:30:00	7.33	24.18					7.471698976	88.43809923			0.14	1.93	Excellent
8119	09/17/21 03:00:00	7.05	24.18					7.185945614	85.05580502			0.14	1.93	Excellent
8120	09/17/21 03:30:00	7.16	24.18					7.29772086	86.37882276			0.14	1.92	Excellent
8121	09/17/21 04:00:00	7.56	24.18					7.705049548	91.20013248			0.15	1.92	Excellent
8122	09/17/21 04:30:00	7.39	24.18					7.53143085	89.14511023			0.14	1.91	Excellent
8123	09/17/21 05:00:00	7.49	24.20					7.632982831	90.38078844			0.14	1.91	Excellent
8124	09/17/21 05:30:00	7.17	24.20					7.30652771	86.51529158			0.14	1.90	Excellent
8125	09/17/21 06:00:00	7.25	24.18					7.387700793	87.44386222			0.14	1.90	Excellent
8126	09/17/21 06:30:00	8.45	24.22					8.610084439	101.9884544			0.16	1.89	Excellent
8127	09/17/21 07:00:00	8.47	24.26					8.630054161	102.3011461			0.16	1.89	Excellent
8128	09/17/21 07:30:00	8.56	24.28					8.721341331	103.4217497			0.16	1.88	Excellent
8129	09/17/21 08:00:00	8.57	24.30					8.731115807	103.5761866			0.16	1.88	Excellent
8130	09/17/21 08:30:00	8.53	24.32					8.689951734	103.1262101			0.16	1.88	Excellent
8131	09/17/21 09:00:00	8.50	24.32					8.658978559	102.7586424			0.16	1.87	Excellent
8132	09/17/21 09:30:00	8.46	24.32					8.617821732	102.2702222			0.16	1.87	Excellent
8133	09/17/21 10:00:00	8.48	24.34					8.637785174	102.5452552			0.16	1.86	Excellent
8134	09/17/21 10:30:00	8.51	24.34					8.667932268	102.9031527			0.16	1.86	Excellent
8135	09/17/21 11:00:00	8.53	24.38					8.687891362	103.2167949			0.16	1.85	Excellent
8136	09/17/21 11:30:00	8.56	24.40					8.718033142	103.6133799			0.16	1.85	Excellent
8137	09/17/21 12:00:00	8.52	24.40					8.676883078	103.1243135			0.16	1.84	Excellent
8138	09/17/21 12:30:00	8.54	24.42					8.696838791	103.3998803			0.16	1.84	Excellent
8139	09/17/21 13:00:00	8.49	24.42					8.645510389	102.7896183			0.16	1.83	Excellent
8140	09/17/21 13:30:00	8.49	24.42					8.645100247	102.784742			0.16	1.83	Excellent
8141	09/17/21 14:00:00	8.45	24.40					8.603961294	102.2576418			0.15	1.82	Excellent
8142	09/17/21 14:30:00	8.44	24.40					8.593371365	102.1317811			0.15	1.82	Excellent
8143	09/17/21 15:00:00	8.43	24.40					8.582782402	102.0059318			0.15	1.81	Excellent
8144	09/17/21 15:30:00	8.47	24.40					8.623098172	102.4850827			0.15	1.81	Excellent
8145	09/17/21 16:00:00	8.38	24.40					8.531066563	101.3912917			0.15	1.80	Excellent
8146	09/17/21 16:30:00	8.32	24.38					8.469583012	100.6231749			0.15	1.80	Excellent
8147	09/17/21 17:00:00	8.34	24.38					8.48953969	100.8602709			0.15	1.79	Excellent
8148	09/17/21 17:30:00	8.30	24.36					8.44842151	100.3344736			0.15	1.79	Excellent
8149	09/17/21 18:00:00	8.27	24.36					8.417485533	99.9670742			0.15	1.78	Excellent
8150	09/17/21 18:30:00	8.26	24.36					8.406908164	99.84145609			0.15	1.78	Excellent
8151	09/17/21 19:00:00	8.25	24.38					8.396331761	99.75291091			0.15	1.77	Excellent
8152	09/17/21 19:30:00	8.27	24.40					8.416286991	100.0271423			0.15	1.77	Excellent
8153	09/17/21 20:00:00	8.29	24.44					8.436240288	100.3387767			0.15	1.76	Excellent
8154	09/17/21 20:30:00	8.29	24.50					8.435839808	100.4457669			0.15	1.76	Excellent
8155	09/17/21 21:00:00	8.28	24.54					8.425263888	100.3942633			0.15	1.75	Excellent
8156	09/17/21 21:30:00			Monitor removed from tailrace-Vandalism										
8157	09/17/21 22:00:00			Found on bedrock near concrete of fishing pier										
8158	09/17/21 22:30:00													
8159	09/17/21 23:00:00													
8160	09/17/21 23:30:00						8.771				8.974			
8161	09/18/21 00:00:00													
8162	09/18/21 00:30:00													
8163	09/18/21 01:00:00													
8164	09/18/21 01:30:00													
8165	09/18/21 02:00:00													
8166	09/18/21 02:30:00													
8167	09/18/21 03:00:00													
8168	09/18/21 03:30:00													
8169	09/18/21 04:00:00													
8170	09/18/21 04:30:00													
8171	09/18/21 05:00:00													
8172	09/18/21 05:30:00													
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8204	09/18/21 21:30:00													
8205	09/18/21 22:00:00													
8206	09/18/21 22:30:00													
8207	09/18/21 23:00:00													
8208	09/18/21 23:30:00						8.862				9.080			
8209	09/19/21 00:00:00													
8210	09/19/21 00:30:00													
8211	09/19/21 01:00:00													
8212	09/19/21 01:30:00													
8213	09/19/21 02:00:00													
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8218	09/19/21 04:30:00													
8219	09/19/21 05:00:00													
8220	09/19/21 05:30:00													
8221	09/19/21 06:00:00													
8222	09/19/21 06:30:00													
8223	09/19/21 07:00:00													
8224	09/19/21 07:30:00													
8225	09/19/21 08:00:00													
8226	09/19/21 08:30:00													
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8228	09/19/21 09:30:00													
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8230	09/19/21 10:30:00													
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8254	09/19/21 22:30:00													
8255	09/19/21 23:00:00													
8256	09/19/21 23:30:00						8.883				9.105			
8257	09/20/21 00:00:00													
8258	09/20/21 00:30:00													
8259	09/20/21 01:00:00													
8260	09/20/21 01:30:00													
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8298	09/20/21 20:30:00													
8299	09/20/21 21:00:00													
8300	09/20/21 21:30:00													
8301	09/20/21 22:00:00													
8302	09/20/21 22:30:00													
8303	09/20/21 23:00:00													
8304	09/20/21 23:30:00						8.797				9.004			
8305	09/21/21 00:00:00													
8306	09/21/21 00:30:00													
8307	09/21/21 01:00:00													
8308	09/21/21 01:30:00													
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8310	09/21/21 02:30:00													
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8318	09/21/21 06:30:00													
8319	09/21/21 07:00:00													
8320	09/21/21 07:30:00													
8321	09/21/21 08:00:00													
8322	09/21/21 08:30:00													
8323	09/21/21 09:00:00													
8324	09/21/21 09:30:00													
8325	09/21/21 10:00:00													
8326	09/21/21 10:30:00				Placed back in tailrace at 1050 hour									
8327	09/21/21 11:00:00	7.58	24.36	7.52	7.65	7.59308		7.65	90.85232337	7.644		0.07	0.92	Excellent
8328	09/21/21 11:30:00	7.63	24.10					7.69	90.8570112			0.06	0.79	Excellent
8329	09/21/21 12:00:00	7.65	24.06					7.709364581	91.01784914			0.06	0.78	Excellent
8330	09/21/21 12:30:00	7.63	24.04					7.688418759	90.73667938			0.06	0.77	Excellent
8331	09/21/21 13:00:00	7.60	24.04					7.657401553	90.37062255			0.06	0.76	Excellent
8332	09/21/21 13:30:00	7.57	24.04					7.626390564	90.00463908			0.06	0.74	Excellent
8333	09/21/21 14:00:00	7.61	24.04					7.665899985	90.47091879			0.06	0.73	Excellent
8334	09/21/21 14:30:00	7.55	24.04					7.604676918	89.74838039			0.05	0.72	Excellent
8335	09/21/21 15:00:00	7.53	24.04					7.58375182	89.50142793			0.05	0.71	Excellent
8336	09/21/21 15:30:00	7.52	24.02					7.572901214	89.34000329			0.05	0.70	Excellent
8337	09/21/21 16:00:00	7.53	24.00					7.582191303	89.41619464			0.05	0.69	Excellent
8338	09/21/21 16:30:00	7.57	24.00					7.621684144	89.88193065			0.05	0.68	Excellent
8339	09/21/21 17:00:00	7.58	23.96					7.630966979	89.92416701			0.05	0.67	Excellent
8340	09/21/21 17:30:00	7.59	23.94					7.640247742	89.99987807			0.05	0.66	Excellent
8341	09/21/21 18:00:00	7.59	23.94					7.639461266	89.99061361			0.05	0.65	Excellent
8342	09/21/21 18:30:00	7.59	23.90					7.63867479	89.9140622			0.05	0.64	Excellent
8343	09/21/21 19:00:00	7.60	23.90					7.647951409	90.02325633			0.05	0.63	Excellent

8344	09/21/21 19:30:00	7.61	23.88					7.657225954	90.09870497			0.05	0.62	Excellent
8345	09/21/21 20:00:00	7.61	23.88					7.656437406	90.08942652			0.05	0.61	Excellent
8346	09/21/21 20:30:00	7.60	23.88					7.645588872	89.96177731			0.05	0.60	Excellent
8347	09/21/21 21:00:00	7.59	23.86					7.634742411	89.80053313			0.04	0.59	Excellent
8348	09/21/21 21:30:00	7.60	23.86					7.644013848	89.90958462			0.04	0.58	Excellent
8349	09/21/21 22:00:00	7.62	23.86					7.66334009	90.13690162			0.04	0.57	Excellent
8350	09/21/21 22:30:00	7.62	23.86					7.662550505	90.12761446			0.04	0.56	Excellent
8351	09/21/21 23:00:00	7.62	23.86					7.661760921	90.1183273			0.04	0.55	Excellent
8352	09/21/21 23:30:00	7.63	23.84				8.453	7.671025105	90.19351707		8.613	0.04	0.54	Excellent
8353	09/22/21 00:00:00	7.61	23.84	7.46	7.80	7.61000		7.65012902	89.94782743	7.632		0.04	0.53	Excellent
8354	09/22/21 00:30:00	7.59	23.84					7.62923708	89.70218653			0.04	0.52	Excellent
8355	09/22/21 01:00:00	7.55	23.82					7.588247966	89.18684011			0.04	0.51	Excellent
8356	09/22/21 01:30:00	7.55	23.82					7.587465635	89.17764515			0.04	0.50	Excellent
8357	09/22/21 02:00:00	7.53	23.82					7.56658613	88.93224238			0.04	0.49	Excellent
8358	09/22/21 02:30:00	7.53	23.82					7.565805871	88.92307177			0.04	0.48	Excellent
8359	09/22/21 03:00:00	7.51	23.82					7.544932583	88.67774207			0.03	0.47	Excellent
8360	09/22/21 03:30:00	7.49	23.82					7.52406344	88.43246109			0.03	0.45	Excellent
8361	09/22/21 04:00:00	7.49	23.82					7.523287326	88.4233392			0.03	0.44	Excellent
8362	09/22/21 04:30:00	7.49	23.82					7.522511212	88.41421731			0.03	0.43	Excellent
8363	09/22/21 05:00:00	7.50	23.82					7.531777468	88.52312626			0.03	0.42	Excellent
8364	09/22/21 05:30:00	7.50	23.82					7.531000318	88.51399219			0.03	0.41	Excellent
8365	09/22/21 06:00:00	7.48	23.82					7.510142573	88.26884517			0.03	0.40	Excellent
8366	09/22/21 06:30:00	7.46	23.82					7.489288973	88.02374687			0.03	0.39	Excellent
8367	09/22/21 07:00:00	7.47	23.84					7.498554192	88.16565796			0.03	0.38	Excellent
8368	09/22/21 07:30:00	7.47	23.84					7.497780151	88.15655702			0.03	0.37	Excellent
8369	09/22/21 08:00:00	7.50	23.84					7.527114568	88.50146193			0.03	0.36	Excellent
8370	09/22/21 08:30:00	7.56	23.84					7.586548117	89.20026304			0.03	0.35	Excellent
8371	09/22/21 09:00:00	7.60	23.84					7.625901071	89.66296278			0.03	0.34	Excellent
8372	09/22/21 09:30:00	7.62	23.82					7.645179648	89.85597438			0.03	0.33	Excellent
8373	09/22/21 10:00:00	7.49	23.82					7.51397396	88.31387655			0.02	0.32	Excellent
8374	09/22/21 10:30:00	7.58	23.82					7.603476592	89.36582648			0.02	0.31	Excellent
8375	09/22/21 11:00:00	7.62	23.80					7.642810894	89.79448702			0.02	0.30	Excellent
8376	09/22/21 11:30:00	7.65	23.78					7.672108008	90.10492238			0.02	0.29	Excellent
8377	09/22/21 12:00:00	7.69	23.76					7.711426768	90.53275745			0.02	0.28	Excellent
8378	09/22/21 12:30:00	7.71	23.74					7.730683584	90.72480864			0.02	0.27	Excellent
8379	09/22/21 13:00:00	7.80	23.70					7.82011679	91.70553828			0.02	0.26	Excellent
8380	09/22/21 13:30:00	7.72	23.68					7.739110518	90.72153358			0.02	0.25	Excellent
8381	09/22/21 14:00:00	7.72	23.64					7.738310571	90.64406307			0.02	0.24	Excellent
8382	09/22/21 14:30:00	7.72	23.60					7.737510625	90.5666176			0.02	0.23	Excellent
8383	09/22/21 15:00:00	7.73	23.58					7.746732324	90.64048242			0.02	0.22	Excellent
8384	09/22/21 15:30:00	7.72	23.58					7.735910732	90.5138646			0.02	0.21	Excellent
8385	09/22/21 16:00:00	7.71	23.56					7.725091212	90.35329491			0.02	0.20	Excellent
8386	09/22/21 16:30:00	7.71	23.56					7.724292302	90.34395079			0.01	0.19	Excellent
8387	09/22/21 17:00:00	7.70	23.54					7.71347589	90.18351884			0.01	0.18	Excellent
8388	09/22/21 17:30:00	7.69	23.52					7.702661551	90.02320897			0.01	0.16	Excellent
8389	09/22/21 18:00:00	7.68	23.50					7.691849285	89.86302114			0.01	0.15	Excellent
8390	09/22/21 18:30:00	7.66	23.48					7.671024698	89.58600229			0.01	0.14	Excellent
8391	09/22/21 19:00:00	7.67	23.44					7.680244325	89.62614566			0.01	0.13	Excellent
8392	09/22/21 19:30:00	7.66	23.42					7.669437239	89.46631779			0.01	0.12	Excellent
8393	09/22/21 20:00:00	7.66	23.40					7.66864351	89.42335245			0.01	0.11	Excellent
8394	09/22/21 20:30:00	7.65	23.40					7.657839533	89.29736826			0.01	0.10	Excellent
8395	09/22/21 21:00:00	7.64	23.38					7.647037629	89.13779964			0.01	0.09	Excellent
8396	09/22/21 21:30:00	7.64	23.38					7.646245972	89.12857169			0.01	0.08	Excellent
8397	09/22/21 22:00:00	7.64	23.36					7.645454315	89.08574478			0.01	0.07	Excellent
8398	09/22/21 22:30:00	7.63	23.36					7.634656555	88.959928			0.00	0.06	Excellent
8399	09/22/21 23:00:00	7.65	23.34					7.653876068	89.15024278			0.00	0.05	Excellent
8400	09/22/21 23:30:00	7.64	23.34				8.008	7.643079344	89.02448552		8.113	0.00	0.04	Excellent
8401	09/23/21 00:00:00	7.63	23.32	7.53	7.92	7.73708		7.632284693	88.86521668	7.720		0.00	0.03	Excellent
8402	09/23/21 00:30:00	7.60	23.32					7.601488198	88.5066429			0.00	0.02	Excellent
8403	09/23/21 01:00:00	7.62	23.32					7.62070253	88.73036172			0.00	0.01	Excellent
8404	09/23/21 01:30:00	7.58	23.30					7.579913402	88.22213747			0.00	0.00	Excellent
8405	09/23/21 02:00:00	7.60	23.30					7.599125662	88.44574776			0.00	-0.01	Excellent
8406	09/23/21 02:30:00	7.60	23.32					7.59833815	88.46996584			0.00	-0.02	Excellent
8407	09/23/21 03:00:00	7.59	23.30					7.587553861	88.31106429			0.00	-0.03	Excellent
8408	09/23/21 03:30:00	7.59	23.30					7.586767385	88.30191055			0.00	-0.04	Excellent
8409	09/23/21 04:00:00	7.58	23.30					7.575986204	88.17642906			0.00	-0.05	Excellent
8410	09/23/21 04:30:00	7.61	23.30					7.60518177	88.51623443			0.00	-0.06	Excellent
8411	09/23/21 05:00:00	7.59	23.28					7.584407957	88.24112929			-0.01	-0.07	Excellent
8412	09/23/21 05:30:00	7.60	23.28					7.593613078	88.34822667			-0.01	-0.08	Excellent
8413	09/23/21 06:00:00	7.53	23.28					7.522891646	87.52541505			-0.01	-0.09	Excellent
8414	09/23/21 06:30:00	7.60	23.28					7.592038054	88.32990199			-0.01	-0.10	Excellent
8415	09/23/21 07:00:00	7.62	23.28					7.611227517	88.55316264			-0.01	-0.12	Excellent
8416	09/23/21 07:30:00	7.63	23.28					7.620425384	88.66017563			-0.01	-0.13	Excellent
8417	09/23/21 08:00:00	7.66	23.28					7.649594008	88.99953928			-0.01	-0.14	Excellent
8418	09/23/21 08:30:00	7.68	23.28					7.668771037	89.22265527			-0.01	-0.15	Excellent
8419	09/23/21 09:00:00	7.70	23.26					7.687943921	89.41195085			-0.01	-0.16	Excellent
8420	09/23/21 09:30:00	7.70	23.24					7.687146047	89.36890547			-0.01	-0.17	Excellent
8421	09/23/21 10:00:00	7.67	23.20					7.656401362	88.94422134			-0.01	-0.18	Excellent
8422	09/23/21 10:30:00	7.66	23.18					7.645625362	88.78546124			-0.01	-0.19	Excellent
8423	09/23/21 11:00:00	7.70	23.16					7.684752425	89.2060828			-0.02	-0.20	Excellent
8424	09/23/21 11:30:00	7.74	23.12					7.723871198	89.59235615			-0.02	-0.21	Excellent
8425	09/23/21 12:00:00	7.75	23.08					7.733047304	89.63089892			-0.02	-0.22	Excellent
8426	09/23/21 12:30:00	7.74	23.08					7.72226716	89.50595024			-0.02	-0.23	Excellent
8427	09/23/21 13:00:00	7.77	23.06					7.751393301	89.80951679			-0.02	-0.24	Excellent
8428	09/23/21 13:30:00	7.79	23.02					7.770538207	89.96312674			-0.02	-0.25	Excellent
8429	09/23/21 14:00:00	7.80	22.98					7.779704988	90.00097764			-0.02	-0.26	Excellent
8430	09/23/21 14:30:00	7.81	22.96					7.788869697	90.07282655			-0.02	-0.27	Excellent
8431	09/23/21 15:00:00	7.82	22.92					7.798032333	90.11036428			-0.02	-0.28	Excellent
8432	09/23/21 15:30:00	7.82	22.90					7.797222024	90.06679749			-0.02	-0.29	Excellent
8433	09/23/21 16:00:00	7.83	22.86					7.806381552	90.10412175			-0.02	-0.30	Excellent
8434	09/23/21 16:30:00	7.85	22.82					7.825507807	90.25624838			-0.02	-0.31	Excellent
8435	09/23/21 17:00:00	7.86	22.80					7.834662153	90.32747703			-0.03	-0.32	Excellent
8436	09/23/21 17:30:00	7.86	22.80					7.8338477	90.31808703			-0.03	-0.33	Excellent
8437	09/23/21 18:00:00	7.86	22.80					7.833033247	90.30869703			-0.03	-0.34	Excellent
8438	09/23/21 18:30:00	7.87	22.80					7.842183448	90.41419164			-0.03	-0.35	Excellent
8439	09/23/21 19:00:00	7.88	22.76					7.851331578	90.45081658			-0.03	-0.36	Excellent
8440	09/23/21 19:30:00	7.90	22.74					7.870440217	90.63645399			-0.03	-0.37	Excellent
8441	09/23/21 20:00:00	7.91	22.68					7.879583165	90.63813312			-0.03	-0.38	Excellent
8442	09/23/21 20:30:00	7.92	22.62					7.888724041	90.63957257			-0.03	-0.39	Excellent
8443	09/23/21 21:00:00	7.92	22.56					7.887903371	90.52647136			-0.03	-0.41	Excellent
8444	09/23/21 21:30:00	7.92	22.50					7.8870827	90.41341623			-0.03	-0.42	Excellent
8445	09/23/21 22:00:00	7.89	22.42					7.856389825	89.9239626			-0.03	-0.43	Excellent
8446	09/23/21 22:30:00	7.87	22.32					7.835659533	89.5151909			-0.03	-0.44	Excellent
8447	09/23/21 23:00:00	7.84	22.24					7.804978056	89.02807402			-0.04	-0.45	Excellent
8448	09/23/21 23:30:00	7.82	22.18				7.768	7.784257089	88.68956186		7.817	-0.04	-0.46	Excellent
8449	09/24/21 00:00:00	7.78	22.16	7.62	8.25	7.95458		7.743633754	88.19285256	7.898		-0.04	-0.47	Excellent
8450	09/24/21 00:30:00	7.75	22.14					7.712970928	87.80989872			-0.04	-0.48	Excellent
8451	09/24/21 01:00:00	7.72	22.12					7.68231432	87.42728648			-0.04	-0.49	Excellent
8452	09/24/21 01:30:00	7.71	22.12					7.671564226	87.30494684			-0.04	-0.50	Excellent
8453	09/24/21 02:00:00	7.69	22.10					7.650867092	87.03595093			-0.04	-0.51	Excellent
8454	09/24/21 02:30:00	7.69	22.10					7.650070254	87.02688613			-0.04	-0.52	Excellent
8455	09/24/21 03:00:00	7.68	22.08					7.639326376	86.87126165			-0.04	-0.53	Excellent
8456	09/24/21 03:30:00	7.65	22.06					7.608692565	86.48964059			-0.04	-0.54	Excellent
8457	09/24/21 04:00:00	7.62	22.06					7.57806497	86.14149016			-0.04	-0.55	Excellent
8458	09/24/21 04:30:00	7.62	22.02					7.577275386	86.06626525			-0.04	-0.56	Excellent
8459	09/24/21 05:00:00	7.65	21.98					7.606314485	86.32961202			-0.04	-0.57	Excellent

8460	09/24/21 05:30:00	7.72	21.86					7.675114802	86.90925667			-0.04	-0.58	Excellent
8461	09/24/21 06:00:00	7.78	21.74					7.73395979	87.37292064			-0.05	-0.59	Excellent
8462	09/24/21 06:30:00	7.81	21.62					7.762972985	87.49735872			-0.05	-0.60	Excellent
8463	09/24/21 07:00:00	7.83	21.56					7.782041212	87.61039854			-0.05	-0.61	Excellent
8464	09/24/21 07:30:00	7.84	21.54					7.791167582	87.67914877			-0.05	-0.62	Excellent
8465	09/24/21 08:00:00	7.86	21.52					7.810228556	87.85957934			-0.05	-0.63	Excellent
8466	09/24/21 08:30:00	7.86	21.52					7.809414103	87.85041732			-0.05	-0.64	Excellent
8467	09/24/21 09:00:00	7.87	21.50					7.818534254	87.91890389			-0.05	-0.65	Excellent
8468	09/24/21 09:30:00	7.88	21.46					7.827652334	87.95314708			-0.05	-0.66	Excellent
8469	09/24/21 10:00:00	7.89	21.42					7.836768341	87.98721858			-0.05	-0.67	Excellent
8470	09/24/21 10:30:00	7.91	21.34					7.855813772	88.06403498			-0.05	-0.69	Excellent
8471	09/24/21 11:00:00	7.95	21.26					7.89471598	88.36247901			-0.06	-0.70	Excellent
8472	09/24/21 11:30:00	7.98	21.20					7.923680473	88.58307816			-0.06	-0.71	Excellent
8473	09/24/21 12:00:00	7.99	21.12					7.932781973	88.54658894			-0.06	-0.72	Excellent
8474	09/24/21 12:30:00	8.01	21.04					7.951808753	88.62043979			-0.06	-0.73	Excellent
8475	09/24/21 13:00:00	7.97	20.98					7.911273494	88.0653486			-0.06	-0.74	Excellent
8476	09/24/21 13:30:00	7.97	21.00					7.910447643	88.09059536			-0.06	-0.75	Excellent
8477	09/24/21 14:00:00	8.02	20.98					7.959243007	88.59932735			-0.06	-0.76	Excellent
8478	09/24/21 14:30:00	8.09	20.98					8.027874424	89.3633067			-0.06	-0.77	Excellent
8479	09/24/21 15:00:00	8.10	20.96					8.036958308	89.42943723			-0.06	-0.78	Excellent
8480	09/24/21 15:30:00	8.08	20.90					8.016276717	89.09463023			-0.06	-0.79	Excellent
8481	09/24/21 16:00:00	8.05	20.84					7.985679173	88.65030917			-0.06	-0.80	Excellent
8482	09/24/21 16:30:00	8.04	20.76					7.974925969	88.39215669			-0.07	-0.81	Excellent
8483	09/24/21 17:00:00	8.09	20.72					8.023682994	88.86277015			-0.07	-0.82	Excellent
8484	09/24/21 17:30:00	8.12	20.68					8.052595678	89.11294162			-0.07	-0.83	Excellent
8485	09/24/21 18:00:00	8.14	20.64					8.07158619	89.25290505			-0.07	-0.84	Excellent
8486	09/24/21 18:30:00	8.15	20.62					8.080657641	89.31808254			-0.07	-0.85	Excellent
8487	09/24/21 19:00:00	8.19	20.60					8.119468662	89.71177557			-0.07	-0.86	Excellent
8488	09/24/21 19:30:00	8.21	20.58					8.138445704	89.88607506			-0.07	-0.87	Excellent
8489	09/24/21 20:00:00	8.22	20.56					8.147506793	89.95073746			-0.07	-0.88	Excellent
8490	09/24/21 20:30:00	8.20	20.58					8.126833491	89.75782253			-0.07	-0.89	Excellent
8491	09/24/21 21:00:00	8.22	20.54					8.14580328	89.89652644			-0.07	-0.90	Excellent
8492	09/24/21 21:30:00	8.23	20.44					8.154860224	89.81930405			-0.08	-0.91	Excellent
8493	09/24/21 22:00:00	8.25	20.34					8.173822759	89.85064434			-0.08	-0.92	Excellent
8494	09/24/21 22:30:00	8.25	20.24					8.172967894	89.66381805			-0.08	-0.93	Excellent
8495	09/24/21 23:00:00	8.24	20.14					8.162207437	89.36864099			-0.08	-0.94	Excellent
8496	09/24/21 23:30:00	8.25	20.06				7.741	8.171258164	89.32592962		7.734	-0.08	-0.95	Excellent
8497	09/25/21 00:00:00	8.28	20.02	8.27	8.55	8.38125		8.200113856	89.57023409	8.280		-0.08	-0.96	Excellent
8498	09/25/21 00:30:00	8.27	19.98					8.1893534	89.38166361			-0.08	-0.98	Excellent
8499	09/25/21 01:00:00	8.27	19.92					8.188496462	89.26579238			-0.08	-0.99	Excellent
8500	09/25/21 01:30:00	8.29	19.84					8.207440346	89.32999257			-0.08	-1.00	Excellent
8501	09/25/21 02:00:00	8.31	19.76					8.226380085	89.3935354			-0.08	-1.01	Excellent
8502	09/25/21 02:30:00	8.32	19.70					8.235417341	89.38470398			-0.08	-1.02	Excellent
8503	09/25/21 03:00:00	8.37	19.62					8.284041732	89.76893967			-0.09	-1.03	Excellent
8504	09/25/21 03:30:00	8.35	19.56					8.263381901	89.43772105			-0.09	-1.04	Excellent
8505	09/25/21 04:00:00	8.33	19.50					8.242726215	89.10710918			-0.09	-1.05	Excellent
8506	09/25/21 04:30:00	8.34	19.44					8.251757254	89.09759866			-0.09	-1.06	Excellent
8507	09/25/21 05:00:00	8.33	19.40					8.240999906	88.9101279			-0.09	-1.07	Excellent
8508	09/25/21 05:30:00	8.34	19.34					8.250028872	88.90046413			-0.09	-1.08	Excellent
8509	09/25/21 06:00:00	8.33	19.28					8.239273596	88.67765743			-0.09	-1.09	Excellent
8510	09/25/21 06:30:00	8.35	19.22					8.258190539	88.77412627			-0.09	-1.10	Excellent
8511	09/25/21 07:00:00	8.36	19.18					8.267214324	88.79964616			-0.09	-1.11	Excellent
8512	09/25/21 07:30:00	8.38	19.12					8.286124013	88.89530809			-0.09	-1.12	Excellent
8513	09/25/21 08:00:00	8.38	19.06					8.285255678	88.77857861			-0.09	-1.13	Excellent
8514	09/25/21 08:30:00	8.42	19.02					8.323930957	89.1210646			-0.10	-1.14	Excellent
8515	09/25/21 09:00:00	8.41	19.00					8.313173609	88.96997599			-0.10	-1.15	Excellent
8516	09/25/21 09:30:00	8.38	18.96					8.282650671	88.57175513			-0.10	-1.16	Excellent
8517	09/25/21 10:00:00	8.38	18.94					8.281782335	88.52669965			-0.10	-1.17	Excellent
8518	09/25/21 10:30:00	8.36	18.92					8.261150481	88.27048109			-0.10	-1.18	Excellent
8519	09/25/21 11:00:00	8.38	18.88					8.280045664	88.40086585			-0.10	-1.19	Excellent
8520	09/25/21 11:30:00	8.37	18.86					8.269297641	88.25041136			-0.10	-1.20	Excellent
8521	09/25/21 12:00:00	8.38	18.86					8.278308992	88.346581			-0.10	-1.21	Excellent
8522	09/25/21 12:30:00	8.40	18.86					8.297195885	88.54814299			-0.10	-1.22	Excellent
8523	09/25/21 13:00:00	8.38	18.84					8.276572321	88.29231398			-0.10	-1.23	Excellent
8524	09/25/21 13:30:00	8.35	18.84					8.24607736	87.9670017			-0.10	-1.24	Excellent
8525	09/25/21 14:00:00	8.34	18.84					8.235337628	87.85243303			-0.10	-1.25	Excellent
8526	09/25/21 14:30:00	8.33	18.84					8.224599967	87.73788647			-0.11	-1.27	Excellent
8527	09/25/21 15:00:00	8.33	18.84					8.223736813	87.72867857			-0.11	-1.28	Excellent
8528	09/25/21 15:30:00	8.36	18.82					8.252487849	87.99976076			-0.11	-1.29	Excellent
8529	09/25/21 16:00:00	8.38	18.80					8.271362307	88.16532206			-0.11	-1.30	Excellent
8530	09/25/21 16:30:00	8.39	18.80					8.280363296	88.26126454			-0.11	-1.31	Excellent
8531	09/25/21 17:00:00	8.38	18.78					8.269625636	88.111116			-0.11	-1.32	Excellent
8532	09/25/21 17:30:00	8.39	18.76					8.278624552	88.17126686			-0.11	-1.33	Excellent
8533	09/25/21 18:00:00	8.40	18.76					8.287621396	88.2670875			-0.11	-1.34	Excellent
8534	09/25/21 18:30:00	8.39	18.74					8.276885809	88.11702805			-0.11	-1.35	Excellent
8535	09/25/21 19:00:00	8.41	18.72					8.295744724	88.28200412			-0.11	-1.36	Excellent
8536	09/25/21 19:30:00	8.42	18.72					8.304736387	88.37769198			-0.12	-1.37	Excellent
8537	09/25/21 20:00:00	8.44	18.72					8.323588049	88.57830838			-0.12	-1.38	Excellent
8538	09/25/21 20:30:00	8.47	18.72					8.352296601	88.88382026			-0.12	-1.39	Excellent
8539	09/25/21 21:00:00	8.48	18.74					8.361278938	89.01549058			-0.12	-1.40	Excellent
8540	09/25/21 21:30:00	8.50	18.74					8.380118166	89.21605596			-0.12	-1.41	Excellent
8541	09/25/21 22:00:00	8.50	18.74					8.379237396	89.20667915			-0.12	-1.42	Excellent
8542	09/25/21 22:30:00	8.51	18.72					8.388213516	89.26604239			-0.12	-1.43	Excellent
8543	09/25/21 23:00:00	8.52	18.72					8.397187563	89.36154278			-0.12	-1.44	Excellent
8544	09/25/21 23:30:00	8.55	18.70				7.882	8.425869174	89.63041039		7.854	-0.12	-1.45	Excellent
8545	09/26/21 00:00:00	8.55	18.70	8.55	8.97	8.80875		8.424983223	89.62098606	8.658		-0.13	-1.46	Excellent
8546	09/26/21 00:30:00	8.56	18.68					8.433950017	89.67998104			-0.13	-1.47	Excellent
8547	09/26/21 01:00:00	8.56	18.64					8.43306303	89.59778676			-0.13	-1.48	Excellent
8548	09/26/21 01:30:00	8.59	18.60					8.461728062	89.82934232			-0.13	-1.49	Excellent
8549	09/26/21 02:00:00	8.61	18.58					8.480537239	89.99244373			-0.13	-1.50	Excellent
8550	09/26/21 02:30:00	8.61	18.54					8.479645071	89.90984075			-0.13	-1.51	Excellent
8551	09/26/21 03:00:00	8.63	18.48					8.498448032	89.99928412			-0.13	-1.52	Excellent
8552	09/26/21 03:30:00	8.65	18.44					8.517246847	90.1249345			-0.13	-1.53	Excellent
8553	09/26/21 04:00:00	8.66	18.38					8.526196026	90.10939015			-0.13	-1.55	Excellent
8554	09/26/21 04:30:00	8.67	18.34					8.535143133	90.13039234			-0.13	-1.56	Excellent
8555	09/26/21 05:00:00	8.66	18.28					8.524401328	89.90678723			-0.14	-1.57	Excellent
8556	09/26/21 05:30:00	8.67	18.22					8.533346362	89.89086873			-0.14	-1.58	Excellent
8557	09/26/21 06:00:00	8.68	18.16					8.542289324	89.87472378			-0.14	-1.59	Excellent
8558	09/26/21 06:30:00	8.71	18.10					8.570910835	90.06516119			-0.14	-1.60	Excellent
8559	09/26/21 07:00:00	8.74	18.04					8.599526129	90.25482081			-0.14	-1.61	Excellent
8560	09/26/21 07:30:00	8.72	17.98					8.578944013	89.9280606			-0.14	-1.62	Excellent
8561	09/26/21 08:00:00	8.76	17.94					8.617389256	90.25691422			-0.14	-1.63	Excellent
8562	09/26/21 08:30:00	8.75	17.88					8.606645378	90.03332779			-0.14	-1.64	Excellent
8563	09/26/21 09:00:00	8.76	17.84					8.615573833	90.05262761			-0.14	-1.65	Excellent
8564	09/26/21 09:30:00	8.79	17.78					8.644168403	90.24001058			-0.15	-1.66	Excellent
8565	09/26/21 10:00:00	8.80	17.76					8.653090641	90.2959557			-0.15	-1.67	Excellent
8566	09/26/21 10:30:00	8.80	17.72					8.652178785	90.2120617			-0.15	-1.68	Excellent
8567	09/26/21 11:00:00	8.81	17.72					8.661097914	90.30505712			-0.15	-1.69	Excellent
8568	09/26/21 11:30:00	8.83	17.70					8.67984492	90.46321931			-0.15	-1.70	Excellent
8569	09/26/21 12:00:00	8.83	17.68					8.678929955	90.41638658			-0.15	-1.71	Excellent
8570	09/26/21 12:30:00	8.86	17.68					8.70749862	90.71401261			-0.15	-1.72	Excellent
8571	09/26/21 13:00:00	8.87	17.66					8.716407387	90.76936863			-0.15	-1.73	Excellent
8572	09/26/21 13:30:00	8.90	17.66					8.74496569	91.06676399			-0.16	-1.74	Excellent
8573	09/26/21 14:00:00	8.91	17.68					8.75386824	91.19708754			-0.16	-1.75	Excellent
8574	09/26/21 14:30:00	8.91	17.68					8.752944986	91.18746915			-0.16	-1.76	Excellent
8575	09/26/21 15:00:00	8.92	17.70					8.761844427	91.3178359			-0.16	-1.77	Excellent

8576	09/26/21 15:30:00	8.93	17.70					8.770741796	91.4105662			-0.16	-1.78	Excellent
8577	09/26/21 16:00:00	8.95	17.72					8.789457715	91.64340237			-0.16	-1.79	Excellent
8578	09/26/21 16:30:00	8.95	17.74					8.788530316	91.67150672			-0.16	-1.80	Excellent
8579	09/26/21 17:00:00	8.97	17.74					8.807240019	91.8666641			-0.16	-1.81	Excellent
8580	09/26/21 17:30:00	8.97	17.74					8.806310547	91.85696896			-0.16	-1.82	Excellent
8581	09/26/21 18:00:00	8.96	17.76					8.795564598	91.78268716			-0.16	-1.84	Excellent
8582	09/26/21 18:30:00	8.96	17.76					8.794636162	91.77299884			-0.17	-1.85	Excellent
8583	09/26/21 19:00:00	8.94	17.78					8.774078915	91.59619957			-0.17	-1.86	Excellent
8584	09/26/21 19:30:00	8.93	17.80					8.763339183	91.52175786			-0.17	-1.87	Excellent
8585	09/26/21 20:00:00	8.93	17.82					8.762413856	91.54976784			-0.17	-1.88	Excellent
8586	09/26/21 20:30:00	8.91	17.84					8.741865935	91.3726715			-0.17	-1.89	Excellent
8587	09/26/21 21:00:00	8.91	17.84					8.74094268	91.36302137			-0.17	-1.90	Excellent
8588	09/26/21 21:30:00	8.93	17.86					8.759637876	91.59609727			-0.17	-1.91	Excellent
8589	09/26/21 22:00:00	8.96	17.88					8.788137116	91.9318962			-0.17	-1.92	Excellent
8590	09/26/21 22:30:00	8.94	17.92					8.767594375	91.79242005			-0.17	-1.93	Excellent
8591	09/26/21 23:00:00	8.95	17.94					8.776474129	91.92313926			-0.17	-1.94	Excellent
8592	09/26/21 23:30:00	8.96	17.94				8.049	8.78535181	92.01612242		7.999	-0.17	-1.95	Excellent
8593	09/27/21 00:00:00	8.98	17.96	8.87	9.00	8.94417		8.804031463	92.24964372	8.747		-0.18	-1.96	Excellent
8594	09/27/21 00:30:00	8.99	17.96					8.812903963	92.34261079			-0.18	-1.97	Excellent
8595	09/27/21 01:00:00	8.98	17.98					8.802170447	92.26801297			-0.18	-1.98	Excellent
8596	09/27/21 01:30:00	8.98	18.00					8.80123994	92.29612722			-0.18	-1.99	Excellent
8597	09/27/21 02:00:00	8.96	18.00					8.780709634	92.08083168			-0.18	-2.00	Excellent
8598	09/27/21 02:30:00	8.97	18.02					8.789580061	92.21167445			-0.18	-2.01	Excellent
8599	09/27/21 03:00:00	8.97	18.02					8.78865059	92.20192334			-0.18	-2.02	Excellent
8600	09/27/21 03:30:00	8.99	18.04					8.8073147	92.43562937			-0.18	-2.03	Excellent
8601	09/27/21 04:00:00	9.00	18.02					8.81617891	92.49072354			-0.18	-2.04	Excellent
8602	09/27/21 04:30:00	8.99	18.02					8.805451612	92.37818323			-0.18	-2.05	Excellent
8603	09/27/21 05:00:00	9.00	18.02					8.81431375	92.47115611			-0.19	-2.06	Excellent
8604	09/27/21 05:30:00	9.00	18.00					8.81338117	92.42344888			-0.19	-2.07	Excellent
8605	09/27/21 06:00:00	8.97	18.00					8.783073761	92.10562362			-0.19	-2.08	Excellent
8606	09/27/21 06:30:00	8.96	17.98					8.772353716	91.95546159			-0.19	-2.09	Excellent
8607	09/27/21 07:00:00	8.97	17.96					8.781214818	92.01056833			-0.19	-2.10	Excellent
8608	09/27/21 07:30:00	8.96	17.94					8.770496846	91.86053433			-0.19	-2.11	Excellent
8609	09/27/21 08:00:00	8.95	17.92					8.759780946	91.71061727			-0.19	-2.13	Excellent
8610	09/27/21 08:30:00	8.95	17.88					8.758853547	91.62556348			-0.19	-2.14	Excellent
8611	09/27/21 09:00:00	8.95	17.86					8.757926148	91.5781984			-0.19	-2.15	Excellent
8612	09/27/21 09:30:00	8.96	17.82					8.766783105	91.59541778			-0.19	-2.16	Excellent
8613	09/27/21 10:00:00	8.97	17.80					8.77563799	91.65020301			-0.19	-2.17	Excellent
8614	09/27/21 10:30:00	8.96	17.80					8.764926234	91.53833256			-0.20	-2.18	Excellent
8615	09/27/21 11:00:00	8.95	17.80					8.754216552	91.42648376			-0.20	-2.19	Excellent
8616	09/27/21 11:30:00	8.96	17.80					8.763069364	91.51893995			-0.20	-2.20	Excellent
8617	09/27/21 12:00:00	8.95	17.82					8.752361754	91.44474339			-0.20	-2.21	Excellent
8618	09/27/21 12:30:00	8.96	17.82					8.761212493	91.53721599			-0.20	-2.22	Excellent
8619	09/27/21 13:00:00	8.95	17.84					8.750506955	91.46299011			-0.20	-2.23	Excellent
8620	09/27/21 13:30:00	8.95	17.84					8.749579556	91.45329665			-0.20	-2.24	Excellent
8621	09/27/21 14:00:00	8.95	17.86					8.748652157	91.48122392			-0.20	-2.25	Excellent
8622	09/27/21 14:30:00	8.95	17.86					8.747724758	91.47152647			-0.20	-2.26	Excellent
8623	09/27/21 15:00:00	8.95	17.88					8.746797359	91.4994448			-0.20	-2.27	Excellent
8624	09/27/21 15:30:00	8.94	17.92					8.736098038	91.46266883			-0.20	-2.28	Excellent
8625	09/27/21 16:00:00	8.94	17.94					8.735171676	91.49054514			-0.20	-2.29	Excellent
8626	09/27/21 16:30:00	8.91	17.94					8.704935765	91.17385989			-0.21	-2.30	Excellent
8627	09/27/21 17:00:00	8.93	17.98					8.723550137	91.44388216			-0.21	-2.31	Excellent
8628	09/27/21 17:30:00	8.91	17.98					8.703089256	91.2294027			-0.21	-2.32	Excellent
8629	09/27/21 18:00:00	8.91	17.98					8.702166002	91.21972476			-0.21	-2.33	Excellent
8630	09/27/21 18:30:00	8.91	18.00					8.701242748	91.2474848			-0.21	-2.34	Excellent
8631	09/27/21 19:00:00	8.90	18.00					8.690554825	91.13540356			-0.21	-2.35	Excellent
8632	09/27/21 19:30:00	8.89	18.00					8.679868975	91.02334406			-0.21	-2.36	Excellent
8633	09/27/21 20:00:00	8.88	18.00					8.669185197	90.91130628			-0.21	-2.37	Excellent
8634	09/27/21 20:30:00	8.90	17.98					8.687788171	91.06901036			-0.21	-2.38	Excellent
8635	09/27/21 21:00:00	8.88	17.98					8.667344906	90.85471555			-0.21	-2.39	Excellent
8636	09/27/21 21:30:00	8.90	17.96					8.685943735	91.01230707			-0.21	-2.41	Excellent
8637	09/27/21 22:00:00	8.88	17.96					8.665504615	90.79814364			-0.21	-2.42	Excellent
8638	09/27/21 22:30:00	8.90	17.96					8.684099299	90.99298086			-0.22	-2.43	Excellent
8639	09/27/21 23:00:00	8.89	17.96					8.673420702	90.88108931			-0.22	-2.44	Excellent
8640	09/27/21 23:30:00	8.87	17.96				8.186	8.652988835	90.66700188		8.113	-0.22	-2.45	Excellent
8641	09/28/21 00:00:00	8.88	17.96	8.82	8.89	8.86375		8.661824032	90.75957808	8.624		-0.22	-2.46	Excellent
8642	09/28/21 00:30:00	8.87	17.94					8.651150616	90.61052436			-0.22	-2.47	Excellent
8643	09/28/21 01:00:00	8.87	17.94					8.650231507	90.60089778			-0.22	-2.48	Excellent
8644	09/28/21 01:30:00	8.88	17.94					8.659063595	90.69340342			-0.22	-2.49	Excellent
8645	09/28/21 02:00:00	8.89	17.94					8.667893611	90.78588734			-0.22	-2.50	Excellent
8646	09/28/21 02:30:00	8.88	17.96					8.657223304	90.71137113			-0.22	-2.51	Excellent
8647	09/28/21 03:00:00	8.88	17.98					8.656303158	90.73897135			-0.22	-2.52	Excellent
8648	09/28/21 03:30:00	8.88	17.98					8.655383012	90.729326			-0.22	-2.53	Excellent
8649	09/28/21 04:00:00	8.88	18.00					8.654462867	90.75691735			-0.23	-2.54	Excellent
8650	09/28/21 04:30:00	8.89	18.02					8.663287702	90.88673857			-0.23	-2.55	Excellent
8651	09/28/21 05:00:00	8.89	18.04					8.66236652	90.91435113			-0.23	-2.56	Excellent
8652	09/28/21 05:30:00	8.89	18.04					8.661445338	90.90468303			-0.23	-2.57	Excellent
8653	09/28/21 06:00:00	8.88	18.08					8.650782284	90.86723348			-0.23	-2.58	Excellent
8654	09/28/21 06:30:00	8.89	18.08					8.659602974	90.95988542			-0.23	-2.59	Excellent
8655	09/28/21 07:00:00	8.89	18.10					8.658681792	90.98747921			-0.23	-2.60	Excellent
8656	09/28/21 07:30:00	8.89	18.12					8.657760611	91.01506806			-0.23	-2.61	Excellent
8657	09/28/21 08:00:00	8.88	18.14					8.647101702	90.94024179			-0.23	-2.62	Excellent
8658	09/28/21 08:30:00	8.89	18.16					8.655918247	91.07023094			-0.23	-2.63	Excellent
8659	09/28/21 09:00:00	8.87	18.18					8.635525756	90.89286052			-0.23	-2.64	Excellent
8660	09/28/21 09:30:00	8.87	18.20					8.634606646	90.92036758			-0.24	-2.65	Excellent
8661	09/28/21 10:00:00	8.87	18.20					8.633687537	90.91068958			-0.24	-2.66	Excellent
8662	09/28/21 10:30:00	8.86	18.22					8.623035881	90.83566441			-0.24	-2.67	Excellent
8663	09/28/21 11:00:00	8.86	18.22					8.622117808	90.82599337			-0.24	-2.68	Excellent
8664	09/28/21 11:30:00	8.87	18.22					8.630930208	90.91882381			-0.24	-2.70	Excellent
8665	09/28/21 12:00:00	8.89	18.22					8.649469974	91.114123			-0.24	-2.71	Excellent
8666	09/28/21 12:30:00	8.87	18.22					8.629091989	90.89945988			-0.24	-2.72	Excellent
8667	09/28/21 13:00:00	8.88	18.22					8.637900245	90.99224667			-0.24	-2.73	Excellent
8668	09/28/21 13:30:00	8.86	18.22					8.617527442	90.77763813			-0.24	-2.74	Excellent
8669	09/28/21 14:00:00	8.87	18.24					8.626334661	90.90756543			-0.24	-2.75	Excellent
8670	09/28/21 14:30:00	8.88	18.24					8.635139808	91.00035739			-0.24	-2.76	Excellent
8671	09/28/21 15:00:00	8.88	18.24					8.634219663	90.99066054			-0.25	-2.77	Excellent
8672	09/28/21 15:30:00	8.87	18.24					8.623577333	90.87850766			-0.25	-2.78	Excellent
8673	09/28/21 16:00:00	8.86	18.24					8.612937075	90.76637662			-0.25	-2.79	Excellent
8674	09/28/21 16:30:00	8.85	18.26					8.60229889	90.6913183			-0.25	-2.80	Excellent
8675	09/28/21 17:00:00	8.84	18.26					8.591662778	90.57918513			-0.25	-2.81	Excellent
8676	09/28/21 17:30:00	8.83	18.26					8.581028738	90.46707381			-0.25	-2.82	Excellent
8677	09/28/21 18:00:00	8.83	18.24					8.580113773	90.42047229			-0.25	-2.83	Excellent
8678	09/28/21 18:30:00	8.84	18.22					8.588914775	90.47623029			-0.25	-2.84	Excellent
8679	09/28/21 19:00:00	8.84	18.22					8.587998774	90.46658108			-0.25	-2.85	Excellent
8680	09/28/21 19:30:00	8.83	18.22					8.577368879	90.35460501			-0.25	-2.86	Excellent
8681	09/28/21 20:00:00	8.83	18.22					8.576453914	90.34496671			-0.25	-2.87	Excellent
8682	09/28/21 20:30:00	8.83	18.22					8.57553895	90.33532841			-0.25	-2.88	Excellent
8683	09/28/21 21:00:00	8.83	18.20					8.574623985	90.28876433			-0.26	-2.89	Excellent
8684	09/28/21 21:30:00	8.82	18.18					8.563999271	90.14001154			-0.26	-2.90	Excellent
8685	09/28/21 22:00:00	8.82	18.16					8.563085342	90.09352185			-0.26	-2.91	Excellent
8686	09/28/21 22:30:00	8.83	18.16					8.571879091	90.18604222			-0.26	-2.92	Excellent
8687	09/28/21 23:00:00	8.84	18.14					8.580670768	90.24159785			-0.26	-2.93	Excellent
8688	09/28/21 23:30:00	8.84	18.12				8.329	8.579754767	90.19502839		8.223	-0.26	-2.94	Excellent
8689	09/29/21 00:00:00	8.83	18.10	8.79	8.85	8.82333		8.569134197	90.04649187	8.541		-0.26	-2.95	Excellent
8690	09/29/21 00:30:00	8.83	18.08					8.568219233	89.99999676			-0.26	-2.96	Excellent
8691	09/29/21 01:00:00	8.83	18.06					8.567304268	89.95351249			-0.26	-2.98	Excellent

8692	09/29/21 01:30:00	8.83	18.06					8.566389303	89.9439057			-0.26	-2.99	Excellent
8693	09/29/21 02:00:00	8.85	18.04					8.584875186	90.10105441			-0.27	-3.00	Excellent
8694	09/29/21 02:30:00	8.84	18.02					8.574258762	89.95273404			-0.27	-3.01	Excellent
8695	09/29/21 03:00:00	8.84	18.00					8.573342761	89.90623362			-0.27	-3.02	Excellent
8696	09/29/21 03:30:00	8.84	18.00					8.57242676	89.89662777			-0.27	-3.03	Excellent
8697	09/29/21 04:00:00	8.83	17.98					8.56181448	89.74850171			-0.27	-3.04	Excellent
8698	09/29/21 04:30:00	8.83	17.98					8.560899515	89.73891067			-0.27	-3.05	Excellent
8699	09/29/21 05:00:00	8.83	17.98					8.559984551	89.72931963			-0.27	-3.06	Excellent
8700	09/29/21 05:30:00	8.83	17.98					8.559069586	89.71972859			-0.27	-3.07	Excellent
8701	09/29/21 06:00:00	8.83	17.98					8.558154621	89.71013755			-0.27	-3.08	Excellent
8702	09/29/21 06:30:00	8.84	17.98					8.566930755	89.80213264			-0.27	-3.09	Excellent
8703	09/29/21 07:00:00	8.84	17.96					8.566014754	89.75567756			-0.27	-3.10	Excellent
8704	09/29/21 07:30:00	8.85	17.96					8.574787779	89.84760231			-0.28	-3.11	Excellent
8705	09/29/21 08:00:00	8.85	17.96					8.573870742	89.8379935			-0.28	-3.12	Excellent
8706	09/29/21 08:30:00	8.85	17.96					8.572953705	89.82838468			-0.28	-3.13	Excellent
8707	09/29/21 09:00:00	8.85	17.96					8.572036668	89.81877586			-0.28	-3.14	Excellent
8708	09/29/21 09:30:00	8.85	17.98					8.571119631	89.84604218			-0.28	-3.15	Excellent
8709	09/29/21 10:00:00	8.83	17.98					8.550834904	89.63340923			-0.28	-3.16	Excellent
8710	09/29/21 10:30:00	8.83	17.98					8.54991994	89.62381819			-0.28	-3.17	Excellent
8711	09/29/21 11:00:00	8.82	18.00					8.539323203	89.54948008			-0.28	-3.18	Excellent
8712	09/29/21 11:30:00	8.81	18.02					8.528728538	89.47507548			-0.28	-3.19	Excellent
8713	09/29/21 12:00:00	8.81	18.06					8.527815646	89.53889663			-0.28	-3.20	Excellent
8714	09/29/21 12:30:00	8.82	18.08					8.536581417	89.66767528			-0.28	-3.21	Excellent
8715	09/29/21 13:00:00	8.82	18.10					8.535667489	89.69481577			-0.28	-3.22	Excellent
8716	09/29/21 13:30:00	8.82	18.12					8.53475356	89.72195134			-0.29	-3.23	Excellent
8717	09/29/21 14:00:00	8.82	18.14					8.533839632	89.74908198			-0.29	-3.24	Excellent
8718	09/29/21 14:30:00	8.82	18.16					8.532925703	89.77620771			-0.29	-3.25	Excellent
8719	09/29/21 15:00:00	8.83	18.18					8.541685258	89.90514634			-0.29	-3.27	Excellent
8720	09/29/21 15:30:00	8.83	18.22					8.540770293	89.96907294			-0.29	-3.28	Excellent
8721	09/29/21 16:00:00	8.82	18.24					8.530183918	89.89429266			-0.29	-3.29	Excellent
8722	09/29/21 16:30:00	8.82	18.26					8.52926999	89.92139768			-0.29	-3.30	Excellent
8723	09/29/21 17:00:00	8.82	18.28					8.528356061	89.94849777			-0.29	-3.31	Excellent
8724	09/29/21 17:30:00	8.81	18.30					8.517773831	89.87357978			-0.29	-3.32	Excellent
8725	09/29/21 18:00:00	8.80	18.32					8.507193673	89.79859542			-0.29	-3.33	Excellent
8726	09/29/21 18:30:00	8.80	18.34					8.506281817	89.82561928			-0.29	-3.34	Excellent
8727	09/29/21 19:00:00	8.79	18.34					8.495704768	89.71392653			-0.29	-3.35	Excellent
8728	09/29/21 19:30:00	8.79	18.36					8.494793948	89.74091083			-0.30	-3.36	Excellent
8729	09/29/21 20:00:00	8.79	18.34					8.493883128	89.69469017			-0.30	-3.37	Excellent
8730	09/29/21 20:30:00	8.80	18.32					8.502634393	89.75046945			-0.30	-3.38	Excellent
8731	09/29/21 21:00:00	8.81	18.32					8.511383585	89.84282249			-0.30	-3.39	Excellent
8732	09/29/21 21:30:00	8.80	18.30					8.500810681	89.69459651			-0.30	-3.40	Excellent
8733	09/29/21 22:00:00	8.81	18.30					8.509557801	89.78688999			-0.30	-3.41	Excellent
8734	09/29/21 22:30:00	8.80	18.28					8.498986969	89.63874221			-0.30	-3.42	Excellent
8735	09/29/21 23:00:00	8.81	18.28					8.507732016	89.73097615			-0.30	-3.43	Excellent
8736	09/29/21 23:30:00	8.82	18.26				8.502	8.516474991	89.78650406		8.353	-0.30	-3.44	Excellent
8737	09/30/21 00:00:00	8.81	18.26	8.81	8.91	8.84292		8.505906232	89.67508097	8.516		-0.30	-3.45	Excellent
8738	09/30/21 00:30:00	8.82	18.26					8.514647134	89.76723354			-0.31	-3.46	Good
8739	09/30/21 01:00:00	8.82	18.24					8.513733206	89.72092886			-0.31	-3.47	Good
8740	09/30/21 01:30:00	8.82	18.22					8.512819278	89.67463499			-0.31	-3.48	Good
8741	09/30/21 02:00:00	8.83	18.20					8.521556035	89.72997137			-0.31	-3.49	Good
8742	09/30/21 02:30:00	8.84	18.16					8.530290721	89.74848466			-0.31	-3.50	Good
8743	09/30/21 03:00:00	8.84	18.12					8.52937472	89.66540605			-0.31	-3.51	Good
8744	09/30/21 03:30:00	8.83	18.10					8.518811142	89.51768528			-0.31	-3.52	Good
8745	09/30/21 04:00:00	8.83	18.06					8.517896177	89.43474589			-0.31	-3.53	Good
8746	09/30/21 04:30:00	8.83	18.04					8.516981212	89.38848509			-0.31	-3.54	Good
8747	09/30/21 05:00:00	8.84	18.02					8.525710717	89.44341545			-0.31	-3.56	Good
8748	09/30/21 05:30:00	8.86	17.98					8.544081582	89.5626181			-0.32	-3.57	Good
8749	09/30/21 06:00:00	8.86	17.94					8.543163508	89.47948771			-0.32	-3.58	Good
8750	09/30/21 06:30:00	8.86	17.90					8.542245435	89.39638496			-0.32	-3.59	Good
8751	09/30/21 07:00:00	8.86	17.86					8.541327362	89.31330985			-0.32	-3.60	Good
8752	09/30/21 07:30:00	8.85	17.84					8.530770001	89.16623187			-0.32	-3.61	Good
8753	09/30/21 08:00:00	8.87	17.80					8.549129467	89.28461408			-0.32	-3.62	Good
8754	09/30/21 08:30:00	8.87	17.78					8.548210358	89.23826529			-0.32	-3.63	Good
8755	09/30/21 09:00:00	8.87	17.76					8.547291249	89.19192737			-0.32	-3.64	Good
8756	09/30/21 09:30:00	8.86	17.76					8.536736996	89.08179257			-0.32	-3.65	Good
8757	09/30/21 10:00:00	8.87	17.76					8.54545303	89.17274535			-0.32	-3.66	Good
8758	09/30/21 10:30:00	8.86	17.76					8.534900849	89.06263218			-0.33	-3.67	Good
8759	09/30/21 11:00:00	8.86	17.78					8.533982776	89.08973774			-0.33	-3.68	Good
8760	09/30/21 11:30:00	8.84	17.80					8.513802706	88.91567169			-0.33	-3.69	Good
8761	09/30/21 12:00:00	8.83	17.82					8.503256742	88.84209231			-0.33	-3.70	Good
8762	09/30/21 12:30:00	8.84	17.86					8.511970704	89.0063388			-0.33	-3.71	Good
8763	09/30/21 13:00:00	8.83	17.90					8.501426813	88.96920954			-0.33	-3.72	Good
8764	09/30/21 13:30:00	8.83	17.92					8.500511849	88.99619677			-0.33	-3.73	Good
8765	09/30/21 14:00:00	8.84	17.94					8.509222701	89.12399808			-0.33	-3.74	Good
8766	09/30/21 14:30:00	8.84	17.96					8.508306701	89.15100601			-0.33	-3.75	Good
8767	09/30/21 15:00:00	8.85	17.98					8.517014445	89.27888911			-0.33	-3.76	Good
8768	09/30/21 15:30:00	8.85	18.02					8.516097408	89.34256202			-0.33	-3.77	Good
8769	09/30/21 16:00:00	8.83	18.04					8.495937025	89.16761951			-0.33	-3.78	Good
8770	09/30/21 16:30:00	8.83	18.06					8.495022061	89.19457616			-0.33	-3.79	Good
8771	09/30/21 17:00:00	8.84	18.08					8.503726696	89.32257151			-0.34	-3.80	Good
8772	09/30/21 17:30:00	8.84	18.12					8.502810696	89.38615064			-0.34	-3.81	Good
8773	09/30/21 18:00:00	8.83	18.14					8.492277167	89.31197591			-0.34	-3.82	Good
8774	09/30/21 18:30:00	8.83	18.18					8.491362202	89.37547315			-0.34	-3.84	Good
8775	09/30/21 19:00:00	8.82	18.20					8.480831782	89.3011546			-0.34	-3.85	Good
8776	09/30/21 19:30:00	8.81	18.22					8.470303434	89.22677011			-0.34	-3.86	Good
8777	09/30/21 20:00:00	8.83	18.24					8.488617308	89.45624806			-0.34	-3.87	Good
8778	09/30/21 20:30:00	8.81	18.24					8.46847765	89.24400875			-0.34	-3.88	Good
8779	09/30/21 21:00:00	8.83	18.24					8.486787379	89.43696358			-0.34	-3.89	Good
8780	09/30/21 21:30:00	8.84	18.26					8.495482689	89.56518885			-0.34	-3.90	Good
8781	09/30/21 22:00:00	8.85	18.24					8.504175926	89.62021065			-0.35	-3.91	Good
8782	09/30/21 22:30:00	8.86	18.24					8.512867091	89.71180142			-0.35	-3.92	Good
8783	09/30/21 23:00:00	8.89	18.24					8.540770516	90.00585822			-0.35	-3.93	Good
8784	09/30/21 23:30:00	8.91	18.22				8.660	8.559061593	90.16175478		8.466	-0.35	-3.94	Good