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**BEFORE THE
NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION**

**CONSIDERATION OF CHANGES TO THE
CURRENT NET METERING TARIFF
STRUCTURE, INCLUDING
COMPENSATION OF
CUSTOMER-GENERATORS**

DOCKET DE 22-060

**Direct Testimony of
Tim Woolf and Eric Borden**

**On Behalf of
The Office of the Consumer Advocate**

December 6, 2023

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1 **I. INTRODUCTION AND QUALIFICATIONS**

2 **Q Please state your name, title, and employer.**

3 **A Mr. Woolf:** My name is Tim Woolf. I am a Senior Vice President at Synapse Energy
4 Economics (“Synapse”), located at 485 Massachusetts Avenue #3, Cambridge, MA
5 02139.

6 **A Mr. Borden:** My name is Eric Borden. I am a Principal Associate at Synapse Energy
7 Economics (“Synapse”), located at 485 Massachusetts Avenue #3, Cambridge, MA
8 02139.

9 **Q Please describe Synapse Energy Economics.**

10 **A** Synapse is a research and consulting firm specializing in electricity and gas industry
11 regulation, planning, and analysis. Our work covers a range of issues, including economic
12 and technical assessments of demand-side and supply-side energy resources, energy
13 efficiency policies and programs, integrated resource planning, electricity market
14 modeling and assessment, renewable resource technologies and policies, and climate
15 change strategies. Synapse works for a wide range of clients, including attorneys general,
16 offices of consumer advocates, public utility commissions, environmental advocates, the
17 U.S. Environmental Protection Agency, the U.S. Department of Energy, the U.S.
18 Department of Justice, the Federal Trade Commission, and the National Association of
19 Regulatory Utility Commissioners. Synapse has over 35 professional staff with extensive
20 experience in the electricity industry.

1 **Q Please summarize your professional and educational experience.**

2 **A Mr. Woolf:** I have over 40 years of experience analyzing technical, economic, and policy
3 aspects of electric utility planning and regulation. In recent years, I have focused on many
4 topics related to power sector transformation, including energy efficiency, distributed
5 energy resources, performance-based regulation, new utility business models, grid
6 modernization, and distribution system planning. I also address a variety of related
7 ratemaking issues such as rate design, net metering rates, decoupling, and dynamic
8 pricing.

9 Before joining Synapse Energy Economics, I was a commissioner at the Massachusetts
10 Department of Public Utilities (DPU) from 2007 through 2011. In that capacity, I was
11 responsible for overseeing a substantial expansion of clean energy policies, including
12 significantly increased ratepayer-funded energy efficiency programs, an update of the
13 DPU energy efficiency guidelines, the implementation of decoupled rates for electric and
14 gas companies, the promulgation of net metering regulations, review and approval of
15 smart grid pilot programs, and review and approval of long-term contracts for renewable
16 power. I was also responsible for overseeing a variety of other dockets before the DPU,
17 including several electric and gas utility rate cases.

18 I have testified as an expert witness in more than 45 state regulatory proceedings and
19 have authored more than 60 reports on electricity industry regulation and restructuring. I
20 represent clients in collaboratives, task forces, and settlement negotiations, and I have
21 published articles on electric utility regulation in *Energy Policy*, *Public Utilities*

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1 *Fortnightly, The Electricity Journal, Local Environment, Utilities Policy, Energy and*
2 *Environment, and The Review of European Community and Environmental Law.*

3 I hold a Master's in Business Administration from Boston University, a Diploma in
4 Economics from the London School of Economics, as well as a Bachelor of Science in
5 Mechanical Engineering and a Bachelor of Arts in English from Tufts University. My
6 resume, attached as Schedule TWEB-1, presents additional details of my professional and
7 educational experience.

8 **A Mr. Borden:** I have over 10 years of experience in the energy and utility regulation space
9 and have testified as an expert witness in multiple jurisdictions across North America. At
10 Synapse, I conduct economic, environmental, and policy analysis of energy system
11 technologies, policies, planning, and regulations associated with both supply- and
12 demand-side resources. I have worked on numerous utility ratemaking, rate design, and
13 cost allocation proceedings, and I have previously testified on net energy metering.

14 I hold a Master's degree in Public Affairs with a concentration in Energy and
15 Environmental Policy from the University of Texas at Austin LBJ School. My
16 undergraduate degree is in finance and entrepreneurship from Washington University in
17 St. Louis. My resume, attached as Schedule TWEB-2, presents additional details of my
18 professional and educational experience.

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1 **Q Have you previously testified before the New Hampshire Public Utilities**
2 **Commission?**

3 **A Mr. Woolf:** Yes. I sponsored written testimony before the New Hampshire Public
4 Utilities Commission (the Commission) in Docket DE 99-099 Phase II on January 14,
5 2000, in Docket DE 20-161 on August 19, 2022, and in Docket DE 23-068 on September
6 12, 2023.

7 **A Mr. Borden:** No.

8 **Q On whose behalf are you testifying in this case?**

9 **A** We are testifying on behalf of the Office of the Consumer Advocate (OCA).

10 **Q What is the purpose of your testimony?**

11 **A** The purpose of our testimony is to review and analyze the currently applicable Net
12 Energy Metering (NEM) 2.0 residential tariff and recommend modifications to ensure the
13 compensation structure is in residential ratepayers' interest.¹ Our analysis is specific to
14 the Eversource service territory, which serves 71 percent of customers in New

¹ By "NEM 2.0," we mean the "alternative net metering tariff to be in effect for a period of years while further data is collected and analyzed, pilot programs are implemented, and a distributed energy resource (DER) valuation study is conducted," as approved by the Commission in Order No. 26,029 (2017) in Docket No. DE 16-576 at 1-2. "NEM 1.0" refers to the rate structure that applies to behind-the-meter systems installed prior to the effective date of the NEM 2.0 tariff. *See* Order No. 26,047 (2017) in Docket NO. DE 16-576 at 12-13 (discussing "grandfathering" issues and noting that systems on either NEM 1.0 or NEM 2.0 enjoy grandfathered status through December 31, 2040 pursuant to RSA 362-A:9, XV.

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1 Hampshire.² We expect our general findings to be applicable to the other New Hampshire
2 electric utilities, and our recommendations are relevant to all those utilities.

3 **Q How did you analyze the impacts of the NEM 2.0 tariff?**

4 **A** We created a spreadsheet model to estimate the rate and bill impacts of the NEM 2.0
5 compensation mechanism, and alternatives, on solar and non-solar customers in
6 Eversource’s service territory. We used the results of this model to support our
7 conclusions and recommendations.

8 **Q What materials did you rely on to develop your testimony?**

9 **A** The sources for our testimony and exhibits are relevant New Hampshire legislation,
10 previous Commission orders, the joint utility testimony in this docket, responses to
11 discovery requests, public documents, and our professional knowledge and experience.

12 **Q Was your testimony prepared by you or under your direction?**

13 **A** Yes. Our testimony was prepared by us or under our direct supervision and control.

² New Hampshire Department of Energy, No Date. “Electric.” <https://www.energy.nh.gov/utilities-providers/regulated-utility-services/electric#:~:text=Eversource%2C%20serves%20approximately%2071%20percent%20of%20the%20customers%20in%20New%20Hampshire.>

1 **II. SUMMARY OF CONCLUSIONS AND RECOMMENDATIONS**

2 **Q Please summarize your primary conclusions.**

3 **A** Our primary conclusions are as follows:

- 4 • Establishing a balanced distributed generation compensation mechanism is not a
5 “set it and forget it” endeavor. It requires consistent monitoring and periodic
6 changes to ensure that the mechanism continues to provide system benefits while
7 avoiding unreasonable levels of rate impacts for non-solar customers.
- 8 • Periodic evaluations of distributed generation compensation mechanisms should
9 be informed by quantitative analyses of the extent to which alternative
10 compensation mechanisms will (a) encourage customer adoption of distributed
11 generation, and (b) result in cost-shifting.
- 12 • Payback periods for solar adopters, i.e., the number of years after which the bill
13 savings from solar will equal the upfront costs of the installation, provide a useful
14 indication of how much customer adoption to expect from different compensation
15 mechanisms. We estimate that the payback period under NEM 2.0 for a typical
16 residential customer is roughly 13 years. This payback period appears to be
17 sufficient to encourage a reasonable number of residential customers to adopt
18 distributed PV. We estimate that by 2024 around 4.1 percent of residential
19 customers will have participated in the NEM 1.0 and NEM 2.0 programs.

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- 1 • We find that the rate impacts under NEM 2.0 are currently low and will remain
2 low for the next several years. We estimate that by 2024 NEM 2.0 will raise rates
3 by roughly 0.6 percent. By 2028, NEM 2.0 will raise rates by roughly 1.1 percent,
4 as solar penetration reaches around 7.8 percent of residential customers.
- 5 • Compensation rates to solar customers under NEM 2.0 are volatile and are likely
6 to increase over time. As compensation rates increase, the potential for rate
7 impacts on non-solar customers under NEM 2.0 also increase.
- 8 • We analyzed several alternative designs for the distributed generation
9 compensation mechanism. We focus on two key modifications to NEM 2.0:
10 (a) using a compensation rate structure based on hourly netting of customer
11 consumption and solar generation, as opposed to monthly, and (b) using a fixed
12 export rate equal to avoided utility costs. These two modifications could reduce
13 rate impacts of NEM 2.0 by 61 percent, while having a small (an additional two
14 years) impact on the payback period of solar distributed generation.

15 **Q Please summarize your primary recommendations.**

16 **A** Our primary recommendations are as follows:

- 17 • The Commission should keep the NEM 2.0 compensation mechanism in place for
18 the next two to three years, because rate impacts for non-solar customers are
19 expected to remain reasonable.

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- 1 • The Commission should require the joint utilities, by December 1, 2025, to
2 submit an analysis of whether and how to modify NEM 2.0. This analysis should
3 include a proposal for modifications that would maintain an appropriate level of
4 customer adoption and a reasonable level of cost-shifting. This analysis should
5 include quantitative forecasts of customer payback periods and rate impacts for
6 several promising alternative compensation mechanisms. At a minimum, this
7 analysis should include a proposal for a net billing tariff with hourly netting and a
8 fixed compensation rate for solar distributed generation exports based on avoided
9 costs. This mechanism better aligns power flows with compensation and hedges
10 the price volatility of supply rates for both solar and non-solar customers.
- 11 • After the review in 2025, the Commission should periodically review solar
12 distributed generation compensation structures as authorized by RSA 362-A:9,
13 XVI(a) to determine whether they are resulting in an appropriate level of
14 customer adoption and a reasonable level of cost-shifting. This review should
15 include quantitative forecasts of payback periods and rate impacts associated with
16 alternative distributed generation compensation mechanisms. At minimum, this
17 review should occur every three years.

1 **III. OVERVIEW OF NET ENERGY METERING IN NEW HAMPSHIRE**

2 **Q Please describe the net metering rates currently available to residential solar**
3 **customers.**

4 **A** Customers with less than 100kW of solar photovoltaics (PV) installed are on one of two
5 rates, which we refer to as NEM 1.0 and NEM 2.0, also known as the Standard Net
6 Metering Tariff and Alternative Net Metering Tariff, respectively. All residential NEM
7 customers are on Rate R,3 which consists of fixed charges and volumetric charges as
8 shown below.

³ NHPUC No. 10 – Electricity Delivery, Public Service Company of New Hampshire DBA Eversource Energy, Tariff for Electric Delivery Service in Various towns and cities in New Hampshire, serviced in whole or in part, 8th Revised (“Eversource Rates Tariff”), p. 41.

1 **Table 1: Summary of Eversource Residential Rate R⁴**

Type	By-passable	Component Charge Name	Value	Unit
Fixed	<i>Non-by-passable</i>	Customer	13.81	\$/month
Volumetric	<i>By-passable</i>	Energy	12.582	¢/kWh
		Distribution	5.357	¢/kWh
		Transmission	2.965	¢/kWh
		Regulatory Reconciliation	0.047	¢/kWh
		Pole Plant	0.270	¢/kWh
	<i>Non-by-passable⁵</i>	System Benefit	0.905	¢/kWh
		Stranded Cost	0.694	¢/kWh

2
 3 Net Energy Metering means that a meter “runs forwards” when electricity is being
 4 consumed by the home and “runs backwards” when electricity is being exported to the
 5 grid. At the end of the month, a customer will either have a positive net usage and pay the
 6 retail rate for that usage or have a negative net usage and receive credits for excess
 7 generation in that month. While a traditional NEM rate provides these credits at the retail
 8 rate, NEM 2.0 credits customers for a portion of the rate: the sum of the default service
 9 rate, the transmission rate, and 25 percent of the distribution rate. This equates to about
 10 74 percent of the full retail rate.⁶ Customers with a credit balance of more than \$100 at

⁴ 2023 Summary of Electric Rates, October 1, 2023, p. 1.

⁵ Eversource Tariff, Original Page 24A

⁶ Compensation of \$0.17354/kWh is 74 percent of the retail rate of \$0.23388.

1 the end of the March billing cycle can cash these credits out by receiving cash payment
2 equal to the credit balance.⁷

3 In addition, as shown in the table, some volumetric charges are by-passable, meaning that
4 even if they are incurred by a customer, they can be netted from a customer’s bill due to
5 solar generation.⁸ For Eversource, the Stranded Cost Recovery Charge and System
6 Benefits Charge are non-by-passable, meaning that they are applied to the full amount of
7 electricity consumption without any netting from PV production.⁹

8 **Q What is the position of the Joint Utilities regarding the future of NEM 2.0?**

9 **A** The Joint Utilities find that “the current net metering tariffs result in just and reasonable
10 rates.”¹⁰ Moreover, the Joint Utilities “do not believe the current net metering structure is
11 creating a clear or significant imbalance between the interests of net metered and non-
12 metered customers,”¹¹ and therefore do not recommend significant modifications to the

⁷ NHPUC No. 10 – Electricity Delivery, Public Service Company of New Hampshire DBA Eversource Energy, Original Page 24A.

⁸ RSA 362-A:9 sets forth the requirements applicable to distributed generation customers.

⁹ NHPUC No. 10 – Electricity Delivery, Public Service Company of New Hampshire DBA Eversource Energy, Original Page 24A and Original Page 24B.

¹⁰ Joint Testimony of Edward A. Davis, Brian J. Rice, and Dawn Coskren on behalf of Eversource Energy, Karen M. Asbury and John J. Bonazoli on behalf of Unitil, and Dilip K. Kommineni and Laura Sasso on behalf of Liberty, (tab 49) (“Joint Utility Testimony”) at 24, lines 12-14.

¹¹ Joint Utility Testimony at 11, lines 18-21.

1 rate structures currently.¹² However, the Joint Utilities do propose that Distributed
2 Generation customers pay an application fee for an as-yet determined amount.¹³

3 **Q Do you have a recommendation regarding the Joint Utilities proposed application**
4 **fee?**

5 **A** The utilities have not presented sufficient information upon which to determine the
6 reasonableness of a proposed solar fee. We recommend each utility present and justify a
7 specific proposal in its next rate case so that the Commission can consider the issue
8 holistically.

9 **Q How did the Joint Utilities reach the conclusion that net metering tariffs result in**
10 **just and reasonable rates?**

11 **A** The Joint Utilities do not provide any quantitative evidence supporting their claims that
12 the current NEM tariffs are just and reasonable, or that the interests of NEM and non-
13 NEM customers are balanced.

¹² Joint IOU Testimony, p. 12, lines 20–21.

¹³ Joint IOU Testimony, p. 17, lines 10–14. Joint Utility Response to Data Request TS-005 Attachment TS-005 provides an illustrative example with a potential fee of \$200 for customers who install a project less than 30kW in size, which would apply to residential customers.

1 **IV. NET ENERGY METERING COMPENSATION IS NOT APPROPRIATE OVER**
2 **THE LONG TERM**

3 **Q Do you have concerns regarding NEM as a compensation mechanism?**

4 **A** Yes. NEM is not appropriate for distributed generation compensation at high levels of
5 penetration primarily due to the financial impact on non-solar customers. Under
6 traditional net metering, a customer's generation is compensated at the retail rate. NEM
7 2.0 modifies this slightly, with reduced compensation for monthly excess generation (at
8 25 percent of the distribution rate) and certain non-by-passable charges. However, most
9 generation is still compensated at the full retail rate for three primary reasons. First, under
10 monthly netting, we calculate that 81 percent of solar generation is netted from load over
11 the course each month on average, so the reduced compensation applies to only 19
12 percent of generation. Second, as shown in Table 1 above, the distribution portion of the
13 rate is only 23 percent of the total volumetric charge, further mitigating the impact of
14 reduced compensation for excess generation. Third, NEM 2.0 allows for credit balances
15 above \$100 to be cashed out on an annual basis, which decreases the effect of non-by-
16 passable charges and reduced compensation for excess generation on a monthly basis.¹⁴
17 Compensation for solar generation at or near the retail rates can cause rate and bill
18 increases for non-solar customers, primarily for two reasons: compensation levels at the
19 retail rate that may be higher than the financial benefit to all residential ratepayers in

¹⁴ Eversource Rates Tariff, p. 24A.

1 terms of avoided costs from that generation (such as energy and capacity), and reduced
2 sales volumes over which utilities recover their costs (referred to as “lost revenues”).

3 **Q Why may the retail rate be higher than the avoided costs?**

4 **A** Distributed generation installed by customers avoids certain marginal, or incremental,
5 costs that would otherwise be incurred by the utility, such as energy and capacity costs.
6 The costs that can be avoided by distributed generation (or any type of distributed energy
7 resource) are forward-looking, meaning they represent only those costs that can be
8 avoided in the future due to incremental reductions in load. By contrast, the retail rate
9 that is used as the basis of compensation under NEM includes costs that *cannot* be
10 avoided, namely historical or embedded costs. For example, most of the costs incurred by
11 the utility for poles, wires, and other distribution and transmission assets that are built to
12 serve customers, once approved by the Commission, cannot be avoided by DERs through
13 reductions in load. The difference between retail rates—which includes embedded costs -
14 and forward-looking marginal costs that can be avoided by distributed resources—is the
15 “cost shift” or rate impact for non-solar customers. The degree to which non-solar
16 customers are impacted by this depends on the exact rate or compensation structure in
17 place¹⁵ and the level of solar penetration in the utility service territory. As solar
18 distributed generation penetration increases under NEM, the embedded costs included in

¹⁵ If avoided costs of solar generation are greater than the retail rate at a certain time, then a cost shift would occur from non-solar customers to solar customers. In this instance the solar customer would provide value to the grid above their compensation.

1 utility revenue requirements that were previously paid by all customers may increasingly
2 be shouldered by non-solar customers.

3 **Q How do reduced sales volumes impact customers?**

4 **A** Energy sales decline with NEM participation, resulting in fewer sales over which to
5 recover costs. To recover its revenue requirement, the utility has to increase rates for all
6 customers. This rate increase may be exacerbated by the mismatch between retail rates
7 and marginal avoided costs discussed previously, as rates go up by more than avoided
8 costs.

9 **Q Does NEM impact equity?**

10 **A** Yes, there may be equity implications related to NEM compensation. Relatively high-
11 income customers tend to adopt solar at higher rates than low- and middle-income
12 customers,¹⁶ meaning that the rate impacts of NEM compensation described above are
13 disproportionately shouldered by lower-income customers. As stated in a recent report by
14 the National Academy of Sciences (NAS), “to the extent that there is cost-shifting from
15 net metering participants to net metering non-participants in particular states and utility
16 systems, less affluent customers and disadvantaged communities risk bearing a

¹⁶ O’Shaughnessy et al., *The impact of policies and business models on income equity in rooftop solar adoption*, January 2021, Nature Energy, https://www.nature.com/articles/s41560-020-00724-2.epdf?sharing_token=Yde5Na6qvUiiNWwsOr59jtRgN0jAjWel9jnR3ZoTv0PmwxL3pqa1MWIggkx-XFmHfRiaNCdBbC0VLBykoLWLTWf18epCYzGB85VktXZrGBfUb0CdKJzLHxZWgTxT-Ub23FAkaz-Z_kP_miTmYIU5xfXbOv1ADns7D1k2lcKQ5oQ%3D.

1 disproportionate share of the cost as they are more likely to be non-participants.”¹⁷
2 Effectively, the already regressive nature of utility bills can be exacerbated with high
3 levels of solar adoption coupled with continued NEM compensation.

4 **Q Are there any advantages of NEM over other compensation structures?**

5 **A** Yes. NEM is relatively simple to explain to the solar customers and the public.
6 Customers can easily understand how it functions and solar installers can fairly easily
7 estimate annual savings based on a match of expected generation with retail rate
8 compensation. Second, rates of compensation are generally high with NEM
9 compensation, which may be appropriate as the solar industry becomes established in a
10 state and to support certain policy goals associated with solar distributed generation.

11 **Options to Evolve Solar Compensation to Be More Equitable**

12 **Q Should New Hampshire plan to transition from NEM to other compensation**
13 **structures?**

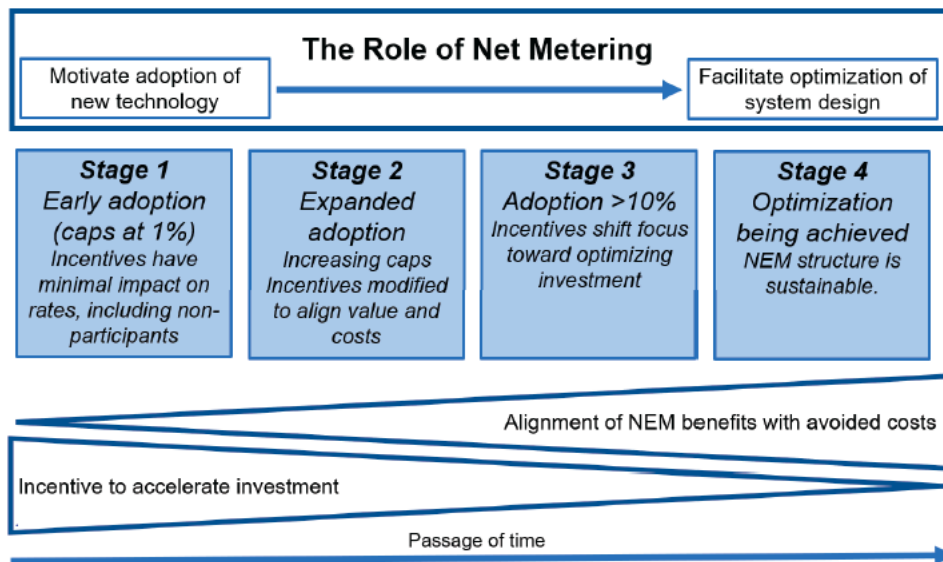
14 **A** As noted above, at relatively low levels of solar penetration, NEM structures can be
15 helpful to allow the solar market the ability to establish itself and to avoid unnecessary
16 administrative burden. However, over time, rate increases associated with NEM are likely
17 to become unreasonable. As this occurs, compensation levels should move towards
18 avoided costs, while also considering the cost of installing solar. More precisely, if it is

¹⁷ National Academies of Sciences, Engineering, and Medicine. 2023. *The Role of Net Metering in the Evolving Electricity System*. Washington, DC: The National Academies Press <https://doi.org/10.17226/26704> (referred to herein as “NAS Study”), at 94.

1 possible to set compensation levels that better reflect avoided costs but at a level
2 sufficient to support continued distributed generation adoption, solar distributed
3 generation will provide net benefits to ratepayers while mitigating rate impacts.

4 This concept is illustrated in the graphic below, which was recently published by the
5 National Academies of Sciences. The figure shows how compensation for solar
6 distributed generation should evolve over time as adoption levels increase. At low levels
7 of penetration, NEM is appropriate due to having minimal impact on rates while
8 encouraging solar adoption. However, as adoption increases, jurisdictions should shift
9 towards compensation at avoided costs.

10 **Figure 1: Illustrative Evolution of Net Metering for Solar Compensation**



11 Source: National Academies of Sciences, Engineering, and Medicine. 2023. *The Role of Net Metering*
12 *in the Evolving Electricity System*. Washington, DC: The National Academies Press
13 <https://doi.org/10.17226/26704> (referred to herein as “NAS Study”), p. 12.
14

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1 Based on our analysis in Section V, the Eversource service territory, with 2 percent of
2 residential customers on NEM in 2022, may be reasonably considered in Stage 2 of
3 adoption, a later stage of evolution than the introductory phase.

4 **Q Please describe the various credit options for exports under net billing.**

5 **A** As discussed above, New Hampshire's NEM 2.0 structure compensates generation at the
6 full retail rate, other than the non-by-passable System Benefit charge and Stranded Cost
7 charge, unless total generation exceeds total consumption over the course of the billing
8 period (approximately one month). If generation exceeds consumption, the excess
9 generation is credited at 25 percent of the distribution rate plus the full retail rate for other
10 rate components.

11 There are several ways in which the compensation level for exports can be adjusted to
12 continue to support solar distributed generation while mitigating rate impacts. First, the
13 wholesale energy price is likely the lowest option as it represents just the value that
14 would be awarded any market resource. The second option is utility-system avoided
15 costs. These include both energy costs and broader ratepayer impacts due to solar
16 generation such as distribution and transmission capacity, as well as demand reduction
17 induced price effect (DRIPE). Third, a value-of-solar rate of compensation includes
18 utility-system avoided costs but also may incorporate additional benefits of solar such as
19 greenhouse gas reductions, air quality improvements, and other societal benefits resulting
20 from greater solar adoption.

1 **Q How should the Commission select among these various options?**

2 **A** We recommend that the Commission set compensation rates based on consideration of
3 two primary indicators: (1) the expected payback period for solar adopters, which is an
4 indicator of the financial viability of solar for such customers, and (2) the expected rate
5 impacts on non-solar customers. Understanding the expected payback period will allow
6 the Commission to set compensation rates at a level that supports the continued adoption
7 of cost-effective distributed generation in New Hampshire. An analysis of bill impacts on
8 non-adopters will enable the Commission to ensure that non-solar customers do not
9 experience burdensome rate increases. In the following section we describe these
10 indicators in more detail and quantify them for Eversource’s territory.

11 We also recommend that these indicators be examined periodically over time as
12 electricity rates, avoided costs, and solar costs change. Importantly, establishing a
13 balanced distributed generation compensation mechanism is not a “set it and forget it”
14 endeavor; it requires periodic revisiting to ensure assumptions were correct and to
15 monitor changes in the market and utility landscape. For example, if solar costs plunge
16 below expected levels, and/or supply costs increase more than expected, then the
17 compensation mechanism would become unduly generous to solar customers, which
18 could increase rate impacts to levels that are unreasonable.

1 **V. SOLAR ADOPTION AND RATE IMPACTS OF NEM 2.0**

2 **Current and Forecast Solar Distributed Generation Adoption Rates**

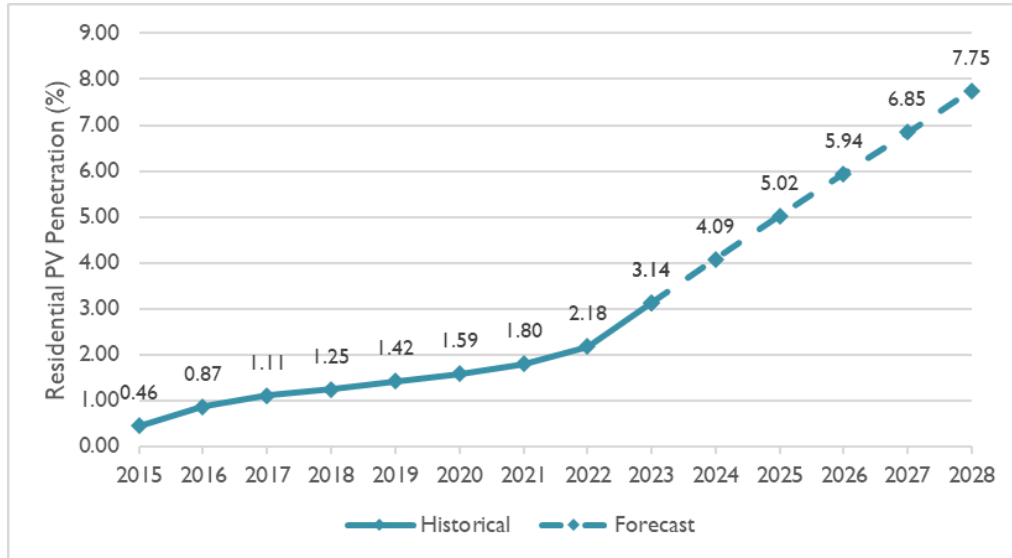
3 **Q What are the historical and near-term solar adoption rates in Eversource’s service**
4 **territory?**

5 **A** The number of residential solar customers on Eversource’s system has increased by an
6 average of 1,132 customers per year from 2015 to 2022. In 2022, the solar penetration
7 rate, defined as the total number of residential solar customers divided by the total
8 number of residential customers, equaled approximately 2 percent.

9 In Figure 2 we provide an illustrative forecast of solar distributed generation penetration
10 over the next five years if current conditions continue.¹⁸ We assume that the number of
11 incremental solar customers from 2022 to 2023 remains constant from 2023 through
12 2028. This suggests that roughly 7.8 percent of residential customers will have installed
13 solar by 2028. (Our forecast is meant to be illustrative of potential near-term growth in
14 solar distributed generation; the actual growth could vary as conditions change.)

¹⁸ Residential customer count sourced from EIA Annual Electric Power Industry Report Form 861, <https://www.eia.gov/electricity/data/eia861/>. Residential solar customer count sourced from EIA Monthly Electric Power Industry Report – Net Metering, <https://www.eia.gov/electricity/data/eia861m/>.

1 **Figure 2: Historical and Forecast Residential Solar PV Customers as a**
 2 **Percentage of Total Residential Customers**



3

4 **Payback Period**

5 **Q Please define payback period.**

6 **A** The payback period is the length of time required for a customer to recover the
 7 investment in their solar installation based on the compensation structure in place. It is
 8 calculated as the following ratio:

9 *Payback Period (Years)*

10
$$= \frac{\text{Upfront Cost of Solar Installation (\$)}}{\text{Annual Bill Savings Attributable to Solar Installation } \left(\frac{\$}{\text{year}}\right)}$$

11 **Q How does the payback period inform customer decisions to install solar?**

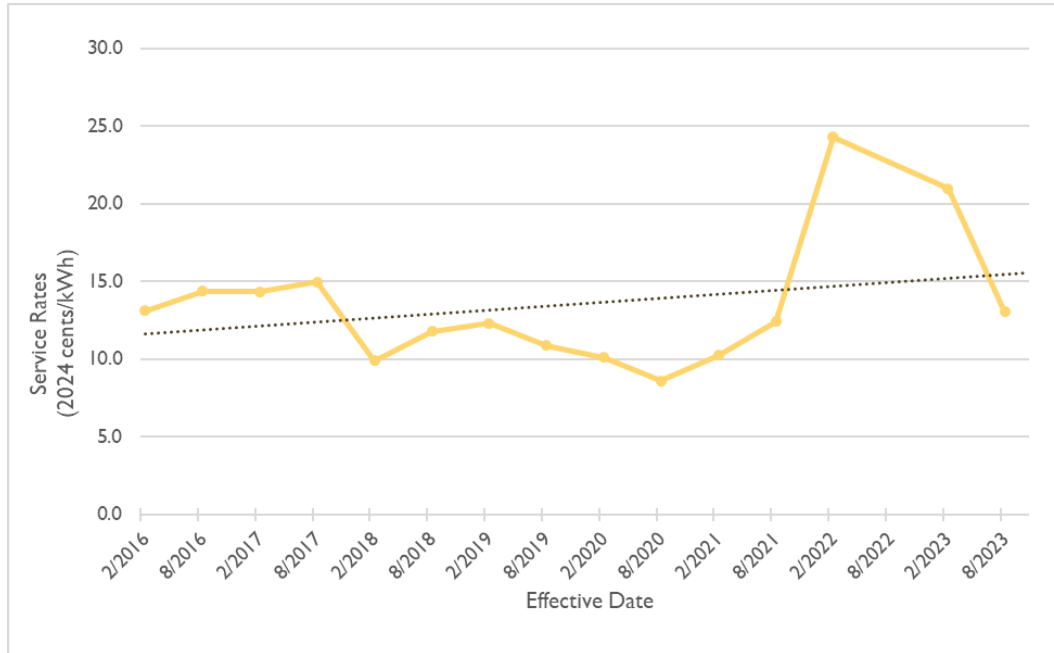
12 **A** Customers use the payback period to gauge whether an investment in solar panels is a
 13 prudent financial investment. However, it is important to recognize that the payback

1 period does not include other factors that may motivate a consumer's decision to install
2 solar panels, such as a desire to reduce the environmental impacts of electricity
3 consumption.

4 **Q How does the default service price affect the payback period?**

5 **A** The default service price plays an important role in a solar customer's payback period.
6 Since NEM 2.0 generally provides compensation at the retail rate, a higher supply rate
7 will, all else equal, decrease the payback period for a solar system, and vice versa. Figure
8 3 presents Eversource's default service prices from 2016 through 2023. As indicated, the
9 default service price has been volatile in recent years, particularly during 2022 and the
10 beginning of 2023. Transmission and distribution rates tend to increase more slowly over
11 time, which increases the financial attractiveness of solar through a small but steadily
12 decreasing payback period for solar PV adoption.

1 **Figure 3: Default Service Price for Eversource¹⁹**



2

3 **Q How does the cost of solar distributed generation affect the NEM payback period?**

4 **A** As the up-front cost of solar decreases, then the payback period proportionately
5 decreases. The cost of solar distributed generation has declined significantly in the past
6 and is expected to continue to decline in the future.

¹⁹ The values for these figures come from the set of orders issued for Eversource which set the supply rate for successive six-month periods. The most recent is Order No. 26,851 (June 22, 2023) in Docket No. DE 23-043.

Adjustments for inflation were made using the Consumer Price Index for All Urban Consumers: All Items in U.S. City Average, Seasonally Adjusted (Code CPIAUCSL) from the Federal Reserve Economic Data Consumer Price Index for All Urban Consumers: All Items in U.S. City Average (CPIAUCSL) | FRED | St. Louis Fed (stlouisfed.org). The most recent value was September 1, 2023. The 2023 inflation was set at the year-to-date average for 2023. Inflation for 2024 was assumed to occur at the same rate as 2023.

1 **Q Please describe your model to estimate payback period.**

2 **A** As described in the equation above, the payback period is composed of the initial cost of
3 installation and the ongoing net savings to the customer from installing the solar panels.
4 Estimates for the upfront costs of solar come from Lawrence Berkeley National Lab’s
5 Tracking the Sun 2023 Edition.²⁰ These costs were estimated to change over time
6 according to trends from the National Renewable Energy Laboratory’s Annual
7 Technology Baseline Cost Trends.²¹ We also incorporated current federal tax credits for
8 solar installations.²²

9 The annual savings due to solar installations are composed of bill savings and operation
10 and maintenance expenses for the solar panels. We estimated bill savings using load
11 profiles provided by Eversource,²³ generation profiles used by Dunksy Energy & Climate
12 Advisors (Dunksy) in its calculation of the Value of DER,²⁴ and the most recent

²⁰ Galen Barbose et al., 2023. Tracking the Sun, Lawrence Berkely National Lab, <https://emp.lbl.gov/tracking-the-sun>.

²¹ Brian Mirlletz et al., 2023. Annual Technology Baseline, National Renewable Energy Laboratory, https://atb.nrel.gov/electricity/2023/residential_pv.

²² U.S. Department of Energy, Solar Energy Technologies Office, 2023. Homeowner’s Guide to the Federal Tax Credit for Solar Photovoltaics, <https://www.energy.gov/eere/solar/homeowners-guide-federal-tax-credit-solar-photovoltaics>.

²³ Eversource Response to CENH 1-003(a), Attachment CENH 1-003(a), Docket DE 22-060, Date of Response October 12, 2023.

²⁴ Dunksy Energy + Climate Advisors, New Hampshire Value of Distributed Energy Resources Study Model Updated May 2023, <https://www.energy.nh.gov/value-distributed-energy-resources-study>. Residential Solar South-Facing Generation Profile.

1 residential rates from Eversource’s current tariff.²⁵ Operating and maintenance expenses
2 for solar came from estimates provided by NREL’s Annual Technology Baseline.²⁶

3 Additionally, we forecast rate increases using historical retail price data for New
4 Hampshire from the U.S. Energy Information Administration (EIA).²⁷

5 **Q What is the payback period on NEM 2.0 for Eversource’s service territory?**

6 **A** We calculated the payback period using the following assumptions:

- 7
- 8 • Future default service prices over the life of the solar facility are modeled at three
9 different values to reflect the uncertainty in forecasting these prices: (a) the
10 current value, (b) a historical average over the period of 2016–2024, and (c) the
11 high rate experienced in 2022.
 - 12 • The cost of solar distributed generation in 2024 is set at the current cost, and the
13 cost of solar distributed generation in 2028 is set at a lower cost to reflect
declining costs over time.

²⁵ Eversource 2023 Summary of Electric Rates, Last Updated: October 1, 2023.

²⁶ Brian Mirlitz et al., 2023. Annual Technology Baseline, National Renewable Energy Laboratory,
https://atb.nrel.gov/electricity/2023/residential_pv

²⁷ U.S. EIA Electricity Browser, Report 5.3 Average retail price of electricity to ultimate consumers: New
Hampshire Residential, <https://www.eia.gov/electricity/data/browser/>.

1 **Table 2: NEM 2.0 Payback Period**

Year Installed	Solar Cost (\$ / Watt)	Supply Rate (2024 c/kWh)	Payback Period (Years)
2024	\$3.64	Current (13.05 c/kWh)	13
		Historical Average (13.42 c/kWh)	13
		High (24.29 c/kWh)	9
2028	\$3.08	Current (13.05 c/kWh)	12
		Historical Average (13.42 c/kWh)	11
		High (24.29 c/kWh)	8

2

3 As indicated, the payback period of solar in 2024 ranges between 9 and 13 years,
 4 depending on the default service prices over the life of solar technologies. By 2028, as
 5 solar distributed generation prices decline, the payback would be a little shorter, ranging
 6 from roughly 8 to 12 years.

7 **Rate and Bill Impacts**

8 **Q How did you analyze the rate and bill impacts of solar compensation under NEM**
 9 **2.0?**

10 **A** Rate impacts of NEM are driven by two primary factors. First, the “lost revenues” from
 11 reduced electricity sales will create upward pressure on rates for non-solar customers.
 12 Second, avoided utility costs of solar distributed generation create downward pressure on
 13 rates.

1 **Q Please describe your model to calculate rate and bill impacts.**

2 **A** We used the same assumptions as our payback period estimates. However, the rate and
3 bill impact analysis also requires an estimate of avoided costs due to solar distributed
4 generation. We derived these values primarily from the 2021 Avoided Energy Supply
5 Components (AESC) study,²⁸ which predominately matches assumptions provided by
6 Dunsky in its NH VDER study. Avoided costs from solar distributed generation include
7 generation capacity, transmission capacity, distribution capacity and operational
8 expenditures, line losses, and demand reduction induced price effect (DRIPE). Our
9 analysis also removes the portion of the supply rate that is attributable to avoided energy
10 costs. This was estimated by identifying the portion of default service rates associated
11 with generation capacity, which we identified based on wholesale market costs for 2016–
12 2023 as reported in the ISO New England annual internal market monitor assessments.²⁹
13 Additionally, we estimated avoided Regional Network Services (RNS) transmission
14 charges through an examination of solar production during ISO New England peak
15 hours.³⁰ We calculated bill impacts by applying the rate impacts to average monthly
16 consumption for the residential rate class.

²⁸ AESC 2021, Synapse et al., <https://www.synapse-energy.com/project/aesc-2021-materials>.

²⁹ ISO New England, 2023. *ISO New England Monthly Wholesale Load Cost Analysis*, https://www.iso-ne.com/static-assets/documents/2023/02/lcm_jan2023_13feb23.csv.

³⁰ We assume the same south-facing solar profile as the rest of our analysis. Peak hours based on 2022 data from ISO-NE, *Energy, Load, and Demand Reports*, <https://www.iso-ne.com/isoexpress/web/reports/load-and-demand/-/tree/net-ener-peak-load>.

1 **Q Do avoided energy costs create downward pressure on rates?**

2 **A** Avoided energy costs do not create downward pressure on rates because this value is
3 simply passed through to the solar customer as compensation, so it has no impact on
4 rates.

5 **Q What are the rate and bill impacts for an average residential customer under the**
6 **current NEM 2.0 tariff in 2024?**

7 **A** To assess the impact of the NEM 2.0 tariff on solar and non-solar customers, we assume
8 all historical and forecast customers subscribe to NEM 2.0. Our estimated rate and bill
9 impacts for the cumulative amount of solar distributed generation installed from 2024
10 through 2028 are provided in Table 3.

11 **Table 3: NEM 2.0 Rate and Bill Impacts from 2024 through 2028**

Year	2024	2025	2026	2027	2028
Rate Impact (c/kWh)	0.16	0.20	0.24	0.28	0.31
Bill Impact (\$/Month)	1.02	1.22	1.47	1.74	1.91
Percent Bill Impact (%)	0.64%	0.76%	0.91%	1.06%	1.16%

12
13 The table shows that we estimate average customers in Eversource's territory will
14 experience a 0.64 percent bill impact due to NEM 2.0 in 2024 (a 0.16 cent per kWh rate
15 impact that results in about a \$1 per month bill increase for average non-solar customers).
16 We expect these impacts to grow over time and approach 1.16 percent in 2028 (a 0.31
17 cent rate impact or \$1.91 per month increase for non-solar customers).

1 **Q Please summarize your conclusions from the payback period and rate and bill**
2 **impact analyses.**

3 **A** We find that the rate impacts under NEM 2.0 are currently low and will remain low for
4 the next several years. We estimate that by 2024 NEM 2.0 will raise rates by roughly 0.6
5 percent. By 2028, NEM 2.0 will raise rates by roughly 1 percent, as solar penetration
6 reaches around 8 percent of residential customers. We also find that the payback period
7 under NEM 2.0 for a typical residential customer is roughly 13 years. This payback
8 period appears to be sufficient to encourage a reasonable number of residential customers
9 to adopt distributed PV. We estimate that by 2024 roughly 4.1 percent of residential
10 customers will have participated in the NEM 1.0 and NEM 2.0 programs.

11 Overall, while we believe these are relatively modest rate impacts on non-solar
12 customers, we recommend that the Commission begin to consider changes to NEM that
13 are more sustainable for the long term, while maintaining a reasonable payback period for
14 solar customers in order to incentivize customer investment. The goal is to find a
15 reasonable tradeoff between the tension of rate impacts for non-solar customers on the
16 one hand and solar customer payback periods on the other. As stated throughout this
17 testimony, the issue requires periodic, consistent vigilance to monitor energy and solar
18 market conditions, and to adjust compensation mechanisms over time as factors change.

1 **VI. HOURLY NETTING AND A FIXED COMPENSATION RATE FOR SOLAR**
2 **EXPORTS**

3 **Q Why are you introducing the concepts of hourly netting and fixed compensation**
4 **rates?**

5 **A** These two modifications to a NEM compensation mechanism can significantly reduce the
6 likely rate impacts of solar distributed generation. If designed properly, they could be
7 important modifications to NEM 2.0 and could be used to strike a balance between
8 reducing rate impacts while maintaining reasonable customer adoption of solar.

9 **Q Please describe how a solar distributed generation compensation mechanism can be**
10 **applied using hourly netting.**

11 **A** Under NEM 2.0, distributed generation solar exports are determined on a monthly basis,
12 where the exports (the difference between solar generation and customer consumption)
13 are calculated at the end of each month. Instead, the distributed generation solar exports
14 could be determined on an hourly basis, where the net exports are calculated for every
15 hour. This compensation is currently applied in New Hampshire for large solar
16 customers.

17 **Q Does hourly netting provide advantages over monthly netting?**

18 **A** Yes. Hourly netting provides a more accurate depiction of the portion of solar generation
19 that is exported to the grid relative to what is used to offset the host customer's
20 consumption. For example, if a solar customer consumes 1 kWh at 11:00 p.m. and
21 exports 1 kWh to the grid at 12:00 p.m., under current monthly netting the customer is
22 assumed to have exported zero kilowatt-hours, but under hourly netting the customer is

1 assumed to have exported 1 kWh and reduced consumption by 1 kWh. Hourly netting
2 provides a more accurate accounting of the actual power flows in and out of a household
3 and the impact of those power flows on the grid and non-solar customers.

4 **Q Why is it important to develop an accurate depiction of the portion of distributed**
5 **generation solar that is exported to the grid?**

6 **A** As described above, residential solar customers are compensated at lower rates for solar
7 exports than they are for solar generation that offsets their consumption. With hourly
8 netting, the compensation rates are more accurately tied to the amount of exports,
9 resulting in a compensation mechanism that is fairer for both solar and non-solar
10 customers. Hourly netting will typically result in a much larger portion of solar
11 distributed generation being exported to the grid. For example, under current monthly
12 netting, we estimate that 24 percent of solar generation by an average residential
13 customer is exported, while under hourly netting 59 percent of solar is exported. In sum,
14 hourly netting provides a more accurate depiction of the actual solar distributed
15 generation exports and will result in a lower amount of compensation to solar customers,
16 which will in turn result in lower rate impacts of NEM.

17 **Q Please explain how the solar distributed generation compensation mechanism could**
18 **be designed so that exports are compensated at a fixed amount.**

19 **A** Under NEM 1.0 and 2.0, the compensation mechanism is based on portions of the
20 electricity rates, which will change over time. While rates can increase and decrease over
21 time, especially the default service prices, they generally increase over time. The costs of
22 installing solar distributed generation, on the other hand, are typically incurred up front

1 and do not change after installation.³¹ These trends mean that customers incur fixed costs
2 for procuring the solar distributed generation, but they are compensated at variable prices
3 that tend to increase, perhaps significantly, over time. Solar distributed generation
4 compensation mechanisms could instead provide fixed rates for the exports, where the
5 solar customer would receive the same payment exports each year, regardless of actual
6 fluctuations in retail rates or marginal prices.

7 **Q What is the advantage of using a fixed rate to pay for solar exports?**

8 **A** Fixing the export rate has advantages for both solar customers and ratepayers because it
9 hedges the risk of supply rate volatility discussed above. Fixing the export rate hedges the
10 downside risk to solar customers, in the event that supply rates drop below expected
11 levels. On the other hand, it hedges the upside risk to non-solar customers in the event
12 that supply rates increase above expected levels. We see this as a win-win opportunity for
13 both solar and non-solar customers.

14 Further, electricity rates, for default energy supply and other portions of the rates, are
15 more likely to increase over the long run than decrease. This means that non-solar
16 customers are paying increasing amounts over the long run for what is essentially fixed
17 price generation. Depending upon how much electricity rates increase over time, this

³¹ With the exception of operation and maintenance costs that can occur over the life of the distributed generation technology. These costs are small relative to the installation costs.

1 might result in overpaying for the solar distributed generation exports, which would
2 increase the long-term rate impacts on non-solar customers.

3 **Q How would a fixed rate for exports be determined?**

4 **A** A fixed export rate could be determined in several different ways.³² One option would be
5 to use the electricity prices that are in place at the time the solar distributed generation is
6 installed. Another option would be to use a forecast of avoided costs estimated at the time
7 the solar distributed generation is installed. We recommend this latter approach because it
8 provides a more accurate value of the exports to non-solar customers.

9 **Q What are the implications of modifying NEM 2.0 to (a) use an hourly netting**
10 **mechanism and (b) pay for exports at a fixed price based on avoided costs?**

11 **A** We estimate the payback periods and the rate impacts of making these two changes to
12 NEM 2.0. For this purpose, we assume a fixed export rate of 16 cents per kWh based on a
13 forecast of avoided costs, primarily derived from AESC 2021. Table 4 and Table 5
14 present the results of our analysis.

³² The period over which the export compensation value is fixed should be considered along with other facets of the revised tariff. This could be designed in several ways. For example, it could match the period over which the rate structure is meant to stay in place, or be shorter (e.g. 10 years), after which export compensation could be trued up periodically to actual avoided cost values.

1 **Table 4: Hourly Netting Recommendation Payback Periods**

Year Installed	Solar Cost (\$ / Watt)	Supply Rate (2024 c/kWh)	Payback Period (Years)
2024	\$3.64	Current (13.05 c/kWh)	15
		Historical Average (13.42 c/kWh)	15
		High (24.29 c/kWh)	12
2028	\$3.08	Current (13.05 c/kWh)	13
		Historical Average (13.42 c/kWh)	13
		High (24.29 c/kWh)	10

2

3 **Table 5: Hourly Netting Recommendation**
 4 **Rate and Bill Impacts from 2024 through 2028**

Year	2024	2025	2026	2027	2028
Rate Impact (c/kWh)	0.07	0.08	0.10	0.12	0.12
Bill Impact (\$/Month)	0.45	0.51	0.61	0.73	0.74
Percent Bill Impact (%)	0.29%	0.32%	0.38%	0.45%	0.45%

5

6 Our results indicate that the payback period increases by about 2 years compared to the
 7 current NEM 2.0, which might result in slightly lower adoption of solar distributed
 8 generation. However, they also indicate that the rate impacts are likely to be much lower.

1 Under NEM 2.0 the bill impact is about 1.16 percent by 2028, while under these two
2 modifications the rate impact is about 40 percent lower, at roughly 0.45 percent.

3 **VII. RECOMMENDATIONS**

4 **Q What do you recommend based on your analysis and conclusions?**

5 **A** Our primary recommendations are as follows:

- 6 • The Commission should keep the NEM 2.0 compensation mechanism in place for
7 the next two to three years, because rate impacts for non-solar customers are
8 expected to remain reasonable.
- 9 • The Commission should require the joint utilities, by December 1, 2025, at the
10 latest, to submit an analysis of whether and how to modify NEM 2.0. This
11 analysis should include a proposal for modifications that would maintain an
12 appropriate level of customer adoption and a reasonable level of cost-shifting. The
13 analysis should include quantitative forecasts of customer payback periods and
14 rate impacts for several promising alternative compensation mechanisms. The
15 utilities should include a proposal for a net billing tariff with hourly netting and a
16 fixed compensation rate for solar distributed generation exports based on expected
17 avoided costs. This mechanism better aligns power flows with compensation and
18 hedges the price volatility of supply rates for both solar and non-solar customers.

1 ▪ Since we expect the Commission will periodically review and further
2 modify solar compensation rates, customers subject to our proposed
3 compensation rate after 2025 should be “grandfathered” with respect to
4 future solar compensation changes for a period of thirty years, the
5 expected lifetime of solar distributed generation.

6 • After its review in 2025, the Commission should periodically review solar
7 distributed generation compensation structures to determine whether they are
8 resulting in an appropriate level of customer adoption and a reasonable level of
9 rate impacts. This review should include quantitative forecasts of payback periods
10 and rate impacts associated with alternative distributed generation compensation
11 mechanisms. At minimum, this review should occur every three years.

12 **Q Are you proposing a specific export value for the Commission to adopt at the next**
13 **NEM review?**

14 **A** No. The price paid for solar distributed generation exports should be based on the most
15 recent information available. For example, the AESC study is currently being updated,
16 and other values will continue to change as the energy and solar market evolve. Our
17 intention is to recommend the process for analyzing and proposing modifications that the
18 Commission should adopt in the future, rather than recommending details of those
19 modifications.

1 **Q What information should the utilities provide, and the Commission consider, when**
2 **the utilities provide their analysis of NEM modifications?**

3 **A** We recommend that, at minimum, the utilities provide estimates of the payback periods
4 and rate impacts of alternative compensation mechanisms and compare the results with
5 those of the current NEM 2.0 compensation structure. This analysis should include
6 several sensitivities for some of the key assumptions driving payback periods and rate
7 impacts. The analysis should present additional relevant information such as current
8 penetration rates of solar distributed generation, current and expected solar distributed
9 generation costs, and any demographic information known or collected by utilities
10 regarding the adoption of solar.

11 **Q Why have you proposed a grandfathering period?**

12 **A** As we have described throughout this testimony, it is necessary to balance the interests of
13 solar and non-solar ratepayers when designing distributed generation compensation
14 structures. Since significant changes to solar compensation may alter financial outcomes
15 for solar distributed generation adopters, it is reasonable to set expectations about the
16 underlying compensation structure that will be in place so that customers can make
17 informed decisions at the time of purchase.

18 **Q What data should utilities collect from customers to support their analysis of NEM**
19 **modifications?**

20 **A** For utilities that do not have smart meters, utilities should use applicable load research
21 data to estimate the portion of solar generation that will be consumed behind the meter

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1 versus that which will be exported to the grid for a variety of load shapes in addition to
2 the average residential customer.

3 **Q Does this conclude your testimony?**

4 **A** Yes, it does.



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PROFESSIONAL EXPERIENCE

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Provides expert consulting on the economic, regulatory, consumer, environmental, and public policy implications of the electricity and gas industries. The primary focus of work includes technical and economic analyses, electric power system planning, climate change strategies, energy efficiency programs and policies, renewable resources and related policies, power plant performance and economics, air quality, and many related aspects of consumer and environmental protection.

Massachusetts Department of Public Utilities, Boston, MA. *Commissioner*, 2007 – 2011.

Oversaw a significant expansion of clean energy policies as a consequence of the Massachusetts Green Communities Act, including an aggressive expansion of ratepayer-funded energy efficiency programs; the implementation of decoupled rates for electric and gas companies; an update of the DPU energy efficiency guidelines; the promulgation of net metering regulations; review of smart grid pilot programs; and review of long-term contracts for renewable power. Oversaw six rate case proceedings for Massachusetts electric and gas companies. Played an influential role in the development of price responsive demand proposals for the New England wholesale energy market. Served as President of the New England Conference of Public Utility Commissioners from 2009-2010. Served as board member on the Energy Facilities Siting Board from 2007-2010. Served as co-chair of the Steering Committee for the Northeast Energy Efficiency Partnership's Regional Evaluation, Measurement and Verification Forum.

Synapse Energy Economics Inc., Cambridge, MA. *Vice President*, 1997 – 2007.

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Colorado Public Utilities Commission (Proceeding No. 19AL-0687E): Cross-answer testimony and attachments of Tim Woolf regarding the need for a customer opt-out provision in Public Service Company of Colorado's proposed TOU rates plan. On behalf of Energy Outreach Colorado. May 21, 2020.

Colorado Public Utilities Commission (Proceeding No. 19AL-0687E): Answer testimony and attachments of Tim Woolf regarding Public Service Company of Colorado's proposal to establish mandatory Modified RE-TOU rates for residential customers. On behalf of Energy Outreach Colorado. April 24, 2020.

New York Public Service Commission (Cases 19-E-0065 and 19-G-0066): Direct testimony of Tim Woolf and Alice Napoleon regarding energy efficiency targets and incentives in Con Edison rate case. On behalf of the Natural Resources Defense Council. May 24, 2019.

Virginia State Corporation Commission (Case No. PUR-2018-00168): Direct testimony of Tim Woolf and Erin Malone regarding Virginia Electric and Power Company's application for approval to implement demand-side management programs and for approval of two updated rate adjustment clauses. On behalf of the Sierra Club. February 6, 2019.

Rhode Island Public Utilities Commission (Docket No. 4780): Direct testimony of Tim Woolf and Melissa Whited regarding National Grid's Power Sector Transformation proposals. On behalf of the Rhode Island Division of Public Utilities and Carriers. April 28, 2018.

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Rhode Island Public Utilities Commission (Docket No. 4783): Direct testimony of Tim Woolf and Melissa Whited regarding National Grid's Advanced Metering Functionality Pilot. On behalf of the Rhode Island Division of Public Utilities and Carriers. February 22, 2018.

New York Public Service Commission (Case 17-E-0459): Direct testimony of Tim Woolf regarding Energy Efficiency Earnings Adjustment Mechanisms proposed by Central Hudson Gas & Electric Company. On behalf of Natural Resources Defense Council. November 21, 2017.

New York Public Service Commission (Case 17-E-0238): Direct and rebuttal testimony of Tim Woolf and Melissa Whited regarding Earnings Adjustment Mechanisms proposed by National Grid. On behalf of Advanced Energy Economy Institute. August 25 and September 15, 2017.

Utah Public Service Commission (Docket No. 14-035-114): Direct and rebuttal testimony of Tim Woolf regarding the PacifiCorp's analysis of the benefits and costs associated with distributed generation resources. On behalf of Utah Clean Energy. June 8, 2017 and July 25, 2017.

Massachusetts Department of Public Utilities (D.P.U. 17-05): Direct and surrebuttal testimony of Tim Woolf and Melissa Whited regarding performance-based regulation, the monthly minimum reliability contribution, storage pilots, and rate design in Eversource's petition for approval of rate increases and a

performance-based ratemaking mechanism. On behalf of Sunrun and the Energy Freedom Coalition of America, LLC. April 28, 2017 and May 26, 2017.

Massachusetts Department of Public Utilities (D.P.U. 15-120, D.P.U. 15-121, D.P.U. 15-122/15-123): Direct testimony of Tim Woolf and Ariel Horowitz, PhD, regarding the petitions by National Grid, Unitil, NSTAR, and Eversource Energy for approval of their grid modernization plans. On behalf of Conservation Law Foundation. March 10, 2017.

Massachusetts Department of Public (D.P.U. 16-169): Direct testimony of Tim Woolf and Erin Malone regarding Nation Grid's petition for ruling regarding the provision of gas energy efficiency services. On behalf of the Cape Light Compact. November 2, 2016.

New Jersey Board of Public Utilities (Docket No. ER16060524): Direct testimony regarding Rockland Electric Company's proposed advanced metering program. On behalf of the New Jersey Division of Rate Counsel. September 9, 2016.

Colorado Public Utilities Commission (Proceeding No. 16AL-0048E): Answer testimony regarding Public Service Company of Colorado's rate design proposal. On behalf of Energy Outreach Colorado. June 6, 2016.

Georgia Public Service Commission (Docket No. 40161 and Docket No. 40162): Direct testimony regarding the demand-side management programs proposed by Georgia Power Company in its Certification, Decertification, and Amended Demand-Side Management Plan and its 2016 Integrated Resource Plan. On behalf of Sierra Club. May 3, 2016.

Massachusetts Department of Public Utilities (Docket No. 15-155): Joint direct and rebuttal testimony with M. Whited regarding National Grid's rate design proposal. On behalf of Energy Freedom Coalition of America, LLC. March 18, 2016 and April 28, 2016.

Maine Public Utilities Commission (Docket No. 2015-00175): Direct testimony on Efficiency Maine Trust's petition for approval of the Triennial Plan for Fiscal Years 2017-2019. On behalf of the Natural Resources Council of Maine and the Conservation Law Foundation. February 17, 2016.

Nevada Public Utilities Commission (Docket Nos. 15-07041 and 15-07042): Direct testimony on NV Energy's application for approval of a cost of service study and net metering tariffs. On behalf of The Alliance for Solar Choice. October 27, 2015.

New Jersey Board of Public Utilities (Docket No. ER14030250): Direct testimony on Rockland Electric Company's petition for investments in advanced metering infrastructure. On behalf of the New Jersey Division of Rate Counsel. September 4, 2015.

Utah Public Service Commission (Docket No. 14-035-114): Direct, rebuttal, and surrebuttal testimony on the benefit-cost framework for net energy metering. On behalf of Utah Clean Energy, the Alliance for Solar Choice, and Sierra Club. July 30, 2015, September 9, 2015, and September 29, 2015.

Nova Scotia Utility and Review Board (Matter No. M06733): Direct testimony on EfficiencyOne's 2016-2018 demand-side management plan. On behalf of the Nova Scotia Utility and Review Board. June 2, 2015.

Missouri Public Service Commission (Case No. ER-2014-0370): Direct and surrebuttal testimony on the topic of Kansas City Power and Light's rate design proposal. On behalf of Sierra Club. April 16, 2015 and June 5, 2015.

Missouri Public Service Commission (File No. EO-2015-0055): Rebuttal and surrebuttal testimony on the topic of Ameren Missouri's 2016-2018 Energy Efficiency Plan. On behalf of Sierra Club. March 20, 2015 and April 27, 2015.

Florida Public Service Commission (Dockets No. 130199-EI et al.): Direct testimony on the topic of setting goals for increasing the efficiency of energy consumption and increasing the development of demand-side renewable energy systems. On behalf of the Sierra Club. May 19, 2014.

Massachusetts Department of Public Utilities (Docket No. DPU 14-86): Direct and rebuttal Testimony regarding the cost of compliance with the Global Warming Solution Act. On behalf of the Massachusetts Department of Energy Resources and the Department of Environmental Protection. May 16, 2014.

Kentucky Public Service Commission (Case No. 2014-00003): Direct testimony regarding Louisville Gas and Electric Company and Kentucky Utilities Company's proposed 2015-2018 demand-side management and energy efficiency program plan. On behalf of Wallace McMullen and the Sierra Club. April 14, 2014.

Maine Public Utilities Commission (Docket No. 2013-168): Direct and surrebuttal testimony regarding policy issues raised by Central Maine Power's 2014 Alternative Rate Plan, including recovery of capital costs, a Revenue Index Mechanism proposal, and decoupling. On behalf of the Maine Public Advocate Office. December 12, 2013 and March 21, 2014.

Colorado Public Utilities Commission (Docket No. 13A-0686EG): Answer and surrebuttal testimony regarding Public Service Company of Colorado's proposed energy savings goals. On behalf of the Sierra Club. October 16, 2013 and January 21, 2014.

Kentucky Public Service Commission (Case No. 2012-00578): Direct testimony regarding Kentucky Power Company's economic analysis of the Mitchell Generating Station purchase. On behalf of the Sierra Club. April 1, 2013.

Nova Scotia Utility and Review Board (Matter No. M04819): Direct testimony regarding Efficiency Nova Scotia Corporation's Electricity Demand Side Management Plan for 2013 – 2015. On behalf of the Counsel to Nova Scotia Utility and Review Board. May 22, 2012.

Missouri Office of Public Counsel (Docket No. EO-2011-0271): Rebuttal testimony regarding IRP rule compliance. On behalf of the Missouri Office of the Public Counsel. October 28, 2011.

Nova Scotia Utility and Review Board (Matter No. M03669): Direct testimony regarding Efficiency Nova Scotia Corporation's Electricity Demand Side Management Plan for 2012. On behalf of the Counsel to Nova Scotia Utility and Review Board. April 8, 2011.

Rhode Island Public Utilities Commission (Docket No. 3790): Direct testimony regarding National Grid's Gas Energy Efficiency Programs. On behalf of the Division of Public Utilities and Carriers. April 2, 2007.

North Carolina Utilities Commission (Docket E-100, Sub 110): Filed comments with Anna Sommer regarding the Potential for Energy Efficiency Resources to Meet the Demand for Electricity in North Carolina. Synapse Energy Economics on behalf of the Southern Alliance for Clean Energy. February 2007.

Rhode Island Public Utilities Commission (Docket No. 3765): Direct and Surrebuttal testimony regarding National Grid's Renewable Energy Standard Procurement Plan. On behalf of the Division of Public Utilities and Carriers. January 17, 2007 and February 20, 2007.

Minnesota Public Utilities Commission (Docket Nos. CN-05-619 and TR-05-1275): Direct testimony regarding the potential for energy efficiency as an alternative to the proposed Big Stone II coal project. On behalf of the Minnesota Center for Environmental Advocacy, Fresh Energy, Izaak Walton League of America, Wind on the Wires and the Union of Concerned Scientists. November 29, 2006.

Rhode Island Public Utilities Commission (Docket No. 3779): Oral testimony regarding the settlement of Narragansett Electric Company's 2007 Demand-Side Management Programs. On behalf of the Division of Public Utilities and Carriers. November 24, 2006.

Nevada Public Utilities Commission (Docket Nos. 06-04002 & 06-04005): Direct testimony regarding Nevada Power Company's and Sierra Pacific Power Company's Renewable Portfolio Standard Annual Report. On behalf of the Nevada Bureau of Consumer Protection. October 26, 2006

Nevada Public Utilities Commission (Docket No. 06-06051): Direct testimony regarding Nevada Power Company's Demand-Side Management Plan in the 2006 Integrated Resource Plan. On behalf of the Nevada Bureau of Consumer Protection. September 13, 2006.

Nevada Public Utilities Commission (Docket Nos. 06-03038 & 06-04018): Direct testimony regarding the Nevada Power Company's and Sierra Pacific Power Company's Demand-Side Management Plans. On behalf of the Nevada Bureau of Consumer Protection. June 20, 2006.

Nevada Public Utilities Commission (Docket No. 05-10021): Direct testimony regarding the Sierra Pacific Power Company's Gas Demand-Side Management Plan. On behalf of the Nevada Bureau of Consumer Protection. February 22, 2006.

South Dakota Public Utilities Commission (Docket No. EL04-016): Direct testimony regarding the avoided costs of the Java Wind Project. On behalf of the South Dakota Public Utilities Commission Staff. February 18, 2005.

Rhode Island Public Utilities Commission (Docket No. 3635): Oral testimony regarding the settlement of Narragansett Electric Company's 2005 Demand-Side Management Programs. On behalf of the Division of Public Utilities and Carriers. November 29, 2004.

British Columbia Utilities Commission. Direct testimony regarding the Power Smart programs contained in BC Hydro's Revenue Requirement Application 2004/05 and 2005/06. On behalf of the Sierra Club of Canada, BC Chapter. April 20, 2004.

Maryland Public Utilities Commission (Case No. 8973): Oral testimony regarding proposals for the PJM Generation Attributes Tracking System. On behalf of the Maryland Office of People's Counsel. December 3, 2003.

Rhode Island Public Utilities Commission (Docket No. 3463): Oral testimony regarding the settlement of Narragansett Electric Company's 2004 Demand-Side Management Programs. On behalf of the Division of Public Utilities and Carriers. November 21, 2003.

California Public Utilities Commission (Rulemaking 01-10-024): Direct testimony regarding the market price benchmark for the California renewable portfolio standard. On behalf of the Union of Concerned Scientists. April 1, 2003.

Québec Régie de l'énergie (Docket R-3473-01): Direct testimony with Philp Raphals regarding Hydro-Québec's Energy Efficiency Plan: 2003-2006. On behalf of Regroupement national des Conseils régionaux de l'environnement du Québec. February 5, 2003.

Connecticut Department of Public Utility Control (Docket No. 01-10-10): Direct testimony regarding the United Illuminating Company's service quality performance standards in their performance-based ratemaking mechanism. On behalf of the Connecticut Office of Consumer Counsel. April 2, 2002.

Nevada Public Utilities Commission (Docket No. 01-7016): Direct testimony regarding the Nevada Power Company's Demand-Side Management Plan. On behalf of the Bureau of Consumer Protection, Office of the Attorney General. September 26, 2001.

United States Department of Energy (Docket Number-EE-RM-500): Comments with Bruce Biewald, Daniel Allen, David White, and Lucy Johnston of Synapse Energy Economics regarding the Department of Energy's proposed rules for efficiency standards for central air conditioners and heat pumps. On behalf of the Appliance Standards Awareness Project. December 2000.

US Department of Energy (Docket EE-RM-500): Oral testimony at a public hearing on marginal price assumptions for assessing new appliance efficiency standards. On behalf of the Appliance Standards Awareness Project. November 2000.

Connecticut Department of Public Utility Control (Docket No. 99-09-03 Phase II): Direct testimony regarding Connecticut Natural Gas Company's proposed performance-based ratemaking mechanism. On behalf of the Connecticut Office of Consumer Counsel. September 25, 2000.

Mississippi Public Service Commission (Docket No. 96-UA-389): Oral testimony regarding generation pricing and performance-based ratemaking. On behalf of the Mississippi Attorney General. February 16, 2000.

Delaware Public Service Commission (Docket No. 99-328): Direct testimony regarding maintaining electric system reliability. On behalf of Delaware Public Service Commission Staff. February 2, 2000.

Delaware Public Service Commission (Docket No. 99-328): Filed expert report ("Investigation into the July 1999 Outages and General Service Reliability of Delmarva Power & Light Company," jointly authored with J. Duncan Glover and Alexander Kusko). Synapse Energy Economics and Exponent Failure Analysis Associates on behalf the Delaware Public Service Commission Staff. February 1, 2000.

New Hampshire Public Service Commission (Docket No. 99-099 Phase II): Oral testimony regarding standard offer services. On behalf of the Campaign for Ratepayers Rights. January 14, 2000.

West Virginia Public Service Commission (Case No. 98-0452-E-GI): Rebuttal testimony regarding codes of conduct. On behalf of the West Virginia Consumer Advocate Division. July 15, 1999.

West Virginia Public Service Commission (Case No. 98-0452-E-GI): Direct testimony regarding codes of conduct and other measures to protect consumers in a restructured electricity industry. On behalf of the West Virginia Consumer Advocate Division. June 15, 1999.

Public Service Commission of West Virginia (Case No. 98-0452-E-GI): Filed expert report (“Measures to Ensure Fair Competition and Protect Consumers in a Restructured Electricity Industry in West Virginia,” jointly authored with Jean Ann Ramey and Theo MacGregor) in the matter of the General Investigation to determine whether West Virginia should adopt a plan for open access to the electric power supply market and for the development of a deregulation plan. Synapse Energy Economics and MacGregor Energy Consultancy on behalf of the West Virginia Consumer Advocate Division. June 1999.

Massachusetts Department of Telecommunications and Energy (DPU/DTE 97-111): Direct testimony regarding Commonwealth Electric Company’s energy efficiency plan, and the role of municipal aggregators in delivering demand-side management programs. On behalf of Cape and Islands Self-Reliance Corporation. January 1998.

Delaware Public Service Commission (DPSC 97-58): Direct testimony regarding Delmarva Power and Light’s request to merge with Atlantic City Electric. On behalf of Delaware Public Service Commission Staff. May 1997.

Delaware Public Service Commission (DPSC 95-172): Oral testimony regarding Delmarva’s integrated resource plan and DSM programs. On behalf of the Delaware Public Service Commission Staff. May 1996.

Colorado Public Utilities Commission (5A-531EG): Direct testimony regarding the impact of proposed merger on DSM, renewable resources and low-income DSM. On behalf of the Colorado Office of Energy Conservation. April 1996.

Colorado Public Utilities Commission (3I-199EG): Direct testimony regarding the impacts of increased competition on DSM, and recommendations for how to provide utilities with incentives to implement DSM. On behalf of the Colorado Office of Energy Conservation. June 1995.

Colorado Public Utilities Commission (5R-071E): Oral testimony on the Commission's integrated resource planning rules. On behalf of the Colorado Office of Energy Conservation. July 1995.

Colorado Public Utilities Commission (3I-098E): Direct testimony on the Public Service Company of Colorado's DSM programs and integrated resource plans. On behalf of the Colorado Office of Energy Conservation. April 1994.

Delaware Public Service Commission (Docket No. 96-83): Filed comments regarding the Investigation of Restructuring the Electricity Industry in Delaware (Tellus Institute Study No. 96-99). On behalf of the Staff of the Delaware Public Service Commission. November 1996.

Colorado Public Utilities Commission (Docket No. 96Q-313E): Filed comments in response to the Questionnaire on Electricity Industry Restructuring (Tellus Institute Study No. 96-130-A3). On behalf of the Colorado Governor's Office of Energy Conservation. October 1996.

State of Vermont Public Service Board (Docket No. 5854): Filed expert report (Tellus Institute Study No. 95-308) regarding the Investigation into the Restructuring of the Electric Utility Industry in Vermont. On behalf of the Vermont Department of Public Service. March 1996.

Pennsylvania Public Utility Commission (Docket No. I-00940032): Filed comments (Tellus Institute Study No. 95-260) regarding an Investigation into Electric Power Competition. On behalf of The Pennsylvania Office of Consumer Advocate. November 1995.

New Jersey Board of Public Utilities (Docket No. EX94120585Y): Initial and reply comments ("Achieving Efficiency and Equity in the Electricity Industry Through Unbundling and Customer Choice," Tellus Institute Study No. 95-029-A3) regarding an investigation into the future structure of the electric power industry. On behalf of the New Jersey Division of Ratepayer Advocate. September 1995.

ARTICLES

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Woolf, T., E. Malone, C. Neme, R. LeBaron. 2014. "Unleashing Energy Efficiency." *Public Utilities Fortnightly*, October, 30-38.

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Woolf, T., A. Sommer. 2004. "Local Policy Measures to Improve Air Quality: A Case Study of Queens County, New York." *Local Environment* 9 (1): 89–95.

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Woolf, T. 1994. "Retail Competition in the Electricity Industry: Lessons from the United Kingdom." *The Electricity Journal* 7 (5): 56–63.

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Woolf, T. 1993. "It is Time to Account for the Environmental Costs of Energy Resources." *Energy and Environment* 4 (1): 1–29.

Woolf, T. 1992. "Developing Integrated Resource Planning Policies in the European Community." *Review of European Community & International Environmental Law* 1 (2) 118–125.

PRESENTATIONS

Woolf, T. B Havumaki. 2022. "Economic Assessment of Grid Modernization Plans." Presentation at the NASUCA 2022 Mid-Year Meeting.

Woolf, T. 2019. "Benefit-Cost Analysis for Utility-Facing Grid Modernization Investments." Distribution Systems and Planning Training for Mid-Atlantic Region and NARUC-NASEO Task Force on Comprehensive Electricity Planning. March 7-8, 2019.

Woolf, T. 2018. Stakeholder presentation on "Updating the Energy Efficiency Cost-Effectiveness Framework in Minnesota: Application of the National Standard Practice Manual to Minnesota." Synapse Energy Economics project for Minnesota Department of Commerce, Division of Energy Resources, supported by the Conservation Applied Research and Development (CARD) Program. St. Paul, Minnesota. September 2018.

Woolf, T. 2018. "Benefit-Cost Analysis for Investments in the Modern Grid: Recent trends in how to determine whether grid modernization investments will deliver value to customers." Smart Money Panel, NARUC Summer Policy Summit. Scottsdale, Arizona.

Woolf, T. 2018. "Benefit-Cost Analysis for New York Energy Investments." Training Session for Earthjustice.

Woolf, T. 2018. "National Standard Practice Manual for Energy Efficiency Cost-Effectiveness." Presentation at the NASUCA 2018 Mid-Year Meeting.

Woolf, T. 2018. "The National Standard Practice Manual and the Value of Energy Efficiency in New York." Presentation on behalf of the Natural Resources Defense Council at the Stakeholder Forum, Case 18-M-0084.

Woolf, T., M. Whited. 2016. "Show Me the Numbers: A Framework for Balanced Distributed Solar Policies." Presentation for Consumers Union Webinar, December 2016.

Woolf, T. 2016. "Show Me the Numbers: Balancing Solar DG with Consumer Protection." Public workshop on solar distributed generation for the Federal Trade Commission, June 2016.

Woolf, T. 2016. "Rate Designs for Distributed Generation: State Activities & A New Framework." Presentation at the NASUCA 2016 Mid-Year Meeting, June 2016.

Woolf, T., M. Whited. 2016. "3rd Annual 21st Century Electricity System Workshop – Implications of Different Rate Designs." Presentation at the Advanced Energy Economy Institute, April 2016.

Woolf, T., M. Whited. 2016. "Decoupling in Pennsylvania: Advantages, Disadvantages, and Design Issues." Presentation to Pennsylvania Decoupling Stakeholders, February 2016.

Woolf, T. 2016. "Earnings Impact Mechanisms: Energy Efficiency." Presentation at the New York REV Technical Conference, January 2016.

Lowry, M. N., T. Woolf. 2015. "Performance-Based Regulation in a High Distributed Energy Resources Future." Webinar on January 2016.

Woolf, T. 2015. "Performance Incentive Mechanisms: A Catalyst for Change." Webinar for Power Sector Transformation Group, December 2015.

Woolf, T. 2015. "Energy Efficiency Valuation: Boogie Men, Time Warps, and other Terrifying Pitfalls." Presentation at ACEEE Conference on Energy Efficiency as a Resource, September 2015.

Woolf, T., M. Whited, A. Napoleon. 2015. "Thoughts on How to Design Clean Energy Performance Incentive Mechanisms." Webinar for the Western Clean Energy Advocates, April 2015.

Woolf, T. 2015. "Properly Valuing the Benefits and Costs of Energy Efficiency." Presentation at the 2015 National Efficiency Advocates Meeting, April 2015.

Woolf, T. 2015. "Non-Energy Benefits & Efficiency Program Screening." Presentation for Georgia DSM Work Group, March 2015.

Woolf, T. 2014. "Performance Incentive Mechanisms And Their Role in New Regulatory Models." Presentation at Acadia Center Conference, Envisioning Our Energy Future, December 2014.

Woolf, T., M. Whited., A. Napoleon. 2014. "Guiding Utility Performance: A Handbook for Regulators." Webinar for the Western Interstate Energy Board, December 2014.

Woolf, T. 2014. "Planning for Distributed Energy Resources." Presentation for Advanced Energy Economy Webinar, November 2014.

Woolf, T. 2014. "Benefit-Cost Analysis for Distributed Energy Resources in New York: A Framework for Accounting for All Relevant Costs and Benefits." Presentation to NARUC ERE Committee, November 2014.

Woolf, T. 2014. "Presenting the Full Value of Energy Efficiency: Creating a Better Message." Presentation at Sierra Club Beyond Coal Conference, October 2014.

Woolf, T., C. Neme. 2014. "Regulatory Policies to Support Energy Efficiency in Virginia." Presentation for the 2014 Virginia Energy Efficiency Workshop, October 2014.

Woolf, T. 2014. "Benefit-Cost Analysis for Distributed Energy Resources in New York: A Framework for Accounting for All Relevant Costs and Benefits." Presentation for Advanced Energy Economy Institute, October 2014.

Woolf, T. 2014. "Performance Incentive Mechanisms: Digging Deeper Into Performance-Based Regulation." Presentation for National Governor's Association Conference: Utility Business Models That Align with State Clean Energy Goals, September 2014.

Woolf, T. 2014. "The Resource Value Framework: Reforming Energy Efficiency Cost-Effectiveness Screening." Presentation at the ACEEE Summer Study, August 2014.

Woolf, T. 2014. "Cost-Effectiveness of Demand Response." Presentation at MADRI Working Group Meeting #34, July 2014.

Woolf, T. 2014. "Time to Overhaul Our Energy Efficiency Screening Practices." Presentation for U.S. Environmental Protection Agency Energy Efficiency Cost-Effectiveness Webinar, January 2014.

Woolf, T. 2013. "Survey of Energy Efficiency Screening Practices in the Northeast and Mid-Atlantic." Presentation for Northeast Energy Efficiency Partnerships EM&V Forum Annual Public Meeting, December 2013.

Woolf, T. 2013. "Recommendations for Reforming Energy Efficiency Cost-Effectiveness Screening in the United States." Presentation at the National Association of Regulatory Commissioners Annual Meeting, November 2013.

Woolf, T. 2013. "Energy Efficiency Program Screening: Let's Get Beyond the TRC Test." Presentation for 7th Annual ENERGY STAR Certified Homes Utility Sponsor Meeting, October 2013.

Woolf, T. 2013. "Decoupling in Maine: Why Decoupling is in Consumers' Interest." Presentation for Office of Public Advocate- Decoupling Debate, October 2013.

Woolf, T. 2013. "NHPC Efficiency Screening Initiative: Unleashing the Potential for Energy Efficiency." Presentation for Advocates Meeting, September 2013.

Woolf, T. 2013. "Energy Efficiency: Rate, Bill and Participation Impacts." Presentation for ACEEE's Energy Efficiency as a Resource Conference, September 2013.

Woolf, T. 2013. "Energy Efficiency Screening: Challenges and Opportunities." Presentation for NARUC Summer Meeting Consumer Affairs Panel, July 2013.

Woolf, T., R. Sedano. 2013. "Decoupling Overview." Presentation for Finding Common Ground Meeting, July 2013.

Woolf, T. 2013. "Utility Incentives for Energy Efficiency." Presentation for Finding Common Ground Meeting, July 2013.

Woolf, T. 2013. "Energy Efficiency: Rate, Bill and Participation Impacts." Presentation for State Energy Efficiency Action Webinar, June 2013.

Woolf, T., B. Biewald, and J. Migden-Ostrander. 2013. "NARUC Risk Workshop for Regulators." Presentation at the Mid-Atlantic Conference of Regulatory Utility Commissioners, June 2013.

Woolf, T. 2013. "Energy Efficiency Screening: Accounting for 'Other Program Impacts' & Environmental Compliance Costs." Presentation for the Consortium for Energy Efficiency Summer Meeting, May 2013.

Woolf, T. 2013. "Best Practices in Energy Efficiency Program Screening." Presentation at ACI National Home Performance Conference, May 2013.

Woolf, T. 2013. "Utility Shareholder Incentives to Support Energy Efficiency Programs." Presentation to Common Ground, May 2013.

Woolf, T. 2013. "Energy Efficiency Screening: Accounting for 'Other Program Impacts' & Environmental Compliance Costs." Presentation for Regulatory Assistance Project Webinar, March 2013.

Woolf, T. 2013. "Energy Efficiency: Rates, Bills, Participants, Screening, and More." Presentation at Connecticut Energy Efficiency Workshop, March 2013.

Woolf T. 2013. "Best Practices in Energy Efficiency Program Screening." Presentation for SEE Action Webinar, March 2013.

Woolf, T. 2013. "Energy Efficiency: Rates, Bills and Participants." Presentation for Rhode Island Energy Efficiency Collaborative, February 2013.

Woolf, T. 2013. "Energy Efficiency Screening: Application of the TRC Test." Presentation for Energy Advocates Webinar, January 2013.

Woolf, T. 2012. "Best Practices in Energy Efficiency Program Screening." Presentation for American Council for an Energy-Efficient Economy Webinar, December 2012.

Woolf, T. 2012. Indian Point Replacement Analysis: A Clean Energy Roadmap. Presentation for Natural Resource Defenses Council and Environmental Entrepreneurs, November 2012.

Woolf, T. 2012. "In Pursuit of All Cost-Effective Energy Efficiency." Presentation at Sierra Club Boot Camp, October 2012.

Woolf, T. 2012. "Best Practices in Energy Efficiency Program Screening." Webinar for Northeast Energy Efficiency Partnerships, September 2012.

Woolf, T., L. Schwartz. "What Remains to be Done with Demand Response? A National Forum from the FERC National Action Plan on Demand Response Tries to Give an Answer." Presentation at NARUC National Town Meeting on Demand Response, July 2012.

Woolf, T. 2012. "Best Practices in Energy Efficiency Program Screening." Presentation at NARUC Summer Meetings – Energy Efficiency Cost-Effectiveness Breakfast, July 2012.

Woolf, T. 2012. "Avoided Cost of Complying with Environmental Regulations in MA." Presentation for Mass Energy Consumer's Alliance, January 2012.

- Woolf, T. 2011. "Energy Efficiency Cost-Effectiveness Tests." Presentation at the Northeast Energy Efficiency Partnerships Annual Meeting, October 2011.
- Woolf, T. 2011. "Why Consumer Advocates Should Support Decoupling." Presentation at the 2011 ACEEE National Conference on Energy Efficiency as a Resource, September 2011.
- Woolf, T. 2011. "A Regulator's Perspective on Energy Efficiency." Presentation at the Efficiency Maine Symposium *In Pursuit of Maine's Least-Cost Energy*, September 2011.
- Woolf, T. 2010. "Bill Impacts of Energy Efficiency Programs: The Importance of Analyzing and Managing Rate and Bill Impacts." Presentation at the Energy in the Northeast Conference, Law Seminar International, September 2010.
- Woolf, T. 2010. "Bill Impacts of Energy Efficiency Programs: The Implications of Bill Impacts in Developing Policies to Motivate Utilities to Implement Energy Efficiency." Presentation to the State Energy Efficiency Action Network, Utility Motivation Work Group, November 2010.
- Woolf, T. 2010. "Bill Impacts of Energy Efficiency Programs." Presentation to the Energy Resources and Environment Committee at the NARUC Winter Meetings, February 2010.
- Woolf, T. 2009. "Price-Responsive Demand in the New England Wholesale Energy Market: Description of NECPUC's Limited Supply-Side Proposal." Presentation at the NEPOOL Markets Committee Meeting, November 2009.
- Woolf, T. 2009. "Demand Response in the New England Wholesale Energy Market: How Much Should We Pay for Demand Resources?" Presentation at the New England Electricity Restructuring Roundtable, October 2009.
- Woolf, T. 2008. "Promoting Demand Resources in Massachusetts: A Regulator's Perspective." Presentation at the Energy Bar Association, Northeast Chapter Meeting, June 2008.
- Woolf, T. 2008. "Turbo-Charging Energy Efficiency in Massachusetts: A DPU Perspective." Presentation at the New England Electricity Restructuring Roundtable, April 2008.
- Woolf T. 2002. "A Renewable Portfolio Standard for New Brunswick." Presentation to the New Brunswick Market Design Committee, January 10, 2002.
- Woolf, T. 2001. "Potential for Wind and Renewable Resource Development in the Midwest." Presentation at WINDPOWER 2001 in Washington DC, June 7, 2001.
- Woolf T. 1999. "Challenges Faced by Clean Generation Resources Under Electricity Restructuring." Presentation at the Symposium on the Changing Electric System in Florida and What it Means for the Environment in Tallahassee, FL, November 1999.
- Woolf, T. 2000. "Generation Information Systems to Support Renewable Portfolio Standards, Generation Performance Standards and Environmental Disclosure." Presentation at the Massachusetts Restructuring Roundtable on behalf of the Union of Concerned Scientists, March 2000.

Woolf, T. 1998. "New England Tracking System Project: An Electricity Tracking System to Support a Wide Range of Restructuring-Related Policies." Presentation at the Ninth Annual Energy Services Conference and Exposition in Orlando, FL, December 1998.

Woolf, T. 2000. "Comments of the Citizens Action Coalition of Indiana." Presentation at Workshop on Alternatives to Traditional Generation Resources, June 2000.

Woolf, T. 1996. "Overview of IRP and Introduction to Electricity Industry Restructuring." Training session provided to the staff of the Delaware Public Service Commission, April 1996.

Woolf, T. 1995. "Competition and Regulation in the UK Electric Industry." Presentation at the Illinois Commerce Commission's workshop on Restructuring the Electric Industry, August 1995.

Woolf, T. 1995. "Competition and Regulation in the UK Electric Industry." Presentation at the British Columbia Utilities Commission Electricity Market Review, February 1995.

Resume updated August 2022



Eric Borden, Principal Associate

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eborden@synapse-energy.com

PROFESSIONAL EXPERIENCE

Synapse Energy Economics, Inc., Cambridge, MA. *Principal Associate*, May 2022 – Present

- Sponsors expert testimony and performs analyses related to utility electric vehicle incentives and policy, wildfire mitigation strategies and costs, risk modeling, rate design, cost allocation, and revenue requirement issues in General Rate Cases and Multi-year Rate Plans.
- Conducts research and analysis related to the cost-effectiveness of distributed energy resources and Integrated Resource Plans.
- Examines utility performance incentives and provides expertise on ratemaking issues.

The Utility Reform Network (TURN), San Francisco, CA, *Energy Policy Expert*, February 2015 - May 2022

- Prepared testimony, conducted analyses, drafted comments, and represented TURN in various proceedings at the California Public Utilities Commission (CPUC) related to general rate cases, wildfire-related safety applications, electric vehicle charging infrastructure, utility procurement, rate design, and demand response.

4 Thought Energy LLC, Chicago, IL. *Senior Energy Analyst*, June 2013 – January 2015

- Created financial models to forecast profits of potential site installations
- Researched state and regional public policy frameworks governing CHP
- Conducted analyses over electricity and natural gas price trends
- Developed presentations and marketing materials for investor meetings

International Renewable Energy Agency (IRENA) Bonn, Germany. *Consultant*, February 2014 – October 2014

- Hired to write a report on worldwide electricity sector battery storage, including primary applications for renewable energy integration, market developments, trends, and case studies
- Conduct research, review literature, interview key industry players, develop case study material
- Travel to Bonn, company sites, and research facilities
- Written report will be sent to policymakers in 167 IRENA member countries

Alexander von Humboldt Foundation (hosted by DIW Berlin), Berlin, Germany. *German Chancellor Fellow*, July 2012 – November 2013

- Research Project: “Energy Storage Technology and the Large-Scale Integration of Renewable Energy”
- Investigated the role of energy storage in Germany for renewable integration through literature review, interviews with German energy experts, and analysis comparing public policy support in Germany and the U.S. for storage technologies
- Invited to hold a presentation at the International Renewable Energy Storage Conference and Exhibition (IRES 2013)
- Discussions with German businesses and governmental ministries; special visit to European Union and NATO headquarters in Brussels
- Attended energy conferences and workshops in Berlin

The Kenrich Group, LLC, Chicago, IL. *Senior Consultant*, June 2008 – July 2009

- Consulted for multiple energy utilities in legal disputes with the Department of Energy (DOE)
- Performed detailed research and quantitative/qualitative analysis to analyze financial impact related to construction of coal-fired power plants, liquid natural gas facilities, and other types of construction
- Contributed to final reports and presentations submitted in arbitration, settlement, or court of law presenting KRG’s expert opinion

Charles River Associates, Chicago, IL. *Associate - Intellectual Property*, July 2006 – May 2008

- Developed complex financial models including discounted cash flow, lost profit, and regression analyses to support expert reports within the context of intellectual property and financial litigation in multiple industries
- Created valuation models and supporting materials to value business entities
- Contributed to final reports and presentations submitted in arbitration, settlement, or court of law presenting CRA’s expert opinion

EDUCATION

University of Texas, LBJ School of Public Affairs, Austin, Texas

Master of Public Affairs, specialization in Natural Resources and the Environment, 2012

Washington University, St. Louis, MO

B.S.B.A. Finance, Entrepreneurship, 2006

PUBLICATIONS

Borden, E., B. Havumaki, A. Lawton, M. Whited. 2023. *Establishing Income Based Fixed Charged in California*. Synapse Energy Economics for The Utility Reform Network and Natural Resources Defense Council.

Woolf, T., D. Goldberg, E. Borden, P. Rhodes. 2022. *Distributed Generation Successor Program in Maine*. Synapse Energy Economics for the Maine Governor's Energy Office and the Distributed Generation Stakeholder Group.

Battery Storage for Renewables: Market Status and Technology Outlook, International Renewable Energy Agency (IRENA), co-author with Ruud Kempener, 2015.

Germany's Energiewende, chapter 15 in *Global Sustainable Communities Design Handbook*, ed. Dr. Woodrow Clark, Elsevier Press, 2014.

Expert Views on the Role of Energy Storage for the German Energiewende, DIW Berlin and BMU "Stores" project, 2014.

Policy efforts for the development of storage technologies in the U.S. and Germany, DIW Discussion Paper, 2013.

Electric Vehicles and Public Charging Infrastructure: Impediments and Opportunities for Success in the United States, The University of Texas at Austin, 2012.

Clean Energy Technology and Public Policy, LBJ Journal of Public Affairs, editor and contributor, 2011.

TESTIMONY

Case No.9692. Direct Testimony of Eric Borden on the matter of the Application of Baltimore Gas and Electric Company for an Electric and Gas Multi-Year Plan. On behalf of The Office of People's Counsel. June 30, 2023.

NSUARB M10960: Direct Testimony of Eric Borden on the Matter of an Application by Eastward Energy Incorporated for Approval of a Schedule of Rates, Tolls and Charges Pursuant to Section 21 of the Gas Distribution Act. On behalf of the Counsel to Nova Scotian Utility and Review Board. April 12, 2023.

A.22-05-016: Prepared Testimony Addressing San Diego Gas and Electric's Test Year 2024 Wildfire Mitigation Hardening Measures and Related Wildfire Risk Modeling Issues for The Utility Reform Network. March 27, 2023.

A.22-05-015/A.22-05-016: Prepared Testimony of Eric Borden and Courtney Lane Addressing Quantitative Risk Analysis Issues in Sempra's 2024 Test Year General Rate Case for The Utility Reform Network. March 27, 2023.

Public Service Commission of South Carolina (Docket No.2022-254-E): Direct Testimony of Eric Borden regarding the Application of Duke Energy Progress, LLC for Authority to Adjust and Increase its Electric Rates and Charges. On behalf of South Carolina Department of Consumer Affairs. December 1, 2022.

State of Illinois, Illinois Commerce Commission (Docket 22-0432/22-0442): Direct Testimony of Eric Borden and Courtney Lane regarding the Petition for Approval of Beneficial Electrification Plan Under

the Electric Vehicle Act, 20 ILCS 627/45 And New EV Charging Delivery Classes Under the Public Utilities Act, Article IX. On behalf of The People of the State of Illinois. September 22, 2022.

Public Utilities Commission of Maine (Docket No. 2022-00152): Direct Testimony of Melissa Whited-and Eric Borden regarding Central Maine Power Company's request for rate design increase and changes. On behalf of the Maine Office of the Public Advocate. December 2, 2022.

A.21-06-021: Prepared Testimony Addressing Pacific Gas and Electric's Test Year 2023 General Rate Case – Wildfire Mitigation and New Customer Connections Cost Requests. June 13, 2022.

A.21-09-008: Prepared Testimony Addressing the Reasonableness of Pacific Gas and Electric 2020 Vegetation Management Balancing Account Overspend. May 25, 2022.

A.21-06-022: Prepared Testimony Addressing Pacific Gas and Electric's Framework for Substation Microgrid Solutions. March 30, 2022.

A.21-10-010: Prepared Testimony Addressing Pacific Gas and Electric's Electric Vehicle Charge 2 Proposal. March 2, 2022.

A.20-09-019: Prepared Testimony Addressing Pacific Gas and Electric's Wildfire Mitigation Memorandum Accounts. April 14, 2021.

A.19-08-013: Prepared Testimony Addressing Southern California Edison's Test Year 2021 Track 2 General Rate Case Memorandum Account Request – Wildfire Expenditures. September 4, 2020.

A.20-03-004: Joint Testimony with Eduyng Castano (SCE) Addressing Data Collection and Evaluation of the New Homes Battery Storage Pilot Program. September 1, 2020.

A.19-10-012: Prepared Testimony Addressing San Diego Gas and Electric's Power Your Drive 2 Electric Vehicle Charging Infrastructure Proposal. May 18, 2020.

A.19-08-013: Prepared Testimony Addressing Southern California Edison's General Rate Case Wildfire Management, Wildfire Risk, Vegetation Management, and New Service Connection Policy Issues and Cost Forecasts. May 5, 2020.

A.18-12-009: Prepared Testimony Addressing Pacific Gas and Electric's Enhanced Vegetation Management and System Hardening Wildfire Mitigation Expenditures. July 26, 2019.

A.18-09-002: Direct Testimony Addressing SCE's Grid Safety and Reliability Program Infrastructure Proposal. April 23, 2019.

A.18-06-015: Rebuttal Testimony Addressing SCE's Charge Ready 2 EV Infrastructure Proposal. December 21, 2018.

A.18-06-015: Direct Testimony Addressing SCE's Charge Ready 2 EV Infrastructure Proposal. November 20, 2018.

A.17-12-011: Direct Testimony Regarding Potential Effects of More "Cost Based" TOU Rates and Seasonal Differentiation of Tiered Rates. October 26, 2018.

A.18-02-016 et al.: Prepared Testimony Addressing Issues Pertaining to AB 2868 (Energy Storage). August 10, 2018.

A.17-12-002 et al.: Prepared Testimony Addressing the Proposal of SCE for Energy Storage Procurement. April 9, 2018.

A.17-01-020: Direct Testimony Addressing the Proposal of PG&E for a Fast Charging Infrastructure Program. July 25, 2017.

R.12-06-013: Direct Testimony Evaluating Hardship due to TOU Rates on Vulnerable Populations in Hot climate Zones. April 19, 2017.

A.15-09-001: Direct Testimony Addressing the Proposal of PG&E for Electric Distribution and New Business Expenditures. April 29, 2016.

A.15-02-009: Rebuttal Testimony Regarding PG&E's A.15-02-009 for EV Infrastructure and Education Program. December 21, 2015.

A.15-02-009: Direct Testimony Regarding PG&E's EV Infrastructure and Education Program. November 20, 2015.

A.14-11-003: Direct Testimony Addressing the Treatment of Solar Distributed Generation for Estimating Distribution System Capacity/Expansion Expenditures. May 15, 2015.

A.14-04-014/R.13-11-007: Testimony Regarding SDG&E's Application for Authority to Build Electric Vehicle Charging Infrastructure. April 13, 2015.

Resume updated July 2023

Request from: Department of Energy

Witness: Boutin, Warren R, Rice, Brian J, CHEN, YI-AN

Request:

Please provide a detailed joint utility proposal for application fees. Please include support that the fees will cover only incremental costs, and do not “double recover” for costs already embedded in distribution rates.

Response:

The Puc 900 rules authorize the Utilities to collect an initial upfront application fee from all Customer-Generators that apply to interconnect to the electric power system. Fees collected by the Utilities will offset the general administrative costs incurred for personnel, systems and services that support the review and processing of applications to interconnect and administration of the net metering credit program.

Proposed application fees will not offset costs associated with evaluation of individual projects through Pre-Application Reviews conducted pursuant to Puc 904.01, Studies and Analysis conducted pursuant to Puc 905.06, or Upgrades or Improvements to the Electric Distribution System identified pursuant to Puc 905.07. Since there is no overlap among these various fees, the aforementioned costs will continue to be funded by individual Customer-Generators through Pre-Application fees, Supplemental Review Fees and payments for Upgrades or Improvements. However, incremental general administrative costs for applications will be funded through new Application Fees. Customer-Generators shall not be assessed any Supplemental Review Fees to cover incremental general administrative costs.

In each annual Stranded Cost Recovery Charge (SCRC) filing each Distribution Company shall report:

1. General administrative costs incurred by the utility in the prior year for personnel, systems and services that support the review and processing of applications to interconnect.
2. Total application fees collected by the utility in the prior year.

In each annual SCRC filing each utility shall provide a comparison of revenues collected to support general administrative costs and actual general administrative costs incurred to support the review and processing of applications to interconnect. Revenues collected to support general administrative costs shall include total application fees collected in the prior year and general administrative costs for review and processing of applications to interconnect included in annual operations and maintenance expense that are recovered through revenues approved in the Distribution Company's most recent base rate proceeding. Revenues and general administrative costs shall not include amounts associated with individual projects for Pre-Application, Supplemental Review or Upgrades and Improvements.

If revenues collected to support general administrative costs exceed actual general administrative costs in any year, the excess amount shall be credited to customers through the SCRC. The Utilities shall not include any deficiency in revenues from the combination of base rate revenues and application fees to support general administrative costs in amounts for recovery through the SCRC without prior authorization by the Commission.

Please reference Attachment TS-005 for an illustrative example.

Interconnection Application Fee Proposal
Illustrative Calculations

<u>Line</u>	<u>Project Size</u>	<u>Application Volume</u>	<u>Potential Fee</u>	<u>Revenue</u>	<u>Description</u>
1	< 30 kW	4,115	\$ 200	\$ 823,000	
2	30 - 100 kW	22	\$ 500	\$ 11,000	
3	> 100 kW	20	\$ 1,000	\$ 20,000	
4					
5	<u>Total Revenue</u>				
6	Application fees			\$ 854,000	Sum of Line 1 to Line 3
7	Distribution rates ¹			\$ 272,490	
8		Total		\$ 1,126,490	Line 6 + Line 7
9					
10	Annual interconnection admin costs			\$ 900,000	
11					
12	Amount to be Credited/(Surcharged) to Customers through SCRC ²			\$ 226,490	Line 8 - Line 10

¹ Eversource data

² Subject to PUC approval

Public Service Company of New Hampshire d/b/a Eversource Energy
Docket No. DE 22-060

Date Request Received: August 24, 2023
Data Request No. CENH 1-003

Date of Response: October 12, 2023
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Request from: Clean Energy NH

Witness: Davis, Edward A, Freeman, Lavelle A

Request:

Basic load research data on (a) the average customer in each customer class, (b) the customer classes that include DG customers, and (c) the average customer in each class who has installed DG.

Please provide:

- a. The most recent load research data on the hourly load profile over an annual period (*i.e.*, the 8,760 hourly loads over the year) for an average customer in each of the Company's rate classes. This data can be limited only to those rate classes that include customers who have installed DG, as indicated in the response to Question 1.
- b. Please provide, if available, the most recent load research data on the hourly load profile over an annual period (*i.e.*, the 8,760 hourly loads over the year) for an average customer who has installed DG, for each of the rate classes in which customers have installed DG as indicated in the response to Question 1. Please include and provide the average installed capacity (in kW-AC) of the average DG installation for each such rate class.
- c. Please provide, if available, the most recent load research data on the hourly load profile over an annual period (*i.e.*, the 8,760 hourly loads over the year) for an average customer who has installed DG paired with storage, for each of the rate classes in which customers have installed DG paired with storage as indicated in the response to Question 1. Please include and provide the average installed capacity (in kW-AC) of the average DG installation for each such rate class, as well as the average storage discharge capacity (in kW) and average storage duration (in hours).
- d. Please provide any customer load profile data provided to Dunskey (see Dunskey Appendices, at Sections C.7.4 and C.8.4).

**Public Service Company of New Hampshire d/b/a Eversource Energy
Docket No. DE 22-060**

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Response:

- (a) Please reference Attachment CENH 1-003(a).
- (b) The Company has not conducted such load research.
- (c) The Company has not conducted such load research.
- (d) Please find the following load profile information, originally supplied to Dunskey for the VDER study:
 - a. 2018 Rate Class Load Profiles, Attachment CENH 1-003(d1)
 - b. 2019 Rate Class Load Profiles, Attachment CENH 1-003(d2)
 - c. 2020 Rate Class Load Profiles, Attachment CENH 1-003(d3)
 - d. 2021 Rate Class Load Profiles, Attachment CENH 1-003(d4)
 - e. 2021 System Load Profiles, Attachment CENH 1-003(d5)

**Public Service Company of New Hampshire
2021 Average Rate Class Loads**

Rate	R	G	GV	LG
<u>Interval Ending EST</u>	<u>kW</u>	<u>kW</u>	<u>kW</u>	<u>kW</u>
1/1/2021 1:00	1.63	1.82	91.98	793.53
1/1/2021 2:00	1.55	1.78	92.48	792.09
1/1/2021 3:00	1.5	1.76	93.37	792.8
1/1/2021 4:00	1.5	1.78	94.19	793.72
1/1/2021 5:00	1.5	1.76	96	799.43
1/1/2021 6:00	1.55	1.83	99.29	822.47
1/1/2021 7:00	1.63	1.88	104.02	823.73
1/1/2021 8:00	1.75	1.87	104.1	806.81
1/1/2021 9:00	1.87	1.9	103.86	792.91
1/1/2021 10:00	1.96	1.92	103.43	781.99
1/1/2021 11:00	2.08	1.93	102.68	775.79
1/1/2021 12:00	2.03	1.93	101.05	774.44
1/1/2021 13:00	2.12	1.99	98	769.14
1/1/2021 14:00	2.03	1.94	97.3	777.28
1/1/2021 15:00	2.02	1.94	97.19	786.43
1/1/2021 16:00	2.08	2.06	97.04	783.9
1/1/2021 17:00	2.34	2.15	98.5	788.38
1/1/2021 18:00	2.51	2.24	98.71	789.42
1/1/2021 19:00	2.45	2.18	95.7	787.79
1/1/2021 20:00	2.29	2.08	93.41	782.46
1/1/2021 21:00	2.2	2.01	90.98	785.67
1/1/2021 22:00	1.97	1.9	88.45	780.06
1/1/2021 23:00	1.84	1.87	86.47	778.05
1/2/2021 0:00	1.7	1.82	85.19	774.68
1/2/2021 1:00	1.54	1.76	84.73	776.54
1/2/2021 2:00	1.42	1.74	84.51	775.01
1/2/2021 3:00	1.41	1.74	84.4	774.55
1/2/2021 4:00	1.41	1.74	84.59	777.87
1/2/2021 5:00	1.43	1.73	86.5	778.28
1/2/2021 6:00	1.49	1.76	89.44	799.54
1/2/2021 7:00	1.59	1.86	94.21	819.48
1/2/2021 8:00	1.71	1.84	96.75	838.02
1/2/2021 9:00	1.91	1.91	97.07	848.67
1/2/2021 10:00	2.04	1.97	99.09	844.99
1/2/2021 11:00	2.12	2.07	99.88	846.63
1/2/2021 12:00	2.2	2.16	99.95	834.41
1/2/2021 13:00	2.17	2.08	98.39	829.2
1/2/2021 14:00	2.15	2.02	98.04	823.55
1/2/2021 15:00	2.17	2.07	97.26	830.32
1/2/2021 16:00	2.02	2.01	96.91	828.13
1/2/2021 17:00	2.21	2.13	98.33	835.88
1/2/2021 18:00	2.5	2.18	99.3	830.09

1/2/2021 19:00	2.41	2.19	98.77	819.15
1/2/2021 20:00	2.32	2.14	97.38	820.57
1/2/2021 21:00	2.14	1.99	96.43	816.14
1/2/2021 22:00	2.03	1.94	94.72	819.62
1/2/2021 23:00	1.78	1.89	92.21	818.19
1/3/2021 0:00	1.67	1.82	92	816
1/3/2021 1:00	1.51	1.78	92.79	817.4
1/3/2021 2:00	1.5	1.75	93.34	818.07
1/3/2021 3:00	1.46	1.73	93.75	814.43
1/3/2021 4:00	1.4	1.77	94.31	824.71
1/3/2021 5:00	1.47	1.77	95.94	822.36
1/3/2021 6:00	1.53	1.83	97.89	836.14
1/3/2021 7:00	1.64	1.87	101.73	848.51
1/3/2021 8:00	1.74	1.85	103.01	846.86
1/3/2021 9:00	1.94	1.89	103.15	847.56
1/3/2021 10:00	2.02	1.94	103.36	846.34
1/3/2021 11:00	2.1	1.98	103.85	848.98
1/3/2021 12:00	2.26	2.04	104.88	850.5
1/3/2021 13:00	2.4	2.09	103.56	850.41
1/3/2021 14:00	2.31	2.03	102.9	849.67
1/3/2021 15:00	2.31	1.99	102.52	850.84
1/3/2021 16:00	2.28	2.04	102.41	852.82
1/3/2021 17:00	2.44	2.17	103.12	858.01
1/3/2021 18:00	2.58	2.15	102.63	857.44
1/3/2021 19:00	2.52	2.12	100.32	853.45
1/3/2021 20:00	2.41	2.12	97.96	856.8
1/3/2021 21:00	2.24	2	94.59	854.88
1/3/2021 22:00	2.01	1.89	91.67	858.37
1/3/2021 23:00	1.71	1.82	91.02	880.36
1/4/2021 0:00	1.65	1.79	90.96	903.08
1/4/2021 1:00	1.53	1.77	90.79	928.38
1/4/2021 2:00	1.43	1.72	91.15	936.04
1/4/2021 3:00	1.41	1.73	91.1	939.19
1/4/2021 4:00	1.39	1.73	92.83	958.88
1/4/2021 5:00	1.45	1.79	97.22	988.65
1/4/2021 6:00	1.57	1.94	106.6	1072.74
1/4/2021 7:00	1.78	2.27	120.82	1152.48
1/4/2021 8:00	1.93	2.52	130.85	1217.97
1/4/2021 9:00	1.89	2.75	135.93	1241
1/4/2021 10:00	1.82	2.81	137.68	1244.97
1/4/2021 11:00	1.86	2.94	136.97	1268.81
1/4/2021 12:00	1.86	3	135.93	1282.71
1/4/2021 13:00	1.89	2.89	134.18	1278.2
1/4/2021 14:00	1.75	2.95	135.08	1276.92
1/4/2021 15:00	1.9	2.87	133.19	1264.38
1/4/2021 16:00	1.96	2.74	128.62	1230.57
1/4/2021 17:00	2.12	2.8	124.13	1206.68
1/4/2021 18:00	2.41	2.58	120.91	1190.05
1/4/2021 19:00	2.31	2.35	117.13	1188.4
1/4/2021 20:00	2.26	2.26	113.83	1173.9
1/4/2021 21:00	2.12	2.13	109.61	1155.51
1/4/2021 22:00	1.95	1.97	105.18	1151.9
1/4/2021 23:00	1.7	1.95	101.42	1132.21

1/5/2021 0:00	1.53	1.89	99.38	1112.16
1/5/2021 1:00	1.48	1.85	98.45	1092.5
1/5/2021 2:00	1.43	1.79	97.39	1078.55
1/5/2021 3:00	1.43	1.78	97.2	1078.85
1/5/2021 4:00	1.44	1.77	98.55	1080.83
1/5/2021 5:00	1.47	1.82	101.9	1112.91
1/5/2021 6:00	1.6	1.98	110.48	1200.74
1/5/2021 7:00	1.81	2.25	124.98	1283.04
1/5/2021 8:00	1.93	2.59	134.81	1331.96
1/5/2021 9:00	1.92	2.79	139.82	1343.94
1/5/2021 10:00	1.79	2.89	141.37	1330.31
1/5/2021 11:00	1.87	3	142.3	1327.39
1/5/2021 12:00	1.92	3.04	142.28	1325.18
1/5/2021 13:00	1.99	2.92	139.7	1314.63
1/5/2021 14:00	1.89	2.94	140.14	1322.48
1/5/2021 15:00	1.88	2.89	138.3	1305.38
1/5/2021 16:00	1.98	2.77	133.47	1288.85
1/5/2021 17:00	2.16	2.73	128.98	1261.41
1/5/2021 18:00	2.42	2.46	124.5	1241.12
1/5/2021 19:00	2.39	2.33	120.77	1220.48
1/5/2021 20:00	2.37	2.24	116.96	1215.97
1/5/2021 21:00	2.22	2.09	112.57	1206.52
1/5/2021 22:00	2.02	1.97	108.17	1182.69
1/5/2021 23:00	1.75	1.82	105.46	1164.9
1/6/2021 0:00	1.57	1.77	103.26	1143.69
1/6/2021 1:00	1.47	1.78	101.74	1115.05
1/6/2021 2:00	1.4	1.73	100.8	1090.57
1/6/2021 3:00	1.35	1.73	100.92	1089.27
1/6/2021 4:00	1.39	1.75	102.6	1101.45
1/6/2021 5:00	1.47	1.75	106.11	1133.01
1/6/2021 6:00	1.64	1.95	114.24	1223.69
1/6/2021 7:00	1.68	2.27	127.93	1304.09
1/6/2021 8:00	1.75	2.57	137.94	1346.12
1/6/2021 9:00	1.84	2.79	142.32	1349.38
1/6/2021 10:00	1.94	2.89	144.43	1330.3
1/6/2021 11:00	1.88	3	145.85	1325.43
1/6/2021 12:00	1.89	3.09	145.93	1320.73
1/6/2021 13:00	1.88	2.94	143.49	1298
1/6/2021 14:00	1.79	2.94	144.12	1339.33
1/6/2021 15:00	1.78	2.96	142.1	1334.76
1/6/2021 16:00	1.95	2.81	138.52	1302.36
1/6/2021 17:00	2.2	2.72	133.9	1249.63
1/6/2021 18:00	2.47	2.49	130.09	1227.43
1/6/2021 19:00	2.43	2.31	126.78	1211.93
1/6/2021 20:00	2.49	2.25	124.15	1197.4
1/6/2021 21:00	2.29	2.1	120.02	1192.26
1/6/2021 22:00	2	1.98	116.04	1178.24
1/6/2021 23:00	1.83	1.89	113.4	1169.48
1/7/2021 0:00	1.61	1.87	111.11	1129.94
1/7/2021 1:00	1.48	1.84	109.96	1089.69
1/7/2021 2:00	1.44	1.8	108.55	1075.84
1/7/2021 3:00	1.42	1.79	108.02	1060.79
1/7/2021 4:00	1.43	1.8	109.13	1060.69

1/7/2021 5:00	1.48	1.8	112.97	1094.08
1/7/2021 6:00	1.59	2	120.96	1177.44
1/7/2021 7:00	1.78	2.31	135.36	1268.65
1/7/2021 8:00	1.89	2.55	146.33	1309.69
1/7/2021 9:00	1.86	2.77	150.44	1327.93
1/7/2021 10:00	1.86	2.88	149.79	1320.26
1/7/2021 11:00	1.84	3.11	149.52	1327.48
1/7/2021 12:00	1.87	3.11	148.6	1317.62
1/7/2021 13:00	1.8	3	147.09	1296.2
1/7/2021 14:00	1.78	3	147.8	1318.33
1/7/2021 15:00	1.77	2.95	146.18	1299.11
1/7/2021 16:00	1.93	2.7	140.88	1279.12
1/7/2021 17:00	2.04	2.66	137.17	1245.4
1/7/2021 18:00	2.23	2.49	133.76	1233.16
1/7/2021 19:00	2.43	2.4	130.84	1222.36
1/7/2021 20:00	2.36	2.28	127.6	1207.86
1/7/2021 21:00	2.3	2.14	123.84	1186.55
1/7/2021 22:00	2.05	2.06	119.83	1174.22
1/7/2021 23:00	1.83	1.98	116.43	1159.86
1/8/2021 0:00	1.64	1.89	114.52	1124.22
1/8/2021 1:00	1.62	1.88	112.82	1093.53
1/8/2021 2:00	1.52	1.87	112.05	1077.29
1/8/2021 3:00	1.47	1.85	111.57	1064.18
1/8/2021 4:00	1.48	1.88	112.82	1060.14
1/8/2021 5:00	1.52	1.93	116.17	1104.88
1/8/2021 6:00	1.69	2.1	123.64	1171.51
1/8/2021 7:00	1.83	2.42	136.67	1248.16
1/8/2021 8:00	1.93	2.63	144.78	1293.88
1/8/2021 9:00	2.02	2.88	145.82	1295.1
1/8/2021 10:00	1.99	2.85	145.23	1277.38
1/8/2021 11:00	1.99	2.93	145.69	1278.85
1/8/2021 12:00	1.93	2.91	145.04	1268.19
1/8/2021 13:00	1.92	2.86	142.77	1244.53
1/8/2021 14:00	1.77	2.87	141.81	1243.3
1/8/2021 15:00	1.81	2.83	139.73	1213.43
1/8/2021 16:00	1.9	2.63	134.75	1195.86
1/8/2021 17:00	1.99	2.68	131.74	1184
1/8/2021 18:00	2.38	2.54	129.63	1172.88
1/8/2021 19:00	2.32	2.4	126.49	1143.13
1/8/2021 20:00	2.27	2.26	123.65	1130.46
1/8/2021 21:00	2.22	2.14	120.17	1127.92
1/8/2021 22:00	2.08	2.13	115.7	1103.99
1/8/2021 23:00	1.89	2	111.46	1070.11
1/9/2021 0:00	1.74	1.91	109.21	1024.73
1/9/2021 1:00	1.68	1.89	107.18	989.91
1/9/2021 2:00	1.6	1.88	106.53	960.78
1/9/2021 3:00	1.54	1.86	106.28	954.31
1/9/2021 4:00	1.58	1.85	106.81	960.55
1/9/2021 5:00	1.56	1.86	108.71	982.51
1/9/2021 6:00	1.62	1.93	112.68	1003.99
1/9/2021 7:00	1.68	2.03	118.43	1027.38
1/9/2021 8:00	1.82	2.1	118.47	1030.08
1/9/2021 9:00	1.98	2.2	118.91	1017.71

1/9/2021 10:00	2.04	2.27	117.6	1001.12
1/9/2021 11:00	2.08	2.3	116.92	993.28
1/9/2021 12:00	2.13	2.34	115.35	985.68
1/9/2021 13:00	2.11	2.23	113.31	989.44
1/9/2021 14:00	2.13	2.22	113.17	985.59
1/9/2021 15:00	2.19	2.22	112.42	978.1
1/9/2021 16:00	2.15	2.24	110.68	964.47
1/9/2021 17:00	2.36	2.3	110.88	964.59
1/9/2021 18:00	2.5	2.27	110.58	958.51
1/9/2021 19:00	2.51	2.28	109.6	944.89
1/9/2021 20:00	2.33	2.21	108.43	937.92
1/9/2021 21:00	2.21	2.07	105.61	937.91
1/9/2021 22:00	1.98	2	102.19	931.37
1/9/2021 23:00	1.78	1.98	100.14	922.27
1/10/2021 0:00	1.64	1.87	98.61	908.66
1/10/2021 1:00	1.53	1.83	97.9	899.76
1/10/2021 2:00	1.47	1.79	97.88	898.05
1/10/2021 3:00	1.47	1.8	97.93	893.22
1/10/2021 4:00	1.46	1.81	99.22	892.96
1/10/2021 5:00	1.51	1.86	100.01	899.08
1/10/2021 6:00	1.57	2.06	102.14	914.58
1/10/2021 7:00	1.7	2.13	106.47	919.87
1/10/2021 8:00	1.82	2.04	106.54	896.25
1/10/2021 9:00	1.95	2.09	106.64	872.87
1/10/2021 10:00	2.19	2.12	107.18	875.56
1/10/2021 11:00	2.12	2.1	107.24	878.44
1/10/2021 12:00	2.1	2.19	107.7	867.09
1/10/2021 13:00	2.16	2.13	106.86	865.69
1/10/2021 14:00	2.17	2.17	104.47	858.72
1/10/2021 15:00	2.19	2.18	103.52	843.48
1/10/2021 16:00	2.25	2.18	103.87	850.29
1/10/2021 17:00	2.49	2.29	105.6	861.91
1/10/2021 18:00	2.65	2.4	107.08	865.34
1/10/2021 19:00	2.6	2.35	106.27	870.58
1/10/2021 20:00	2.48	2.35	105.02	877.16
1/10/2021 21:00	2.29	2.29	103.1	873.72
1/10/2021 22:00	2.08	2.2	101.69	876.36
1/10/2021 23:00	1.88	2.15	101.93	899.02
1/11/2021 0:00	1.67	2.11	102.25	933.92
1/11/2021 1:00	1.57	2.08	102.1	957.33
1/11/2021 2:00	1.57	2.05	102.91	960.02
1/11/2021 3:00	1.51	2.05	102.77	966.61
1/11/2021 4:00	1.58	2.1	104.1	994.81
1/11/2021 5:00	1.62	2.12	109.35	1044.69
1/11/2021 6:00	1.75	2.32	118.59	1163.68
1/11/2021 7:00	1.96	2.61	133.29	1262.72
1/11/2021 8:00	2.02	2.89	143.67	1315.61
1/11/2021 9:00	2.09	3.16	148.62	1349.95
1/11/2021 10:00	2.05	3.03	149.08	1361.67
1/11/2021 11:00	2.06	3.21	150.51	1372.27
1/11/2021 12:00	2.09	3.17	150.38	1373.59
1/11/2021 13:00	2.05	2.97	148.92	1356.2
1/11/2021 14:00	2.01	3.03	150.8	1385.14

1/11/2021 15:00	2	3.01	148.27	1368.57
1/11/2021 16:00	2.06	2.83	143.33	1353.31
1/11/2021 17:00	2.31	2.82	137.81	1303.37
1/11/2021 18:00	2.67	2.64	133.78	1282.14
1/11/2021 19:00	2.64	2.41	129.4	1255.65
1/11/2021 20:00	2.43	2.25	125.65	1251.41
1/11/2021 21:00	2.25	2.11	121.38	1241.99
1/11/2021 22:00	2.04	2.03	116.9	1220.66
1/11/2021 23:00	1.86	1.94	113.23	1209.13
1/12/2021 0:00	1.65	1.86	111.45	1182.04
1/12/2021 1:00	1.56	1.87	110.16	1146.25
1/12/2021 2:00	1.5	1.83	109.08	1122.83
1/12/2021 3:00	1.48	1.84	107.79	1114.1
1/12/2021 4:00	1.52	1.88	108.57	1116.92
1/12/2021 5:00	1.52	1.93	112.01	1160.11
1/12/2021 6:00	1.63	2.09	119.55	1250.34
1/12/2021 7:00	1.77	2.39	133.71	1335.65
1/12/2021 8:00	1.88	2.7	142.98	1386.46
1/12/2021 9:00	1.9	2.93	146.72	1391.46
1/12/2021 10:00	1.88	2.97	146.23	1366.94
1/12/2021 11:00	1.9	3.05	146.46	1376.47
1/12/2021 12:00	1.8	3.09	145.43	1375.51
1/12/2021 13:00	1.87	3	142.88	1355.95
1/12/2021 14:00	1.8	3.01	143.66	1377.17
1/12/2021 15:00	1.71	2.95	141.18	1352.25
1/12/2021 16:00	1.75	2.78	136.65	1337.89
1/12/2021 17:00	2.03	2.72	131.86	1296.91
1/12/2021 18:00	2.37	2.51	127.11	1279.33
1/12/2021 19:00	2.35	2.35	122.97	1266.12
1/12/2021 20:00	2.23	2.22	120.03	1244.47
1/12/2021 21:00	2.24	2.12	116.61	1223.32
1/12/2021 22:00	2	2.02	111.79	1212.35
1/12/2021 23:00	1.72	1.9	109.21	1199.03
1/13/2021 0:00	1.54	1.8	107.79	1169.63
1/13/2021 1:00	1.4	1.82	106.28	1135.71
1/13/2021 2:00	1.36	1.74	105.22	1132.07
1/13/2021 3:00	1.37	1.73	105.41	1112.8
1/13/2021 4:00	1.4	1.78	106.59	1118.96
1/13/2021 5:00	1.44	1.81	110.83	1154.95
1/13/2021 6:00	1.58	1.96	118.54	1241.5
1/13/2021 7:00	1.72	2.27	132.37	1320.75
1/13/2021 8:00	1.94	2.66	141.68	1368.84
1/13/2021 9:00	2	2.86	145.19	1377.85
1/13/2021 10:00	1.95	2.88	144.67	1360.57
1/13/2021 11:00	1.98	3.03	143.38	1377.67
1/13/2021 12:00	1.99	3.14	142.7	1382.96
1/13/2021 13:00	2	3.11	139.31	1349.43
1/13/2021 14:00	1.87	3.09	139.01	1372.59
1/13/2021 15:00	1.91	2.94	137.81	1362.58
1/13/2021 16:00	1.86	2.77	134.27	1341.71
1/13/2021 17:00	2.13	2.69	129.63	1297.5
1/13/2021 18:00	2.38	2.5	125.04	1277.67
1/13/2021 19:00	2.31	2.41	121.17	1256.19

1/13/2021 20:00	2.32	2.31	117.61	1245.81
1/13/2021 21:00	2.19	2.22	112.48	1239.44
1/13/2021 22:00	1.94	2.01	105.94	1206.87
1/13/2021 23:00	1.67	1.89	102.1	1192.21
1/14/2021 0:00	1.48	1.83	99.85	1170.87
1/14/2021 1:00	1.37	1.77	98.43	1138.04
1/14/2021 2:00	1.35	1.8	96.74	1107.52
1/14/2021 3:00	1.36	1.76	96.38	1083.05
1/14/2021 4:00	1.35	1.8	97.59	1091.23
1/14/2021 5:00	1.43	1.85	101.53	1136.18
1/14/2021 6:00	1.57	2	110.23	1220.75
1/14/2021 7:00	1.74	2.29	124.73	1313.05
1/14/2021 8:00	1.79	2.62	135.14	1354.92
1/14/2021 9:00	1.88	2.87	138.23	1368.93
1/14/2021 10:00	1.95	2.92	138.26	1361.31
1/14/2021 11:00	1.87	3.05	139.24	1364.63
1/14/2021 12:00	1.95	3.09	137.74	1360.2
1/14/2021 13:00	1.9	2.93	135.5	1344.3
1/14/2021 14:00	1.94	3.02	137.68	1365.41
1/14/2021 15:00	1.85	2.99	134.87	1354.46
1/14/2021 16:00	1.81	2.8	131.92	1322.4
1/14/2021 17:00	2.13	2.75	126.22	1294.93
1/14/2021 18:00	2.4	2.52	121.23	1267.38
1/14/2021 19:00	2.32	2.34	117.5	1261.05
1/14/2021 20:00	2.23	2.25	113.74	1249.98
1/14/2021 21:00	2.12	2.08	109.21	1237.15
1/14/2021 22:00	1.92	1.98	104.59	1208.71
1/14/2021 23:00	1.7	1.89	99.74	1200.74
1/15/2021 0:00	1.46	1.84	96.87	1179.72
1/15/2021 1:00	1.42	1.75	95.02	1158.64
1/15/2021 2:00	1.35	1.71	94.05	1124.61
1/15/2021 3:00	1.31	1.71	92.85	1114.71
1/15/2021 4:00	1.34	1.72	94.08	1115.05
1/15/2021 5:00	1.36	1.76	97.94	1144.49
1/15/2021 6:00	1.53	2	106.47	1226.86
1/15/2021 7:00	1.63	2.24	119.49	1303.59
1/15/2021 8:00	1.8	2.51	128.41	1341.79
1/15/2021 9:00	1.82	2.66	132.89	1351.25
1/15/2021 10:00	1.77	2.75	132.34	1320.3
1/15/2021 11:00	1.88	2.81	132.2	1308.11
1/15/2021 12:00	1.81	2.79	131.01	1285.53
1/15/2021 13:00	1.71	2.71	128.43	1261.05
1/15/2021 14:00	1.65	2.69	128.16	1267.54
1/15/2021 15:00	1.73	2.65	125.4	1252.56
1/15/2021 16:00	1.78	2.56	120.59	1224.23
1/15/2021 17:00	1.95	2.59	117.23	1220.52
1/15/2021 18:00	2.27	2.46	113.75	1220.02
1/15/2021 19:00	2.22	2.28	110.26	1189.96
1/15/2021 20:00	2.09	2.19	107.09	1170.01
1/15/2021 21:00	1.92	2.1	102.89	1141.95
1/15/2021 22:00	1.85	1.98	97.9	1117.48
1/15/2021 23:00	1.66	1.9	93.26	1077.83
1/16/2021 0:00	1.5	1.81	90.43	1029.5

1/16/2021 1:00	1.38	1.77	88.05	998.6
1/16/2021 2:00	1.31	1.73	86.3	980.8
1/16/2021 3:00	1.29	1.67	85.77	972.65
1/16/2021 4:00	1.27	1.71	86.02	964.79
1/16/2021 5:00	1.26	1.71	87.53	976.57
1/16/2021 6:00	1.34	1.76	91.61	986.6
1/16/2021 7:00	1.5	1.85	97.84	987.8
1/16/2021 8:00	1.62	1.98	101.95	997.77
1/16/2021 9:00	1.8	2.09	103.79	984.86
1/16/2021 10:00	1.92	2.17	104.51	993.49
1/16/2021 11:00	1.99	2.24	104.95	993.53
1/16/2021 12:00	2.13	2.28	104.25	986.12
1/16/2021 13:00	2.16	2.18	101.9	982.98
1/16/2021 14:00	2.1	2.11	100.03	973.34
1/16/2021 15:00	2.02	2.09	98.41	959.18
1/16/2021 16:00	2.01	2.07	96.92	955.67
1/16/2021 17:00	2.09	2.18	97.81	942.87
1/16/2021 18:00	2.2	2.2	98.34	910.42
1/16/2021 19:00	2.23	2.1	96.76	891.56
1/16/2021 20:00	2.16	2.09	94.5	883.69
1/16/2021 21:00	1.91	2	91.6	872.65
1/16/2021 22:00	1.82	1.89	88.1	874.28
1/16/2021 23:00	1.64	1.83	85.83	871.2
1/17/2021 0:00	1.5	1.73	83.91	860.51
1/17/2021 1:00	1.4	1.72	83.14	852.33
1/17/2021 2:00	1.28	1.67	82.7	851.25
1/17/2021 3:00	1.24	1.71	81.84	852.85
1/17/2021 4:00	1.24	1.7	82.24	850.78
1/17/2021 5:00	1.24	1.69	83.83	848.91
1/17/2021 6:00	1.35	1.76	86.09	864.75
1/17/2021 7:00	1.46	1.81	89.87	871.87
1/17/2021 8:00	1.69	1.77	91.15	868.03
1/17/2021 9:00	1.86	1.82	92.58	858.05
1/17/2021 10:00	2	1.87	94.02	849.07
1/17/2021 11:00	2.09	1.98	95.33	857.9
1/17/2021 12:00	2.16	2.08	97.03	857.77
1/17/2021 13:00	2.16	2.08	97.37	859.39
1/17/2021 14:00	2.21	2.03	96.95	853.57
1/17/2021 15:00	2.07	2.03	96.71	853.12
1/17/2021 16:00	2.02	2.04	95.79	850.24
1/17/2021 17:00	2.23	2.14	96.57	854
1/17/2021 18:00	2.48	2.2	98.12	852.69
1/17/2021 19:00	2.41	2.18	96.41	845.16
1/17/2021 20:00	2.23	2.08	94.06	833.82
1/17/2021 21:00	2.04	1.97	90.52	834.46
1/17/2021 22:00	1.95	1.89	88.05	835.96
1/17/2021 23:00	1.77	1.82	87.45	846.07
1/18/2021 0:00	1.49	1.76	87.01	880.27
1/18/2021 1:00	1.43	1.75	86.56	896.36
1/18/2021 2:00	1.34	1.72	86.59	916.57
1/18/2021 3:00	1.31	1.71	87.27	916.07
1/18/2021 4:00	1.29	1.73	88.98	941.98
1/18/2021 5:00	1.32	1.75	93.12	978.28

1/18/2021 6:00	1.47	1.91	101.71	1048.3
1/18/2021 7:00	1.59	2.17	114.47	1119.35
1/18/2021 8:00	1.7	2.51	122.68	1164.73
1/18/2021 9:00	1.83	2.66	126.9	1189.27
1/18/2021 10:00	1.84	2.71	129	1192.97
1/18/2021 11:00	1.83	2.83	131.26	1203.26
1/18/2021 12:00	1.91	2.88	132.02	1199.31
1/18/2021 13:00	1.96	2.81	130.38	1186.73
1/18/2021 14:00	1.93	2.84	131.76	1202.67
1/18/2021 15:00	1.91	2.82	130.31	1193.4
1/18/2021 16:00	1.94	2.74	126.83	1195.73
1/18/2021 17:00	2.16	2.64	122.06	1174.29
1/18/2021 18:00	2.45	2.47	118.99	1174.23
1/18/2021 19:00	2.53	2.3	116.24	1175.46
1/18/2021 20:00	2.33	2.23	113.94	1165.04
1/18/2021 21:00	2.14	2.11	111.75	1157.96
1/18/2021 22:00	1.87	2.02	107.44	1145.2
1/18/2021 23:00	1.72	1.9	105.54	1139.17
1/19/2021 0:00	1.58	1.86	105	1121.22
1/19/2021 1:00	1.44	1.84	104.5	1116.13
1/19/2021 2:00	1.43	1.82	104.59	1102.89
1/19/2021 3:00	1.36	1.84	104.78	1090.54
1/19/2021 4:00	1.47	1.85	106.65	1093.53
1/19/2021 5:00	1.48	1.88	110.88	1135.91
1/19/2021 6:00	1.61	2.1	119.1	1215.85
1/19/2021 7:00	1.8	2.38	132.86	1304.74
1/19/2021 8:00	1.92	2.65	142.67	1350.42
1/19/2021 9:00	1.94	2.82	147.18	1359.9
1/19/2021 10:00	1.87	2.9	147.52	1344.68
1/19/2021 11:00	1.91	3.06	148.29	1352
1/19/2021 12:00	1.84	2.99	147.77	1335.79
1/19/2021 13:00	1.83	2.94	145.15	1334.77
1/19/2021 14:00	1.8	2.99	146.27	1365.25
1/19/2021 15:00	1.81	2.94	143.7	1338.11
1/19/2021 16:00	1.93	2.8	139.36	1301.27
1/19/2021 17:00	2.24	2.77	133.65	1267.05
1/19/2021 18:00	2.53	2.55	129.25	1247.32
1/19/2021 19:00	2.42	2.3	124.81	1241.56
1/19/2021 20:00	2.23	2.3	120.97	1218.4
1/19/2021 21:00	2.19	2.15	117.66	1222.17
1/19/2021 22:00	1.92	2.01	113.81	1200.74
1/19/2021 23:00	1.74	1.94	111.46	1194.71
1/20/2021 0:00	1.66	1.86	109.01	1175.44
1/20/2021 1:00	1.48	1.82	107	1149.48
1/20/2021 2:00	1.46	1.8	106.17	1126.41
1/20/2021 3:00	1.43	1.74	105.2	1121.79
1/20/2021 4:00	1.44	1.8	106.58	1131.87
1/20/2021 5:00	1.49	1.81	110.71	1166.89
1/20/2021 6:00	1.58	1.99	118.85	1248
1/20/2021 7:00	1.73	2.29	132.38	1330.26
1/20/2021 8:00	1.86	2.59	142.66	1364.8
1/20/2021 9:00	1.92	2.75	146.98	1386.44
1/20/2021 10:00	1.89	2.89	147.6	1363.58

1/20/2021 11:00	1.89	2.92	147.59	1379.7
1/20/2021 12:00	1.87	3.01	147.08	1346.9
1/20/2021 13:00	1.89	2.93	144.38	1351
1/20/2021 14:00	1.96	2.94	144.96	1351.44
1/20/2021 15:00	1.84	2.9	143.88	1345.1
1/20/2021 16:00	1.92	2.82	140.03	1338.21
1/20/2021 17:00	2.14	2.7	134.89	1316.93
1/20/2021 18:00	2.43	2.6	131.38	1296.64
1/20/2021 19:00	2.45	2.44	127.63	1268.5
1/20/2021 20:00	2.3	2.3	124.79	1260.99
1/20/2021 21:00	2.19	2.18	122.61	1245.41
1/20/2021 22:00	2.07	2.06	118.25	1238.45
1/20/2021 23:00	1.94	1.99	115.35	1224.5
1/21/2021 0:00	1.75	1.92	113.11	1199.47
1/21/2021 1:00	1.64	1.93	110.88	1172.36
1/21/2021 2:00	1.53	1.9	110.34	1153.78
1/21/2021 3:00	1.54	1.9	109.97	1143.04
1/21/2021 4:00	1.58	1.9	111.28	1143.14
1/21/2021 5:00	1.63	1.94	115.14	1185.47
1/21/2021 6:00	1.75	2.09	123.27	1264.8
1/21/2021 7:00	1.88	2.38	135.9	1341.59
1/21/2021 8:00	1.99	2.69	144.98	1389.85
1/21/2021 9:00	2.06	2.86	149.43	1389.32
1/21/2021 10:00	2.02	2.9	150.34	1388.63
1/21/2021 11:00	2.12	3.03	150.72	1408.58
1/21/2021 12:00	2.08	3.03	149.48	1403.99
1/21/2021 13:00	2.12	3.02	147.93	1384.94
1/21/2021 14:00	2.15	3.03	148.1	1392.58
1/21/2021 15:00	2.08	2.97	144.48	1362.95
1/21/2021 16:00	2.09	2.93	138.89	1355.6
1/21/2021 17:00	2.3	2.81	132.36	1321.29
1/21/2021 18:00	2.57	2.62	127.38	1310.8
1/21/2021 19:00	2.5	2.39	123.28	1291.81
1/21/2021 20:00	2.43	2.29	120.07	1276.9
1/21/2021 21:00	2.32	2.14	114.57	1254.6
1/21/2021 22:00	2.08	2.05	107.01	1236.94
1/21/2021 23:00	1.82	1.96	102.12	1219.88
1/22/2021 0:00	1.7	1.85	99.25	1181.93
1/22/2021 1:00	1.56	1.84	97.48	1140.92
1/22/2021 2:00	1.49	1.81	96.81	1110.2
1/22/2021 3:00	1.48	1.79	95.95	1102.27
1/22/2021 4:00	1.52	1.8	96.77	1100.45
1/22/2021 5:00	1.55	1.84	101.04	1126.68
1/22/2021 6:00	1.65	2.06	109	1192.54
1/22/2021 7:00	1.77	2.35	122.07	1289.81
1/22/2021 8:00	1.94	2.64	130.73	1323.37
1/22/2021 9:00	1.93	2.85	134.86	1337.51
1/22/2021 10:00	2	2.93	135.65	1332.71
1/22/2021 11:00	1.95	3.01	135.53	1322.23
1/22/2021 12:00	1.96	2.95	133.74	1306.83
1/22/2021 13:00	1.85	2.79	131.84	1296.73
1/22/2021 14:00	1.7	2.82	132.63	1290.76
1/22/2021 15:00	1.78	2.72	129.7	1255.42

1/22/2021 16:00	1.83	2.59	124.57	1244.41
1/22/2021 17:00	1.91	2.6	121.37	1238.83
1/22/2021 18:00	2.24	2.46	118.6	1219.92
1/22/2021 19:00	2.31	2.33	115.12	1198.59
1/22/2021 20:00	2.09	2.24	112.45	1176.52
1/22/2021 21:00	1.97	2.14	108.05	1159.98
1/22/2021 22:00	1.92	2.03	102.71	1140.05
1/22/2021 23:00	1.71	1.88	98.46	1105.04
1/23/2021 0:00	1.58	1.85	95.19	1068.17
1/23/2021 1:00	1.5	1.85	93.37	1031.07
1/23/2021 2:00	1.51	1.8	93.28	1012.2
1/23/2021 3:00	1.48	1.8	93.97	997.74
1/23/2021 4:00	1.46	1.77	94.9	995.52
1/23/2021 5:00	1.45	1.81	97.2	1013.07
1/23/2021 6:00	1.54	1.87	102.37	1028.79
1/23/2021 7:00	1.71	1.96	108.93	1037.53
1/23/2021 8:00	1.84	2	110.78	1043.1
1/23/2021 9:00	1.93	2.21	113.37	1032.24
1/23/2021 10:00	2.04	2.3	114.63	1015.52
1/23/2021 11:00	2.22	2.3	115.23	1010.45
1/23/2021 12:00	2.22	2.35	114.79	1003.97
1/23/2021 13:00	2.22	2.31	113.08	998.49
1/23/2021 14:00	2.2	2.28	112.48	996.33
1/23/2021 15:00	2.14	2.28	110.85	986.54
1/23/2021 16:00	2.23	2.29	110.04	976.52
1/23/2021 17:00	2.45	2.36	111.08	986.24
1/23/2021 18:00	2.68	2.44	112.07	984.39
1/23/2021 19:00	2.67	2.44	111.09	968.55
1/23/2021 20:00	2.35	2.38	110.06	965.03
1/23/2021 21:00	2.41	2.3	107.29	957.9
1/23/2021 22:00	2.26	2.22	103.97	950.03
1/23/2021 23:00	2.08	2.21	101.42	949.01
1/24/2021 0:00	1.95	2.21	99.81	942.57
1/24/2021 1:00	1.87	2.18	98.86	939.15
1/24/2021 2:00	1.87	2.14	98.73	933.11
1/24/2021 3:00	1.8	2.14	98.52	934.14
1/24/2021 4:00	1.78	2.15	99.03	934.27
1/24/2021 5:00	1.84	2.17	100.51	934.85
1/24/2021 6:00	1.84	2.23	103.3	949.8
1/24/2021 7:00	1.95	2.28	106.96	950.4
1/24/2021 8:00	2.15	2.25	107.61	933.71
1/24/2021 9:00	2.39	2.26	107.07	919.59
1/24/2021 10:00	2.43	2.28	107.28	892.41
1/24/2021 11:00	2.47	2.36	106.91	889.65
1/24/2021 12:00	2.6	2.5	106.78	892.46
1/24/2021 13:00	2.54	2.49	105.8	883.82
1/24/2021 14:00	2.41	2.38	105.53	884.4
1/24/2021 15:00	2.43	2.18	104.95	877.77
1/24/2021 16:00	2.46	2.14	104.89	882.69
1/24/2021 17:00	2.53	2.22	104.88	894.67
1/24/2021 18:00	2.75	2.36	107.34	898.65
1/24/2021 19:00	2.78	2.32	106.42	888.06
1/24/2021 20:00	2.68	2.3	104.4	885.99

1/24/2021 21:00	2.46	2.18	101.92	886.84
1/24/2021 22:00	2.27	2.1	100.7	894.63
1/24/2021 23:00	2.04	2.05	101.25	902.64
1/25/2021 0:00	1.81	2.01	101.42	939.69
1/25/2021 1:00	1.76	2.01	101.73	975.71
1/25/2021 2:00	1.71	1.95	102.51	994.4
1/25/2021 3:00	1.67	1.93	102.8	993.17
1/25/2021 4:00	1.69	1.97	104.25	1013.82
1/25/2021 5:00	1.75	2.01	108.83	1071.68
1/25/2021 6:00	1.87	2.19	117.03	1168.56
1/25/2021 7:00	2.03	2.51	128.2	1259.08
1/25/2021 8:00	2.22	2.79	138.95	1311.18
1/25/2021 9:00	2.18	3.04	144.29	1343.51
1/25/2021 10:00	2.03	3.15	144.7	1312.32
1/25/2021 11:00	2.12	3.27	144.54	1346.83
1/25/2021 12:00	2.09	3.2	143.93	1348.73
1/25/2021 13:00	1.98	3.13	141.57	1330.92
1/25/2021 14:00	1.95	3.17	141.54	1343.19
1/25/2021 15:00	1.93	3.15	138.84	1314.32
1/25/2021 16:00	1.93	2.94	134.15	1316.68
1/25/2021 17:00	2.32	2.78	128.52	1295.53
1/25/2021 18:00	2.59	2.67	126.18	1277.01
1/25/2021 19:00	2.63	2.49	122.61	1266.81
1/25/2021 20:00	2.5	2.38	119.52	1261.81
1/25/2021 21:00	2.33	2.26	116.98	1254.86
1/25/2021 22:00	2.15	2.17	112.83	1232.98
1/25/2021 23:00	1.88	2.07	111.06	1219.63
1/26/2021 0:00	1.77	2.01	109.37	1197.3
1/26/2021 1:00	1.63	2	107.79	1168.47
1/26/2021 2:00	1.62	1.98	107.58	1149.98
1/26/2021 3:00	1.55	1.97	107.21	1135.5
1/26/2021 4:00	1.63	1.98	108.62	1145.16
1/26/2021 5:00	1.67	2.04	112.63	1185.51
1/26/2021 6:00	1.76	2.25	119.84	1268.92
1/26/2021 7:00	1.96	2.58	131.62	1358.67
1/26/2021 8:00	2.13	2.9	140.29	1401.86
1/26/2021 9:00	2.09	3.11	144.29	1401.52
1/26/2021 10:00	1.98	3.08	144.22	1366.88
1/26/2021 11:00	1.97	3.15	144.1	1396.18
1/26/2021 12:00	2.01	3.17	144.08	1384.35
1/26/2021 13:00	2.03	3.12	141.09	1368.37
1/26/2021 14:00	1.91	3.15	141.12	1395.3
1/26/2021 15:00	1.83	3.17	139.38	1373.33
1/26/2021 16:00	2.06	3.08	134.96	1349.4
1/26/2021 17:00	2.17	2.94	128.58	1318.64
1/26/2021 18:00	2.4	2.74	124.08	1292.78
1/26/2021 19:00	2.42	2.48	120.07	1277.62
1/26/2021 20:00	2.4	2.43	116.67	1282.02
1/26/2021 21:00	2.27	2.27	112.2	1272.24
1/26/2021 22:00	1.98	2.14	106.71	1250.2
1/26/2021 23:00	1.72	2.05	102.84	1234.96
1/27/2021 0:00	1.62	1.99	100.23	1213.31
1/27/2021 1:00	1.48	1.95	98.52	1190.08

1/27/2021 2:00	1.42	1.92	97.65	1169.08
1/27/2021 3:00	1.47	1.89	97.38	1155.4
1/27/2021 4:00	1.48	1.9	98.63	1159.61
1/27/2021 5:00	1.54	1.93	102.56	1188.57
1/27/2021 6:00	1.59	2.15	110.64	1273.31
1/27/2021 7:00	1.78	2.43	124.77	1356.17
1/27/2021 8:00	1.89	2.67	134.45	1397.06
1/27/2021 9:00	1.93	2.87	139.69	1405.26
1/27/2021 10:00	1.91	2.99	140.87	1395.49
1/27/2021 11:00	1.98	3.06	141.45	1417.79
1/27/2021 12:00	1.91	3.15	140.69	1408.05
1/27/2021 13:00	1.9	3.02	137.93	1379.71
1/27/2021 14:00	1.86	3.07	138.73	1386.15
1/27/2021 15:00	1.86	3.04	136.06	1352.03
1/27/2021 16:00	1.88	2.93	131.85	1330.16
1/27/2021 17:00	1.98	2.75	126.13	1306.95
1/27/2021 18:00	2.27	2.57	122.71	1290.52
1/27/2021 19:00	2.41	2.44	118.41	1275.81
1/27/2021 20:00	2.32	2.33	115.04	1270.16
1/27/2021 21:00	2.13	2.15	110.66	1268.81
1/27/2021 22:00	1.93	2.07	104.92	1252.54
1/27/2021 23:00	1.71	1.96	100.93	1222.95
1/28/2021 0:00	1.6	1.91	98.27	1195.59
1/28/2021 1:00	1.41	1.88	96.35	1165.49
1/28/2021 2:00	1.38	1.82	95.38	1133.92
1/28/2021 3:00	1.36	1.81	94.79	1132.3
1/28/2021 4:00	1.41	1.83	95.84	1146.16
1/28/2021 5:00	1.47	1.86	100.09	1195.79
1/28/2021 6:00	1.58	2.04	109	1265.57
1/28/2021 7:00	1.72	2.38	123.96	1356.89
1/28/2021 8:00	1.85	2.71	134.32	1399.14
1/28/2021 9:00	1.93	2.89	139.82	1409.35
1/28/2021 10:00	1.9	2.96	141.76	1392.85
1/28/2021 11:00	1.91	3.08	142.88	1392.91
1/28/2021 12:00	1.93	3.16	142.92	1383.99
1/28/2021 13:00	1.94	3.11	139.94	1368.79
1/28/2021 14:00	1.97	3.14	139.77	1383.18
1/28/2021 15:00	1.92	3.08	137.18	1367.24
1/28/2021 16:00	1.91	2.99	133.08	1336.05
1/28/2021 17:00	2.15	2.9	129.04	1312.65
1/28/2021 18:00	2.42	2.76	126.72	1294
1/28/2021 19:00	2.44	2.56	123.43	1273.06
1/28/2021 20:00	2.44	2.46	119.64	1266.31
1/28/2021 21:00	2.35	2.35	117.48	1251.04
1/28/2021 22:00	2.17	2.24	113.68	1231.74
1/28/2021 23:00	1.94	2.15	111.29	1220.16
1/29/2021 0:00	1.84	2.07	110.04	1208.97
1/29/2021 1:00	1.77	2.09	108.45	1171.92
1/29/2021 2:00	1.71	2.06	108.28	1156.15
1/29/2021 3:00	1.67	2.08	108.26	1147.25
1/29/2021 4:00	1.74	2.12	109.36	1158.26
1/29/2021 5:00	1.8	2.13	112.96	1187.42
1/29/2021 6:00	1.98	2.32	120.08	1246.68

1/29/2021 7:00	2.15	2.65	130.49	1323.67
1/29/2021 8:00	2.26	2.91	138.44	1365.6
1/29/2021 9:00	2.35	3.11	143.66	1370.17
1/29/2021 10:00	2.46	3.21	142.78	1349.57
1/29/2021 11:00	2.47	3.34	142.42	1360.43
1/29/2021 12:00	2.49	3.34	141.15	1357.93
1/29/2021 13:00	2.46	3.23	138.56	1316.46
1/29/2021 14:00	2.44	3.19	137.23	1303.04
1/29/2021 15:00	2.33	3.14	133.55	1275.58
1/29/2021 16:00	2.29	2.97	128.39	1268.42
1/29/2021 17:00	2.47	2.98	124.74	1255.5
1/29/2021 18:00	2.77	2.83	123.2	1251.25
1/29/2021 19:00	2.73	2.69	120.48	1221.6
1/29/2021 20:00	2.72	2.57	117.48	1208.26
1/29/2021 21:00	2.67	2.47	113.99	1197.91
1/29/2021 22:00	2.49	2.37	109.42	1180.49
1/29/2021 23:00	2.33	2.32	105.22	1129.68
1/30/2021 0:00	2.1	2.23	101.89	1079.38
1/30/2021 1:00	1.96	2.15	100.05	1034.43
1/30/2021 2:00	1.91	2.1	99.4	1026.24
1/30/2021 3:00	1.84	2.11	99.13	1019.47
1/30/2021 4:00	1.87	2.15	99.71	1020.08
1/30/2021 5:00	1.84	2.15	102.01	1026.73
1/30/2021 6:00	1.91	2.16	105.1	1042.46
1/30/2021 7:00	2.11	2.26	109.54	1047.57
1/30/2021 8:00	2.39	2.34	109.85	1038.85
1/30/2021 9:00	2.44	2.43	111.05	1024.87
1/30/2021 10:00	2.55	2.45	111.89	1011.54
1/30/2021 11:00	2.57	2.55	111.62	1007.04
1/30/2021 12:00	2.49	2.68	110.32	1003.06
1/30/2021 13:00	2.45	2.7	107.72	986.56
1/30/2021 14:00	2.48	2.67	106.72	974.97
1/30/2021 15:00	2.35	2.64	105.37	970.52
1/30/2021 16:00	2.45	2.64	104.26	968.51
1/30/2021 17:00	2.53	2.73	104.39	978.02
1/30/2021 18:00	2.96	2.73	106.2	976.37
1/30/2021 19:00	2.97	2.65	105.41	966.05
1/30/2021 20:00	2.7	2.59	103.9	963.53
1/30/2021 21:00	2.65	2.45	101.27	956.34
1/30/2021 22:00	2.45	2.38	97.68	950.25
1/30/2021 23:00	2.28	2.32	95.17	939.29
1/31/2021 0:00	2.09	2.23	93.67	928.2
1/31/2021 1:00	1.99	2.22	92.89	921.84
1/31/2021 2:00	1.93	2.19	92.32	919.19
1/31/2021 3:00	1.92	2.19	91.9	915.78
1/31/2021 4:00	1.91	2.18	92.57	911.83
1/31/2021 5:00	1.93	2.24	93.95	917.61
1/31/2021 6:00	2.05	2.28	96.43	923.98
1/31/2021 7:00	2.19	2.32	100.26	941.51
1/31/2021 8:00	2.37	2.27	100.67	927.24
1/31/2021 9:00	2.54	2.32	102.45	909.4
1/31/2021 10:00	2.46	2.36	102.64	902.41
1/31/2021 11:00	2.43	2.34	102.55	901.25

1/31/2021 12:00	2.59	2.39	102.26	870.37
1/31/2021 13:00	2.6	2.36	101.14	864.38
1/31/2021 14:00	2.5	2.32	100.72	885.93
1/31/2021 15:00	2.41	2.29	100.5	880.5
1/31/2021 16:00	2.47	2.25	100.05	882.96
1/31/2021 17:00	2.6	2.32	99.25	894.64
1/31/2021 18:00	2.91	2.5	101.08	903.07
1/31/2021 19:00	2.9	2.43	100.02	898.38
1/31/2021 20:00	2.85	2.39	97.93	902.24
1/31/2021 21:00	2.69	2.28	94.94	896.83
1/31/2021 22:00	2.39	2.2	93.1	905.58
1/31/2021 23:00	2.16	2.14	92.7	925.67
2/1/2021 0:00	1.97	2.15	93.07	958.92
2/1/2021 1:00	1.89	2.12	93.43	982.11
2/1/2021 2:00	1.82	2.09	93.85	1007.68
2/1/2021 3:00	1.81	2.12	94	1009.88
2/1/2021 4:00	1.79	2.13	96.17	1025.21
2/1/2021 5:00	1.89	2.18	100.32	1090.21
2/1/2021 6:00	1.98	2.31	109.5	1176.2
2/1/2021 7:00	2.23	2.71	124.98	1270.31
2/1/2021 8:00	2.41	2.95	135.02	1330.28
2/1/2021 9:00	2.31	3.21	141.56	1356.42
2/1/2021 10:00	2.17	3.25	144.34	1362.18
2/1/2021 11:00	2.24	3.37	145.44	1390.22
2/1/2021 12:00	2.26	3.4	145.43	1393.9
2/1/2021 13:00	2.36	3.2	143.2	1377.17
2/1/2021 14:00	2.29	3.23	144.3	1385.97
2/1/2021 15:00	2.26	3.2	140.37	1353.47
2/1/2021 16:00	2.33	3.04	133.33	1321.6
2/1/2021 17:00	2.52	2.86	126.76	1276.79
2/1/2021 18:00	2.82	2.71	121.63	1241.97
2/1/2021 19:00	2.75	2.53	116.87	1223.24
2/1/2021 20:00	2.6	2.46	113.04	1210.78
2/1/2021 21:00	2.48	2.25	108.65	1190.5
2/1/2021 22:00	2.27	2.15	103.61	1162.6
2/1/2021 23:00	2.01	2.08	99.95	1136.96
2/2/2021 0:00	1.85	2.03	97.36	1097.84
2/2/2021 1:00	1.75	2.02	96.08	1065.27
2/2/2021 2:00	1.64	2	95.55	1042.15
2/2/2021 3:00	1.62	1.98	95.06	1038.83
2/2/2021 4:00	1.62	1.99	96.19	1046.41
2/2/2021 5:00	1.61	1.99	99.18	1068.78
2/2/2021 6:00	1.81	2.13	105.51	1145.16
2/2/2021 7:00	1.91	2.38	116.46	1201.47
2/2/2021 8:00	2.1	2.55	121.76	1229.65
2/2/2021 9:00	2.19	2.63	124.77	1235.36
2/2/2021 10:00	2.16	2.73	127.22	1237.3
2/2/2021 11:00	2.24	2.93	129.1	1254.58
2/2/2021 12:00	2.2	2.93	129.05	1252.1
2/2/2021 13:00	2.39	2.88	127.8	1237.91
2/2/2021 14:00	2.27	2.85	128.28	1251.29
2/2/2021 15:00	2.15	2.9	126.74	1255.28
2/2/2021 16:00	2.21	2.82	124.34	1256.08

2/2/2021 17:00	2.28	2.7	120.94	1227.22
2/2/2021 18:00	2.55	2.62	118.78	1223.83
2/2/2021 19:00	2.48	2.4	115.77	1208.02
2/2/2021 20:00	2.42	2.36	112.82	1206.98
2/2/2021 21:00	2.36	2.25	108.89	1200.13
2/2/2021 22:00	2.08	2.15	103.94	1181.57
2/2/2021 23:00	1.73	2.04	100.6	1175.89
2/3/2021 0:00	1.54	1.96	98.4	1166.37
2/3/2021 1:00	1.45	1.95	96.79	1137.61
2/3/2021 2:00	1.47	1.89	95.67	1109.14
2/3/2021 3:00	1.44	1.92	95.64	1101.27
2/3/2021 4:00	1.45	1.96	97.16	1105.41
2/3/2021 5:00	1.53	1.97	100.87	1153.54
2/3/2021 6:00	1.62	2.16	109.61	1233.53
2/3/2021 7:00	1.83	2.5	123.5	1315.43
2/3/2021 8:00	1.96	2.82	133.04	1363.08
2/3/2021 9:00	2	3.05	138.56	1383.31
2/3/2021 10:00	1.9	3.08	140.61	1374.26
2/3/2021 11:00	1.88	3.2	142.27	1393.32
2/3/2021 12:00	1.91	3.3	142.06	1386.7
2/3/2021 13:00	2.02	3.2	140.38	1363.52
2/3/2021 14:00	2.09	3.23	140.8	1383.91
2/3/2021 15:00	2.02	3.23	137.36	1345.31
2/3/2021 16:00	1.93	3.09	133.48	1312.47
2/3/2021 17:00	2.1	2.89	127.53	1284.08
2/3/2021 18:00	2.4	2.69	123.69	1272.76
2/3/2021 19:00	2.39	2.48	119.94	1254.56
2/3/2021 20:00	2.35	2.4	116.12	1247.85
2/3/2021 21:00	2.21	2.22	111.72	1234.62
2/3/2021 22:00	1.99	2.13	106.33	1215.52
2/3/2021 23:00	1.77	2.05	102.64	1221.77
2/4/2021 0:00	1.6	2.01	99.77	1192.7
2/4/2021 1:00	1.5	1.96	97.52	1170.17
2/4/2021 2:00	1.39	1.91	96.46	1142.29
2/4/2021 3:00	1.4	1.88	96.26	1126.45
2/4/2021 4:00	1.43	1.92	97.13	1125.01
2/4/2021 5:00	1.49	1.98	101.09	1161.83
2/4/2021 6:00	1.6	2.11	109.74	1262.1
2/4/2021 7:00	1.76	2.45	124.39	1342.05
2/4/2021 8:00	1.98	2.74	135	1382.86
2/4/2021 9:00	1.9	2.94	140.55	1396.27
2/4/2021 10:00	1.94	3.04	141.86	1380.92
2/4/2021 11:00	1.82	3.13	142.7	1379.6
2/4/2021 12:00	1.75	3.2	142.32	1380.03
2/4/2021 13:00	1.89	3.09	139.71	1357.59
2/4/2021 14:00	1.88	3.11	140.6	1383.34
2/4/2021 15:00	1.82	3.09	137.97	1364.59
2/4/2021 16:00	1.85	2.93	132.29	1329.61
2/4/2021 17:00	2.1	2.83	125.79	1297.55
2/4/2021 18:00	2.32	2.69	122.99	1274.08
2/4/2021 19:00	2.48	2.47	119.41	1249.94
2/4/2021 20:00	2.37	2.4	116.27	1248.29
2/4/2021 21:00	2.16	2.34	111.95	1238.93

2/4/2021 22:00	1.99	2.15	106.52	1234.45
2/4/2021 23:00	1.85	2.11	102.34	1221.08
2/5/2021 0:00	1.67	2.07	99.9	1190.58
2/5/2021 1:00	1.59	2.07	98.33	1165.81
2/5/2021 2:00	1.57	2	97.14	1148.93
2/5/2021 3:00	1.57	1.98	97.31	1135.9
2/5/2021 4:00	1.6	1.99	98.24	1150.13
2/5/2021 5:00	1.64	2.05	101.74	1179.69
2/5/2021 6:00	1.77	2.22	110.22	1241.07
2/5/2021 7:00	1.96	2.6	124.36	1307.88
2/5/2021 8:00	2.01	2.83	133.19	1346.57
2/5/2021 9:00	2.09	3.03	138.11	1358.77
2/5/2021 10:00	2.07	3.07	140.16	1356.11
2/5/2021 11:00	2.12	3.22	142.5	1375.91
2/5/2021 12:00	2.09	3.24	140.42	1376.42
2/5/2021 13:00	2.01	3.1	136.81	1352.82
2/5/2021 14:00	2.05	3.13	135.19	1332.96
2/5/2021 15:00	2.07	3.01	131.67	1302.33
2/5/2021 16:00	1.92	2.82	125.19	1258.2
2/5/2021 17:00	2.03	2.74	120.02	1239.82
2/5/2021 18:00	2.27	2.66	118.09	1216.06
2/5/2021 19:00	2.28	2.48	114.52	1189.53
2/5/2021 20:00	2.26	2.39	111.02	1177.74
2/5/2021 21:00	2.13	2.27	106.16	1166.24
2/5/2021 22:00	1.95	2.18	101.35	1142.17
2/5/2021 23:00	1.72	2.05	96.72	1117.74
2/6/2021 0:00	1.66	2.01	93.25	1077.64
2/6/2021 1:00	1.56	1.97	90.71	1032.87
2/6/2021 2:00	1.47	1.92	90.13	1015.9
2/6/2021 3:00	1.49	1.94	90.08	1003.13
2/6/2021 4:00	1.48	1.92	89.95	998.14
2/6/2021 5:00	1.54	1.92	91.63	1006.67
2/6/2021 6:00	1.58	1.99	95.4	1024.51
2/6/2021 7:00	1.67	2.03	101.34	1037.07
2/6/2021 8:00	1.84	2.12	103.38	1011.89
2/6/2021 9:00	1.94	2.28	104.9	999.27
2/6/2021 10:00	1.98	2.4	105.29	987.07
2/6/2021 11:00	2	2.38	105.57	984.92
2/6/2021 12:00	2	2.33	104.96	978.29
2/6/2021 13:00	1.99	2.32	103.75	972.27
2/6/2021 14:00	2.11	2.35	102.93	965.01
2/6/2021 15:00	1.96	2.32	101.35	959.51
2/6/2021 16:00	1.98	2.32	100.14	944.43
2/6/2021 17:00	2.09	2.31	98.86	949.16
2/6/2021 18:00	2.31	2.38	100.62	943.36
2/6/2021 19:00	2.35	2.37	99.61	936.54
2/6/2021 20:00	2.28	2.33	97.65	945.6
2/6/2021 21:00	2.16	2.29	95.3	936.43
2/6/2021 22:00	2.02	2.23	92.39	929.42
2/6/2021 23:00	1.92	2.11	89.44	921.96
2/7/2021 0:00	1.73	2	87.7	910.16
2/7/2021 1:00	1.58	1.98	86.84	902.65
2/7/2021 2:00	1.56	1.94	86.15	900.46

2/7/2021 3:00	1.52	1.95	85.98	896.21
2/7/2021 4:00	1.58	1.98	86.32	891.81
2/7/2021 5:00	1.62	1.96	87.93	900.25
2/7/2021 6:00	1.63	2.01	90.43	918.05
2/7/2021 7:00	1.8	2.05	94.28	927.55
2/7/2021 8:00	1.95	2.02	95.36	918.11
2/7/2021 9:00	2.17	2.11	97.67	908.44
2/7/2021 10:00	2.2	2.13	99.24	903.89
2/7/2021 11:00	2.36	2.19	100.61	909.48
2/7/2021 12:00	2.4	2.27	100.97	904.95
2/7/2021 13:00	2.48	2.22	101.02	907.69
2/7/2021 14:00	2.42	2.22	100.98	906.9
2/7/2021 15:00	2.44	2.23	100.4	900.43
2/7/2021 16:00	2.52	2.2	98.95	891.66
2/7/2021 17:00	2.6	2.22	97.63	891.35
2/7/2021 18:00	2.73	2.34	97.92	892.82
2/7/2021 19:00	2.75	2.29	96.53	884.5
2/7/2021 20:00	2.43	2.21	94.06	877.7
2/7/2021 21:00	2.29	2.18	90.33	878.55
2/7/2021 22:00	2.14	2.09	88.59	881.94
2/7/2021 23:00	1.96	2.04	87.61	888.76
2/8/2021 0:00	1.75	2.01	88	918.88
2/8/2021 1:00	1.59	1.98	89.02	940.14
2/8/2021 2:00	1.61	1.93	89.49	957.83
2/8/2021 3:00	1.59	1.97	90.19	959.85
2/8/2021 4:00	1.56	2.01	92.01	977.57
2/8/2021 5:00	1.63	2.01	96.39	1032.86
2/8/2021 6:00	1.73	2.19	106.51	1133.53
2/8/2021 7:00	1.93	2.55	121.06	1231.42
2/8/2021 8:00	2.12	2.8	131.68	1296.98
2/8/2021 9:00	2.06	3.12	137.68	1336.82
2/8/2021 10:00	2.01	3.15	141.04	1328.72
2/8/2021 11:00	1.92	3.26	142.47	1336.29
2/8/2021 12:00	1.9	3.22	142.09	1334.37
2/8/2021 13:00	1.93	3.16	139.9	1329.95
2/8/2021 14:00	1.91	3.15	140.04	1354.43
2/8/2021 15:00	1.85	3.06	136.99	1339.68
2/8/2021 16:00	1.99	2.93	130.98	1311.57
2/8/2021 17:00	2.23	2.87	124.45	1298.48
2/8/2021 18:00	2.58	2.76	122.35	1283.31
2/8/2021 19:00	2.67	2.54	119.42	1266.04
2/8/2021 20:00	2.55	2.46	116.44	1264.35
2/8/2021 21:00	2.25	2.33	112.35	1252.33
2/8/2021 22:00	2.14	2.19	107.73	1228.43
2/8/2021 23:00	1.94	2.15	104.26	1214.12
2/9/2021 0:00	1.83	2.08	101.54	1185.37
2/9/2021 1:00	1.76	2.1	99.57	1176.8
2/9/2021 2:00	1.71	2.04	98.37	1171.03
2/9/2021 3:00	1.67	2.02	98.07	1146.53
2/9/2021 4:00	1.74	2.08	99.22	1147.84
2/9/2021 5:00	1.75	2.1	102.98	1172.08
2/9/2021 6:00	1.89	2.26	111.65	1260.52
2/9/2021 7:00	2.09	2.62	126.24	1369.78

2/9/2021 8:00	2.18	2.86	135.58	1417.72
2/9/2021 9:00	2.19	3.07	141.45	1438.04
2/9/2021 10:00	2.12	3.19	142.59	1425.9
2/9/2021 11:00	2.18	3.3	144.42	1436.87
2/9/2021 12:00	2.24	3.25	143.9	1435.7
2/9/2021 13:00	2.36	3.24	140.68	1410.39
2/9/2021 14:00	2.25	3.25	140.92	1417.02
2/9/2021 15:00	2.26	3.2	138.08	1406.41
2/9/2021 16:00	2.21	2.99	133.05	1368.8
2/9/2021 17:00	2.38	2.91	126.67	1332.89
2/9/2021 18:00	2.74	2.76	123.26	1314.79
2/9/2021 19:00	2.72	2.53	119.8	1290.05
2/9/2021 20:00	2.57	2.44	117.02	1282.7
2/9/2021 21:00	2.4	2.32	112.52	1263.31
2/9/2021 22:00	2.18	2.23	107.42	1246.65
2/9/2021 23:00	1.88	2.1	104.42	1230.34
2/10/2021 0:00	1.81	2.06	101.6	1215.87
2/10/2021 1:00	1.73	2.04	99.28	1168.26
2/10/2021 2:00	1.65	2.01	98.14	1151.38
2/10/2021 3:00	1.65	2.02	98.35	1137.91
2/10/2021 4:00	1.68	2.05	100.01	1134.68
2/10/2021 5:00	1.8	2.09	104.32	1172.22
2/10/2021 6:00	1.87	2.33	112.03	1270.07
2/10/2021 7:00	2.08	2.67	126.82	1361.82
2/10/2021 8:00	2.26	2.91	136.54	1394.77
2/10/2021 9:00	2.15	3.12	143.18	1410.39
2/10/2021 10:00	2.15	3.14	143.65	1394.73
2/10/2021 11:00	2.05	3.24	144.98	1401.9
2/10/2021 12:00	2.1	3.31	144.2	1392.69
2/10/2021 13:00	2.11	3.24	141.62	1373.18
2/10/2021 14:00	2.04	3.22	142.12	1375.09
2/10/2021 15:00	1.94	3.16	139.02	1366.89
2/10/2021 16:00	2.06	2.99	133.67	1334.95
2/10/2021 17:00	2.18	2.88	127.55	1304.18
2/10/2021 18:00	2.51	2.78	125.31	1295.65
2/10/2021 19:00	2.57	2.58	122.09	1269.08
2/10/2021 20:00	2.54	2.49	119.15	1260.41
2/10/2021 21:00	2.35	2.39	114.56	1249.25
2/10/2021 22:00	2.24	2.25	109.68	1230.17
2/10/2021 23:00	2.01	2.2	106.07	1216.51
2/11/2021 0:00	1.84	2.09	103.08	1180.21
2/11/2021 1:00	1.75	2.08	101.25	1155.94
2/11/2021 2:00	1.66	2.04	100.19	1130.03
2/11/2021 3:00	1.62	2.03	99.78	1120.15
2/11/2021 4:00	1.67	2.07	100.79	1119.8
2/11/2021 5:00	1.76	2.09	104.76	1158.84
2/11/2021 6:00	1.85	2.3	113.87	1246.99
2/11/2021 7:00	2.07	2.56	127.97	1329.96
2/11/2021 8:00	2.19	2.89	137.96	1380.56
2/11/2021 9:00	2.16	3.1	142.86	1396.58
2/11/2021 10:00	2.08	3.15	143.08	1385.54
2/11/2021 11:00	2.06	3.23	144.34	1393.79
2/11/2021 12:00	2.09	3.24	143.96	1407.3

2/11/2021 13:00	2.07	3.17	141.3	1377.92
2/11/2021 14:00	1.9	3.21	141.3	1379.4
2/11/2021 15:00	1.92	3.18	139.02	1356.11
2/11/2021 16:00	1.91	3.01	134.48	1336.78
2/11/2021 17:00	2.13	2.87	128.02	1306.01
2/11/2021 18:00	2.44	2.74	125.72	1283.83
2/11/2021 19:00	2.56	2.6	122.93	1268.51
2/11/2021 20:00	2.59	2.5	119.46	1255.51
2/11/2021 21:00	2.48	2.39	114.9	1243.44
2/11/2021 22:00	2.3	2.31	109.58	1216.08
2/11/2021 23:00	2.03	2.25	106.41	1200.06
2/12/2021 0:00	1.96	2.19	103.77	1182.05
2/12/2021 1:00	1.84	2.18	101.61	1147.66
2/12/2021 2:00	1.84	2.12	101.01	1131.47
2/12/2021 3:00	1.83	2.11	100.84	1109.79
2/12/2021 4:00	1.83	2.16	101.77	1121.34
2/12/2021 5:00	1.86	2.21	105.86	1161.91
2/12/2021 6:00	2.07	2.36	114.68	1227.98
2/12/2021 7:00	2.22	2.68	128.23	1285.91
2/12/2021 8:00	2.36	2.96	137.46	1328.74
2/12/2021 9:00	2.27	3.19	141.61	1351.32
2/12/2021 10:00	2.23	3.17	141.5	1331.43
2/12/2021 11:00	2.36	3.29	142.39	1340.81
2/12/2021 12:00	2.32	3.29	140.77	1326.35
2/12/2021 13:00	2.21	3.12	136.69	1295.97
2/12/2021 14:00	2.08	3.16	135.89	1298.94
2/12/2021 15:00	2.09	3.13	132.67	1273.15
2/12/2021 16:00	2.07	2.99	126.51	1262.39
2/12/2021 17:00	2.13	2.9	121.89	1236.65
2/12/2021 18:00	2.46	2.79	120.58	1229.62
2/12/2021 19:00	2.56	2.61	117.4	1209.88
2/12/2021 20:00	2.44	2.52	113.63	1183.73
2/12/2021 21:00	2.38	2.42	109.28	1165.51
2/12/2021 22:00	2.25	2.37	104.25	1141.98
2/12/2021 23:00	2.05	2.25	100.05	1105.28
2/13/2021 0:00	1.81	2.15	96.26	1054.54
2/13/2021 1:00	1.75	2.12	93.96	1020.08
2/13/2021 2:00	1.74	2.07	93.35	1004.76
2/13/2021 3:00	1.7	2.07	93.01	998.54
2/13/2021 4:00	1.7	2.08	93.01	1001.48
2/13/2021 5:00	1.71	2.1	95.14	1007.5
2/13/2021 6:00	1.8	2.14	99.26	1029.97
2/13/2021 7:00	1.96	2.2	105.44	1036.04
2/13/2021 8:00	2.12	2.28	106.88	1029.07
2/13/2021 9:00	2.27	2.44	108.95	1027
2/13/2021 10:00	2.29	2.52	109.32	1011.66
2/13/2021 11:00	2.22	2.54	109.34	1005.99
2/13/2021 12:00	2.17	2.55	107.92	995.06
2/13/2021 13:00	2.29	2.41	104.95	983.01
2/13/2021 14:00	2.12	2.36	104.02	988.66
2/13/2021 15:00	2.12	2.31	102.26	983.09
2/13/2021 16:00	2.08	2.29	101.18	985.17
2/13/2021 17:00	2.27	2.34	100.74	970.49

2/13/2021 18:00	2.51	2.38	103.03	957.68
2/13/2021 19:00	2.5	2.39	102.49	956.63
2/13/2021 20:00	2.32	2.46	100.43	952.16
2/13/2021 21:00	2.17	2.34	96.93	938.2
2/13/2021 22:00	2.03	2.21	93.1	927.09
2/13/2021 23:00	1.86	2.11	90.12	928.24
2/14/2021 0:00	1.69	2.01	88.49	920.54
2/14/2021 1:00	1.61	1.96	86.7	909.6
2/14/2021 2:00	1.54	1.91	85.89	904.77
2/14/2021 3:00	1.51	1.88	85.51	901.02
2/14/2021 4:00	1.54	1.88	85.58	898.94
2/14/2021 5:00	1.53	1.88	86.75	893.71
2/14/2021 6:00	1.57	1.95	89.29	901.04
2/14/2021 7:00	1.77	1.96	92.49	904.12
2/14/2021 8:00	1.93	1.91	93.76	910.09
2/14/2021 9:00	2.02	1.99	96.65	907.25
2/14/2021 10:00	2.27	2.08	98.8	908.03
2/14/2021 11:00	2.36	2.12	99.63	890.14
2/14/2021 12:00	2.36	2.18	99.87	888.63
2/14/2021 13:00	2.22	2.18	99.28	890.62
2/14/2021 14:00	2.12	2.2	99.23	884.02
2/14/2021 15:00	2.06	2.15	98.58	875.79
2/14/2021 16:00	2.21	2.16	97.97	876
2/14/2021 17:00	2.23	2.21	96.34	877.12
2/14/2021 18:00	2.62	2.39	98.04	879.34
2/14/2021 19:00	2.58	2.28	97.26	881.17
2/14/2021 20:00	2.46	2.22	94.98	874.43
2/14/2021 21:00	2.27	2.16	91.7	870.74
2/14/2021 22:00	2.07	2.1	89.21	871.48
2/14/2021 23:00	1.85	2	87.98	879.66
2/15/2021 0:00	1.64	1.98	87.65	901.58
2/15/2021 1:00	1.52	1.96	87.36	918.12
2/15/2021 2:00	1.51	1.91	87.54	926.78
2/15/2021 3:00	1.47	1.9	87.71	931.58
2/15/2021 4:00	1.51	1.92	89.33	949.81
2/15/2021 5:00	1.53	1.96	93.15	976.14
2/15/2021 6:00	1.68	2.08	101.54	1052.65
2/15/2021 7:00	1.81	2.33	114.16	1138.2
2/15/2021 8:00	1.94	2.56	122.73	1193.69
2/15/2021 9:00	2	2.72	128.09	1211.44
2/15/2021 10:00	2.07	2.8	130.41	1217.5
2/15/2021 11:00	2.2	2.9	132.32	1252.45
2/15/2021 12:00	2.15	2.92	132.69	1267.72
2/15/2021 13:00	2.18	2.91	130.04	1252
2/15/2021 14:00	2.17	2.93	130.27	1271.53
2/15/2021 15:00	2.11	2.9	128.6	1261.95
2/15/2021 16:00	2.15	2.8	125.01	1245.08
2/15/2021 17:00	2.28	2.75	119.25	1216.66
2/15/2021 18:00	2.58	2.59	116.16	1193.24
2/15/2021 19:00	2.61	2.44	112.96	1178.12
2/15/2021 20:00	2.38	2.32	109.33	1166.02
2/15/2021 21:00	2.36	2.26	105.02	1166.49
2/15/2021 22:00	2.02	2.13	100.25	1154.8

2/15/2021 23:00	1.84	1.99	96.54	1147.82
2/16/2021 0:00	1.66	1.94	94.87	1135.66
2/16/2021 1:00	1.55	1.93	93.4	1127.07
2/16/2021 2:00	1.47	1.88	92.9	1133.97
2/16/2021 3:00	1.45	1.85	92.22	1145.41
2/16/2021 4:00	1.46	1.87	93.31	1151.4
2/16/2021 5:00	1.55	1.86	96.98	1166.7
2/16/2021 6:00	1.65	2.04	104.88	1262.84
2/16/2021 7:00	1.79	2.35	118.55	1347.5
2/16/2021 8:00	1.93	2.61	126.72	1354.2
2/16/2021 9:00	1.97	2.83	130.66	1369.46
2/16/2021 10:00	2.03	2.88	132.19	1350.64
2/16/2021 11:00	2.07	3.02	133.7	1374.34
2/16/2021 12:00	2.14	3.11	134.18	1372.43
2/16/2021 13:00	2.17	3.01	133.71	1345.59
2/16/2021 14:00	2.06	3.08	133.08	1360.59
2/16/2021 15:00	1.97	3.05	131.56	1347.88
2/16/2021 16:00	2	2.88	127.88	1321.09
2/16/2021 17:00	2.13	2.79	121.82	1307.79
2/16/2021 18:00	2.32	2.56	118.94	1286.56
2/16/2021 19:00	2.44	2.4	115.93	1276.88
2/16/2021 20:00	2.34	2.27	111.93	1270.32
2/16/2021 21:00	2.11	2.25	107.63	1264.73
2/16/2021 22:00	1.94	2.22	103.23	1243.94
2/16/2021 23:00	1.7	2.14	100.05	1230.96
2/17/2021 0:00	1.53	2.08	97.68	1204.98
2/17/2021 1:00	1.5	2.09	96.71	1171.32
2/17/2021 2:00	1.48	2.14	95.97	1154.88
2/17/2021 3:00	1.48	2.1	95.39	1145.48
2/17/2021 4:00	1.53	2.12	97.02	1149.13
2/17/2021 5:00	1.6	2.16	101.21	1183.85
2/17/2021 6:00	1.72	2.4	109.93	1280.97
2/17/2021 7:00	1.9	2.71	124.67	1376.25
2/17/2021 8:00	1.96	3.06	135.22	1422.94
2/17/2021 9:00	2.01	3.26	140.21	1417.8
2/17/2021 10:00	1.97	3.28	141.82	1402.46
2/17/2021 11:00	1.96	3.35	143.24	1405.25
2/17/2021 12:00	2.15	3.38	142.55	1391.22
2/17/2021 13:00	1.96	3.28	139.93	1370.31
2/17/2021 14:00	1.82	3.34	140.65	1374.68
2/17/2021 15:00	1.88	3.23	137.49	1344.55
2/17/2021 16:00	1.94	3.1	132.58	1319.98
2/17/2021 17:00	2.07	2.97	125.67	1309.07
2/17/2021 18:00	2.41	2.79	122.87	1289.31
2/17/2021 19:00	2.53	2.72	119.91	1287.09
2/17/2021 20:00	2.53	2.61	115.99	1287.34
2/17/2021 21:00	2.3	2.47	111.67	1269.61
2/17/2021 22:00	2.12	2.38	107	1249.9
2/17/2021 23:00	1.9	2.29	103.05	1251.25
2/18/2021 0:00	1.75	2.07	100.1	1217.66
2/18/2021 1:00	1.65	2.03	98.31	1185.23
2/18/2021 2:00	1.63	2.02	97.04	1164.79
2/18/2021 3:00	1.61	2	96.36	1148.86

2/18/2021 4:00	1.62	2.02	97.56	1156.98
2/18/2021 5:00	1.64	2.03	101.27	1195.02
2/18/2021 6:00	1.74	2.2	110.46	1285.24
2/18/2021 7:00	1.86	2.45	125.37	1360.92
2/18/2021 8:00	1.99	2.83	135.56	1409.83
2/18/2021 9:00	1.99	3.1	141.51	1421.09
2/18/2021 10:00	1.99	3.07	143.42	1410.75
2/18/2021 11:00	1.99	3.17	144.43	1399.18
2/18/2021 12:00	1.94	3.2	143.84	1395.56
2/18/2021 13:00	1.96	3.12	141.23	1374.3
2/18/2021 14:00	1.95	3.19	142.26	1402.13
2/18/2021 15:00	1.88	3.19	139.26	1368.36
2/18/2021 16:00	2	3.01	134.45	1352.53
2/18/2021 17:00	2.15	2.83	126.99	1325.36
2/18/2021 18:00	2.36	2.66	124	1307.99
2/18/2021 19:00	2.53	2.48	120.84	1293.59
2/18/2021 20:00	2.39	2.39	116.05	1287.23
2/18/2021 21:00	2.25	2.25	111.08	1269.24
2/18/2021 22:00	2.12	2.16	105.02	1242.08
2/18/2021 23:00	1.78	2.07	101	1231.71
2/19/2021 0:00	1.71	2.02	98.43	1194.85
2/19/2021 1:00	1.56	2.01	96.59	1168.38
2/19/2021 2:00	1.55	1.95	95.6	1137.57
2/19/2021 3:00	1.53	1.93	94.75	1132.05
2/19/2021 4:00	1.52	1.94	95.81	1118.61
2/19/2021 5:00	1.57	1.98	99.43	1165.76
2/19/2021 6:00	1.72	2.2	107.84	1232.07
2/19/2021 7:00	1.83	2.44	120.96	1310.86
2/19/2021 8:00	1.99	2.67	129.74	1340.62
2/19/2021 9:00	1.98	2.93	135.37	1356.59
2/19/2021 10:00	2.02	3.04	137.16	1351.01
2/19/2021 11:00	1.9	3.15	138.84	1344.91
2/19/2021 12:00	2.09	3.21	137.43	1339
2/19/2021 13:00	2.1	2.96	134.78	1297.04
2/19/2021 14:00	2.04	2.93	134.26	1303.38
2/19/2021 15:00	2.05	2.92	130.83	1280.22
2/19/2021 16:00	1.98	2.8	125.6	1242.01
2/19/2021 17:00	2.13	2.71	119.6	1223.53
2/19/2021 18:00	2.45	2.62	117.65	1217.5
2/19/2021 19:00	2.44	2.4	114.47	1193.58
2/19/2021 20:00	2.33	2.34	110.69	1188.72
2/19/2021 21:00	2.22	2.24	106.68	1178.86
2/19/2021 22:00	2.05	2.15	101.71	1149.14
2/19/2021 23:00	1.81	2.04	97.12	1121.66
2/20/2021 0:00	1.72	1.94	93.4	1065.2
2/20/2021 1:00	1.59	1.95	90.95	1027.14
2/20/2021 2:00	1.48	1.88	90.27	1010.45
2/20/2021 3:00	1.52	1.87	89.93	999.78
2/20/2021 4:00	1.44	1.87	90.09	996.32
2/20/2021 5:00	1.54	1.88	91.59	1017
2/20/2021 6:00	1.59	1.92	95.36	1036.5
2/20/2021 7:00	1.76	1.98	101.92	1054.41
2/20/2021 8:00	1.86	2.02	103.95	1050.64

2/20/2021 9:00	2	2.2	106.1	1044.51
2/20/2021 10:00	2.05	2.33	106.67	1045.41
2/20/2021 11:00	2.12	2.34	107.22	1038.08
2/20/2021 12:00	2.02	2.39	105.89	1021.03
2/20/2021 13:00	1.99	2.36	103.94	1009.16
2/20/2021 14:00	2.03	2.33	103.46	1014.78
2/20/2021 15:00	1.98	2.27	102.45	991.16
2/20/2021 16:00	2.01	2.26	101.97	979.46
2/20/2021 17:00	2.2	2.23	100.53	974.4
2/20/2021 18:00	2.43	2.27	101.62	968.66
2/20/2021 19:00	2.51	2.35	101.59	954.26
2/20/2021 20:00	2.34	2.33	99.85	949.38
2/20/2021 21:00	2.21	2.25	97.03	950.33
2/20/2021 22:00	2.08	2.21	93.4	945.01
2/20/2021 23:00	1.86	2.15	90.86	943.21
2/21/2021 0:00	1.75	2.06	89.11	933.59
2/21/2021 1:00	1.68	2.01	87.86	925.33
2/21/2021 2:00	1.59	1.98	87.71	918.08
2/21/2021 3:00	1.6	2	87.49	910.29
2/21/2021 4:00	1.62	2	87.82	906.33
2/21/2021 5:00	1.66	2.02	89.04	911.1
2/21/2021 6:00	1.68	2.07	91.69	929.2
2/21/2021 7:00	1.89	2.02	94.73	936.26
2/21/2021 8:00	2.06	2.02	94.89	932.07
2/21/2021 9:00	2.16	2.06	97.01	905.38
2/21/2021 10:00	2.19	2.1	97.62	904.4
2/21/2021 11:00	2.2	2.08	98.32	925.53
2/21/2021 12:00	2.3	2.12	98.87	914.8
2/21/2021 13:00	2.18	2.11	98.49	911.03
2/21/2021 14:00	2.01	2.14	97.91	908.17
2/21/2021 15:00	2.01	2.11	97.14	901.04
2/21/2021 16:00	2	2.04	96.37	904.85
2/21/2021 17:00	2.27	2.06	95.13	912.05
2/21/2021 18:00	2.42	2.1	96.3	912.05
2/21/2021 19:00	2.5	2.18	96.27	921.61
2/21/2021 20:00	2.51	2.15	94.28	914.21
2/21/2021 21:00	2.33	2.05	91.62	917.25
2/21/2021 22:00	2.19	2.04	90.32	936.08
2/21/2021 23:00	2.05	2.02	90.14	955.95
2/22/2021 0:00	1.83	1.99	90.2	978.89
2/22/2021 1:00	1.75	1.99	90.3	993.14
2/22/2021 2:00	1.68	2	91.01	998.46
2/22/2021 3:00	1.67	2.01	91.45	1001.54
2/22/2021 4:00	1.69	2.06	93.25	1028.56
2/22/2021 5:00	1.72	2.04	97.81	1070.34
2/22/2021 6:00	1.86	2.23	107.57	1163.26
2/22/2021 7:00	1.98	2.5	121.34	1240.57
2/22/2021 8:00	2.1	2.8	129.47	1297.03
2/22/2021 9:00	2.09	3.04	135.27	1343.12
2/22/2021 10:00	2.16	3.12	137.48	1354.75
2/22/2021 11:00	2.2	3.25	138.32	1363.78
2/22/2021 12:00	2.1	3.2	137.87	1356.22
2/22/2021 13:00	2.18	3.07	135.52	1341.57

2/22/2021 14:00	2.07	3.15	137.01	1381.53
2/22/2021 15:00	2.12	3.16	134.21	1349.3
2/22/2021 16:00	2.05	3	129.96	1346.69
2/22/2021 17:00	2.26	2.82	123.15	1309.01
2/22/2021 18:00	2.45	2.63	119.75	1279.18
2/22/2021 19:00	2.47	2.38	116.42	1256.75
2/22/2021 20:00	2.35	2.3	112.9	1251.75
2/22/2021 21:00	2.22	2.21	108.38	1230.52
2/22/2021 22:00	2.03	2.1	103.4	1210.95
2/22/2021 23:00	1.75	1.99	100.11	1190.53
2/23/2021 0:00	1.66	1.92	97.6	1165.29
2/23/2021 1:00	1.51	1.93	95.44	1149.35
2/23/2021 2:00	1.45	1.85	94.41	1142.99
2/23/2021 3:00	1.45	1.86	93.83	1126.03
2/23/2021 4:00	1.44	1.84	95.59	1120.34
2/23/2021 5:00	1.5	1.9	99.65	1156.32
2/23/2021 6:00	1.62	2.04	107.64	1239.96
2/23/2021 7:00	1.79	2.36	120.41	1331.7
2/23/2021 8:00	1.88	2.65	128.49	1372.03
2/23/2021 9:00	1.95	2.84	133.2	1392.42
2/23/2021 10:00	1.79	2.9	134.45	1378.13
2/23/2021 11:00	1.75	2.88	135.91	1378.87
2/23/2021 12:00	1.73	2.92	134.91	1375.18
2/23/2021 13:00	1.7	2.87	132.49	1357.26
2/23/2021 14:00	1.7	2.95	134.01	1370.75
2/23/2021 15:00	1.69	2.94	132.32	1353.48
2/23/2021 16:00	1.75	2.81	127.59	1321.89
2/23/2021 17:00	1.89	2.71	120.6	1305.29
2/23/2021 18:00	2.24	2.52	118.13	1272.77
2/23/2021 19:00	2.27	2.4	115.07	1260.45
2/23/2021 20:00	2.24	2.28	111.29	1246.59
2/23/2021 21:00	1.99	2.14	107.17	1232.3
2/23/2021 22:00	1.86	2.04	101.93	1217.79
2/23/2021 23:00	1.61	1.89	98.76	1210.82
2/24/2021 0:00	1.47	1.85	95.88	1186.88
2/24/2021 1:00	1.4	1.81	93.89	1143.6
2/24/2021 2:00	1.34	1.8	92.93	1132.73
2/24/2021 3:00	1.31	1.78	92.65	1122.63
2/24/2021 4:00	1.37	1.81	93.38	1125.61
2/24/2021 5:00	1.38	1.86	97.51	1157.55
2/24/2021 6:00	1.56	2.02	106.1	1242.12
2/24/2021 7:00	1.7	2.33	119.33	1336.06
2/24/2021 8:00	1.79	2.64	127.56	1367.11
2/24/2021 9:00	1.71	2.82	131.53	1374.54
2/24/2021 10:00	1.67	2.92	132.16	1356.28
2/24/2021 11:00	1.72	2.99	133.55	1363.45
2/24/2021 12:00	1.59	3.01	133.88	1351.36
2/24/2021 13:00	1.57	2.94	131.67	1341.8
2/24/2021 14:00	1.6	2.87	132.9	1377.9
2/24/2021 15:00	1.56	2.93	131.42	1346.38
2/24/2021 16:00	1.56	2.72	126.76	1321.69
2/24/2021 17:00	1.68	2.6	119.73	1291.74
2/24/2021 18:00	1.91	2.49	117.78	1262.19

2/24/2021 19:00	2.04	2.3	114.31	1250.02
2/24/2021 20:00	2	2.24	110.98	1254.45
2/24/2021 21:00	1.89	2.09	106.25	1243.99
2/24/2021 22:00	1.72	1.93	100.57	1218.64
2/24/2021 23:00	1.53	1.83	97.12	1197.41
2/25/2021 0:00	1.38	1.73	94.55	1167.65
2/25/2021 1:00	1.34	1.73	92.4	1139.75
2/25/2021 2:00	1.2	1.7	91.56	1121.05
2/25/2021 3:00	1.18	1.72	91.28	1106.43
2/25/2021 4:00	1.21	1.74	92.31	1107.84
2/25/2021 5:00	1.23	1.76	96.16	1139.55
2/25/2021 6:00	1.35	1.95	104.63	1230.52
2/25/2021 7:00	1.55	2.2	118.32	1321.06
2/25/2021 8:00	1.61	2.53	126.84	1356.13
2/25/2021 9:00	1.65	2.71	130.92	1349.17
2/25/2021 10:00	1.65	2.82	132.41	1326.96
2/25/2021 11:00	1.64	2.97	134.08	1334.29
2/25/2021 12:00	1.68	2.91	134.14	1338.88
2/25/2021 13:00	1.73	2.89	131.2	1321.13
2/25/2021 14:00	1.65	2.93	132.12	1334.87
2/25/2021 15:00	1.62	2.92	129.44	1307.82
2/25/2021 16:00	1.69	2.73	125.64	1292.21
2/25/2021 17:00	1.75	2.59	119.72	1283.07
2/25/2021 18:00	2.02	2.42	116.99	1255.92
2/25/2021 19:00	2.17	2.35	115.19	1228.53
2/25/2021 20:00	2.05	2.27	111.4	1226.46
2/25/2021 21:00	1.97	2.15	106.62	1223.73
2/25/2021 22:00	1.9	2.04	102.06	1199
2/25/2021 23:00	1.67	1.94	98.26	1187.23
2/26/2021 0:00	1.59	1.86	95.94	1162.71
2/26/2021 1:00	1.47	1.85	94.23	1132.39
2/26/2021 2:00	1.46	1.86	93.15	1111.86
2/26/2021 3:00	1.44	1.84	93.03	1100.98
2/26/2021 4:00	1.44	1.89	94.2	1094.59
2/26/2021 5:00	1.52	1.91	98.08	1131.23
2/26/2021 6:00	1.67	2.09	105.99	1214.12
2/26/2021 7:00	1.84	2.35	117.8	1286.77
2/26/2021 8:00	1.88	2.58	125.89	1300.5
2/26/2021 9:00	1.86	2.85	129.34	1294.09
2/26/2021 10:00	1.77	2.85	130.04	1282.23
2/26/2021 11:00	1.74	2.95	131.8	1291.58
2/26/2021 12:00	1.81	2.9	130.38	1280.55
2/26/2021 13:00	1.72	2.73	127.18	1247.36
2/26/2021 14:00	1.76	2.69	126.28	1241.74
2/26/2021 15:00	1.71	2.68	123.54	1228.18
2/26/2021 16:00	1.72	2.55	117.71	1219.58
2/26/2021 17:00	1.8	2.45	113.68	1219.81
2/26/2021 18:00	2.07	2.34	113.5	1205.53
2/26/2021 19:00	2.21	2.28	111.62	1191.72
2/26/2021 20:00	2.18	2.22	108.96	1182.76
2/26/2021 21:00	2.1	2.09	104.72	1160.26
2/26/2021 22:00	1.98	2	99.46	1131.84
2/26/2021 23:00	1.8	1.9	95.61	1095.26

2/27/2021 0:00	1.61	1.84	91.92	1051.39
2/27/2021 1:00	1.48	1.85	89.38	1017.03
2/27/2021 2:00	1.48	1.81	88.51	1001.59
2/27/2021 3:00	1.46	1.79	88.37	992.45
2/27/2021 4:00	1.49	1.83	88.76	988.46
2/27/2021 5:00	1.54	1.8	90.56	991.24
2/27/2021 6:00	1.6	1.86	94.57	1011.22
2/27/2021 7:00	1.71	1.92	100.45	1029.47
2/27/2021 8:00	1.88	1.96	102.24	1022.95
2/27/2021 9:00	2.09	2.1	105.28	1031.33
2/27/2021 10:00	2.18	2.22	106.23	1022.76
2/27/2021 11:00	2.17	2.26	106.75	1012.05
2/27/2021 12:00	2.18	2.26	106.61	1006.68
2/27/2021 13:00	2.16	2.27	104.42	998.88
2/27/2021 14:00	2.13	2.24	103.52	994.53
2/27/2021 15:00	2.09	2.21	101.64	989.97
2/27/2021 16:00	2.11	2.14	100.3	981.12
2/27/2021 17:00	2.08	2.13	98.74	969.99
2/27/2021 18:00	2.25	2.22	99.53	964.26
2/27/2021 19:00	2.37	2.24	98.36	956.68
2/27/2021 20:00	2.15	2.15	96.46	937.05
2/27/2021 21:00	2.1	2.06	93.77	927.1
2/27/2021 22:00	1.93	1.97	90.09	925.61
2/27/2021 23:00	1.66	1.9	87.65	917.53
2/28/2021 0:00	1.49	1.8	85.94	908.63
2/28/2021 1:00	1.44	1.75	84.4	898.41
2/28/2021 2:00	1.37	1.72	83.63	894.1
2/28/2021 3:00	1.36	1.74	83.36	891.28
2/28/2021 4:00	1.34	1.73	83.51	896.93
2/28/2021 5:00	1.39	1.74	84.67	897.59
2/28/2021 6:00	1.41	1.77	87.39	912.58
2/28/2021 7:00	1.58	1.78	90.57	911.77
2/28/2021 8:00	1.74	1.75	92.07	905.72
2/28/2021 9:00	1.87	1.82	94.36	894.46
2/28/2021 10:00	2.04	1.84	94.77	885.2
2/28/2021 11:00	2.03	1.85	94.74	887.13
2/28/2021 12:00	1.93	2.02	95.63	892.55
2/28/2021 13:00	1.88	2.01	95.38	884.16
2/28/2021 14:00	1.94	1.96	95.72	896.54
2/28/2021 15:00	1.82	1.96	96.22	899.85
2/28/2021 16:00	1.89	1.91	95.33	891.52
2/28/2021 17:00	2.03	1.98	93.08	894.57
2/28/2021 18:00	2.18	2.06	94.68	898.16
2/28/2021 19:00	2.27	2.08	94.04	896.18
2/28/2021 20:00	2.19	2.02	91.74	892.23
2/28/2021 21:00	2.04	1.9	88.83	889.06
2/28/2021 22:00	1.84	1.83	87.35	894.96
2/28/2021 23:00	1.6	1.76	86.21	899.1
3/1/2021 0:00	1.43	1.68	85.64	933.35
3/1/2021 1:00	1.29	1.69	85.14	953.15
3/1/2021 2:00	1.28	1.67	85.49	961.47
3/1/2021 3:00	1.22	1.66	85.98	957.37
3/1/2021 4:00	1.23	1.71	87.4	980.47

3/1/2021 5:00	1.27	1.71	92.17	1037.91
3/1/2021 6:00	1.41	1.9	102.42	1128.76
3/1/2021 7:00	1.57	2.16	117.3	1228.44
3/1/2021 8:00	1.71	2.46	127.89	1302.58
3/1/2021 9:00	1.63	2.75	133.94	1340.55
3/1/2021 10:00	1.76	2.78	136.62	1346.43
3/1/2021 11:00	1.75	2.9	138.3	1381.99
3/1/2021 12:00	1.72	2.91	138.26	1375.72
3/1/2021 13:00	1.81	2.9	136	1342.74
3/1/2021 14:00	1.67	2.89	135.9	1358.47
3/1/2021 15:00	1.66	2.89	133.75	1346.5
3/1/2021 16:00	1.71	2.79	127.91	1306.5
3/1/2021 17:00	1.71	2.56	121.03	1275.37
3/1/2021 18:00	2.17	2.38	117.63	1253.58
3/1/2021 19:00	2.26	2.38	115.87	1229.36
3/1/2021 20:00	2.15	2.28	111.99	1226.53
3/1/2021 21:00	2.13	2.17	107.86	1202.47
3/1/2021 22:00	2.01	2.05	103.36	1196.24
3/1/2021 23:00	1.79	1.92	98.55	1175.37
3/2/2021 0:00	1.62	1.87	96.33	1129.51
3/2/2021 1:00	1.57	1.89	96.73	1107.66
3/2/2021 2:00	1.51	1.87	96.17	1089.93
3/2/2021 3:00	1.58	1.87	95.32	1047.22
3/2/2021 4:00	1.68	2.04	96.44	1049.88
3/2/2021 5:00	1.77	2.15	100.79	1105.59
3/2/2021 6:00	1.9	2.33	109.55	1202.91
3/2/2021 7:00	2.16	2.67	125	1287.74
3/2/2021 8:00	2.21	3.16	134.91	1344.7
3/2/2021 9:00	2.15	3.3	138.7	1350.92
3/2/2021 10:00	2.22	3.3	139.72	1338.38
3/2/2021 11:00	2.21	3.42	140.74	1339.03
3/2/2021 12:00	2.23	3.44	140.32	1333.97
3/2/2021 13:00	2.26	3.31	136.77	1306.06
3/2/2021 14:00	2.16	3.26	137.16	1327.12
3/2/2021 15:00	2.06	3.19	134.93	1296.83
3/2/2021 16:00	2.07	3.06	129.92	1300
3/2/2021 17:00	2.25	2.89	123.77	1298.49
3/2/2021 18:00	2.59	2.68	120.83	1282.43
3/2/2021 19:00	2.68	2.58	119.33	1266.34
3/2/2021 20:00	2.59	2.46	116.57	1261.11
3/2/2021 21:00	2.34	2.33	112.25	1259.09
3/2/2021 22:00	2.26	2.15	107.68	1234.23
3/2/2021 23:00	1.94	2.05	103.88	1219.9
3/3/2021 0:00	1.78	2.01	100.64	1208.37
3/3/2021 1:00	1.66	1.98	98.59	1178.06
3/3/2021 2:00	1.6	1.93	97.56	1161.71
3/3/2021 3:00	1.62	1.92	97.25	1148.73
3/3/2021 4:00	1.61	1.97	98.38	1142.23
3/3/2021 5:00	1.69	1.99	101.91	1170.32
3/3/2021 6:00	1.79	2.13	110.21	1258.38
3/3/2021 7:00	1.93	2.36	124.33	1340.51
3/3/2021 8:00	2.05	2.74	133.5	1373.1
3/3/2021 9:00	1.89	3.03	137.68	1373.69

3/3/2021 10:00	1.82	3.1	137.87	1365.33
3/3/2021 11:00	1.91	3.15	138.42	1383.09
3/3/2021 12:00	1.85	3.12	138.26	1387.22
3/3/2021 13:00	1.85	2.98	136.18	1358.4
3/3/2021 14:00	1.75	3.05	136.26	1378.11
3/3/2021 15:00	1.74	2.98	134.08	1341.48
3/3/2021 16:00	1.71	2.86	128.79	1328.2
3/3/2021 17:00	1.89	2.74	121.73	1300.36
3/3/2021 18:00	2.19	2.56	118.63	1270.27
3/3/2021 19:00	2.34	2.41	116.03	1258.51
3/3/2021 20:00	2.29	2.27	112.11	1260.23
3/3/2021 21:00	2.06	2.11	107.6	1249.83
3/3/2021 22:00	1.84	1.98	102.7	1219.39
3/3/2021 23:00	1.67	1.83	98.99	1218.29
3/4/2021 0:00	1.51	1.75	95.91	1196.08
3/4/2021 1:00	1.41	1.77	94.53	1141.73
3/4/2021 2:00	1.36	1.71	93.71	1123.61
3/4/2021 3:00	1.35	1.74	93.04	1117.61
3/4/2021 4:00	1.34	1.76	94.11	1115.29
3/4/2021 5:00	1.44	1.81	98.46	1153.94
3/4/2021 6:00	1.58	1.97	107.23	1238.56
3/4/2021 7:00	1.72	2.29	120.81	1320.82
3/4/2021 8:00	1.84	2.62	130.65	1370.52
3/4/2021 9:00	1.81	2.81	135.99	1382.79
3/4/2021 10:00	1.74	2.89	137.5	1371.22
3/4/2021 11:00	1.7	3	138.6	1369.1
3/4/2021 12:00	1.75	3.02	138.68	1369.13
3/4/2021 13:00	1.76	2.97	136.18	1348.76
3/4/2021 14:00	1.71	3.04	136.65	1358.24
3/4/2021 15:00	1.67	3	133.42	1331.47
3/4/2021 16:00	1.71	2.77	128.15	1312.29
3/4/2021 17:00	1.82	2.66	122.14	1299.55
3/4/2021 18:00	2.23	2.43	120.17	1263.73
3/4/2021 19:00	2.45	2.38	118.26	1236.27
3/4/2021 20:00	2.35	2.38	115.16	1229.92
3/4/2021 21:00	2.2	2.26	111.16	1216.64
3/4/2021 22:00	2.01	2.1	106.01	1204.4
3/4/2021 23:00	1.9	2	102.33	1186.78
3/5/2021 0:00	1.72	1.95	99.45	1158.49
3/5/2021 1:00	1.64	1.95	97.64	1132.49
3/5/2021 2:00	1.57	1.94	97.01	1112.66
3/5/2021 3:00	1.58	1.95	96.15	1101.97
3/5/2021 4:00	1.67	1.99	97.2	1099.48
3/5/2021 5:00	1.66	2.03	100.28	1135.23
3/5/2021 6:00	1.81	2.18	109.17	1217.31
3/5/2021 7:00	2.03	2.44	122.26	1276.32
3/5/2021 8:00	2.07	2.81	131.76	1303.17
3/5/2021 9:00	2.08	3.08	137.25	1310.92
3/5/2021 10:00	2.09	3.08	137.6	1284.23
3/5/2021 11:00	2.02	3.12	138.82	1297.19
3/5/2021 12:00	2.02	3.11	136.97	1297.3
3/5/2021 13:00	1.97	2.95	133.97	1265.4
3/5/2021 14:00	1.89	2.93	132.43	1247.95

3/5/2021 15:00	1.84	2.88	128.18	1210.88
3/5/2021 16:00	1.95	2.76	123	1203.37
3/5/2021 17:00	2.06	2.68	118.4	1194.77
3/5/2021 18:00	2.29	2.57	117.11	1186.93
3/5/2021 19:00	2.37	2.48	115.42	1178.35
3/5/2021 20:00	2.28	2.37	112.46	1167.53
3/5/2021 21:00	2.19	2.26	108.3	1159.16
3/5/2021 22:00	2.13	2.17	103.13	1122.4
3/5/2021 23:00	1.93	2.03	98.56	1089.13
3/6/2021 0:00	1.83	1.97	94.88	1044.72
3/6/2021 1:00	1.71	1.94	92.56	1012.51
3/6/2021 2:00	1.67	1.92	92.05	995.96
3/6/2021 3:00	1.64	1.94	91.9	989.36
3/6/2021 4:00	1.66	1.93	92.02	992.91
3/6/2021 5:00	1.68	1.94	93.8	1016.22
3/6/2021 6:00	1.72	2.03	98.23	1045.08
3/6/2021 7:00	1.99	2.07	103.07	1054.33
3/6/2021 8:00	2.07	2.13	104.15	1048.81
3/6/2021 9:00	2.1	2.34	105.73	1040.99
3/6/2021 10:00	2.17	2.43	106.65	1026.35
3/6/2021 11:00	2.15	2.42	107.22	1014.25
3/6/2021 12:00	2.24	2.44	105.69	1008.13
3/6/2021 13:00	2.18	2.41	103.58	997.24
3/6/2021 14:00	2.08	2.32	102.52	985.5
3/6/2021 15:00	1.96	2.29	101.43	966.01
3/6/2021 16:00	1.97	2.24	100.64	971.7
3/6/2021 17:00	2.09	2.27	99.28	973.21
3/6/2021 18:00	2.38	2.31	100.2	969.74
3/6/2021 19:00	2.39	2.33	100.97	964.43
3/6/2021 20:00	2.41	2.27	98.95	950.17
3/6/2021 21:00	2.29	2.16	96.02	953.3
3/6/2021 22:00	2.06	2.09	92.41	965.2
3/6/2021 23:00	1.86	2.03	89.74	950.19
3/7/2021 0:00	1.74	1.95	88.36	937.68
3/7/2021 1:00	1.64	1.91	87.68	924.74
3/7/2021 2:00	1.57	1.89	87.06	920.13
3/7/2021 3:00	1.6	1.88	86.74	914.13
3/7/2021 4:00	1.6	1.9	87.55	915.09
3/7/2021 5:00	1.64	1.92	89.18	924.77
3/7/2021 6:00	1.73	1.97	91.27	940.89
3/7/2021 7:00	1.85	1.93	93.33	940.34
3/7/2021 8:00	2	1.92	94.31	914.49
3/7/2021 9:00	2.12	1.99	96.97	893.53
3/7/2021 10:00	2.2	2.04	97.25	880.59
3/7/2021 11:00	2.18	2.02	98.26	872.97
3/7/2021 12:00	2.21	2.07	97.98	867.03
3/7/2021 13:00	2.12	2.06	97.57	864.17
3/7/2021 14:00	2.11	2.01	97.15	858.15
3/7/2021 15:00	1.94	1.98	96.29	853.15
3/7/2021 16:00	1.96	1.94	95.2	850.08
3/7/2021 17:00	2.17	1.93	93.58	859.66
3/7/2021 18:00	2.38	2.03	95.17	866.3
3/7/2021 19:00	2.42	2.2	95.52	872.7

3/7/2021 20:00	2.35	2.12	93.6	871.11
3/7/2021 21:00	2.23	2.06	90.76	871.77
3/7/2021 22:00	2.04	1.99	89.28	877.28
3/7/2021 23:00	1.78	1.94	88.95	890.41
3/8/2021 0:00	1.63	1.89	88.75	918.47
3/8/2021 1:00	1.55	1.89	88.69	937.72
3/8/2021 2:00	1.5	1.87	89.87	959.03
3/8/2021 3:00	1.52	1.88	90.3	970.15
3/8/2021 4:00	1.53	1.96	92.31	997.99
3/8/2021 5:00	1.62	1.97	96.96	1050.43
3/8/2021 6:00	1.81	2.16	107.08	1138.21
3/8/2021 7:00	1.97	2.43	121.43	1234.49
3/8/2021 8:00	1.95	2.77	132.35	1301.21
3/8/2021 9:00	1.95	3	137.19	1310.02
3/8/2021 10:00	1.91	2.99	138.72	1312.18
3/8/2021 11:00	1.83	3.12	139.09	1334.67
3/8/2021 12:00	1.77	3.06	138.49	1329.92
3/8/2021 13:00	1.86	3.14	136.59	1315.72
3/8/2021 14:00	1.63	3.26	136.21	1330.49
3/8/2021 15:00	1.65	3.26	133.11	1309.88
3/8/2021 16:00	1.63	2.91	127.6	1294.43
3/8/2021 17:00	1.79	2.78	120.23	1291.67
3/8/2021 18:00	2.14	2.55	116.99	1275.8
3/8/2021 19:00	2.19	2.55	115.58	1258.45
3/8/2021 20:00	2.1	2.38	111.81	1252.64
3/8/2021 21:00	2.01	2.26	108.06	1241.65
3/8/2021 22:00	1.88	2.17	103.29	1222.04
3/8/2021 23:00	1.61	2.05	99.68	1216.83
3/9/2021 0:00	1.5	1.97	96.74	1198.94
3/9/2021 1:00	1.43	1.98	94.63	1169.82
3/9/2021 2:00	1.35	1.97	92.45	1139.84
3/9/2021 3:00	1.35	1.94	92.23	1134.68
3/9/2021 4:00	1.34	2.01	93.38	1126.48
3/9/2021 5:00	1.41	1.98	97.8	1173.01
3/9/2021 6:00	1.51	2.25	106	1266.36
3/9/2021 7:00	1.74	2.44	119.22	1363.22
3/9/2021 8:00	1.84	2.83	129.49	1402.76
3/9/2021 9:00	1.73	3	134.9	1396.77
3/9/2021 10:00	1.63	3.04	135.55	1373.13
3/9/2021 11:00	1.6	3.1	137.46	1383.79
3/9/2021 12:00	1.59	3.16	137.49	1395.76
3/9/2021 13:00	1.59	3.12	134.68	1380.19
3/9/2021 14:00	1.54	3.16	135.88	1408.88
3/9/2021 15:00	1.46	3.05	132.91	1383.37
3/9/2021 16:00	1.37	2.84	127.78	1358.05
3/9/2021 17:00	1.58	2.68	120.18	1325.69
3/9/2021 18:00	1.88	2.47	115.46	1300.83
3/9/2021 19:00	2.08	2.4	113.68	1284.58
3/9/2021 20:00	2.06	2.29	110.41	1281.69
3/9/2021 21:00	1.87	2.18	106.37	1262.81
3/9/2021 22:00	1.74	2.07	102.3	1238.15
3/9/2021 23:00	1.49	1.92	97.38	1227.92
3/10/2021 0:00	1.35	1.9	94.9	1198.91

3/10/2021 1:00	1.32	1.9	93.11	1176.7
3/10/2021 2:00	1.29	1.9	91.83	1152.02
3/10/2021 3:00	1.32	1.93	91.76	1145.96
3/10/2021 4:00	1.32	1.99	93.29	1133.35
3/10/2021 5:00	1.41	2.02	97.58	1163.5
3/10/2021 6:00	1.58	2.24	106.98	1264.64
3/10/2021 7:00	1.69	2.48	120.32	1346.1
3/10/2021 8:00	1.77	2.78	129.98	1368.59
3/10/2021 9:00	1.69	2.95	134.04	1367.47
3/10/2021 10:00	1.57	2.96	135.19	1358.72
3/10/2021 11:00	1.6	3.09	136.15	1368.4
3/10/2021 12:00	1.61	3.15	135.96	1371.6
3/10/2021 13:00	1.52	2.99	133.77	1360.21
3/10/2021 14:00	1.52	3.01	134.79	1370.18
3/10/2021 15:00	1.47	2.9	131.89	1351.52
3/10/2021 16:00	1.45	2.8	126.8	1336.6
3/10/2021 17:00	1.56	2.64	119.42	1317.2
3/10/2021 18:00	1.73	2.43	115.57	1289.74
3/10/2021 19:00	1.98	2.39	113.61	1257.4
3/10/2021 20:00	1.86	2.13	110.37	1250.67
3/10/2021 21:00	1.88	1.96	105.43	1228.33
3/10/2021 22:00	1.76	1.86	100.89	1215.51
3/10/2021 23:00	1.54	1.78	97.2	1201.02
3/11/2021 0:00	1.31	1.69	93.64	1187.67
3/11/2021 1:00	1.25	1.68	91.96	1150.18
3/11/2021 2:00	1.23	1.67	91.14	1120.74
3/11/2021 3:00	1.21	1.66	91.11	1111.32
3/11/2021 4:00	1.23	1.69	91.82	1110.5
3/11/2021 5:00	1.3	1.72	95.64	1154.06
3/11/2021 6:00	1.44	1.99	104.07	1244.71
3/11/2021 7:00	1.51	2.14	117.19	1320.28
3/11/2021 8:00	1.59	2.5	128.9	1365.61
3/11/2021 9:00	1.59	2.68	133.6	1359.47
3/11/2021 10:00	1.65	2.73	133.96	1324.24
3/11/2021 11:00	1.47	2.87	136.48	1373.7
3/11/2021 12:00	1.44	2.86	137.45	1397.66
3/11/2021 13:00	1.4	2.75	135.38	1381.64
3/11/2021 14:00	1.35	2.81	137.6	1413.7
3/11/2021 15:00	1.28	2.78	136.27	1400.4
3/11/2021 16:00	1.4	2.61	130.95	1382.72
3/11/2021 17:00	1.45	2.47	124.6	1362.37
3/11/2021 18:00	1.56	2.23	119.25	1320.6
3/11/2021 19:00	1.69	2.13	116.83	1296.08
3/11/2021 20:00	1.73	2.05	112.74	1286.45
3/11/2021 21:00	1.57	1.89	107.52	1271.13
3/11/2021 22:00	1.51	1.77	101.51	1225.73
3/11/2021 23:00	1.32	1.72	96.14	1200.54
3/12/2021 0:00	1.11	1.62	93.04	1173.27
3/12/2021 1:00	1.01	1.61	90.15	1129.82
3/12/2021 2:00	0.99	1.56	88.62	1103.71
3/12/2021 3:00	0.95	1.55	88.25	1090.05
3/12/2021 4:00	0.93	1.57	89.05	1097.81
3/12/2021 5:00	0.99	1.61	92.68	1139.18

3/12/2021 6:00	1.11	1.77	101.13	1200.01
3/12/2021 7:00	1.31	2.03	112.53	1273.72
3/12/2021 8:00	1.33	2.34	122.61	1312.86
3/12/2021 9:00	1.38	2.57	127.31	1307.51
3/12/2021 10:00	1.35	2.63	129.48	1284.77
3/12/2021 11:00	1.41	2.77	132.14	1311.45
3/12/2021 12:00	1.34	2.77	131.85	1311.37
3/12/2021 13:00	1.3	2.65	129.57	1268.29
3/12/2021 14:00	1.27	2.67	129.57	1282.2
3/12/2021 15:00	1.22	2.57	126.23	1245.4
3/12/2021 16:00	1.3	2.39	119.17	1229.24
3/12/2021 17:00	1.33	2.32	113.49	1214.85
3/12/2021 18:00	1.53	2.12	110.38	1191.13
3/12/2021 19:00	1.87	2.12	108.47	1168.33
3/12/2021 20:00	1.72	2.02	105.03	1148.63
3/12/2021 21:00	1.59	1.95	101.55	1126.88
3/12/2021 22:00	1.47	1.84	95.41	1095.56
3/12/2021 23:00	1.36	1.73	90.16	1049.34
3/13/2021 0:00	1.24	1.68	86.47	1006.65
3/13/2021 1:00	1.14	1.68	84.28	981.29
3/13/2021 2:00	1.14	1.65	84.31	961.02
3/13/2021 3:00	1.13	1.69	84.18	959.66
3/13/2021 4:00	1.18	1.69	84.29	953.97
3/13/2021 5:00	1.22	1.75	86.62	984.92
3/13/2021 6:00	1.3	1.81	91.33	1006.68
3/13/2021 7:00	1.59	1.8	95.17	1007.81
3/13/2021 8:00	1.72	1.97	97.83	996.7
3/13/2021 9:00	1.79	2.14	99.44	986.82
3/13/2021 10:00	1.83	2.22	100.89	965.23
3/13/2021 11:00	1.86	2.25	101.6	959.84
3/13/2021 12:00	1.76	2.27	101.18	954.02
3/13/2021 13:00	1.68	2.16	98.96	951.99
3/13/2021 14:00	1.64	2.1	98.55	947.26
3/13/2021 15:00	1.59	2.04	96.55	936.02
3/13/2021 16:00	1.68	2	95.64	930.54
3/13/2021 17:00	1.75	2.03	93.61	935.46
3/13/2021 18:00	2	2.03	95.15	929.72
3/13/2021 19:00	2.01	2.12	96.27	924.57
3/13/2021 20:00	1.98	2.08	94.17	920.23
3/13/2021 21:00	1.86	1.96	91.25	915.23
3/13/2021 22:00	1.69	1.89	88.2	905.35
3/13/2021 23:00	1.54	1.86	85.07	906.47
3/14/2021 0:00	1.45	1.78	83.55	891
3/14/2021 1:00	1.34	1.73	82.41	874.76
3/14/2021 2:00	1.3	1.7	82.32	866.87
3/14/2021 3:00	1.27	1.7	81.71	861.6
3/14/2021 4:00	1.27	1.73	82.91	863.64
3/14/2021 5:00	1.29	1.76	85.25	882.61
3/14/2021 6:00	1.42	1.78	89.17	892.84
3/14/2021 7:00	1.58	1.74	91.16	887.07
3/14/2021 8:00	1.67	1.79	92.17	874.63
3/14/2021 9:00	1.7	1.85	93.16	858.47
3/14/2021 10:00	1.89	1.86	94.59	854.46

3/14/2021 11:00	1.97	1.96	95.27	860.56
3/14/2021 12:00	1.98	2.01	94.72	860.15
3/14/2021 13:00	2.03	1.99	94.72	865.3
3/14/2021 14:00	1.97	2	94.31	866.77
3/14/2021 15:00	1.89	2	93.34	867.26
3/14/2021 16:00	1.97	2	90.81	853.26
3/14/2021 17:00	2.14	2.02	90.94	850.65
3/14/2021 18:00	2.24	2.1	91.51	863.24
3/14/2021 19:00	2.25	2.17	92.65	880.55
3/14/2021 20:00	2.21	2.07	90.13	876.43
3/14/2021 21:00	2.11	2	88.35	882.93
3/14/2021 22:00	1.98	2.01	88.25	892.87
3/14/2021 23:00	1.84	2	88.61	925.97
3/15/2021 0:00	1.67	1.97	88.75	952.28
3/15/2021 1:00	1.58	1.94	89.44	964.58
3/15/2021 2:00	1.56	1.97	89.92	966.23
3/15/2021 3:00	1.57	2	92.23	974.77
3/15/2021 4:00	1.64	2.06	96.25	1033.46
3/15/2021 5:00	1.76	2.21	106.4	1137.26
3/15/2021 6:00	1.98	2.56	122.69	1232.09
3/15/2021 7:00	2.1	2.95	133.47	1295.13
3/15/2021 8:00	2.11	3.24	140.19	1344.2
3/15/2021 9:00	2.16	3.32	141.13	1343.13
3/15/2021 10:00	2.24	3.46	142.24	1362.17
3/15/2021 11:00	2.22	3.46	142.12	1341.85
3/15/2021 12:00	2.2	3.26	139.63	1340.91
3/15/2021 13:00	2.17	3.3	139.21	1354.43
3/15/2021 14:00	2.04	3.27	135.58	1321.82
3/15/2021 15:00	1.96	2.99	130.13	1304.73
3/15/2021 16:00	2.07	2.76	122.63	1275.84
3/15/2021 17:00	2.31	2.49	116.96	1255.21
3/15/2021 18:00	2.46	2.36	115.14	1243.01
3/15/2021 19:00	2.41	2.37	115.24	1244.39
3/15/2021 20:00	2.48	2.27	111.58	1229.84
3/15/2021 21:00	2.3	2.22	108.05	1210.58
3/15/2021 22:00	2.01	2.14	103.89	1195.83
3/15/2021 23:00	1.8	2.07	101.08	1181.01
3/16/2021 0:00	1.76	2.06	98.99	1161.44
3/16/2021 1:00	1.64	2	97.61	1130.85
3/16/2021 2:00	1.61	1.99	97.27	1121.62
3/16/2021 3:00	1.65	2.14	98.22	1132.17
3/16/2021 4:00	1.73	2.2	102.16	1176.86
3/16/2021 5:00	1.83	2.25	111.24	1258.08
3/16/2021 6:00	2.03	2.57	125.72	1345.55
3/16/2021 7:00	2.06	2.89	135.16	1397.24
3/16/2021 8:00	2.04	3.14	140.29	1398.89
3/16/2021 9:00	1.93	3.21	140.91	1373.89
3/16/2021 10:00	1.93	3.25	140.99	1385.01
3/16/2021 11:00	1.94	3.26	139.61	1374.23
3/16/2021 12:00	1.92	3.15	137.06	1351.43
3/16/2021 13:00	1.77	3.05	137.5	1362.55
3/16/2021 14:00	1.67	2.97	133.27	1325.84
3/16/2021 15:00	1.69	2.86	126.43	1291.4

3/16/2021 16:00	1.83	2.62	118.84	1271.4
3/16/2021 17:00	2.1	2.32	113.83	1239.21
3/16/2021 18:00	2.07	2.17	111.62	1228.46
3/16/2021 19:00	2.18	2.23	111.13	1233.23
3/16/2021 20:00	2.12	2.16	107.37	1232.36
3/16/2021 21:00	1.92	2	103.37	1200.79
3/16/2021 22:00	1.68	1.91	98.94	1191.55
3/16/2021 23:00	1.48	1.87	96.81	1172.94
3/17/2021 0:00	1.4	1.88	94.86	1144.61
3/17/2021 1:00	1.36	1.8	93.44	1132.1
3/17/2021 2:00	1.36	1.8	92.85	1115.48
3/17/2021 3:00	1.42	1.87	94.58	1115.29
3/17/2021 4:00	1.43	1.89	98.93	1153.69
3/17/2021 5:00	1.58	2.08	107.75	1243.94
3/17/2021 6:00	1.73	2.37	121.63	1327.54
3/17/2021 7:00	1.85	2.64	130.87	1368.16
3/17/2021 8:00	1.87	2.88	135.66	1370.35
3/17/2021 9:00	1.72	2.94	136.5	1338.46
3/17/2021 10:00	1.69	2.94	136.47	1366.88
3/17/2021 11:00	1.69	2.98	135.49	1364.89
3/17/2021 12:00	1.68	2.81	132.77	1356.83
3/17/2021 13:00	1.52	2.9	133.57	1368.71
3/17/2021 14:00	1.44	2.91	130.9	1336.13
3/17/2021 15:00	1.41	2.69	125.66	1312.86
3/17/2021 16:00	1.5	2.43	118.2	1292.92
3/17/2021 17:00	1.64	2.23	112.28	1262.68
3/17/2021 18:00	1.69	2.09	110.08	1235.97
3/17/2021 19:00	1.79	2.11	108.83	1237.45
3/17/2021 20:00	1.74	2.03	105.04	1229.89
3/17/2021 21:00	1.6	1.9	101.18	1197.93
3/17/2021 22:00	1.45	1.8	97.32	1198.05
3/17/2021 23:00	1.32	1.72	94.09	1166.37
3/18/2021 0:00	1.23	1.68	91.79	1135.77
3/18/2021 1:00	1.15	1.64	90.63	1120.31
3/18/2021 2:00	1.19	1.67	90.04	1104.95
3/18/2021 3:00	1.2	1.75	91.62	1109.25
3/18/2021 4:00	1.23	1.79	95.44	1146.54
3/18/2021 5:00	1.38	1.95	103.66	1213.97
3/18/2021 6:00	1.51	2.22	118.79	1301.81
3/18/2021 7:00	1.57	2.56	129.39	1353.39
3/18/2021 8:00	1.62	2.99	135.53	1374.59
3/18/2021 9:00	1.69	2.95	136.77	1370.79
3/18/2021 10:00	1.62	3.1	137.81	1384.85
3/18/2021 11:00	1.7	2.97	137.28	1378.62
3/18/2021 12:00	1.68	2.92	135.21	1369.74
3/18/2021 13:00	1.62	2.87	135.44	1380.73
3/18/2021 14:00	1.65	2.87	133.05	1361.34
3/18/2021 15:00	1.72	2.71	128.05	1323.07
3/18/2021 16:00	1.79	2.61	120.49	1293.28
3/18/2021 17:00	1.96	2.34	114.88	1227.58
3/18/2021 18:00	2.04	2.2	112.14	1189.87
3/18/2021 19:00	1.99	2.16	110.68	1229.49
3/18/2021 20:00	1.79	2.09	106.32	1219.13

3/18/2021 21:00	1.67	1.94	102.36	1206.21
3/18/2021 22:00	1.44	1.85	98.05	1191.85
3/18/2021 23:00	1.32	1.79	94.59	1148.14
3/19/2021 0:00	1.28	1.75	93.07	1114.77
3/19/2021 1:00	1.2	1.75	92.19	1092.58
3/19/2021 2:00	1.21	1.75	91.86	1078.43
3/19/2021 3:00	1.27	1.83	92.91	1086.59
3/19/2021 4:00	1.36	1.88	97.11	1122.35
3/19/2021 5:00	1.46	2.02	105.54	1202.25
3/19/2021 6:00	1.67	2.39	119.31	1277.05
3/19/2021 7:00	1.81	2.71	129.18	1323.29
3/19/2021 8:00	1.81	2.91	133.63	1326.04
3/19/2021 9:00	1.8	2.98	133.44	1296.93
3/19/2021 10:00	1.86	3.08	133.83	1289.64
3/19/2021 11:00	1.8	3.09	133.61	1293.91
3/19/2021 12:00	1.71	2.88	130.3	1263.2
3/19/2021 13:00	1.64	2.86	129.44	1258.29
3/19/2021 14:00	1.6	2.77	125.46	1229.59
3/19/2021 15:00	1.68	2.62	119.21	1193.6
3/19/2021 16:00	1.76	2.48	112.62	1178
3/19/2021 17:00	1.84	2.3	108.93	1164.32
3/19/2021 18:00	1.99	2.2	107.47	1147.49
3/19/2021 19:00	2.08	2.2	107.23	1145.39
3/19/2021 20:00	1.93	2.13	103.98	1138.24
3/19/2021 21:00	1.87	2.04	100.42	1106.78
3/19/2021 22:00	1.83	1.97	95.72	1076.2
3/19/2021 23:00	1.58	1.86	91.89	1034.27
3/20/2021 0:00	1.45	1.88	89.66	1000.01
3/20/2021 1:00	1.4	1.83	88.81	987.1
3/20/2021 2:00	1.4	1.8	87.91	976.53
3/20/2021 3:00	1.4	1.81	87.92	974.24
3/20/2021 4:00	1.41	1.84	89.92	992.05
3/20/2021 5:00	1.45	1.89	94.86	1004.04
3/20/2021 6:00	1.6	1.98	101.04	1016.98
3/20/2021 7:00	1.8	2.1	101.85	1002.69
3/20/2021 8:00	1.87	2.22	102.35	994.84
3/20/2021 9:00	1.81	2.28	103.07	971.81
3/20/2021 10:00	1.98	2.26	103.15	957.27
3/20/2021 11:00	1.93	2.23	100.95	957.33
3/20/2021 12:00	1.8	2.18	99.38	956.78
3/20/2021 13:00	1.65	2.12	99.45	962.34
3/20/2021 14:00	1.49	2.01	97.93	962.33
3/20/2021 15:00	1.53	2	96.59	949.94
3/20/2021 16:00	1.61	1.97	93.3	948.8
3/20/2021 17:00	1.66	1.95	92.12	945.69
3/20/2021 18:00	1.63	1.92	91.58	928.34
3/20/2021 19:00	1.76	1.99	91.83	911.32
3/20/2021 20:00	1.82	1.97	89.37	910.52
3/20/2021 21:00	1.75	1.88	87.12	909.11
3/20/2021 22:00	1.53	1.78	84.42	896.7
3/20/2021 23:00	1.37	1.74	82.93	886.12
3/21/2021 0:00	1.32	1.74	82.27	881.3
3/21/2021 1:00	1.25	1.67	81.83	882.09

3/21/2021 2:00	1.25	1.66	81.67	882.86
3/21/2021 3:00	1.28	1.68	81.95	877.84
3/21/2021 4:00	1.26	1.71	83.17	890.19
3/21/2021 5:00	1.32	1.77	85.77	907.15
3/21/2021 6:00	1.41	1.82	89.37	906.82
3/21/2021 7:00	1.57	1.8	89.89	891.76
3/21/2021 8:00	1.69	1.8	91.11	882.35
3/21/2021 9:00	1.85	1.87	91.26	868.64
3/21/2021 10:00	1.76	1.84	92.21	874.3
3/21/2021 11:00	1.68	1.9	93.17	886.91
3/21/2021 12:00	1.6	1.85	93.61	899.75
3/21/2021 13:00	1.59	1.85	94.65	901.87
3/21/2021 14:00	1.41	1.81	94.58	906.08
3/21/2021 15:00	1.36	1.83	93.99	900.18
3/21/2021 16:00	1.43	1.81	91.45	900.52
3/21/2021 17:00	1.56	1.83	90.06	893.54
3/21/2021 18:00	1.82	1.78	89.06	876.43
3/21/2021 19:00	1.86	1.83	88.47	862.03
3/21/2021 20:00	1.77	1.82	85.48	863.36
3/21/2021 21:00	1.64	1.71	83.58	868.19
3/21/2021 22:00	1.37	1.69	82.76	875.07
3/21/2021 23:00	1.2	1.69	82.48	891.14
3/22/2021 0:00	1.13	1.66	82.99	909.55
3/22/2021 1:00	1.1	1.64	83.18	918.87
3/22/2021 2:00	1.12	1.61	83.34	915.18
3/22/2021 3:00	1.14	1.74	85.61	940.37
3/22/2021 4:00	1.23	1.74	90.85	1005.56
3/22/2021 5:00	1.34	1.93	100.62	1101.63
3/22/2021 6:00	1.58	2.25	115.48	1214.61
3/22/2021 7:00	1.71	2.57	125.34	1268.51
3/22/2021 8:00	1.63	2.76	131.17	1278.41
3/22/2021 9:00	1.56	2.79	132.06	1300.1
3/22/2021 10:00	1.46	2.86	133.51	1335.98
3/22/2021 11:00	1.45	2.85	134.7	1361.09
3/22/2021 12:00	1.34	2.79	133.45	1365.04
3/22/2021 13:00	1.24	2.84	135.74	1390.24
3/22/2021 14:00	1.22	2.76	133.59	1371.91
3/22/2021 15:00	1.23	2.66	127.99	1346.53
3/22/2021 16:00	1.39	2.45	119.8	1321.73
3/22/2021 17:00	1.59	2.16	114.22	1300.91
3/22/2021 18:00	1.79	2.04	109.47	1268.84
3/22/2021 19:00	1.85	2.03	107.84	1248.58
3/22/2021 20:00	1.78	1.94	104.1	1226.54
3/22/2021 21:00	1.59	1.82	99.4	1197.07
3/22/2021 22:00	1.38	1.73	95.8	1177.22
3/22/2021 23:00	1.18	1.67	92.17	1141.78
3/23/2021 0:00	1.11	1.64	90.69	1111.02
3/23/2021 1:00	1.12	1.62	89.27	1093.59
3/23/2021 2:00	1.08	1.65	89.48	1079.75
3/23/2021 3:00	1.17	1.69	90.36	1087.55
3/23/2021 4:00	1.24	1.7	94.69	1137.35
3/23/2021 5:00	1.3	1.92	103.25	1230.46
3/23/2021 6:00	1.52	2.2	117.71	1315.14

3/23/2021 7:00	1.7	2.54	127.67	1369.93
3/23/2021 8:00	1.59	2.7	132.58	1383.66
3/23/2021 9:00	1.61	2.68	133.07	1370.99
3/23/2021 10:00	1.52	2.83	133.95	1394.96
3/23/2021 11:00	1.51	2.89	135.18	1411.66
3/23/2021 12:00	1.37	2.82	134.84	1409.15
3/23/2021 13:00	1.25	2.9	136.45	1429.71
3/23/2021 14:00	1.17	2.79	134.52	1406.92
3/23/2021 15:00	1.11	2.71	129.28	1365.39
3/23/2021 16:00	1.24	2.57	121.57	1354.81
3/23/2021 17:00	1.42	2.26	115.6	1333
3/23/2021 18:00	1.54	2	111.17	1296.57
3/23/2021 19:00	1.57	1.96	108.41	1284.75
3/23/2021 20:00	1.62	1.92	103.48	1263.33
3/23/2021 21:00	1.49	1.77	99.66	1230.68
3/23/2021 22:00	1.28	1.68	94.48	1205.27
3/23/2021 23:00	1.11	1.59	91.27	1179.55
3/24/2021 0:00	1.06	1.56	88.97	1148.86
3/24/2021 1:00	1	1.53	88.06	1122.46
3/24/2021 2:00	1	1.51	87.64	1117.76
3/24/2021 3:00	1.02	1.54	88.93	1120.03
3/24/2021 4:00	1.1	1.58	93.2	1150.43
3/24/2021 5:00	1.23	1.77	102.51	1242.83
3/24/2021 6:00	1.35	2.05	116.66	1326.31
3/24/2021 7:00	1.49	2.43	126.42	1357.39
3/24/2021 8:00	1.51	2.55	131.41	1372.39
3/24/2021 9:00	1.55	2.6	132.36	1356.3
3/24/2021 10:00	1.5	2.75	134.03	1384.79
3/24/2021 11:00	1.52	2.8	135	1400.34
3/24/2021 12:00	1.48	2.71	133.5	1384.07
3/24/2021 13:00	1.42	2.76	133.89	1392.48
3/24/2021 14:00	1.3	2.67	132.07	1392.18
3/24/2021 15:00	1.3	2.61	126.59	1349.22
3/24/2021 16:00	1.49	2.49	118.32	1328.39
3/24/2021 17:00	1.69	2.15	112.65	1299.66
3/24/2021 18:00	1.78	1.99	109.62	1260.79
3/24/2021 19:00	1.78	2.04	108.06	1263.18
3/24/2021 20:00	1.68	1.94	104.07	1248.49
3/24/2021 21:00	1.5	1.81	98.75	1213.06
3/24/2021 22:00	1.32	1.69	95.08	1212.41
3/24/2021 23:00	1.13	1.62	92.18	1185.26
3/25/2021 0:00	1.02	1.58	90.21	1156.7
3/25/2021 1:00	0.94	1.55	88.62	1141.64
3/25/2021 2:00	0.95	1.53	87.38	1128.74
3/25/2021 3:00	0.94	1.55	88.17	1125.52
3/25/2021 4:00	0.97	1.56	92.42	1161.96
3/25/2021 5:00	1.1	1.74	100.93	1236.38
3/25/2021 6:00	1.32	2.03	114.49	1329.92
3/25/2021 7:00	1.4	2.38	125.53	1378.38
3/25/2021 8:00	1.42	2.61	132.07	1396.71
3/25/2021 9:00	1.43	2.66	133.8	1380.97
3/25/2021 10:00	1.42	2.81	135.16	1390.68
3/25/2021 11:00	1.41	2.79	135.79	1394.44

3/25/2021 12:00	1.43	2.74	134.16	1383.82
3/25/2021 13:00	1.33	2.89	135.27	1405.43
3/25/2021 14:00	1.32	2.77	133.73	1378.11
3/25/2021 15:00	1.3	2.62	130.23	1384.3
3/25/2021 16:00	1.31	2.45	123.36	1375.68
3/25/2021 17:00	1.36	2.22	116.81	1343.25
3/25/2021 18:00	1.5	2.05	113.86	1308.38
3/25/2021 19:00	1.6	2.04	111.65	1294.19
3/25/2021 20:00	1.52	1.97	106.53	1278.93
3/25/2021 21:00	1.32	1.84	101.43	1237.81
3/25/2021 22:00	1.17	1.74	96.34	1222.6
3/25/2021 23:00	1.01	1.68	92.89	1192.23
3/26/2021 0:00	0.95	1.62	90.06	1160.03
3/26/2021 1:00	0.93	1.56	88.09	1135.48
3/26/2021 2:00	0.91	1.52	86.95	1130.35
3/26/2021 3:00	0.9	1.54	87.9	1127.46
3/26/2021 4:00	0.93	1.63	91.59	1161.6
3/26/2021 5:00	1.03	1.7	100.42	1232.32
3/26/2021 6:00	1.18	1.99	113.64	1319.63
3/26/2021 7:00	1.3	2.38	123.3	1368.19
3/26/2021 8:00	1.31	2.57	129.63	1390.21
3/26/2021 9:00	1.36	2.63	131.02	1389.46
3/26/2021 10:00	1.34	2.75	133.47	1406.57
3/26/2021 11:00	1.36	2.78	133.31	1417.07
3/26/2021 12:00	1.44	2.66	132.04	1409.53
3/26/2021 13:00	1.34	2.72	132.34	1404.07
3/26/2021 14:00	1.31	2.71	130.76	1367.54
3/26/2021 15:00	1.29	2.53	126.38	1335.99
3/26/2021 16:00	1.25	2.45	121.98	1327.56
3/26/2021 17:00	1.39	2.26	117.79	1299.06
3/26/2021 18:00	1.48	2.07	112.81	1254.01
3/26/2021 19:00	1.46	2.01	109.06	1232.09
3/26/2021 20:00	1.53	1.95	102.78	1186.26
3/26/2021 21:00	1.44	1.8	96.47	1140.49
3/26/2021 22:00	1.26	1.75	90.48	1111.97
3/26/2021 23:00	1.13	1.64	87.46	1048.17
3/27/2021 0:00	1.03	1.6	84.78	1009.57
3/27/2021 1:00	0.99	1.55	83.15	986.08
3/27/2021 2:00	0.92	1.53	81.71	972.21
3/27/2021 3:00	0.94	1.54	81.79	969.79
3/27/2021 4:00	0.98	1.55	83.65	979.41
3/27/2021 5:00	1.02	1.59	87.75	1009.4
3/27/2021 6:00	1.16	1.67	93.27	1024.91
3/27/2021 7:00	1.39	1.75	94.59	1011.15
3/27/2021 8:00	1.53	1.88	96.97	1009.13
3/27/2021 9:00	1.49	1.97	97.99	992.52
3/27/2021 10:00	1.66	2.05	98.69	988.67
3/27/2021 11:00	1.56	2.04	98.43	979.13
3/27/2021 12:00	1.5	2.03	96.94	975.99
3/27/2021 13:00	1.37	2.03	97.27	971.06
3/27/2021 14:00	1.36	1.95	96.23	956.19
3/27/2021 15:00	1.36	1.93	95.59	946.89
3/27/2021 16:00	1.33	1.9	93.28	951.53

3/27/2021 17:00	1.46	1.89	90.69	936.02
3/27/2021 18:00	1.51	1.83	88.93	909.13
3/27/2021 19:00	1.61	1.88	89.84	900.18
3/27/2021 20:00	1.59	1.85	87.69	898.19
3/27/2021 21:00	1.46	1.75	84.55	897.67
3/27/2021 22:00	1.3	1.71	81.4	889.05
3/27/2021 23:00	1.15	1.62	79.49	877.37
3/28/2021 0:00	1.11	1.61	78.36	866.83
3/28/2021 1:00	1	1.54	78.31	864.06
3/28/2021 2:00	0.99	1.5	78.18	862.67
3/28/2021 3:00	0.96	1.52	78	861.9
3/28/2021 4:00	1	1.55	79.16	870.15
3/28/2021 5:00	1.03	1.57	81.72	887.52
3/28/2021 6:00	1.11	1.6	85.32	884.35
3/28/2021 7:00	1.34	1.63	87.64	882.04
3/28/2021 8:00	1.53	1.73	89.66	893.11
3/28/2021 9:00	1.61	1.83	90.8	897.95
3/28/2021 10:00	1.78	1.86	91.95	897.36
3/28/2021 11:00	1.86	1.9	92.9	899.89
3/28/2021 12:00	1.91	1.94	93.18	904.61
3/28/2021 13:00	1.98	1.92	93.67	903.82
3/28/2021 14:00	1.91	1.94	93.33	896.24
3/28/2021 15:00	2.03	1.82	91.77	883.46
3/28/2021 16:00	2.1	1.85	91.74	893.44
3/28/2021 17:00	2.28	1.85	91.25	880.33
3/28/2021 18:00	2.03	1.84	89.9	872.25
3/28/2021 19:00	2.02	1.85	88.84	869.52
3/28/2021 20:00	1.88	1.8	84.95	871.22
3/28/2021 21:00	1.71	1.76	83.24	878.9
3/28/2021 22:00	1.54	1.77	82.38	891.66
3/28/2021 23:00	1.22	1.71	81.91	910.88
3/29/2021 0:00	1.16	1.69	81.99	931.02
3/29/2021 1:00	1.06	1.61	82.12	934.59
3/29/2021 2:00	1.05	1.57	81.95	945.88
3/29/2021 3:00	1.07	1.61	84.42	968.42
3/29/2021 4:00	1.11	1.67	89.45	1018.82
3/29/2021 5:00	1.22	1.84	99.26	1111.15
3/29/2021 6:00	1.44	2.15	114.03	1212.24
3/29/2021 7:00	1.58	2.54	123.82	1268.61
3/29/2021 8:00	1.49	2.78	130.18	1306.71
3/29/2021 9:00	1.47	2.84	130.88	1309.2
3/29/2021 10:00	1.37	2.81	130.56	1323.45
3/29/2021 11:00	1.51	2.8	131.01	1310.98
3/29/2021 12:00	1.45	2.75	128.54	1314.95
3/29/2021 13:00	1.39	2.86	128.96	1348.34
3/29/2021 14:00	1.3	2.81	125.98	1317.42
3/29/2021 15:00	1.37	2.72	120.2	1295.63
3/29/2021 16:00	1.44	2.45	113.76	1273.53
3/29/2021 17:00	1.65	2.21	108.61	1245.55
3/29/2021 18:00	1.73	2.03	106.01	1230.12
3/29/2021 19:00	1.87	1.98	105.44	1231.37
3/29/2021 20:00	1.87	1.94	102.55	1221.13
3/29/2021 21:00	1.83	1.91	99.42	1199.77

3/29/2021 22:00	1.57	1.75	95.1	1186.25
3/29/2021 23:00	1.34	1.69	92	1156.56
3/30/2021 0:00	1.22	1.69	90.61	1137.89
3/30/2021 1:00	1.18	1.65	89.38	1127.33
3/30/2021 2:00	1.16	1.64	88.57	1114.39
3/30/2021 3:00	1.22	1.66	90.01	1125.67
3/30/2021 4:00	1.26	1.72	95.11	1158.98
3/30/2021 5:00	1.43	1.88	103.95	1246.83
3/30/2021 6:00	1.58	2.16	118.07	1329.67
3/30/2021 7:00	1.77	2.52	127.28	1370.28
3/30/2021 8:00	1.7	2.69	132.62	1372.32
3/30/2021 9:00	1.55	2.78	133.26	1368.72
3/30/2021 10:00	1.48	2.85	133.86	1364.46
3/30/2021 11:00	1.47	2.87	133.85	1368.35
3/30/2021 12:00	1.47	2.75	132.51	1362.41
3/30/2021 13:00	1.35	2.79	133.06	1384.54
3/30/2021 14:00	1.29	2.71	130.98	1359.45
3/30/2021 15:00	1.31	2.54	125.23	1340.03
3/30/2021 16:00	1.41	2.39	118.2	1308.12
3/30/2021 17:00	1.54	2.1	112.73	1289.38
3/30/2021 18:00	1.68	1.96	108.76	1258.39
3/30/2021 19:00	1.68	1.96	107.21	1257.47
3/30/2021 20:00	1.65	1.93	103.08	1251.17
3/30/2021 21:00	1.45	1.75	99.06	1215.73
3/30/2021 22:00	1.37	1.68	94.4	1197.11
3/30/2021 23:00	1.12	1.61	91.36	1172.69
3/31/2021 0:00	1.11	1.57	89.67	1129.83
3/31/2021 1:00	1.08	1.53	88.29	1106.69
3/31/2021 2:00	1.04	1.51	87.06	1095.75
3/31/2021 3:00	1.04	1.57	88.2	1088.27
3/31/2021 4:00	1.12	1.6	92.55	1137.31
3/31/2021 5:00	1.27	1.74	101.83	1222.6
3/31/2021 6:00	1.37	2.01	115.55	1316.64
3/31/2021 7:00	1.46	2.33	125.19	1353.38
3/31/2021 8:00	1.43	2.6	130.48	1379.12
3/31/2021 9:00	1.46	2.76	133.16	1379.27
3/31/2021 10:00	1.42	3.01	135.2	1408.93
3/31/2021 11:00	1.42	3.02	136.84	1419.02
3/31/2021 12:00	1.49	2.84	135.46	1413.76
3/31/2021 13:00	1.39	2.78	136.43	1432.5
3/31/2021 14:00	1.38	2.8	134.42	1405.39
3/31/2021 15:00	1.37	2.64	128.8	1392.08
3/31/2021 16:00	1.52	2.43	121.53	1359.99
3/31/2021 17:00	1.77	2.14	116	1327.16
3/31/2021 18:00	1.67	2.05	112.65	1291.61
3/31/2021 19:00	1.67	2.06	109.74	1288.92
3/31/2021 20:00	1.6	1.95	105.35	1288.86
3/31/2021 21:00	1.41	1.82	101.28	1256.45
3/31/2021 22:00	1.21	1.68	96.9	1234.14
3/31/2021 23:00	1.08	1.61	93.77	1206.09
4/1/2021 0:00	0.96	1.58	91.63	1173.82
4/1/2021 1:00	0.91	1.52	89.62	1127.54
4/1/2021 2:00	0.87	1.51	88.33	1119.27

4/1/2021 3:00	0.83	1.53	89.95	1127.21
4/1/2021 4:00	0.92	1.55	93.17	1160.91
4/1/2021 5:00	1.04	1.73	101.43	1220.02
4/1/2021 6:00	1.26	2.08	114.78	1318.07
4/1/2021 7:00	1.38	2.41	126.23	1351.36
4/1/2021 8:00	1.37	2.67	132.05	1367.43
4/1/2021 9:00	1.49	2.75	133.11	1362.68
4/1/2021 10:00	1.47	2.89	134.45	1353.87
4/1/2021 11:00	1.62	2.91	134.22	1349.59
4/1/2021 12:00	1.54	2.89	131.55	1335.05
4/1/2021 13:00	1.53	2.91	131.48	1333.16
4/1/2021 14:00	1.5	2.81	128.84	1312.97
4/1/2021 15:00	1.53	2.7	123.84	1293.46
4/1/2021 16:00	1.6	2.48	117.29	1257.68
4/1/2021 17:00	1.84	2.26	112.18	1226.87
4/1/2021 18:00	1.9	2.13	109.64	1190.75
4/1/2021 19:00	1.97	2.16	108.64	1201.36
4/1/2021 20:00	1.93	2.09	104.67	1189.12
4/1/2021 21:00	1.75	2.01	100.23	1159.35
4/1/2021 22:00	1.6	1.88	95.71	1150.37
4/1/2021 23:00	1.43	1.85	92.35	1103.19
4/2/2021 0:00	1.37	1.83	89.9	1080.21
4/2/2021 1:00	1.33	1.79	89.95	1064.29
4/2/2021 2:00	1.29	1.77	89.17	1054.44
4/2/2021 3:00	1.3	1.79	89.94	1045.22
4/2/2021 4:00	1.36	1.83	93.77	1068.92
4/2/2021 5:00	1.5	2.02	101.55	1110.75
4/2/2021 6:00	1.68	2.28	113.43	1186.24
4/2/2021 7:00	1.8	2.59	120.87	1210.65
4/2/2021 8:00	1.79	2.88	125.79	1216.97
4/2/2021 9:00	1.73	2.97	126.38	1204.04
4/2/2021 10:00	1.73	3.02	126.01	1206.25
4/2/2021 11:00	1.72	2.98	125.29	1192.54
4/2/2021 12:00	1.77	2.8	122.29	1160.99
4/2/2021 13:00	1.66	2.84	121.21	1157.91
4/2/2021 14:00	1.59	2.77	118.95	1131.69
4/2/2021 15:00	1.61	2.62	113.83	1113.06
4/2/2021 16:00	1.76	2.48	108.35	1098.85
4/2/2021 17:00	1.83	2.31	105.47	1080.7
4/2/2021 18:00	1.88	2.16	103.69	1061.65
4/2/2021 19:00	1.95	2.22	103.3	1059.48
4/2/2021 20:00	1.98	2.2	100.11	1053.78
4/2/2021 21:00	1.89	2.07	96.02	1028.4
4/2/2021 22:00	1.6	1.96	91.59	992.07
4/2/2021 23:00	1.46	1.89	87.76	950.31
4/3/2021 0:00	1.41	1.87	85.7	925.65
4/3/2021 1:00	1.35	1.81	84.44	917.75
4/3/2021 2:00	1.32	1.76	84.6	913.18
4/3/2021 3:00	1.34	1.77	84.83	916.53
4/3/2021 4:00	1.35	1.82	86.84	913.44
4/3/2021 5:00	1.42	1.9	90.82	926.93
4/3/2021 6:00	1.57	1.91	95.63	932.3
4/3/2021 7:00	1.79	2	96.07	911.72

4/3/2021 8:00	1.84	2.18	97.12	905.55
4/3/2021 9:00	1.86	2.23	97.47	898.91
4/3/2021 10:00	1.85	2.22	97.55	888.51
4/3/2021 11:00	1.82	2.17	96.45	881.1
4/3/2021 12:00	1.8	2.09	94.46	882.5
4/3/2021 13:00	1.68	2.01	94.08	883.37
4/3/2021 14:00	1.66	2.01	93.06	872.67
4/3/2021 15:00	1.65	1.93	91.1	867.78
4/3/2021 16:00	1.62	1.92	89.77	874.3
4/3/2021 17:00	1.8	1.91	88.89	878.12
4/3/2021 18:00	1.83	1.84	87.99	868.63
4/3/2021 19:00	1.81	1.96	89.19	868.78
4/3/2021 20:00	1.8	1.98	87.32	866.49
4/3/2021 21:00	1.72	1.9	85.07	863.25
4/3/2021 22:00	1.61	1.83	82.35	847.04
4/3/2021 23:00	1.48	1.74	81.36	843.61
4/4/2021 0:00	1.36	1.78	80.35	845.29
4/4/2021 1:00	1.29	1.7	79.94	843.21
4/4/2021 2:00	1.27	1.67	79.81	840.14
4/4/2021 3:00	1.26	1.7	80.41	839.37
4/4/2021 4:00	1.33	1.7	82.01	847.21
4/4/2021 5:00	1.36	1.77	83.46	867.99
4/4/2021 6:00	1.53	1.76	85.24	857.48
4/4/2021 7:00	1.72	1.73	85.41	836.57
4/4/2021 8:00	1.97	1.72	85.96	825.16
4/4/2021 9:00	1.89	1.73	85.09	813.8
4/4/2021 10:00	1.85	1.71	85.23	814.92
4/4/2021 11:00	1.85	1.75	85.46	814.99
4/4/2021 12:00	1.84	1.74	85.43	820.32
4/4/2021 13:00	1.61	1.71	85.45	836.08
4/4/2021 14:00	1.52	1.68	85.41	839.92
4/4/2021 15:00	1.5	1.63	84.55	836.89
4/4/2021 16:00	1.57	1.58	82.77	842.7
4/4/2021 17:00	1.69	1.61	82.44	842.61
4/4/2021 18:00	1.61	1.58	81.39	838.5
4/4/2021 19:00	1.68	1.7	81.38	837.17
4/4/2021 20:00	1.72	1.75	81.3	836.88
4/4/2021 21:00	1.58	1.69	80.7	841.39
4/4/2021 22:00	1.37	1.69	80.61	853.82
4/4/2021 23:00	1.18	1.64	80.17	884.23
4/5/2021 0:00	1.1	1.62	80.11	906.57
4/5/2021 1:00	1.07	1.57	80.27	912.82
4/5/2021 2:00	1	1.55	80.82	916.53
4/5/2021 3:00	1.01	1.61	82.94	936.88
4/5/2021 4:00	1.07	1.66	88.04	996.04
4/5/2021 5:00	1.23	1.83	97.76	1079.84
4/5/2021 6:00	1.32	2.09	112	1176.75
4/5/2021 7:00	1.52	2.42	122.89	1245.39
4/5/2021 8:00	1.54	2.65	129.16	1286.79
4/5/2021 9:00	1.48	2.75	131.19	1306.63
4/5/2021 10:00	1.46	2.83	132.03	1338.87
4/5/2021 11:00	1.55	2.88	132.29	1345.74
4/5/2021 12:00	1.55	2.79	129.96	1337.96

4/5/2021 13:00	1.45	2.86	130.31	1362.85
4/5/2021 14:00	1.36	2.75	128.3	1355.04
4/5/2021 15:00	1.43	2.65	122.94	1334
4/5/2021 16:00	1.52	2.42	115.04	1293.29
4/5/2021 17:00	1.79	2.11	109.65	1251.88
4/5/2021 18:00	1.76	1.96	106.38	1224.78
4/5/2021 19:00	1.79	1.95	105.91	1217.97
4/5/2021 20:00	1.82	1.92	102.1	1207.89
4/5/2021 21:00	1.61	1.95	98.68	1182.29
4/5/2021 22:00	1.42	1.85	94.45	1159.2
4/5/2021 23:00	1.23	1.8	91.31	1139.59
4/6/2021 0:00	1.09	1.79	89.65	1118.06
4/6/2021 1:00	1.04	1.75	88.16	1104.67
4/6/2021 2:00	1.03	1.65	86.97	1093.51
4/6/2021 3:00	1.05	1.57	87.94	1095.4
4/6/2021 4:00	1.13	1.62	92.79	1137.22
4/6/2021 5:00	1.24	1.81	101.15	1220.31
4/6/2021 6:00	1.38	2.03	114.79	1323.47
4/6/2021 7:00	1.5	2.44	123.74	1390.76
4/6/2021 8:00	1.46	2.65	129.79	1402.49
4/6/2021 9:00	1.44	2.75	132.43	1408.9
4/6/2021 10:00	1.37	2.86	133.5	1435.34
4/6/2021 11:00	1.37	2.85	134.5	1441.14
4/6/2021 12:00	1.39	2.85	132.32	1420.18
4/6/2021 13:00	1.28	2.93	133.54	1442.33
4/6/2021 14:00	1.16	2.82	131.43	1415.57
4/6/2021 15:00	1.24	2.65	126.12	1395.73
4/6/2021 16:00	1.33	2.48	118.71	1354.97
4/6/2021 17:00	1.53	2.16	112.35	1323.68
4/6/2021 18:00	1.7	1.97	107.74	1293.22
4/6/2021 19:00	1.75	2.25	107.2	1278.63
4/6/2021 20:00	1.6	2.2	103.4	1267.53
4/6/2021 21:00	1.43	2.14	99.06	1241.57
4/6/2021 22:00	1.25	2	93.79	1215.51
4/6/2021 23:00	1.06	1.83	90.1	1181.81
4/7/2021 0:00	1.02	1.68	88.46	1152.73
4/7/2021 1:00	0.99	1.54	87.27	1130.19
4/7/2021 2:00	0.95	1.52	86.7	1117.82
4/7/2021 3:00	0.96	1.54	87.39	1113.38
4/7/2021 4:00	1.03	1.6	92.1	1134.21
4/7/2021 5:00	1.2	1.78	101.2	1217.77
4/7/2021 6:00	1.31	2.04	114.21	1308.64
4/7/2021 7:00	1.4	2.42	124.1	1380
4/7/2021 8:00	1.4	2.66	129.2	1392.62
4/7/2021 9:00	1.3	2.64	131.22	1398.55
4/7/2021 10:00	1.26	2.77	133.14	1430.13
4/7/2021 11:00	1.29	2.76	134.76	1432.95
4/7/2021 12:00	1.29	2.72	133.3	1430.91
4/7/2021 13:00	1.22	2.9	133.87	1457.63
4/7/2021 14:00	1.16	2.72	132.13	1427.81
4/7/2021 15:00	1.16	2.55	126.9	1389.08
4/7/2021 16:00	1.34	2.36	119.96	1336.58
4/7/2021 17:00	1.43	2.18	113.96	1305.75

4/7/2021 18:00	1.54	1.96	109.94	1280.64
4/7/2021 19:00	1.65	2.25	107.13	1277.74
4/7/2021 20:00	1.59	2.22	103.31	1262.74
4/7/2021 21:00	1.5	2.15	99.86	1218.75
4/7/2021 22:00	1.22	2.05	94.87	1199.29
4/7/2021 23:00	1.05	1.97	91.33	1178.85
4/8/2021 0:00	0.95	1.77	89.35	1150.21
4/8/2021 1:00	0.91	1.64	87.77	1140.51
4/8/2021 2:00	0.87	1.52	86.99	1126.82
4/8/2021 3:00	0.89	1.51	88.07	1126.59
4/8/2021 4:00	0.94	1.57	92.45	1159.41
4/8/2021 5:00	1.06	1.69	100.77	1227.88
4/8/2021 6:00	1.2	2.04	113.17	1323.22
4/8/2021 7:00	1.29	2.39	123.55	1385.29
4/8/2021 8:00	1.3	2.58	130.08	1408.77
4/8/2021 9:00	1.28	2.62	132.41	1404.57
4/8/2021 10:00	1.16	2.78	135.36	1432.66
4/8/2021 11:00	1.18	2.86	137.27	1445.66
4/8/2021 12:00	1.2	2.82	135.82	1430.66
4/8/2021 13:00	1.17	2.89	138.07	1449.61
4/8/2021 14:00	1.13	2.75	135.8	1419.92
4/8/2021 15:00	1.12	2.65	130.12	1397.29
4/8/2021 16:00	1.21	2.45	122.88	1353.63
4/8/2021 17:00	1.32	2.11	116.28	1318.11
4/8/2021 18:00	1.46	1.95	110.27	1283.78
4/8/2021 19:00	1.49	1.92	107.48	1270.74
4/8/2021 20:00	1.59	2	103.75	1250.58
4/8/2021 21:00	1.43	2.1	99.64	1218.9
4/8/2021 22:00	1.18	1.82	94.49	1197.73
4/8/2021 23:00	1.08	1.63	90.11	1167.83
4/9/2021 0:00	0.96	1.52	88.1	1135.38
4/9/2021 1:00	0.89	1.46	87.21	1105.88
4/9/2021 2:00	0.86	1.43	85.71	1090.25
4/9/2021 3:00	0.87	1.44	86.44	1088.39
4/9/2021 4:00	0.93	1.51	90.43	1112.79
4/9/2021 5:00	1.14	1.71	99.15	1180.88
4/9/2021 6:00	1.3	2.02	110.92	1262.63
4/9/2021 7:00	1.37	2.33	119	1329.71
4/9/2021 8:00	1.38	2.56	124.51	1349.57
4/9/2021 9:00	1.22	2.6	127.33	1359.94
4/9/2021 10:00	1.23	2.76	130.07	1389.1
4/9/2021 11:00	1.28	2.74	131.23	1389.72
4/9/2021 12:00	1.14	2.63	130.44	1390.52
4/9/2021 13:00	1.12	2.66	130.83	1390.63
4/9/2021 14:00	1.09	2.62	128.36	1358.25
4/9/2021 15:00	1.16	2.51	123.54	1315.78
4/9/2021 16:00	1.23	2.41	118.41	1267.72
4/9/2021 17:00	1.37	2.25	113.42	1241.68
4/9/2021 18:00	1.42	2.04	108.24	1198.49
4/9/2021 19:00	1.37	1.99	104.52	1182.84
4/9/2021 20:00	1.37	2.07	99.86	1157.89
4/9/2021 21:00	1.35	2.19	95.06	1126.33
4/9/2021 22:00	1.14	1.92	89.76	1091.05

4/9/2021 23:00	1.03	1.67	85.77	1034.81
4/10/2021 0:00	0.95	1.56	82.74	991.63
4/10/2021 1:00	0.91	1.49	81.76	976.56
4/10/2021 2:00	0.89	1.47	80.97	963.95
4/10/2021 3:00	0.83	1.47	80.92	961.82
4/10/2021 4:00	0.86	1.5	83.03	970.71
4/10/2021 5:00	0.93	1.57	87.08	992.19
4/10/2021 6:00	1.1	1.69	90.91	995.17
4/10/2021 7:00	1.22	1.75	92.28	993.82
4/10/2021 8:00	1.35	1.87	94.38	1011.96
4/10/2021 9:00	1.42	1.91	96.15	1016.35
4/10/2021 10:00	1.42	1.99	98.85	1031.67
4/10/2021 11:00	1.42	2.1	100.39	1022.35
4/10/2021 12:00	1.34	2.11	100.63	1030.17
4/10/2021 13:00	1.35	2.09	101.98	1031
4/10/2021 14:00	1.28	2.04	102.72	1027.34
4/10/2021 15:00	1.23	2.04	102.44	1036.93
4/10/2021 16:00	1.26	2.03	100.97	1031.42
4/10/2021 17:00	1.47	2	99.18	1017.26
4/10/2021 18:00	1.48	2	96.84	999.69
4/10/2021 19:00	1.48	1.98	94.41	992.69
4/10/2021 20:00	1.48	1.94	91.38	972.11
4/10/2021 21:00	1.4	1.83	87.79	963.77
4/10/2021 22:00	1.17	1.73	84.04	951.3
4/10/2021 23:00	1.11	1.61	80.96	945.53
4/11/2021 0:00	0.95	1.55	79.64	932.07
4/11/2021 1:00	0.87	1.45	78.56	915.7
4/11/2021 2:00	0.86	1.41	78.14	903.46
4/11/2021 3:00	0.83	1.41	77.66	902.42
4/11/2021 4:00	0.82	1.45	78.34	897.14
4/11/2021 5:00	0.87	1.49	80.73	898.25
4/11/2021 6:00	0.98	1.49	82.73	903.09
4/11/2021 7:00	1.16	1.53	83.61	888.39
4/11/2021 8:00	1.34	1.55	85.27	880.67
4/11/2021 9:00	1.45	1.63	86.83	871.26
4/11/2021 10:00	1.57	1.67	88.56	879.25
4/11/2021 11:00	1.54	1.76	89.66	882.01
4/11/2021 12:00	1.63	1.79	89.34	898.12
4/11/2021 13:00	1.6	1.81	89.16	895.09
4/11/2021 14:00	1.59	1.75	88.98	887.36
4/11/2021 15:00	1.53	1.73	88.57	879.56
4/11/2021 16:00	1.59	1.69	87.8	887.86
4/11/2021 17:00	1.68	1.69	86.9	885.95
4/11/2021 18:00	1.77	1.74	85.82	874.17
4/11/2021 19:00	1.81	1.76	85.47	879.58
4/11/2021 20:00	1.66	1.74	83.49	883.75
4/11/2021 21:00	1.5	1.69	81.1	893.87
4/11/2021 22:00	1.28	1.59	80.49	899.5
4/11/2021 23:00	1.18	1.52	80.22	918.54
4/12/2021 0:00	1.03	1.52	80.3	939.59
4/12/2021 1:00	0.98	1.46	80.48	947.77
4/12/2021 2:00	0.93	1.46	79.82	947.61
4/12/2021 3:00	0.92	1.48	81.59	966.3

4/12/2021 4:00	0.98	1.51	86.17	1024.22
4/12/2021 5:00	1.11	1.72	96.43	1120.87
4/12/2021 6:00	1.27	1.95	110.34	1217.84
4/12/2021 7:00	1.39	2.29	121.34	1303.53
4/12/2021 8:00	1.32	2.57	127.57	1353.4
4/12/2021 9:00	1.43	2.61	130.11	1362.19
4/12/2021 10:00	1.38	2.78	131.52	1408.03
4/12/2021 11:00	1.41	2.8	131.6	1398.63
4/12/2021 12:00	1.49	2.69	129.87	1394.14
4/12/2021 13:00	1.47	2.76	130.49	1412.03
4/12/2021 14:00	1.41	2.62	127.7	1380.72
4/12/2021 15:00	1.45	2.52	121.54	1354.4
4/12/2021 16:00	1.52	2.29	113.83	1310.41
4/12/2021 17:00	1.69	2.1	108.72	1273.94
4/12/2021 18:00	1.84	1.91	105.23	1252.33
4/12/2021 19:00	1.86	1.9	103.96	1248.28
4/12/2021 20:00	1.88	1.89	100.78	1240.99
4/12/2021 21:00	1.58	1.77	96.99	1219.65
4/12/2021 22:00	1.39	1.66	92.79	1205.31
4/12/2021 23:00	1.22	1.61	89.83	1172.98
4/13/2021 0:00	1.14	1.59	88.51	1136.45
4/13/2021 1:00	1.07	1.52	87.02	1115.32
4/13/2021 2:00	1.07	1.5	86.13	1090.51
4/13/2021 3:00	1.08	1.51	87.51	1113.85
4/13/2021 4:00	1.1	1.55	91.54	1145.1
4/13/2021 5:00	1.21	1.68	100.2	1240.75
4/13/2021 6:00	1.39	1.94	112.92	1325.26
4/13/2021 7:00	1.42	2.36	123.18	1388.18
4/13/2021 8:00	1.36	2.6	129.08	1414.12
4/13/2021 9:00	1.42	2.81	131.31	1419.03
4/13/2021 10:00	1.4	2.87	133.49	1463.52
4/13/2021 11:00	1.37	2.85	134.22	1459.9
4/13/2021 12:00	1.32	2.69	132.75	1439.48
4/13/2021 13:00	1.29	2.78	133.77	1462.57
4/13/2021 14:00	1.12	2.71	132.42	1439.35
4/13/2021 15:00	1.19	2.63	127.1	1392.87
4/13/2021 16:00	1.34	2.42	120.25	1359.48
4/13/2021 17:00	1.44	2.13	114.46	1329.32
4/13/2021 18:00	1.56	2	109.41	1312.07
4/13/2021 19:00	1.68	1.97	106.9	1301.38
4/13/2021 20:00	1.51	1.92	103.28	1275.44
4/13/2021 21:00	1.47	1.74	99.49	1256.93
4/13/2021 22:00	1.18	1.59	94.52	1225.87
4/13/2021 23:00	1.04	1.51	90.82	1192.74
4/14/2021 0:00	0.93	1.49	89	1163.12
4/14/2021 1:00	0.89	1.45	87.26	1152.23
4/14/2021 2:00	0.86	1.42	87.06	1125.86
4/14/2021 3:00	0.92	1.44	87.88	1113.91
4/14/2021 4:00	0.95	1.49	91.47	1145.69
4/14/2021 5:00	1.06	1.67	99.9	1224.33
4/14/2021 6:00	1.24	1.89	112.56	1332.6
4/14/2021 7:00	1.35	2.33	122.89	1378
4/14/2021 8:00	1.3	2.56	128.36	1396.92

4/14/2021 9:00	1.23	2.68	131.07	1411.23
4/14/2021 10:00	1.27	3.03	132.37	1428.53
4/14/2021 11:00	1.28	2.91	133.79	1424.95
4/14/2021 12:00	1.23	2.83	132.58	1424.05
4/14/2021 13:00	1.22	2.82	134.23	1449.06
4/14/2021 14:00	1.16	2.79	133.11	1410.06
4/14/2021 15:00	1.11	2.66	128.03	1394.78
4/14/2021 16:00	1.21	2.47	120.82	1359.06
4/14/2021 17:00	1.35	2.18	114.36	1321.52
4/14/2021 18:00	1.48	2.01	109.32	1284.9
4/14/2021 19:00	1.61	2.02	105.85	1259.45
4/14/2021 20:00	1.66	2.42	102.77	1246.04
4/14/2021 21:00	1.43	2.25	99.09	1230.71
4/14/2021 22:00	1.21	2.1	94.08	1221.75
4/14/2021 23:00	1.04	1.96	90.48	1185.45
4/15/2021 0:00	0.98	1.87	88.22	1146.52
4/15/2021 1:00	0.92	1.69	87.08	1130.15
4/15/2021 2:00	0.9	1.55	86.69	1114.41
4/15/2021 3:00	0.92	1.55	87.81	1117.69
4/15/2021 4:00	0.93	1.6	91.61	1150.97
4/15/2021 5:00	1.04	1.75	100.19	1225.32
4/15/2021 6:00	1.19	1.98	113.71	1320.48
4/15/2021 7:00	1.31	2.34	123.63	1388.98
4/15/2021 8:00	1.33	2.53	130.18	1411.6
4/15/2021 9:00	1.28	2.62	131.55	1408.26
4/15/2021 10:00	1.31	2.74	133.55	1418.92
4/15/2021 11:00	1.36	2.76	134.5	1403.17
4/15/2021 12:00	1.39	2.75	132.34	1375.05
4/15/2021 13:00	1.34	2.77	132.5	1391.38
4/15/2021 14:00	1.32	2.8	129.04	1354.16
4/15/2021 15:00	1.35	2.58	123.54	1335.37
4/15/2021 16:00	1.46	2.4	116.45	1297.08
4/15/2021 17:00	1.71	2.17	110.68	1253.87
4/15/2021 18:00	1.79	2	107.56	1224.09
4/15/2021 19:00	1.7	1.99	105.91	1225.38
4/15/2021 20:00	1.74	1.93	102.41	1198.95
4/15/2021 21:00	1.55	1.82	98.09	1183.35
4/15/2021 22:00	1.31	1.68	93.65	1163.04
4/15/2021 23:00	1.19	1.61	90.94	1141.1
4/16/2021 0:00	1.1	1.56	89.57	1114.25
4/16/2021 1:00	1.04	1.49	88.08	1085.51
4/16/2021 2:00	0.98	1.48	86.95	1079.46
4/16/2021 3:00	1.02	1.51	87.56	1073.77
4/16/2021 4:00	1.06	1.56	91.54	1101.5
4/16/2021 5:00	1.19	1.69	99.93	1170.26
4/16/2021 6:00	1.35	1.92	112.11	1252.31
4/16/2021 7:00	1.52	2.35	120.65	1298.21
4/16/2021 8:00	1.63	2.72	126.75	1328.04
4/16/2021 9:00	1.66	2.82	128.45	1338.09
4/16/2021 10:00	1.75	2.94	129.69	1332.11
4/16/2021 11:00	1.79	2.91	129.93	1314.64
4/16/2021 12:00	1.74	2.76	126.84	1280.59
4/16/2021 13:00	1.73	2.76	126.32	1271.63

4/16/2021 14:00	1.76	2.65	123.26	1260.31
4/16/2021 15:00	1.72	2.56	117.21	1211.23
4/16/2021 16:00	1.73	2.41	112.09	1182.11
4/16/2021 17:00	1.85	2.22	107.89	1159.87
4/16/2021 18:00	1.82	2.05	104.56	1140.59
4/16/2021 19:00	1.81	2.07	103.03	1140.59
4/16/2021 20:00	1.71	2.05	100.2	1120.75
4/16/2021 21:00	1.65	1.94	95.88	1095.98
4/16/2021 22:00	1.51	1.81	91.11	1062.59
4/16/2021 23:00	1.37	1.76	87.67	1010.21
4/17/2021 0:00	1.23	1.7	84.82	975.73
4/17/2021 1:00	1.15	1.65	84.06	963.3
4/17/2021 2:00	1.16	1.6	83.32	951.02
4/17/2021 3:00	1.14	1.6	83.05	943.33
4/17/2021 4:00	1.12	1.63	84.59	953.55
4/17/2021 5:00	1.2	1.69	88.38	970.18
4/17/2021 6:00	1.37	1.69	92.82	983.09
4/17/2021 7:00	1.57	1.84	93.96	972.13
4/17/2021 8:00	1.66	2.02	96.05	962.34
4/17/2021 9:00	1.66	2.11	97.23	961.7
4/17/2021 10:00	1.79	2.13	96.9	951.96
4/17/2021 11:00	1.79	2.18	95.77	941.23
4/17/2021 12:00	1.79	2.12	93.7	939.37
4/17/2021 13:00	1.74	2.04	92.42	935.78
4/17/2021 14:00	1.6	1.95	91.47	935.91
4/17/2021 15:00	1.61	1.94	91.27	932.34
4/17/2021 16:00	1.71	1.97	90.42	928.11
4/17/2021 17:00	1.98	1.93	89.51	910.39
4/17/2021 18:00	1.79	1.86	88.07	896.15
4/17/2021 19:00	1.82	1.95	88.34	888.92
4/17/2021 20:00	1.76	1.93	87.49	887.49
4/17/2021 21:00	1.57	1.82	84.66	888.83
4/17/2021 22:00	1.47	1.76	81.88	879.71
4/17/2021 23:00	1.29	1.68	79.61	865.42
4/18/2021 0:00	1.15	1.62	78.54	857.44
4/18/2021 1:00	1.09	1.59	78.27	860.3
4/18/2021 2:00	1.1	1.53	78.02	854.33
4/18/2021 3:00	1.05	1.52	78.35	859.11
4/18/2021 4:00	1.12	1.53	79.17	866.38
4/18/2021 5:00	1.14	1.58	81.27	883.85
4/18/2021 6:00	1.3	1.53	83.47	880.49
4/18/2021 7:00	1.36	1.6	84.37	855.7
4/18/2021 8:00	1.57	1.65	85.52	847.17
4/18/2021 9:00	1.62	1.69	86.79	853.84
4/18/2021 10:00	1.65	1.71	87.53	858.82
4/18/2021 11:00	1.65	1.77	88.56	872.4
4/18/2021 12:00	1.66	1.79	88.67	879.44
4/18/2021 13:00	1.56	1.75	89.3	875.77
4/18/2021 14:00	1.44	1.74	89.38	866.65
4/18/2021 15:00	1.51	1.7	88.92	863.6
4/18/2021 16:00	1.55	1.69	88.35	873.14
4/18/2021 17:00	1.67	1.7	87.38	877.78
4/18/2021 18:00	1.74	1.7	86.61	872.01

4/18/2021 19:00	1.71	1.73	86.19	875.56
4/18/2021 20:00	1.69	1.77	83.55	878.44
4/18/2021 21:00	1.5	1.7	81.39	874.36
4/18/2021 22:00	1.36	1.62	80.65	885.69
4/18/2021 23:00	1.16	1.59	80.35	908.45
4/19/2021 0:00	1.03	1.57	80.75	922.25
4/19/2021 1:00	1.01	1.53	81.08	924.49
4/19/2021 2:00	1.01	1.53	80.5	927.37
4/19/2021 3:00	1.03	1.52	81.97	949.99
4/19/2021 4:00	1.07	1.58	87.41	1004
4/19/2021 5:00	1.24	1.69	96.84	1097.53
4/19/2021 6:00	1.41	1.96	110.87	1184.85
4/19/2021 7:00	1.46	2.31	121.47	1265.51
4/19/2021 8:00	1.32	2.47	127.13	1298.82
4/19/2021 9:00	1.29	2.54	129.64	1322.97
4/19/2021 10:00	1.31	2.71	132.19	1369.65
4/19/2021 11:00	1.33	2.76	134.46	1389.11
4/19/2021 12:00	1.34	2.69	133.47	1389.04
4/19/2021 13:00	1.26	2.78	134.32	1414.25
4/19/2021 14:00	1.24	2.79	131.33	1397.12
4/19/2021 15:00	1.35	2.64	125.73	1362.04
4/19/2021 16:00	1.52	2.43	117.74	1295.02
4/19/2021 17:00	1.65	2.17	111.68	1270.78
4/19/2021 18:00	1.67	1.97	107.77	1236.48
4/19/2021 19:00	1.69	1.95	105.61	1237.21
4/19/2021 20:00	1.58	1.89	102.95	1212.6
4/19/2021 21:00	1.48	1.73	97.92	1192.34
4/19/2021 22:00	1.31	1.63	93.6	1168.45
4/19/2021 23:00	1.15	1.65	90.56	1150.77
4/20/2021 0:00	0.98	1.63	88.71	1110.58
4/20/2021 1:00	0.94	1.55	87.32	1081
4/20/2021 2:00	0.96	1.52	86.11	1062.64
4/20/2021 3:00	0.95	1.53	87.38	1065.04
4/20/2021 4:00	1.01	1.58	91.62	1096.95
4/20/2021 5:00	1.15	1.73	100.21	1169.17
4/20/2021 6:00	1.35	2	113.22	1264.52
4/20/2021 7:00	1.43	2.37	123.89	1340.33
4/20/2021 8:00	1.38	2.58	129.39	1372.15
4/20/2021 9:00	1.3	2.77	132.57	1376.71
4/20/2021 10:00	1.25	2.89	136.69	1414.42
4/20/2021 11:00	1.34	2.87	138.59	1419.85
4/20/2021 12:00	1.35	2.81	137.31	1400.85
4/20/2021 13:00	1.22	2.89	139.13	1444.21
4/20/2021 14:00	1.16	2.8	136.57	1413.87
4/20/2021 15:00	1.24	2.71	129.75	1367.75
4/20/2021 16:00	1.32	2.51	121.64	1331.48
4/20/2021 17:00	1.46	2.19	115.06	1295.97
4/20/2021 18:00	1.53	2.01	109.88	1257.76
4/20/2021 19:00	1.5	1.95	107.6	1240.68
4/20/2021 20:00	1.53	1.99	104.36	1226.1
4/20/2021 21:00	1.41	2.22	99.11	1195.04
4/20/2021 22:00	1.23	2.09	94.24	1172.05
4/20/2021 23:00	1.06	2	90.44	1132.55

4/21/2021 0:00	0.95	1.93	88.6	1115.1
4/21/2021 1:00	0.9	1.85	87.63	1095.15
4/21/2021 2:00	0.9	1.69	86.81	1074.39
4/21/2021 3:00	0.9	1.62	87.58	1080.85
4/21/2021 4:00	0.95	1.61	91.18	1111.15
4/21/2021 5:00	1.11	1.72	99.53	1191.18
4/21/2021 6:00	1.26	1.96	112.48	1281.88
4/21/2021 7:00	1.33	2.39	123.44	1360.72
4/21/2021 8:00	1.35	2.7	129.72	1390.25
4/21/2021 9:00	1.26	2.63	132.44	1390.3
4/21/2021 10:00	1.2	2.82	135.75	1420.16
4/21/2021 11:00	1.27	2.86	139.14	1439.77
4/21/2021 12:00	1.33	2.78	137.86	1425.99
4/21/2021 13:00	1.28	2.77	136.49	1431.57
4/21/2021 14:00	1.31	2.78	131.75	1364.44
4/21/2021 15:00	1.37	2.68	126.49	1343.52
4/21/2021 16:00	1.48	2.48	120.24	1303.26
4/21/2021 17:00	1.81	2.21	113.75	1237.58
4/21/2021 18:00	1.68	1.93	107.75	1215.49
4/21/2021 19:00	1.6	1.94	106.14	1195.07
4/21/2021 20:00	1.59	1.9	103.38	1185.95
4/21/2021 21:00	1.51	1.81	100.36	1157.75
4/21/2021 22:00	1.36	1.71	95.4	1142.17
4/21/2021 23:00	1.2	1.66	92	1110.66
4/22/2021 0:00	1.12	1.64	90.66	1098.7
4/22/2021 1:00	1.18	1.59	88.76	1082.47
4/22/2021 2:00	1.1	1.59	88.04	1055.38
4/22/2021 3:00	1.16	1.6	90.07	1066.93
4/22/2021 4:00	1.22	1.69	93.5	1105.52
4/22/2021 5:00	1.34	1.86	102.05	1186.46
4/22/2021 6:00	1.53	2.06	114.67	1274.04
4/22/2021 7:00	1.63	2.42	125.9	1337.02
4/22/2021 8:00	1.62	2.68	131.59	1356.84
4/22/2021 9:00	1.61	2.78	132.93	1343.07
4/22/2021 10:00	1.61	2.94	134.16	1352.13
4/22/2021 11:00	1.63	3.04	133.93	1355.96
4/22/2021 12:00	1.57	2.91	131.85	1340.54
4/22/2021 13:00	1.52	2.9	131.25	1359.88
4/22/2021 14:00	1.52	2.81	129.77	1340.11
4/22/2021 15:00	1.54	2.63	123.84	1301.2
4/22/2021 16:00	1.64	2.4	115.01	1245.29
4/22/2021 17:00	1.73	2.2	109.36	1203.07
4/22/2021 18:00	1.83	2.07	106.37	1191.06
4/22/2021 19:00	1.96	2.01	105.54	1190.28
4/22/2021 20:00	1.94	2.03	102.96	1195.72
4/22/2021 21:00	1.76	1.89	98.46	1166.27
4/22/2021 22:00	1.62	1.77	94.47	1151.67
4/22/2021 23:00	1.41	1.7	91.3	1127.14
4/23/2021 0:00	1.32	1.68	89.48	1107.14
4/23/2021 1:00	1.22	1.63	88.22	1089.46
4/23/2021 2:00	1.18	1.62	87.42	1073.84
4/23/2021 3:00	1.21	1.64	88.48	1077.2
4/23/2021 4:00	1.25	1.68	92.33	1115.45

4/23/2021 5:00	1.37	1.84	100.9	1184.87
4/23/2021 6:00	1.51	2.06	112.46	1267.9
4/23/2021 7:00	1.59	2.46	122.23	1306.2
4/23/2021 8:00	1.48	2.62	126.27	1322.92
4/23/2021 9:00	1.52	2.69	127.63	1321.04
4/23/2021 10:00	1.48	2.81	129.06	1340.87
4/23/2021 11:00	1.39	2.83	129	1333.67
4/23/2021 12:00	1.41	2.72	126.48	1321.42
4/23/2021 13:00	1.35	2.67	125.95	1323.62
4/23/2021 14:00	1.33	2.63	122.63	1279.67
4/23/2021 15:00	1.3	2.51	116.39	1224.27
4/23/2021 16:00	1.33	2.34	109.94	1197.65
4/23/2021 17:00	1.36	2.08	106.25	1184.15
4/23/2021 18:00	1.38	1.98	103.34	1162.76
4/23/2021 19:00	1.49	1.9	101.39	1143.23
4/23/2021 20:00	1.51	1.88	98.82	1120.9
4/23/2021 21:00	1.46	1.78	93.83	1099.04
4/23/2021 22:00	1.35	1.73	89.1	1057.91
4/23/2021 23:00	1.14	1.61	85.19	1008.65
4/24/2021 0:00	1.11	1.59	82.54	973.56
4/24/2021 1:00	1.01	1.53	81.26	957.02
4/24/2021 2:00	0.99	1.51	80.66	947.63
4/24/2021 3:00	0.99	1.51	80.8	943.82
4/24/2021 4:00	1.03	1.54	82.1	951.27
4/24/2021 5:00	1.11	1.57	86.04	970.42
4/24/2021 6:00	1.26	1.6	90.48	981.03
4/24/2021 7:00	1.37	1.74	91.72	973.93
4/24/2021 8:00	1.34	1.82	93.15	986.77
4/24/2021 9:00	1.36	1.96	95.82	1008.43
4/24/2021 10:00	1.44	1.97	97.93	1017.59
4/24/2021 11:00	1.38	2.05	98.24	1007.46
4/24/2021 12:00	1.33	2.04	97.9	1005.03
4/24/2021 13:00	1.31	2.01	97.81	1006.57
4/24/2021 14:00	1.27	1.98	97.31	998.77
4/24/2021 15:00	1.23	1.97	95.82	996.53
4/24/2021 16:00	1.23	1.99	94.57	988.46
4/24/2021 17:00	1.38	1.95	93.69	982.17
4/24/2021 18:00	1.48	1.86	91.88	954.72
4/24/2021 19:00	1.44	1.88	89.46	936.97
4/24/2021 20:00	1.39	1.97	86.82	922.79
4/24/2021 21:00	1.3	2.23	83.84	906.16
4/24/2021 22:00	1.19	2.12	79.92	894.77
4/24/2021 23:00	1.09	2	77.7	885.75
4/25/2021 0:00	0.95	1.92	76.61	879.95
4/25/2021 1:00	0.87	1.82	76.2	875.9
4/25/2021 2:00	0.86	1.65	75.54	873.02
4/25/2021 3:00	0.84	1.52	75.96	873.3
4/25/2021 4:00	0.83	1.53	76.73	873.47
4/25/2021 5:00	0.9	1.56	78.86	887.9
4/25/2021 6:00	1.01	1.48	80.82	887.55
4/25/2021 7:00	1.17	1.55	82.32	885.53
4/25/2021 8:00	1.36	1.58	84.36	873.16
4/25/2021 9:00	1.52	1.67	85.99	858.84

4/25/2021 10:00	1.55	1.72	87.73	868.23
4/25/2021 11:00	1.59	1.78	88.68	879.6
4/25/2021 12:00	1.72	1.83	88.8	880.28
4/25/2021 13:00	1.67	1.82	89.16	872.65
4/25/2021 14:00	1.71	1.76	88.36	872.09
4/25/2021 15:00	1.62	1.7	88.11	875.77
4/25/2021 16:00	1.59	1.7	87.45	874.09
4/25/2021 17:00	1.75	1.73	86.63	876.95
4/25/2021 18:00	1.79	1.71	85.23	869.4
4/25/2021 19:00	1.7	1.74	84.68	869.41
4/25/2021 20:00	1.6	1.73	82.79	874.65
4/25/2021 21:00	1.47	1.67	81.12	872.96
4/25/2021 22:00	1.28	1.64	80.08	884.68
4/25/2021 23:00	1.09	1.58	79.46	901.66
4/26/2021 0:00	1	1.55	79.77	928.86
4/26/2021 1:00	1	1.52	79.22	946.24
4/26/2021 2:00	0.96	1.5	79.02	951.13
4/26/2021 3:00	0.94	1.49	81.19	976.92
4/26/2021 4:00	1.02	1.56	86.05	1022.91
4/26/2021 5:00	1.16	1.71	96.07	1116.21
4/26/2021 6:00	1.28	1.92	108.32	1211.56
4/26/2021 7:00	1.41	2.41	118.67	1278.28
4/26/2021 8:00	1.4	2.83	123.73	1313.17
4/26/2021 9:00	1.33	2.83	125.32	1325.96
4/26/2021 10:00	1.46	2.84	126.74	1331.45
4/26/2021 11:00	1.53	2.77	126.6	1330.09
4/26/2021 12:00	1.46	2.73	125.09	1325.36
4/26/2021 13:00	1.46	2.79	125.83	1336.55
4/26/2021 14:00	1.38	2.69	124.4	1325.78
4/26/2021 15:00	1.34	2.48	119.57	1300.7
4/26/2021 16:00	1.45	2.25	111.71	1258.58
4/26/2021 17:00	1.62	2.04	106.44	1240.98
4/26/2021 18:00	1.71	1.91	103.29	1231.76
4/26/2021 19:00	1.63	1.87	101.2	1217.69
4/26/2021 20:00	1.65	1.98	100.44	1218.4
4/26/2021 21:00	1.56	2.24	97.44	1196.43
4/26/2021 22:00	1.48	2.12	93.19	1173.67
4/26/2021 23:00	1.27	2	90	1157.47
4/27/2021 0:00	1.12	1.86	88.18	1130.08
4/27/2021 1:00	1.07	1.66	86.63	1107.02
4/27/2021 2:00	1.08	1.62	86.15	1091.69
4/27/2021 3:00	1.07	1.62	87.4	1099.59
4/27/2021 4:00	1.09	1.67	91.46	1134.23
4/27/2021 5:00	1.29	1.82	99.48	1212.99
4/27/2021 6:00	1.34	2.07	112.1	1314.86
4/27/2021 7:00	1.47	2.58	121.74	1373.41
4/27/2021 8:00	1.48	2.79	125.31	1404.71
4/27/2021 9:00	1.41	2.87	126.92	1389.93
4/27/2021 10:00	1.46	2.92	128.36	1412.02
4/27/2021 11:00	1.39	2.89	127.91	1429.75
4/27/2021 12:00	1.35	2.81	127.96	1434.33
4/27/2021 13:00	1.28	2.76	130	1450.11
4/27/2021 14:00	1.24	2.76	128.3	1425.52

4/27/2021 15:00	1.27	2.58	123.84	1395.88
4/27/2021 16:00	1.28	2.44	117.81	1350.06
4/27/2021 17:00	1.45	2.15	112.55	1331.77
4/27/2021 18:00	1.54	1.97	108.45	1296.46
4/27/2021 19:00	1.47	1.9	105	1282.37
4/27/2021 20:00	1.48	1.89	101.92	1269.51
4/27/2021 21:00	1.36	1.81	98.11	1233.89
4/27/2021 22:00	1.24	1.57	93.31	1220.55
4/27/2021 23:00	1.06	1.5	89.81	1189.39
4/28/2021 0:00	0.91	1.48	87.9	1160.55
4/28/2021 1:00	0.89	1.46	85.87	1140.99
4/28/2021 2:00	0.88	1.41	85.38	1120.95
4/28/2021 3:00	0.83	1.44	86.81	1111.74
4/28/2021 4:00	0.9	1.5	90.77	1144.97
4/28/2021 5:00	1.07	1.59	98.88	1216.66
4/28/2021 6:00	1.19	1.84	110.95	1313.67
4/28/2021 7:00	1.24	2.34	121.44	1378.73
4/28/2021 8:00	1.31	2.59	126.71	1400.43
4/28/2021 9:00	1.31	2.61	128.77	1410.87
4/28/2021 10:00	1.35	2.78	129.71	1430.96
4/28/2021 11:00	1.33	2.85	130.06	1429.87
4/28/2021 12:00	1.29	2.76	128.56	1423.19
4/28/2021 13:00	1.26	2.78	130.63	1449.86
4/28/2021 14:00	1.2	2.75	129.99	1428.47
4/28/2021 15:00	1.34	2.55	125.7	1421.94
4/28/2021 16:00	1.35	2.4	118.76	1363.98
4/28/2021 17:00	1.65	2.17	112.04	1328.65
4/28/2021 18:00	1.62	1.97	107.95	1300.3
4/28/2021 19:00	1.57	1.97	105.92	1288.16
4/28/2021 20:00	1.49	1.97	102.66	1269.78
4/28/2021 21:00	1.31	1.8	98.6	1258.08
4/28/2021 22:00	1.22	1.63	93.8	1229.92
4/28/2021 23:00	1.04	1.56	90.62	1198.18
4/29/2021 0:00	0.99	1.51	88.27	1172.37
4/29/2021 1:00	0.93	1.48	86.64	1138.39
4/29/2021 2:00	0.89	1.44	85.94	1125.02
4/29/2021 3:00	0.86	1.46	87.1	1122.11
4/29/2021 4:00	0.88	1.51	90.75	1138.96
4/29/2021 5:00	1.01	1.62	99.82	1211.2
4/29/2021 6:00	1.1	1.91	111.37	1300.32
4/29/2021 7:00	1.24	2.35	120.09	1352.43
4/29/2021 8:00	1.24	2.59	124.68	1389.3
4/29/2021 9:00	1.36	2.66	126.5	1387.27
4/29/2021 10:00	1.36	2.8	128.24	1414.44
4/29/2021 11:00	1.48	2.87	128.93	1425.16
4/29/2021 12:00	1.46	2.82	127.19	1394.7
4/29/2021 13:00	1.47	2.87	128.39	1394.63
4/29/2021 14:00	1.47	2.79	127.47	1373.97
4/29/2021 15:00	1.47	2.6	122.76	1335.52
4/29/2021 16:00	1.55	2.41	115.31	1289.64
4/29/2021 17:00	1.76	2.14	110.07	1268.58
4/29/2021 18:00	1.74	2	106.91	1228.39
4/29/2021 19:00	1.63	1.96	104.62	1225.42

4/29/2021 20:00	1.56	1.93	101.62	1216.3
4/29/2021 21:00	1.42	1.75	97.75	1196.39
4/29/2021 22:00	1.29	1.67	93.74	1188.37
4/29/2021 23:00	1.06	1.6	90.15	1156.03
4/30/2021 0:00	1	1.56	88.38	1135.1
4/30/2021 1:00	0.96	1.49	86.86	1109.49
4/30/2021 2:00	0.91	1.46	86.15	1093.48
4/30/2021 3:00	0.91	1.5	86.84	1096.07
4/30/2021 4:00	0.93	1.56	89.73	1111.32
4/30/2021 5:00	1.08	1.71	97.62	1175.77
4/30/2021 6:00	1.21	1.97	108.94	1233.83
4/30/2021 7:00	1.22	2.42	117.36	1284.44
4/30/2021 8:00	1.31	2.58	121.5	1297.45
4/30/2021 9:00	1.37	2.61	124.41	1313.37
4/30/2021 10:00	1.41	2.77	125.38	1318.07
4/30/2021 11:00	1.4	2.76	125.01	1318.75
4/30/2021 12:00	1.36	2.63	122.27	1304.26
4/30/2021 13:00	1.37	2.67	122.9	1302.45
4/30/2021 14:00	1.39	2.61	120.84	1259.13
4/30/2021 15:00	1.35	2.42	115.21	1232.54
4/30/2021 16:00	1.42	2.32	110.05	1200.82
4/30/2021 17:00	1.47	2.11	105.91	1166.33
4/30/2021 18:00	1.58	1.98	101.55	1140.62
4/30/2021 19:00	1.57	1.95	100.1	1127.27
4/30/2021 20:00	1.62	1.94	97.45	1118.17
4/30/2021 21:00	1.48	1.75	93.42	1078.45
4/30/2021 22:00	1.27	1.66	88.24	1041.41
4/30/2021 23:00	1.13	1.6	84	998.03
5/1/2021 0:00	1.05	1.56	81.88	975.48
5/1/2021 1:00	1.03	1.53	80.61	962.84
5/1/2021 2:00	0.99	1.54	80.07	943.64
5/1/2021 3:00	1	1.53	80.1	933.43
5/1/2021 4:00	1.02	1.53	81.44	927.21
5/1/2021 5:00	1.05	1.58	85.68	935.83
5/1/2021 6:00	1.16	1.59	90.15	938.11
5/1/2021 7:00	1.3	1.74	92.34	935.46
5/1/2021 8:00	1.51	1.88	92.55	925.89
5/1/2021 9:00	1.47	1.94	93.16	921.64
5/1/2021 10:00	1.55	2.02	93.16	920.14
5/1/2021 11:00	1.54	2.06	93.23	914.51
5/1/2021 12:00	1.61	2.02	92.44	922.48
5/1/2021 13:00	1.47	1.95	91.81	928.7
5/1/2021 14:00	1.39	1.93	91.23	921.39
5/1/2021 15:00	1.35	1.93	89.82	918.3
5/1/2021 16:00	1.36	1.89	89.43	926.42
5/1/2021 17:00	1.48	1.83	88.37	911.71
5/1/2021 18:00	1.45	1.81	86.81	890.79
5/1/2021 19:00	1.49	1.87	86.16	881.43
5/1/2021 20:00	1.51	1.99	85.05	882.42
5/1/2021 21:00	1.47	1.89	82.13	880.11
5/1/2021 22:00	1.31	1.75	79.69	866.21
5/1/2021 23:00	1.18	1.56	77.68	856.61
5/2/2021 0:00	1.09	1.53	76.32	856.7

5/2/2021 1:00	0.99	1.49	75.75	851.33
5/2/2021 2:00	0.95	1.47	74.9	852.68
5/2/2021 3:00	0.94	1.46	75.37	858.61
5/2/2021 4:00	0.94	1.47	77	860.7
5/2/2021 5:00	0.97	1.47	78.48	875.03
5/2/2021 6:00	1.14	1.47	79.89	875.76
5/2/2021 7:00	1.3	1.54	81.93	875.45
5/2/2021 8:00	1.39	1.56	84.01	889.51
5/2/2021 9:00	1.48	1.62	86.78	901.76
5/2/2021 10:00	1.47	1.72	88.6	923.55
5/2/2021 11:00	1.48	1.81	90.68	933.47
5/2/2021 12:00	1.51	1.86	92.17	941.81
5/2/2021 13:00	1.45	1.82	92.99	944.15
5/2/2021 14:00	1.38	1.83	92.63	944.1
5/2/2021 15:00	1.41	1.77	91.07	929.87
5/2/2021 16:00	1.45	1.76	91.17	931.49
5/2/2021 17:00	1.61	1.74	90.33	939.38
5/2/2021 18:00	1.6	1.78	88.79	925.14
5/2/2021 19:00	1.57	1.74	87.22	914.66
5/2/2021 20:00	1.73	1.69	84.59	915.5
5/2/2021 21:00	1.5	1.63	81.97	913.46
5/2/2021 22:00	1.33	1.6	80.67	917.5
5/2/2021 23:00	1.1	1.56	80.24	946.27
5/3/2021 0:00	0.93	1.52	79.87	965.42
5/3/2021 1:00	0.85	1.47	79.65	983.69
5/3/2021 2:00	0.84	1.44	79.35	992.15
5/3/2021 3:00	0.85	1.47	81.18	1008.01
5/3/2021 4:00	0.87	1.51	85.75	1059.67
5/3/2021 5:00	0.98	1.64	96	1153.56
5/3/2021 6:00	1.18	1.86	109.43	1265.99
5/3/2021 7:00	1.32	2.35	122.73	1350.75
5/3/2021 8:00	1.24	2.55	129.98	1374.63
5/3/2021 9:00	1.22	2.57	131.6	1391.23
5/3/2021 10:00	1.24	2.7	134.26	1435.2
5/3/2021 11:00	1.25	2.81	136.31	1437.27
5/3/2021 12:00	1.32	2.84	135.14	1424.99
5/3/2021 13:00	1.37	2.97	136.49	1445.95
5/3/2021 14:00	1.22	2.88	134.6	1407.81
5/3/2021 15:00	1.27	2.65	128.2	1385.49
5/3/2021 16:00	1.4	2.37	118.99	1322.4
5/3/2021 17:00	1.59	2.14	111.96	1269.7
5/3/2021 18:00	1.54	1.94	106.88	1246.68
5/3/2021 19:00	1.64	1.93	104.76	1236.09
5/3/2021 20:00	1.71	2.03	102.01	1229.16
5/3/2021 21:00	1.36	1.77	97.59	1207.39
5/3/2021 22:00	1.25	1.63	93.26	1182.88
5/3/2021 23:00	1.05	1.56	89.45	1158.43
5/4/2021 0:00	0.92	1.53	87.31	1131.72
5/4/2021 1:00	0.87	1.5	85.98	1103.84
5/4/2021 2:00	0.85	1.47	85.55	1097.92
5/4/2021 3:00	0.87	1.5	86.65	1104.84
5/4/2021 4:00	0.92	1.56	90.42	1123.12
5/4/2021 5:00	1.05	1.64	99.22	1159.7

5/4/2021 6:00	1.17	1.92	112.9	1274.25
5/4/2021 7:00	1.34	2.52	124.64	1357.12
5/4/2021 8:00	1.31	2.62	131.02	1395.72
5/4/2021 9:00	1.34	2.6	133.22	1406.64
5/4/2021 10:00	1.37	2.68	134.09	1396.89
5/4/2021 11:00	1.48	2.73	135.32	1404.21
5/4/2021 12:00	1.34	2.7	133.04	1389.46
5/4/2021 13:00	1.27	2.71	133.97	1419.83
5/4/2021 14:00	1.29	2.65	131.31	1395.55
5/4/2021 15:00	1.29	2.5	125.74	1366.43
5/4/2021 16:00	1.31	2.33	117.33	1309.35
5/4/2021 17:00	1.47	2.12	111.24	1279.2
5/4/2021 18:00	1.6	1.99	107.58	1253.2
5/4/2021 19:00	1.63	1.98	105.76	1239.75
5/4/2021 20:00	1.56	2.03	102.67	1224.2
5/4/2021 21:00	1.42	1.86	98.91	1205.79
5/4/2021 22:00	1.22	1.58	93.94	1184.41
5/4/2021 23:00	1.07	1.51	90.26	1171.2
5/5/2021 0:00	0.95	1.49	87.54	1140.1
5/5/2021 1:00	0.92	1.45	86.49	1108.7
5/5/2021 2:00	0.88	1.43	85.84	1090.05
5/5/2021 3:00	0.88	1.47	87.56	1091.41
5/5/2021 4:00	0.93	1.53	91.65	1139.16
5/5/2021 5:00	1.07	1.66	101.12	1219.03
5/5/2021 6:00	1.22	1.91	114.69	1308.29
5/5/2021 7:00	1.35	2.33	125.79	1378.33
5/5/2021 8:00	1.42	2.67	132.42	1397.67
5/5/2021 9:00	1.42	2.64	134.49	1403.65
5/5/2021 10:00	1.36	2.79	135.02	1412.7
5/5/2021 11:00	1.45	2.87	135.72	1408.4
5/5/2021 12:00	1.5	2.72	133.58	1390.14
5/5/2021 13:00	1.38	2.78	133.62	1400.31
5/5/2021 14:00	1.38	2.73	131.33	1372.67
5/5/2021 15:00	1.43	2.58	124.59	1340.8
5/5/2021 16:00	1.5	2.43	117.1	1288.03
5/5/2021 17:00	1.73	2.15	111.25	1250.73
5/5/2021 18:00	1.7	2.02	107.85	1224.94
5/5/2021 19:00	1.61	1.96	105.49	1222.24
5/5/2021 20:00	1.58	1.93	102.17	1227.79
5/5/2021 21:00	1.52	1.8	98.13	1200.42
5/5/2021 22:00	1.28	1.66	94.01	1193.04
5/5/2021 23:00	1.1	1.6	90.58	1164.64
5/6/2021 0:00	1.04	1.58	88.25	1130.25
5/6/2021 1:00	0.98	1.52	87.24	1115.65
5/6/2021 2:00	0.96	1.48	86.63	1101.88
5/6/2021 3:00	0.92	1.5	87.75	1102.33
5/6/2021 4:00	0.94	1.57	92.16	1132.87
5/6/2021 5:00	1.11	1.71	99.99	1209.29
5/6/2021 6:00	1.24	1.96	113.33	1318.16
5/6/2021 7:00	1.33	2.35	124.46	1391.75
5/6/2021 8:00	1.33	2.58	131.06	1396.46
5/6/2021 9:00	1.31	2.78	132.45	1375.05
5/6/2021 10:00	1.31	2.78	133.85	1405.56

5/6/2021 11:00	1.18	2.98	134.76	1412.71
5/6/2021 12:00	1.18	2.81	133.36	1416.71
5/6/2021 13:00	1.22	2.73	134.25	1435
5/6/2021 14:00	1.21	2.7	131.55	1396.2
5/6/2021 15:00	1.14	2.58	126.04	1372.33
5/6/2021 16:00	1.2	2.42	118.88	1325.2
5/6/2021 17:00	1.46	2.21	112.66	1299.33
5/6/2021 18:00	1.48	2.05	107.85	1269.5
5/6/2021 19:00	1.42	1.92	104.61	1253.45
5/6/2021 20:00	1.63	1.88	102.04	1232.21
5/6/2021 21:00	1.41	1.76	97.56	1192.93
5/6/2021 22:00	1.21	1.65	92.46	1167.22
5/6/2021 23:00	1.04	1.61	89.19	1144.66
5/7/2021 0:00	0.94	1.56	86.93	1116.81
5/7/2021 1:00	0.9	1.5	86.13	1092.03
5/7/2021 2:00	0.87	1.49	84.95	1078.4
5/7/2021 3:00	0.89	1.51	86.08	1070
5/7/2021 4:00	0.91	1.57	89.5	1089.05
5/7/2021 5:00	1.09	1.64	97.53	1174.41
5/7/2021 6:00	1.27	1.87	109.69	1270.38
5/7/2021 7:00	1.3	2.31	120.2	1325.27
5/7/2021 8:00	1.36	2.49	125.71	1351.76
5/7/2021 9:00	1.3	2.57	127.76	1352.32
5/7/2021 10:00	1.22	2.71	129.96	1364.4
5/7/2021 11:00	1.29	2.77	130.41	1383.07
5/7/2021 12:00	1.28	2.71	128.85	1363.52
5/7/2021 13:00	1.22	2.72	127.77	1348.39
5/7/2021 14:00	1.18	2.6	124.13	1297.12
5/7/2021 15:00	1.2	2.45	117.76	1247.33
5/7/2021 16:00	1.23	2.31	112	1218.53
5/7/2021 17:00	1.31	2.1	107.18	1207.41
5/7/2021 18:00	1.42	1.97	103.23	1174.21
5/7/2021 19:00	1.47	1.9	100.51	1149.27
5/7/2021 20:00	1.5	2.02	98.6	1122.6
5/7/2021 21:00	1.44	1.95	93.37	1080.9
5/7/2021 22:00	1.3	1.67	88.04	1041.46
5/7/2021 23:00	1.06	1.55	84.01	990.23
5/8/2021 0:00	0.95	1.51	81.73	963.18
5/8/2021 1:00	0.9	1.5	80.42	945.73
5/8/2021 2:00	0.91	1.46	79.12	934.81
5/8/2021 3:00	0.89	1.46	79.19	943.08
5/8/2021 4:00	0.93	1.52	80.92	951.23
5/8/2021 5:00	0.99	1.51	85.05	959
5/8/2021 6:00	1.17	1.55	89.19	963.46
5/8/2021 7:00	1.36	1.75	90.81	961.92
5/8/2021 8:00	1.36	1.89	92.78	961.5
5/8/2021 9:00	1.47	2	94.25	972.16
5/8/2021 10:00	1.41	2.05	94.46	974.14
5/8/2021 11:00	1.47	2.11	93.66	961.94
5/8/2021 12:00	1.42	1.98	92.39	962.28
5/8/2021 13:00	1.48	1.92	92.14	964.39
5/8/2021 14:00	1.41	1.9	90.92	956.61
5/8/2021 15:00	1.46	1.91	89.72	943.36

5/8/2021 16:00	1.43	1.84	89.39	941.46
5/8/2021 17:00	1.56	1.81	88.36	937.69
5/8/2021 18:00	1.65	1.84	87.42	915.44
5/8/2021 19:00	1.65	1.93	87.05	911.3
5/8/2021 20:00	1.58	1.98	85.84	908.41
5/8/2021 21:00	1.42	1.9	82.87	903.27
5/8/2021 22:00	1.3	1.67	79.78	889.69
5/8/2021 23:00	1.07	1.59	77.61	879.71
5/9/2021 0:00	1.01	1.53	76.25	875.69
5/9/2021 1:00	0.96	1.48	75.72	870.85
5/9/2021 2:00	0.91	1.43	75.41	864.49
5/9/2021 3:00	0.93	1.46	75.52	857.24
5/9/2021 4:00	0.91	1.5	76.62	865.18
5/9/2021 5:00	1.01	1.48	77.85	878.29
5/9/2021 6:00	1.11	1.46	79.28	886.59
5/9/2021 7:00	1.26	1.53	80.82	887.51
5/9/2021 8:00	1.3	1.55	83.62	880.14
5/9/2021 9:00	1.54	1.66	85.77	889.5
5/9/2021 10:00	1.6	1.67	87.69	899.02
5/9/2021 11:00	1.56	1.74	89.5	908.75
5/9/2021 12:00	1.49	1.84	90.25	915.3
5/9/2021 13:00	1.47	1.88	90.74	925.08
5/9/2021 14:00	1.33	1.77	90.85	925.36
5/9/2021 15:00	1.25	1.79	90.52	917.52
5/9/2021 16:00	1.3	1.74	89.35	917.61
5/9/2021 17:00	1.43	1.69	88.28	917.64
5/9/2021 18:00	1.47	1.67	86.49	905.86
5/9/2021 19:00	1.58	1.68	85.3	903.83
5/9/2021 20:00	1.61	1.69	83.57	904.7
5/9/2021 21:00	1.44	1.59	81.63	910.57
5/9/2021 22:00	1.26	1.55	80.28	915.62
5/9/2021 23:00	1.02	1.53	79.78	943.67
5/10/2021 0:00	0.92	1.5	79.56	970.69
5/10/2021 1:00	0.86	1.48	79.14	976.81
5/10/2021 2:00	0.86	1.46	78.97	985.69
5/10/2021 3:00	0.86	1.46	80.59	1005.46
5/10/2021 4:00	0.88	1.51	85.06	1056.92
5/10/2021 5:00	1.03	1.61	95.02	1141.97
5/10/2021 6:00	1.24	1.9	108.9	1252.18
5/10/2021 7:00	1.35	2.34	121.63	1331.39
5/10/2021 8:00	1.31	2.52	127.64	1360.96
5/10/2021 9:00	1.32	2.61	130.65	1384.46
5/10/2021 10:00	1.33	2.82	133.12	1422.18
5/10/2021 11:00	1.26	2.94	134.32	1412.71
5/10/2021 12:00	1.3	2.83	133.85	1424.63
5/10/2021 13:00	1.25	2.79	134.35	1459.05
5/10/2021 14:00	1.27	2.82	132.86	1420.92
5/10/2021 15:00	1.34	2.74	127.68	1381.75
5/10/2021 16:00	1.42	2.45	119.38	1325.3
5/10/2021 17:00	1.57	2.18	113.07	1289.84
5/10/2021 18:00	1.58	2.05	108.48	1266.25
5/10/2021 19:00	1.57	1.95	105.63	1251.56
5/10/2021 20:00	1.57	1.89	103.39	1241.69

5/10/2021 21:00	1.42	1.81	99.63	1204.85
5/10/2021 22:00	1.2	1.66	94.62	1195.62
5/10/2021 23:00	1.04	1.58	90.68	1177.44
5/11/2021 0:00	0.91	1.56	88.6	1145.94
5/11/2021 1:00	0.89	1.48	87.01	1121.38
5/11/2021 2:00	0.86	1.46	85.88	1112.75
5/11/2021 3:00	0.86	1.5	87.07	1115.43
5/11/2021 4:00	0.9	1.53	90.85	1146.93
5/11/2021 5:00	0.99	1.65	99.45	1217.91
5/11/2021 6:00	1.23	2.02	113.05	1341.71
5/11/2021 7:00	1.28	2.4	124.49	1412.72
5/11/2021 8:00	1.28	2.64	130.54	1442.62
5/11/2021 9:00	1.3	2.68	132.92	1425.41
5/11/2021 10:00	1.26	2.86	134.6	1450.71
5/11/2021 11:00	1.3	2.88	135.61	1442.49
5/11/2021 12:00	1.28	2.81	134.52	1437.28
5/11/2021 13:00	1.18	2.8	134.57	1451.23
5/11/2021 14:00	1.18	2.82	132.1	1428.63
5/11/2021 15:00	1.27	2.6	125.68	1378.94
5/11/2021 16:00	1.36	2.36	117.51	1315.55
5/11/2021 17:00	1.52	2.2	111.4	1289.78
5/11/2021 18:00	1.59	2.05	106.95	1254.76
5/11/2021 19:00	1.52	2	104.62	1252.31
5/11/2021 20:00	1.66	2.09	102.12	1239.32
5/11/2021 21:00	1.53	1.88	98.57	1213.07
5/11/2021 22:00	1.3	1.65	93.37	1198.66
5/11/2021 23:00	1.07	1.58	89.65	1177.53
5/12/2021 0:00	1	1.55	87.15	1148.74
5/12/2021 1:00	0.93	1.5	85.7	1126.46
5/12/2021 2:00	0.89	1.49	85.39	1110.03
5/12/2021 3:00	0.89	1.52	87.01	1112.26
5/12/2021 4:00	0.94	1.59	90.84	1142.17
5/12/2021 5:00	1.12	1.67	98.11	1222.85
5/12/2021 6:00	1.26	2.09	111.51	1328.8
5/12/2021 7:00	1.29	2.41	122.53	1392.65
5/12/2021 8:00	1.26	2.69	129.03	1396.7
5/12/2021 9:00	1.2	2.73	131.45	1379.65
5/12/2021 10:00	1.25	2.81	134.35	1396.13
5/12/2021 11:00	1.17	3.04	135.59	1410.17
5/12/2021 12:00	1.23	2.9	136.07	1417.74
5/12/2021 13:00	1.18	2.9	136.16	1467.25
5/12/2021 14:00	1.18	2.83	133.12	1425.71
5/12/2021 15:00	1.24	2.71	127.86	1389.12
5/12/2021 16:00	1.38	2.5	119.53	1336.84
5/12/2021 17:00	1.51	2.29	113.76	1300.1
5/12/2021 18:00	1.47	2.07	109.01	1271.98
5/12/2021 19:00	1.55	1.98	105.45	1252.63
5/12/2021 20:00	1.57	1.94	103.63	1240.41
5/12/2021 21:00	1.41	1.81	99.45	1219.45
5/12/2021 22:00	1.23	1.64	94.1	1211.73
5/12/2021 23:00	1.04	1.55	90.64	1181.99
5/13/2021 0:00	0.96	1.56	88.11	1151.74
5/13/2021 1:00	0.88	1.51	86.18	1122.7

5/13/2021 2:00	0.85	1.48	85.53	1098.33
5/13/2021 3:00	0.85	1.53	86.38	1102.78
5/13/2021 4:00	0.88	1.59	90.42	1135.13
5/13/2021 5:00	1.08	1.67	98.46	1201.57
5/13/2021 6:00	1.22	1.9	111.91	1304.47
5/13/2021 7:00	1.36	2.33	123.37	1386.44
5/13/2021 8:00	1.3	2.6	131.34	1417.29
5/13/2021 9:00	1.26	2.65	134.71	1427.34
5/13/2021 10:00	1.22	2.83	137.59	1469.12
5/13/2021 11:00	1.21	2.87	139.45	1482.86
5/13/2021 12:00	1.22	2.78	137.93	1454.19
5/13/2021 13:00	1.2	2.87	138.85	1468.26
5/13/2021 14:00	1.17	2.77	136.32	1430.48
5/13/2021 15:00	1.2	2.69	130.9	1382.71
5/13/2021 16:00	1.29	2.51	123.4	1355.76
5/13/2021 17:00	1.41	2.29	117.62	1329.34
5/13/2021 18:00	1.46	2.09	112.9	1294.83
5/13/2021 19:00	1.5	2.02	108.86	1288.44
5/13/2021 20:00	1.65	1.95	104.48	1274.1
5/13/2021 21:00	1.38	1.79	99.38	1220.04
5/13/2021 22:00	1.16	1.96	93.67	1197.35
5/13/2021 23:00	0.96	1.97	89.61	1170.79
5/14/2021 0:00	0.89	2.06	86.96	1147.22
5/14/2021 1:00	0.86	1.95	85.43	1114.59
5/14/2021 2:00	0.83	1.86	84.74	1096.34
5/14/2021 3:00	0.84	1.71	85.57	1090.08
5/14/2021 4:00	0.86	1.63	88.42	1122.35
5/14/2021 5:00	1.05	1.58	95.65	1181.13
5/14/2021 6:00	1.17	1.86	108.61	1257.63
5/14/2021 7:00	1.25	2.19	119.55	1317.83
5/14/2021 8:00	1.27	2.48	127.5	1364.59
5/14/2021 9:00	1.22	2.58	131.09	1374.57
5/14/2021 10:00	1.17	2.75	135.13	1396.1
5/14/2021 11:00	1.21	2.92	137.34	1402.49
5/14/2021 12:00	1.12	2.84	135.88	1399.5
5/14/2021 13:00	1.13	2.83	136.58	1399.48
5/14/2021 14:00	1.19	2.76	132.78	1367.97
5/14/2021 15:00	1.19	2.62	126.1	1305.81
5/14/2021 16:00	1.23	2.51	120.78	1279.65
5/14/2021 17:00	1.35	2.3	116.01	1256.66
5/14/2021 18:00	1.38	2.22	111.45	1232.05
5/14/2021 19:00	1.36	2.12	106.35	1215.81
5/14/2021 20:00	1.41	2.18	102.58	1184.02
5/14/2021 21:00	1.33	2.03	97.19	1134.82
5/14/2021 22:00	1.25	2.09	90.59	1089.41
5/14/2021 23:00	1.04	2	85.4	1038.45
5/15/2021 0:00	0.92	1.96	82.41	1006.93
5/15/2021 1:00	0.86	1.8	81.36	982.94
5/15/2021 2:00	0.81	1.54	79.73	962.74
5/15/2021 3:00	0.79	1.45	79.37	954
5/15/2021 4:00	0.82	1.47	80.55	961.11
5/15/2021 5:00	0.86	1.42	84.16	984.79
5/15/2021 6:00	0.98	1.52	89	1001.27

5/15/2021 7:00	1.18	1.66	92.02	1007.91
5/15/2021 8:00	1.3	1.83	95.34	1016.73
5/15/2021 9:00	1.37	1.96	99.67	1033.62
5/15/2021 10:00	1.39	2.03	102.18	1039.31
5/15/2021 11:00	1.37	2.24	103.96	1038.92
5/15/2021 12:00	1.37	2.33	103.35	1043.21
5/15/2021 13:00	1.32	2.3	103.22	1043.63
5/15/2021 14:00	1.33	2.24	102.4	1042.66
5/15/2021 15:00	1.31	2.25	100.72	1030.76
5/15/2021 16:00	1.39	2.18	100.45	1019.24
5/15/2021 17:00	1.38	2.16	99.39	1007.54
5/15/2021 18:00	1.49	2.05	97.03	995.12
5/15/2021 19:00	1.46	2.03	93.33	965.34
5/15/2021 20:00	1.42	2.13	89.77	928.6
5/15/2021 21:00	1.4	1.96	85.83	928.16
5/15/2021 22:00	1.21	2.08	81.59	905.46
5/15/2021 23:00	1.08	1.97	78.83	894.5
5/16/2021 0:00	0.96	1.98	76.87	891.47
5/16/2021 1:00	0.91	1.9	75.81	880.92
5/16/2021 2:00	0.84	1.79	75.48	873.95
5/16/2021 3:00	0.81	1.57	75.82	876.15
5/16/2021 4:00	0.8	1.45	77.01	883.05
5/16/2021 5:00	0.82	1.41	78.84	895.8
5/16/2021 6:00	0.95	1.41	80.34	907.43
5/16/2021 7:00	1.14	1.5	82.5	912.38
5/16/2021 8:00	1.27	1.59	86.4	932.73
5/16/2021 9:00	1.37	1.68	90.89	948.87
5/16/2021 10:00	1.44	1.85	93.92	959.14
5/16/2021 11:00	1.51	1.97	96.49	963.75
5/16/2021 12:00	1.52	2.08	97.46	970.33
5/16/2021 13:00	1.52	2.05	97.97	977.82
5/16/2021 14:00	1.47	2.04	98.34	977.36
5/16/2021 15:00	1.46	2.09	98.19	969.85
5/16/2021 16:00	1.49	2.02	96.18	960.35
5/16/2021 17:00	1.69	1.96	94.22	956.27
5/16/2021 18:00	1.65	1.9	91.48	949.73
5/16/2021 19:00	1.65	1.81	88.32	940
5/16/2021 20:00	1.68	1.8	85.84	933
5/16/2021 21:00	1.54	1.72	83.49	928.59
5/16/2021 22:00	1.3	1.93	82.23	937.87
5/16/2021 23:00	1.06	1.96	81.12	968.73
5/17/2021 0:00	0.94	1.99	80.62	982.98
5/17/2021 1:00	0.87	1.9	80.06	990.96
5/17/2021 2:00	0.85	1.82	79.6	991.4
5/17/2021 3:00	0.83	1.61	81.1	1003.84
5/17/2021 4:00	0.86	1.5	85.03	1062.52
5/17/2021 5:00	0.99	1.54	94.03	1149.31
5/17/2021 6:00	1.11	1.89	108.41	1261.55
5/17/2021 7:00	1.24	2.39	121.89	1342.98
5/17/2021 8:00	1.19	2.64	130.96	1382.06
5/17/2021 9:00	1.24	2.73	136.66	1400.2
5/17/2021 10:00	1.27	3	140.9	1451.44
5/17/2021 11:00	1.25	3.01	144.54	1468.98

5/17/2021 12:00	1.29	2.96	145.32	1477.12
5/17/2021 13:00	1.37	3.13	146.97	1500.1
5/17/2021 14:00	1.27	3.06	145.25	1489.31
5/17/2021 15:00	1.22	2.89	139.54	1465.84
5/17/2021 16:00	1.4	2.66	130.08	1401.83
5/17/2021 17:00	1.6	2.46	122.71	1344.96
5/17/2021 18:00	1.58	2.25	116.38	1310.91
5/17/2021 19:00	1.54	2.09	111.64	1292.2
5/17/2021 20:00	1.56	2.09	107.4	1270.1
5/17/2021 21:00	1.5	1.83	101.63	1245.82
5/17/2021 22:00	1.21	1.69	95.92	1225.22
5/17/2021 23:00	1.02	1.58	91.38	1198.09
5/18/2021 0:00	0.89	1.55	88.39	1166.93
5/18/2021 1:00	0.84	1.5	86.8	1144.9
5/18/2021 2:00	0.81	1.44	85.63	1125.52
5/18/2021 3:00	0.8	1.46	86.46	1125.13
5/18/2021 4:00	0.81	1.48	90.05	1155.5
5/18/2021 5:00	0.93	1.6	99.13	1237.74
5/18/2021 6:00	1.15	1.88	112.97	1358.66
5/18/2021 7:00	1.3	2.29	125.12	1438.44
5/18/2021 8:00	1.19	2.66	134.29	1476.57
5/18/2021 9:00	1.19	2.91	140.39	1490.92
5/18/2021 10:00	1.19	3.07	144.95	1528.76
5/18/2021 11:00	1.22	3.24	148.64	1549.62
5/18/2021 12:00	1.21	3.25	148.74	1551.45
5/18/2021 13:00	1.15	3.35	149.85	1575.33
5/18/2021 14:00	1.23	3.24	147.59	1541.48
5/18/2021 15:00	1.32	3.16	143.2	1522.48
5/18/2021 16:00	1.48	3	135.58	1459.3
5/18/2021 17:00	1.64	2.73	128.63	1413.88
5/18/2021 18:00	1.76	2.46	120.76	1371.38
5/18/2021 19:00	1.72	2.3	115.84	1344.4
5/18/2021 20:00	1.73	2.23	111.7	1337.12
5/18/2021 21:00	1.57	2.25	106.04	1301.54
5/18/2021 22:00	1.27	2.17	99.34	1267.39
5/18/2021 23:00	1.07	2.14	94.57	1236.42
5/19/2021 0:00	0.97	2.11	91.95	1198.84
5/19/2021 1:00	0.9	2.01	90.48	1176.94
5/19/2021 2:00	0.88	1.93	89.04	1165.15
5/19/2021 3:00	0.85	1.75	89.97	1159.12
5/19/2021 4:00	0.89	1.67	93.41	1192.43
5/19/2021 5:00	1.04	1.67	101.51	1266.11
5/19/2021 6:00	1.14	1.99	115.44	1383.65
5/19/2021 7:00	1.17	2.4	127.93	1459.61
5/19/2021 8:00	1.17	2.74	136.15	1493.26
5/19/2021 9:00	1.22	2.9	141.76	1500.87
5/19/2021 10:00	1.2	3.17	145.59	1519.31
5/19/2021 11:00	1.25	3.29	149.38	1534.71
5/19/2021 12:00	1.31	3.36	150.12	1537.55
5/19/2021 13:00	1.33	3.45	152.76	1564.83
5/19/2021 14:00	1.42	3.41	151.77	1542.94
5/19/2021 15:00	1.42	3.3	146.71	1499.35
5/19/2021 16:00	1.57	3.1	138.12	1435.34

5/19/2021 17:00	1.67	2.75	130.18	1395.53
5/19/2021 18:00	1.7	2.53	122.62	1359.81
5/19/2021 19:00	1.76	2.46	116.99	1355.71
5/19/2021 20:00	1.68	2.44	112.29	1331.71
5/19/2021 21:00	1.57	2.39	104.98	1283.24
5/19/2021 22:00	1.37	2.34	98.46	1265.73
5/19/2021 23:00	1.18	2.26	94.54	1230.83
5/20/2021 0:00	1.08	2.25	91.08	1185.67
5/20/2021 1:00	0.94	2.1	89.07	1169.3
5/20/2021 2:00	0.89	2.03	88.52	1156.79
5/20/2021 3:00	0.85	1.82	88.9	1143.61
5/20/2021 4:00	0.91	1.81	92.19	1161.37
5/20/2021 5:00	0.98	1.8	100.44	1221.62
5/20/2021 6:00	1.17	2.13	114.83	1334.77
5/20/2021 7:00	1.22	2.56	128.11	1418.88
5/20/2021 8:00	1.23	2.85	136.12	1463.23
5/20/2021 9:00	1.19	3.05	140.06	1476.95
5/20/2021 10:00	1.25	3.26	144.59	1512.97
5/20/2021 11:00	1.33	3.41	146.95	1521.24
5/20/2021 12:00	1.35	3.43	148.58	1534.81
5/20/2021 13:00	1.39	3.55	150.87	1568.36
5/20/2021 14:00	1.35	3.4	150.85	1537.88
5/20/2021 15:00	1.41	3.32	146.18	1515.12
5/20/2021 16:00	1.54	3.1	138.26	1440.11
5/20/2021 17:00	1.63	2.82	130.46	1402.86
5/20/2021 18:00	1.61	2.63	123.17	1357.46
5/20/2021 19:00	1.66	2.49	116.41	1338.55
5/20/2021 20:00	1.74	2.39	112.25	1329.09
5/20/2021 21:00	1.62	2.43	105.77	1281.59
5/20/2021 22:00	1.39	2.39	99.13	1249.63
5/20/2021 23:00	1.17	2.29	94.84	1227.26
5/21/2021 0:00	1.05	2.27	91.89	1193.55
5/21/2021 1:00	0.98	2.18	89.29	1170.9
5/21/2021 2:00	0.9	2.09	88.68	1151.06
5/21/2021 3:00	0.9	1.85	89.43	1154.02
5/21/2021 4:00	0.94	1.83	92.8	1180.15
5/21/2021 5:00	1.03	1.88	101.15	1242.69
5/21/2021 6:00	1.16	2.17	114.2	1337.66
5/21/2021 7:00	1.28	2.67	124.68	1391.56
5/21/2021 8:00	1.19	2.85	132.23	1425.87
5/21/2021 9:00	1.15	2.98	135.68	1435.85
5/21/2021 10:00	1.22	3.22	140.19	1464.98
5/21/2021 11:00	1.23	3.27	143.33	1471.78
5/21/2021 12:00	1.23	3.3	145.32	1460.03
5/21/2021 13:00	1.26	3.46	148.58	1475.08
5/21/2021 14:00	1.38	3.49	149.09	1461.52
5/21/2021 15:00	1.48	3.41	145.33	1423.31
5/21/2021 16:00	1.61	3.27	140.26	1412.49
5/21/2021 17:00	1.77	3	134.69	1387.3
5/21/2021 18:00	1.84	2.8	128.13	1336.55
5/21/2021 19:00	1.83	2.7	121.42	1296.66
5/21/2021 20:00	1.83	2.77	117.06	1275.8
5/21/2021 21:00	1.67	2.95	110.72	1220.62

5/21/2021 22:00	1.48	2.67	103.21	1179.74
5/21/2021 23:00	1.36	2.46	97.51	1135.72
5/22/2021 0:00	1.21	2.33	93.74	1096.51
5/22/2021 1:00	1.11	2.24	91.83	1079.59
5/22/2021 2:00	1.05	2.13	90.5	1065.1
5/22/2021 3:00	0.99	1.94	90.48	1066.95
5/22/2021 4:00	0.99	1.92	91.43	1063.4
5/22/2021 5:00	1.02	1.84	94.53	1062.66
5/22/2021 6:00	1.12	1.94	99.09	1079.49
5/22/2021 7:00	1.27	2.06	103.8	1082.86
5/22/2021 8:00	1.43	2.27	107.59	1096.49
5/22/2021 9:00	1.49	2.43	112.51	1107.2
5/22/2021 10:00	1.71	2.67	115.92	1123.11
5/22/2021 11:00	1.83	2.82	119.38	1129.03
5/22/2021 12:00	2.01	2.9	120.53	1134.3
5/22/2021 13:00	2.17	2.94	121.23	1133.03
5/22/2021 14:00	2.2	3	122.47	1135.37
5/22/2021 15:00	2.19	2.95	121.32	1121.44
5/22/2021 16:00	2.21	2.91	120.26	1112.1
5/22/2021 17:00	2.23	2.71	117.64	1092.33
5/22/2021 18:00	2.41	2.64	112.69	1071.24
5/22/2021 19:00	2.31	2.56	108.78	1059.7
5/22/2021 20:00	2.21	2.69	106.06	1051.33
5/22/2021 21:00	2.04	2.96	100.8	1044.19
5/22/2021 22:00	1.82	2.69	95.54	1022.25
5/22/2021 23:00	1.65	2.42	91.58	996.09
5/23/2021 0:00	1.55	2.3	88.57	991.4
5/23/2021 1:00	1.36	2.19	86.83	990.28
5/23/2021 2:00	1.24	2.05	85.82	974.74
5/23/2021 3:00	1.2	1.86	85.35	973.57
5/23/2021 4:00	1.14	1.85	86.4	975.55
5/23/2021 5:00	1.13	1.78	87.85	985.28
5/23/2021 6:00	1.25	1.81	91.35	997.59
5/23/2021 7:00	1.46	1.98	97.04	1026.32
5/23/2021 8:00	1.7	2.09	102.11	1053.19
5/23/2021 9:00	1.97	2.29	106.92	1064.99
5/23/2021 10:00	2.12	2.46	111.29	1071.26
5/23/2021 11:00	2.18	2.6	116.03	1086.82
5/23/2021 12:00	2.31	2.67	118.51	1091.67
5/23/2021 13:00	2.4	2.74	117.24	1109.47
5/23/2021 14:00	2.4	2.66	115.59	1097.53
5/23/2021 15:00	2.3	2.6	113.82	1085
5/23/2021 16:00	2.33	2.45	109.19	1050.19
5/23/2021 17:00	2.31	2.39	104.96	1012.84
5/23/2021 18:00	2.15	2.3	99.58	984.77
5/23/2021 19:00	2.02	2.16	94.55	964.18
5/23/2021 20:00	1.85	2.16	90.44	952.48
5/23/2021 21:00	1.72	2.33	87.11	946.45
5/23/2021 22:00	1.47	2.31	84.91	956.25
5/23/2021 23:00	1.28	2.24	83.21	978.01
5/24/2021 0:00	1.13	2.16	81.99	1004.21
5/24/2021 1:00	1.04	2.11	81.68	1003.44
5/24/2021 2:00	0.94	2.02	81.24	995.46

5/24/2021 3:00	0.9	1.91	81.92	1014.71
5/24/2021 4:00	0.92	1.89	86.41	1062.06
5/24/2021 5:00	1.01	1.9	95.66	1141.77
5/24/2021 6:00	1.18	2.24	110.94	1265.36
5/24/2021 7:00	1.28	2.55	123.91	1361.64
5/24/2021 8:00	1.28	2.79	132.25	1418.11
5/24/2021 9:00	1.25	2.98	136.4	1437.99
5/24/2021 10:00	1.27	3.2	140.5	1474.18
5/24/2021 11:00	1.35	3.27	142.98	1468.6
5/24/2021 12:00	1.4	3.43	142.15	1473.21
5/24/2021 13:00	1.37	3.42	143.48	1480.7
5/24/2021 14:00	1.4	3.33	142.29	1450.89
5/24/2021 15:00	1.42	3.22	137.22	1427.67
5/24/2021 16:00	1.65	2.96	129.19	1379.98
5/24/2021 17:00	1.82	2.7	121.59	1345.38
5/24/2021 18:00	1.81	2.46	116.08	1317.08
5/24/2021 19:00	1.74	2.29	110.6	1284.12
5/24/2021 20:00	1.67	2.42	106.82	1257.43
5/24/2021 21:00	1.52	2.41	101.85	1223.89
5/24/2021 22:00	1.3	2.36	96.71	1201.46
5/24/2021 23:00	1.11	2.26	92.28	1184.13
5/25/2021 0:00	1	2.16	89.52	1161.69
5/25/2021 1:00	0.93	2.08	87.38	1131.1
5/25/2021 2:00	0.9	2.01	86.71	1125.35
5/25/2021 3:00	0.87	1.92	87.13	1119.88
5/25/2021 4:00	0.88	1.84	91.13	1155.38
5/25/2021 5:00	1	1.86	98.73	1231.55
5/25/2021 6:00	1.21	2.15	112.47	1337.42
5/25/2021 7:00	1.3	2.49	125.5	1421.49
5/25/2021 8:00	1.3	2.83	134.42	1462.66
5/25/2021 9:00	1.21	3.06	139.67	1480.19
5/25/2021 10:00	1.3	3.37	144.97	1515.54
5/25/2021 11:00	1.33	3.46	148.01	1527.11
5/25/2021 12:00	1.39	3.53	149.83	1519.54
5/25/2021 13:00	1.39	3.7	153.16	1548.77
5/25/2021 14:00	1.46	3.73	153.63	1546.19
5/25/2021 15:00	1.53	3.52	149.71	1537.9
5/25/2021 16:00	1.71	3.34	141.45	1492.28
5/25/2021 17:00	1.95	3.06	134.86	1474.91
5/25/2021 18:00	2.07	2.74	128.64	1441.15
5/25/2021 19:00	2.02	2.53	122.73	1423.58
5/25/2021 20:00	2.01	2.61	119.32	1392.78
5/25/2021 21:00	1.83	2.71	113	1351.74
5/25/2021 22:00	1.55	2.46	106.05	1310.36
5/25/2021 23:00	1.33	2.36	101.28	1261.41
5/26/2021 0:00	1.19	2.26	97.98	1252.63
5/26/2021 1:00	1.12	2.18	96.36	1231.01
5/26/2021 2:00	1.06	2.09	94.96	1212.4
5/26/2021 3:00	1.01	1.96	95.74	1222.73
5/26/2021 4:00	1.05	1.92	99.38	1253.12
5/26/2021 5:00	1.16	1.99	107.73	1320.71
5/26/2021 6:00	1.32	2.31	123.66	1437.67
5/26/2021 7:00	1.37	2.88	138.12	1521.6

5/26/2021 8:00	1.52	3.15	148.46	1578.67
5/26/2021 9:00	1.59	3.5	155.4	1619.59
5/26/2021 10:00	1.69	4.03	164.45	1678.45
5/26/2021 11:00	2	4.28	170.52	1699.72
5/26/2021 12:00	2.13	4.31	173.37	1679.68
5/26/2021 13:00	2.32	4.41	176.16	1698.9
5/26/2021 14:00	2.37	4.33	175.07	1679.4
5/26/2021 15:00	2.53	4.15	169.72	1643.02
5/26/2021 16:00	2.61	4.05	160.95	1585.03
5/26/2021 17:00	2.85	3.57	152.18	1550.23
5/26/2021 18:00	2.78	3.32	142.95	1473.13
5/26/2021 19:00	2.55	2.89	129.42	1388.21
5/26/2021 20:00	2.32	2.69	123.55	1384.75
5/26/2021 21:00	2.09	2.5	117.56	1388.48
5/26/2021 22:00	1.79	2.32	111.23	1372.84
5/26/2021 23:00	1.58	2.2	105.96	1355.28
5/27/2021 0:00	1.42	2.08	103.16	1324.12
5/27/2021 1:00	1.31	1.99	101.84	1303.8
5/27/2021 2:00	1.24	1.97	100.66	1282.7
5/27/2021 3:00	1.17	1.96	101.25	1275.02
5/27/2021 4:00	1.16	2.05	104.83	1310.66
5/27/2021 5:00	1.24	2.15	112.74	1373.87
5/27/2021 6:00	1.33	2.46	127.78	1475.55
5/27/2021 7:00	1.44	2.9	141.14	1546.63
5/27/2021 8:00	1.54	3.24	148.11	1551.71
5/27/2021 9:00	1.58	3.47	151.98	1534
5/27/2021 10:00	1.63	3.68	155.9	1575.71
5/27/2021 11:00	1.65	3.67	157.23	1566.87
5/27/2021 12:00	1.59	3.64	155.02	1555.28
5/27/2021 13:00	1.65	3.67	156.26	1552.11
5/27/2021 14:00	1.72	3.63	153.85	1534.94
5/27/2021 15:00	1.81	3.51	148.26	1484.16
5/27/2021 16:00	1.92	3.24	139.11	1430.34
5/27/2021 17:00	1.99	3.04	131	1399.66
5/27/2021 18:00	2	2.77	123.72	1366.57
5/27/2021 19:00	1.81	2.57	117.62	1352.35
5/27/2021 20:00	1.84	2.4	112.41	1324.79
5/27/2021 21:00	1.63	2.18	104.61	1267.67
5/27/2021 22:00	1.39	2.02	98.1	1259.86
5/27/2021 23:00	1.17	1.86	93.04	1219.94
5/28/2021 0:00	1.06	1.79	89.48	1179.8
5/28/2021 1:00	1	1.73	88.11	1148.26
5/28/2021 2:00	0.94	1.68	86.64	1121.18
5/28/2021 3:00	0.87	1.71	86.98	1110.87
5/28/2021 4:00	0.89	1.79	90.35	1135.25
5/28/2021 5:00	0.94	1.9	97.46	1179.86
5/28/2021 6:00	1.13	2.15	109.27	1268.93
5/28/2021 7:00	1.18	2.46	118.79	1313.47
5/28/2021 8:00	1.21	2.72	123.97	1322.54
5/28/2021 9:00	1.25	2.81	126.5	1316.01
5/28/2021 10:00	1.29	2.95	128.25	1341.1
5/28/2021 11:00	1.25	2.9	128.03	1338.34
5/28/2021 12:00	1.29	2.9	125.7	1311.95

5/28/2021 13:00	1.25	2.97	125.06	1296.97
5/28/2021 14:00	1.21	2.87	122.3	1265.46
5/28/2021 15:00	1.31	2.71	116.83	1245.51
5/28/2021 16:00	1.36	2.5	111.14	1217.83
5/28/2021 17:00	1.51	2.3	105.83	1179.06
5/28/2021 18:00	1.44	2.14	101.93	1141.76
5/28/2021 19:00	1.45	2.07	99.02	1120.91
5/28/2021 20:00	1.44	2.04	97.61	1106.48
5/28/2021 21:00	1.36	1.9	92.75	1066.87
5/28/2021 22:00	1.17	1.81	87.31	1019.64
5/28/2021 23:00	1.02	1.68	83.15	972.46
5/29/2021 0:00	0.97	1.63	80.58	948.04
5/29/2021 1:00	0.94	1.57	79.79	931.55
5/29/2021 2:00	0.87	1.53	78.77	917.02
5/29/2021 3:00	0.85	1.54	78.49	914.78
5/29/2021 4:00	0.84	1.55	80.23	904.68
5/29/2021 5:00	0.93	1.54	82.72	900.51
5/29/2021 6:00	1.02	1.61	86.52	892.88
5/29/2021 7:00	1.16	1.71	87.66	889.14
5/29/2021 8:00	1.43	1.82	89.11	889.89
5/29/2021 9:00	1.44	1.86	90.67	895.98
5/29/2021 10:00	1.57	2	91.32	885.64
5/29/2021 11:00	1.65	2.07	91.34	880.96
5/29/2021 12:00	1.69	2	91.02	886.42
5/29/2021 13:00	1.69	2.04	90.46	892.46
5/29/2021 14:00	1.67	1.95	89.9	887.2
5/29/2021 15:00	1.64	1.98	88.48	881.67
5/29/2021 16:00	1.62	1.92	88.49	876.6
5/29/2021 17:00	1.8	1.87	87.02	873.67
5/29/2021 18:00	1.71	1.84	85.69	857.22
5/29/2021 19:00	1.68	2.06	84.84	850.5
5/29/2021 20:00	1.54	2.06	84.56	854.39
5/29/2021 21:00	1.43	1.97	82.23	857.42
5/29/2021 22:00	1.34	1.86	79.06	848.12
5/29/2021 23:00	1.13	1.67	77.19	847.18
5/30/2021 0:00	1.05	1.59	75.58	846.2
5/30/2021 1:00	0.98	1.55	75.05	847.04
5/30/2021 2:00	0.95	1.53	74.71	844.49
5/30/2021 3:00	0.92	1.52	74.46	847.48
5/30/2021 4:00	0.89	1.55	75.33	850.81
5/30/2021 5:00	0.97	1.5	76.96	850.22
5/30/2021 6:00	1.13	1.5	78.83	857.58
5/30/2021 7:00	1.31	1.62	81.08	862.75
5/30/2021 8:00	1.47	1.68	84.04	851.99
5/30/2021 9:00	1.5	1.76	85.39	857.58
5/30/2021 10:00	1.64	1.85	86.77	851.14
5/30/2021 11:00	1.7	1.92	87.52	849.68
5/30/2021 12:00	1.68	1.92	87.66	845.36
5/30/2021 13:00	1.8	1.95	87.74	843.91
5/30/2021 14:00	1.79	1.88	87.65	839.54
5/30/2021 15:00	1.66	1.83	87.02	843.05
5/30/2021 16:00	1.69	1.79	86.58	850.83
5/30/2021 17:00	1.83	1.79	85.56	846.84

5/30/2021 18:00	1.87	1.82	84.8	840.43
5/30/2021 19:00	1.71	1.82	83.91	827.06
5/30/2021 20:00	1.61	1.82	81.51	825.18
5/30/2021 21:00	1.48	1.73	80.29	820.47
5/30/2021 22:00	1.28	1.68	78.68	812.32
5/30/2021 23:00	1.17	1.64	77.16	811.41
5/31/2021 0:00	1.05	1.62	76.27	807.52
5/31/2021 1:00	0.98	1.61	76.25	806.87
5/31/2021 2:00	0.94	1.56	75.9	802.28
5/31/2021 3:00	0.95	1.55	76.53	799.04
5/31/2021 4:00	0.95	1.58	78.15	810.9
5/31/2021 5:00	0.99	1.6	80.58	828.47
5/31/2021 6:00	1.11	1.6	84.67	836.55
5/31/2021 7:00	1.25	1.7	85.99	834.58
5/31/2021 8:00	1.41	1.81	87.53	859.83
5/31/2021 9:00	1.61	1.83	88.76	868.05
5/31/2021 10:00	1.69	1.92	90.08	888.13
5/31/2021 11:00	1.79	1.97	91.6	891.84
5/31/2021 12:00	1.68	1.94	92.19	901.89
5/31/2021 13:00	1.62	1.93	92.44	902.62
5/31/2021 14:00	1.58	1.91	93.08	899.03
5/31/2021 15:00	1.55	1.83	92.89	900.96
5/31/2021 16:00	1.62	1.81	92.09	900.54
5/31/2021 17:00	1.88	1.78	90.36	897.59
5/31/2021 18:00	1.76	1.78	88.42	884.96
5/31/2021 19:00	1.8	1.75	87.34	881.87
5/31/2021 20:00	1.66	1.74	86.62	893.24
5/31/2021 21:00	1.56	1.71	83.75	894.27
5/31/2021 22:00	1.35	1.58	81.24	911.28
5/31/2021 23:00	1.15	1.57	79.92	938.94
6/1/2021 0:00	1.02	1.55	79.5	957.36
6/1/2021 1:00	0.95	1.49	79.4	965.2
6/1/2021 2:00	0.9	1.49	79.1	977.9
6/1/2021 3:00	0.92	1.49	80.49	1000.01
6/1/2021 4:00	0.94	1.51	84.68	1046.76
6/1/2021 5:00	1.06	1.61	93.47	1135.17
6/1/2021 6:00	1.24	2.01	108.2	1244.71
6/1/2021 7:00	1.4	2.52	121.19	1336.4
6/1/2021 8:00	1.29	2.65	129.86	1398.92
6/1/2021 9:00	1.32	2.75	135.29	1432.28
6/1/2021 10:00	1.28	2.97	139.83	1473.65
6/1/2021 11:00	1.3	3.03	142.66	1495.92
6/1/2021 12:00	1.26	3.07	143.34	1507.07
6/1/2021 13:00	1.29	3.16	145.55	1520.5
6/1/2021 14:00	1.33	3.19	143.63	1513.58
6/1/2021 15:00	1.37	3.03	139.68	1488.88
6/1/2021 16:00	1.49	2.9	132.07	1432.14
6/1/2021 17:00	1.66	2.64	125.36	1398.34
6/1/2021 18:00	1.71	2.41	120.39	1374.81
6/1/2021 19:00	1.65	2.29	115.59	1360.36
6/1/2021 20:00	1.69	2.13	110.61	1333
6/1/2021 21:00	1.58	2	104.68	1296.46
6/1/2021 22:00	1.31	1.8	98.02	1267.39

6/1/2021 23:00	1.16	1.72	93.53	1234.87
6/2/2021 0:00	1.04	1.63	90.51	1204.92
6/2/2021 1:00	0.97	1.58	89.14	1177.59
6/2/2021 2:00	0.91	1.69	87.98	1150.45
6/2/2021 3:00	0.88	1.64	88.6	1155.53
6/2/2021 4:00	0.9	1.6	91.62	1194.59
6/2/2021 5:00	1.03	1.78	98.4	1258.25
6/2/2021 6:00	1.16	2.12	113.95	1376.88
6/2/2021 7:00	1.29	2.36	128.33	1461.55
6/2/2021 8:00	1.23	2.67	137.79	1487.91
6/2/2021 9:00	1.28	2.93	143.96	1509.17
6/2/2021 10:00	1.28	3.31	149.93	1556.06
6/2/2021 11:00	1.37	3.56	152.36	1560.65
6/2/2021 12:00	1.45	3.52	153.36	1567.55
6/2/2021 13:00	1.57	3.67	155.17	1581.15
6/2/2021 14:00	1.53	3.63	153.01	1554.89
6/2/2021 15:00	1.64	3.47	147.46	1501.96
6/2/2021 16:00	1.76	3.27	138.79	1459.68
6/2/2021 17:00	1.88	2.96	131.39	1409.66
6/2/2021 18:00	1.94	2.62	125.12	1373
6/2/2021 19:00	1.87	2.49	119.25	1366.04
6/2/2021 20:00	1.77	2.38	115.6	1355.9
6/2/2021 21:00	1.74	2.21	110.86	1333.9
6/2/2021 22:00	1.54	2.1	105.28	1319.84
6/2/2021 23:00	1.29	2.03	100.82	1285.24
6/3/2021 0:00	1.17	1.9	97.54	1261.28
6/3/2021 1:00	1.1	1.78	95.75	1238.54
6/3/2021 2:00	1.02	1.71	94.25	1217.27
6/3/2021 3:00	0.98	1.69	94.46	1220.45
6/3/2021 4:00	1	1.79	98.09	1263.81
6/3/2021 5:00	1.08	1.95	106.51	1322.84
6/3/2021 6:00	1.22	2.25	121.38	1418.18
6/3/2021 7:00	1.27	2.68	134.11	1496.26
6/3/2021 8:00	1.37	2.92	142.62	1517.16
6/3/2021 9:00	1.3	3.05	146.89	1533.44
6/3/2021 10:00	1.42	3.33	150.63	1550.3
6/3/2021 11:00	1.48	3.56	152.83	1540.22
6/3/2021 12:00	1.59	3.59	153.55	1521.57
6/3/2021 13:00	1.65	3.72	156.7	1542.95
6/3/2021 14:00	1.68	3.57	156.4	1520.65
6/3/2021 15:00	1.88	3.39	150.03	1511.11
6/3/2021 16:00	1.93	3.13	142.9	1471.29
6/3/2021 17:00	2.06	2.93	135.96	1437.63
6/3/2021 18:00	2.06	2.7	130.16	1427.76
6/3/2021 19:00	2.01	2.59	126.28	1411.43
6/3/2021 20:00	2.06	2.48	121.11	1402.35
6/3/2021 21:00	1.86	2.29	114.32	1374.03
6/3/2021 22:00	1.7	2.07	107.67	1359.47
6/3/2021 23:00	1.49	1.95	103.44	1325.73
6/4/2021 0:00	1.32	1.87	100.41	1293.86
6/4/2021 1:00	1.18	1.84	98.32	1270.13
6/4/2021 2:00	1.15	1.78	96.95	1263.9
6/4/2021 3:00	1.12	1.8	98.31	1252.18

6/4/2021 4:00	1.12	1.84	101.27	1288.38
6/4/2021 5:00	1.18	2.02	110.78	1349.51
6/4/2021 6:00	1.35	2.41	125.5	1453.99
6/4/2021 7:00	1.48	2.95	138.5	1500.47
6/4/2021 8:00	1.54	3.24	147.75	1551.64
6/4/2021 9:00	1.5	3.27	152.25	1564.74
6/4/2021 10:00	1.61	3.53	155.26	1565.6
6/4/2021 11:00	1.66	3.63	157.77	1559.24
6/4/2021 12:00	1.79	3.63	156.38	1540.15
6/4/2021 13:00	1.87	3.63	156.78	1553.05
6/4/2021 14:00	1.94	3.56	153.04	1511.85
6/4/2021 15:00	1.9	3.35	145.66	1454.54
6/4/2021 16:00	2.1	3.29	139.66	1423.01
6/4/2021 17:00	2.24	3.11	134.7	1387.07
6/4/2021 18:00	2.23	2.91	130.28	1363.98
6/4/2021 19:00	2.16	2.7	125.02	1348.85
6/4/2021 20:00	2.01	2.73	119.88	1316.75
6/4/2021 21:00	2.01	2.94	113.33	1268.33
6/4/2021 22:00	1.65	2.66	105.43	1222.02
6/4/2021 23:00	1.48	2.41	99.26	1170.52
6/5/2021 0:00	1.31	2.34	94.35	1131.55
6/5/2021 1:00	1.22	2.26	92.17	1103.54
6/5/2021 2:00	1.12	2.07	90.52	1083.11
6/5/2021 3:00	1.05	1.98	90.05	1080.46
6/5/2021 4:00	1.04	1.78	90.68	1072.38
6/5/2021 5:00	1.09	1.7	92.97	1057.37
6/5/2021 6:00	1.21	1.8	99.24	1092.67
6/5/2021 7:00	1.42	2.1	105.45	1122.36
6/5/2021 8:00	1.66	2.34	111.39	1140.88
6/5/2021 9:00	1.83	2.56	118.36	1160.75
6/5/2021 10:00	2.14	2.83	123.42	1183.76
6/5/2021 11:00	2.29	3.08	126.25	1177.08
6/5/2021 12:00	2.47	3.13	127.17	1190.56
6/5/2021 13:00	2.56	3.14	128.81	1201.74
6/5/2021 14:00	2.63	3.31	129.6	1205.98
6/5/2021 15:00	2.69	3.33	129.66	1200.38
6/5/2021 16:00	2.74	3.27	128.62	1213.3
6/5/2021 17:00	2.89	3.01	125.55	1184.15
6/5/2021 18:00	2.66	2.71	118.33	1150.44
6/5/2021 19:00	2.48	2.66	113.39	1127.62
6/5/2021 20:00	2.32	2.67	110.13	1121.43
6/5/2021 21:00	2.22	2.99	105.09	1102.17
6/5/2021 22:00	1.97	2.89	99.94	1084.07
6/5/2021 23:00	1.72	2.55	96.02	1064.61
6/6/2021 0:00	1.61	2.44	93.4	1044.53
6/6/2021 1:00	1.46	2.3	91.24	1028.14
6/6/2021 2:00	1.39	2.21	90.35	1020.52
6/6/2021 3:00	1.3	2.01	89.47	1009.14
6/6/2021 4:00	1.27	1.94	89.52	1006.09
6/6/2021 5:00	1.25	1.85	89.93	1007.76
6/6/2021 6:00	1.37	1.87	93.33	1010.41
6/6/2021 7:00	1.59	2.09	99.18	1008.36
6/6/2021 8:00	1.87	2.23	106.23	1026.39

6/6/2021 9:00	2.16	2.38	112.31	1053.56
6/6/2021 10:00	2.48	2.67	118.74	1075.2
6/6/2021 11:00	2.67	2.84	123.48	1093.26
6/6/2021 12:00	2.76	2.94	126.68	1112.55
6/6/2021 13:00	2.84	2.97	128.66	1123.63
6/6/2021 14:00	2.92	3.13	129.57	1125.78
6/6/2021 15:00	3.11	3.19	129.79	1138.5
6/6/2021 16:00	3.17	3.13	128.83	1140.09
6/6/2021 17:00	3.39	2.97	126.69	1130.44
6/6/2021 18:00	3.21	2.85	121.58	1127.78
6/6/2021 19:00	3.21	2.7	117.55	1123.99
6/6/2021 20:00	2.97	2.65	111.74	1106.87
6/6/2021 21:00	2.79	2.77	107.02	1088.87
6/6/2021 22:00	2.38	2.72	102.86	1086.72
6/6/2021 23:00	2.05	2.62	99.99	1111.78
6/7/2021 0:00	1.87	2.53	98.48	1118.84
6/7/2021 1:00	1.66	2.46	96.92	1117.86
6/7/2021 2:00	1.6	2.37	95.55	1120.26
6/7/2021 3:00	1.48	2.27	96.58	1139.94
6/7/2021 4:00	1.44	2.17	101.4	1186.04
6/7/2021 5:00	1.5	2.21	112.39	1261.18
6/7/2021 6:00	1.68	2.53	130.48	1399.53
6/7/2021 7:00	1.85	3.16	148.26	1531.87
6/7/2021 8:00	2.03	3.67	160.99	1595.02
6/7/2021 9:00	2.22	3.92	169.14	1628.75
6/7/2021 10:00	2.43	4.25	176.8	1668.29
6/7/2021 11:00	2.66	4.47	180.66	1664.34
6/7/2021 12:00	2.77	4.48	179.63	1656.31
6/7/2021 13:00	2.89	4.59	181.38	1673.04
6/7/2021 14:00	2.97	4.7	179.2	1636.76
6/7/2021 15:00	3.11	4.53	171.97	1551.04
6/7/2021 16:00	3.2	4.13	163.46	1530.03
6/7/2021 17:00	3.49	3.71	157.2	1541.57
6/7/2021 18:00	3.51	3.34	151.52	1519.57
6/7/2021 19:00	3.31	3.2	144.96	1505.4
6/7/2021 20:00	3.08	3.18	136.67	1472.42
6/7/2021 21:00	2.87	3.23	128.6	1444.01
6/7/2021 22:00	2.53	2.94	121.63	1428.47
6/7/2021 23:00	2.22	2.76	116.57	1413.05
6/8/2021 0:00	1.99	2.69	113.2	1392
6/8/2021 1:00	1.89	2.56	111.3	1370.93
6/8/2021 2:00	1.77	2.52	110.42	1346.21
6/8/2021 3:00	1.76	2.4	110.64	1346.26
6/8/2021 4:00	1.73	2.31	115.15	1375.13
6/8/2021 5:00	1.81	2.3	124.79	1445.88
6/8/2021 6:00	1.98	2.76	142.25	1574.97
6/8/2021 7:00	2.26	3.4	159.93	1651.96
6/8/2021 8:00	2.39	3.73	170.62	1694.53
6/8/2021 9:00	2.46	4.03	176.76	1732.41
6/8/2021 10:00	2.6	4.37	182.65	1730.95
6/8/2021 11:00	2.88	4.7	185.6	1727.92
6/8/2021 12:00	2.92	4.8	185.48	1720.82
6/8/2021 13:00	3.04	4.9	187.83	1729.94

6/8/2021 14:00	3.14	4.83	185.41	1709.23
6/8/2021 15:00	3.19	4.55	177.83	1687.49
6/8/2021 16:00	3.05	4.11	162.56	1558.9
6/8/2021 17:00	3.06	3.55	151.55	1541.72
6/8/2021 18:00	3.12	3.19	145.16	1513.76
6/8/2021 19:00	2.85	2.97	139.77	1510.26
6/8/2021 20:00	2.8	2.86	134.28	1488.4
6/8/2021 21:00	2.59	2.59	126.98	1458.85
6/8/2021 22:00	2.29	2.36	120.31	1452.69
6/8/2021 23:00	2.04	2.27	114.87	1424.18
6/9/2021 0:00	1.86	2.17	111.39	1393.11
6/9/2021 1:00	1.76	2.16	109.29	1370.6
6/9/2021 2:00	1.67	2.12	108.09	1346.37
6/9/2021 3:00	1.64	2.09	109.16	1334.12
6/9/2021 4:00	1.64	2.15	113.73	1362.83
6/9/2021 5:00	1.67	2.27	122.79	1450.34
6/9/2021 6:00	1.77	2.64	139.3	1573.66
6/9/2021 7:00	1.94	3.27	154.77	1654.09
6/9/2021 8:00	1.99	3.63	164.05	1687.43
6/9/2021 9:00	2.2	3.88	170.87	1702.31
6/9/2021 10:00	2.29	4.31	176.05	1725.89
6/9/2021 11:00	2.43	4.5	179.4	1732.29
6/9/2021 12:00	2.61	4.43	179.92	1717.42
6/9/2021 13:00	2.78	4.52	183.24	1740.37
6/9/2021 14:00	2.91	4.56	181.61	1701.35
6/9/2021 15:00	2.96	4.31	173.9	1645
6/9/2021 16:00	3.11	4.11	163.73	1593.33
6/9/2021 17:00	3.27	3.71	155.02	1562.94
6/9/2021 18:00	3.2	3.41	147.1	1524.01
6/9/2021 19:00	3.02	3.13	139.58	1496.7
6/9/2021 20:00	2.73	2.87	131.24	1453.62
6/9/2021 21:00	2.48	2.61	121.72	1407.63
6/9/2021 22:00	2.08	2.35	112.4	1390.28
6/9/2021 23:00	1.8	2.19	105.69	1339.38
6/10/2021 0:00	1.57	2.03	101.09	1305.11
6/10/2021 1:00	1.43	1.89	98.1	1267.18
6/10/2021 2:00	1.32	1.85	96.65	1235.35
6/10/2021 3:00	1.28	1.84	97.04	1245.1
6/10/2021 4:00	1.22	1.89	100.47	1268.32
6/10/2021 5:00	1.27	2.01	108.12	1313.78
6/10/2021 6:00	1.36	2.32	123.12	1414.55
6/10/2021 7:00	1.46	2.82	136.65	1495.92
6/10/2021 8:00	1.47	3.19	145.26	1530.06
6/10/2021 9:00	1.55	3.42	150.72	1532.63
6/10/2021 10:00	1.52	3.66	154.72	1558.43
6/10/2021 11:00	1.66	3.81	156.91	1544.25
6/10/2021 12:00	1.73	3.8	156.5	1538.85
6/10/2021 13:00	1.79	3.75	157.87	1559.17
6/10/2021 14:00	1.78	3.67	155.34	1530.67
6/10/2021 15:00	1.79	3.56	149.32	1501.08
6/10/2021 16:00	1.87	3.33	140.62	1450.28
6/10/2021 17:00	2	3.1	132.35	1409.91
6/10/2021 18:00	2	2.82	126.84	1385.41

6/10/2021 19:00	1.84	2.59	121.42	1365.63
6/10/2021 20:00	1.77	2.4	115.26	1332.62
6/10/2021 21:00	1.66	2.26	108.09	1313.27
6/10/2021 22:00	1.41	2.03	101.12	1289.03
6/10/2021 23:00	1.2	1.91	96.06	1245.29
6/11/2021 0:00	1.11	1.81	93.34	1219.9
6/11/2021 1:00	1.04	1.74	91.52	1197.19
6/11/2021 2:00	0.98	1.68	90.08	1183.48
6/11/2021 3:00	0.92	1.67	90.72	1177.04
6/11/2021 4:00	0.96	1.73	94.34	1196.38
6/11/2021 5:00	1.05	1.85	101.72	1257.01
6/11/2021 6:00	1.2	2.22	115.16	1342.51
6/11/2021 7:00	1.3	2.6	127.06	1404.41
6/11/2021 8:00	1.37	2.83	134.21	1430.96
6/11/2021 9:00	1.3	2.9	136.72	1439.5
6/11/2021 10:00	1.29	3.14	138.53	1455.43
6/11/2021 11:00	1.43	3.2	139.43	1446
6/11/2021 12:00	1.45	3.02	136.72	1406.38
6/11/2021 13:00	1.31	3.13	136.48	1394.14
6/11/2021 14:00	1.32	3.03	132.72	1366.36
6/11/2021 15:00	1.3	2.82	126.29	1301.37
6/11/2021 16:00	1.39	2.68	120.86	1291.67
6/11/2021 17:00	1.6	2.51	114.71	1267.03
6/11/2021 18:00	1.65	2.4	110.92	1232.88
6/11/2021 19:00	1.58	2.34	108.07	1217.16
6/11/2021 20:00	1.51	2.25	105.4	1201.67
6/11/2021 21:00	1.37	2.17	100.67	1169.13
6/11/2021 22:00	1.2	2.05	94.85	1122.57
6/11/2021 23:00	1.13	1.79	89.66	1075.92
6/12/2021 0:00	1	1.74	87.1	1047.37
6/12/2021 1:00	0.98	1.7	85.99	1036.23
6/12/2021 2:00	0.91	1.65	84.84	1022.17
6/12/2021 3:00	0.91	1.62	84.96	1015.47
6/12/2021 4:00	0.89	1.62	86.11	1024.24
6/12/2021 5:00	0.96	1.6	89.26	1043.52
6/12/2021 6:00	1.07	1.71	94.65	1059.36
6/12/2021 7:00	1.24	1.86	97.38	1068.45
6/12/2021 8:00	1.39	2.02	100.54	1074.46
6/12/2021 9:00	1.44	2.17	103.59	1081.4
6/12/2021 10:00	1.47	2.39	106.24	1083.95
6/12/2021 11:00	1.58	2.59	107.76	1087.99
6/12/2021 12:00	1.53	2.63	108.19	1089.21
6/12/2021 13:00	1.6	2.64	109.28	1089.61
6/12/2021 14:00	1.6	2.64	110.27	1078.71
6/12/2021 15:00	1.76	2.67	110.03	1079.79
6/12/2021 16:00	1.76	2.7	109.63	1074.89
6/12/2021 17:00	1.92	2.58	107.7	1075.14
6/12/2021 18:00	2	2.59	105.5	1051.13
6/12/2021 19:00	1.85	2.48	102.08	1032.66
6/12/2021 20:00	1.81	2.34	98.89	1020.82
6/12/2021 21:00	1.73	2.19	94	1014.46
6/12/2021 22:00	1.53	2.04	88.66	994.47
6/12/2021 23:00	1.32	1.92	85.59	985.08

6/13/2021 0:00	1.21	1.83	83.6	970.21
6/13/2021 1:00	1.08	1.76	81.72	963.01
6/13/2021 2:00	1.01	1.68	80.43	951.33
6/13/2021 3:00	0.96	1.64	79.82	944.69
6/13/2021 4:00	0.93	1.65	81	944.42
6/13/2021 5:00	0.97	1.62	81.2	943.35
6/13/2021 6:00	1.09	1.67	84.3	949.71
6/13/2021 7:00	1.27	1.78	88.92	958.89
6/13/2021 8:00	1.45	1.95	94.21	983.79
6/13/2021 9:00	1.64	2.18	99.98	1006.52
6/13/2021 10:00	1.77	2.4	105.53	1020.25
6/13/2021 11:00	1.94	2.57	109.02	1008.69
6/13/2021 12:00	1.93	2.63	111.26	1013.31
6/13/2021 13:00	2.03	2.68	112.37	1035.72
6/13/2021 14:00	2.11	2.67	113.65	1027.86
6/13/2021 15:00	2.13	2.68	114.66	1024.67
6/13/2021 16:00	2.29	2.67	113.85	1039.51
6/13/2021 17:00	2.43	2.62	111.86	1036.34
6/13/2021 18:00	2.49	2.62	108.3	1037.35
6/13/2021 19:00	2.34	2.41	104.84	1018.94
6/13/2021 20:00	2.19	2.27	99.44	1014.44
6/13/2021 21:00	2.08	2.15	95.55	1010.01
6/13/2021 22:00	1.72	2.09	92.24	1005.07
6/13/2021 23:00	1.45	1.99	90.53	1023.9
6/14/2021 0:00	1.29	1.92	89.2	1044.44
6/14/2021 1:00	1.14	1.85	87.38	1050.37
6/14/2021 2:00	1.08	1.78	87.02	1045.48
6/14/2021 3:00	1.04	1.78	88.08	1068.51
6/14/2021 4:00	1.04	1.78	92.12	1110.36
6/14/2021 5:00	1.08	1.86	101.16	1194.95
6/14/2021 6:00	1.24	2.22	118.06	1334.94
6/14/2021 7:00	1.29	2.7	132.43	1425.87
6/14/2021 8:00	1.38	2.89	141.18	1459.02
6/14/2021 9:00	1.4	3.1	144.34	1477.33
6/14/2021 10:00	1.41	3.2	146.64	1523.77
6/14/2021 11:00	1.43	3.28	146.63	1532.16
6/14/2021 12:00	1.48	3.32	145.62	1519.88
6/14/2021 13:00	1.51	3.33	148.58	1545.5
6/14/2021 14:00	1.54	3.36	146.74	1519.88
6/14/2021 15:00	1.54	3.16	139.99	1489.66
6/14/2021 16:00	1.73	2.96	131.63	1432.76
6/14/2021 17:00	1.99	2.62	124.71	1393.87
6/14/2021 18:00	1.94	2.31	119.61	1372.69
6/14/2021 19:00	1.82	2.38	117.25	1363.39
6/14/2021 20:00	1.78	2.28	113.46	1345.75
6/14/2021 21:00	1.69	2.18	108.86	1335.58
6/14/2021 22:00	1.41	2.04	103.39	1324.99
6/14/2021 23:00	1.24	1.8	99.86	1304.19
6/15/2021 0:00	1.1	1.73	97.01	1282.27
6/15/2021 1:00	1.04	1.7	95.4	1246.26
6/15/2021 2:00	0.98	1.67	94.86	1224.52
6/15/2021 3:00	0.99	1.67	95.59	1239.74
6/15/2021 4:00	0.99	1.71	100.58	1273.27

6/15/2021 5:00	1.09	1.82	109.11	1347.02
6/15/2021 6:00	1.18	2.2	124.45	1465.81
6/15/2021 7:00	1.36	2.77	137.08	1538.87
6/15/2021 8:00	1.35	3.15	145.81	1565.43
6/15/2021 9:00	1.37	3.21	149.48	1575.3
6/15/2021 10:00	1.44	3.34	151.81	1562.48
6/15/2021 11:00	1.52	3.51	152.27	1536.98
6/15/2021 12:00	1.59	3.5	153.1	1544.3
6/15/2021 13:00	1.58	3.59	156.05	1571.5
6/15/2021 14:00	1.66	3.55	152.81	1561.7
6/15/2021 15:00	1.85	3.55	150.64	1541.28
6/15/2021 16:00	1.96	3.3	141.52	1495.82
6/15/2021 17:00	2.17	2.92	132.83	1450.97
6/15/2021 18:00	2.16	2.63	127.23	1417.93
6/15/2021 19:00	2.09	2.45	122.38	1403.41
6/15/2021 20:00	2.02	2.27	116.64	1389.47
6/15/2021 21:00	1.83	2.2	111.34	1361.35
6/15/2021 22:00	1.57	2.01	104.49	1332.18
6/15/2021 23:00	1.34	1.93	99.98	1294.4
6/16/2021 0:00	1.15	1.85	96.39	1267.6
6/16/2021 1:00	1.11	1.78	94.43	1237.69
6/16/2021 2:00	1.06	1.73	93.42	1210.94
6/16/2021 3:00	1.01	1.75	93.08	1194.54
6/16/2021 4:00	1	1.74	96.68	1219.48
6/16/2021 5:00	1.09	1.78	104.01	1297.27
6/16/2021 6:00	1.24	2.04	118.64	1398.78
6/16/2021 7:00	1.34	2.58	131.16	1468.59
6/16/2021 8:00	1.39	2.75	138.31	1499.96
6/16/2021 9:00	1.39	2.95	142.36	1518.3
6/16/2021 10:00	1.47	3.19	145.24	1511.46
6/16/2021 11:00	1.5	3.35	146.92	1504.59
6/16/2021 12:00	1.52	3.22	145.88	1505.29
6/16/2021 13:00	1.49	3.39	147.58	1536.33
6/16/2021 14:00	1.5	3.34	146.7	1503.49
6/16/2021 15:00	1.59	3.22	142.53	1471.16
6/16/2021 16:00	1.62	2.95	134.5	1430.9
6/16/2021 17:00	1.75	2.74	127.82	1401.15
6/16/2021 18:00	1.74	2.5	123.03	1377.83
6/16/2021 19:00	1.76	2.37	118.27	1370.47
6/16/2021 20:00	1.72	2.14	111.62	1342.05
6/16/2021 21:00	1.63	2.02	106.78	1307.75
6/16/2021 22:00	1.4	1.85	99.74	1289.79
6/16/2021 23:00	1.2	1.73	95.48	1252.91
6/17/2021 0:00	1.12	1.6	91.91	1215.68
6/17/2021 1:00	1.04	1.55	89.97	1194.6
6/17/2021 2:00	0.97	1.53	88.28	1165.41
6/17/2021 3:00	0.91	1.53	88.9	1170.1
6/17/2021 4:00	0.94	1.56	92.79	1201.69
6/17/2021 5:00	1.01	1.62	100.76	1260.96
6/17/2021 6:00	1.16	1.93	114.49	1378.69
6/17/2021 7:00	1.27	2.46	127.48	1453.23
6/17/2021 8:00	1.36	2.7	135.92	1494.75
6/17/2021 9:00	1.36	2.89	141.32	1505.16

6/17/2021 10:00	1.4	3.17	145.65	1532.89
6/17/2021 11:00	1.48	3.34	147.96	1535.36
6/17/2021 12:00	1.47	3.37	147.04	1524.26
6/17/2021 13:00	1.49	3.45	150.24	1534.2
6/17/2021 14:00	1.51	3.44	149.03	1512.77
6/17/2021 15:00	1.69	3.36	145.44	1500.1
6/17/2021 16:00	1.66	3.23	138.43	1445.99
6/17/2021 17:00	1.93	2.97	132.19	1424.02
6/17/2021 18:00	1.88	2.7	127.26	1403.69
6/17/2021 19:00	1.82	2.49	121.88	1386.43
6/17/2021 20:00	1.76	2.43	114.88	1357.92
6/17/2021 21:00	1.69	2.54	108.09	1316.6
6/17/2021 22:00	1.45	2.38	100.44	1282.74
6/17/2021 23:00	1.26	2.16	95.9	1241.69
6/18/2021 0:00	1.16	2.04	92.54	1202.98
6/18/2021 1:00	1.1	1.72	89.84	1173.9
6/18/2021 2:00	1.02	1.63	88.5	1154.94
6/18/2021 3:00	0.96	1.64	88.52	1150.91
6/18/2021 4:00	0.99	1.66	92.22	1177.92
6/18/2021 5:00	1.05	1.74	98.44	1249.26
6/18/2021 6:00	1.19	2.01	111.35	1327.42
6/18/2021 7:00	1.29	2.48	123.9	1398.22
6/18/2021 8:00	1.34	2.75	133	1441
6/18/2021 9:00	1.45	2.97	139.89	1453.02
6/18/2021 10:00	1.45	3.31	145.56	1483.91
6/18/2021 11:00	1.49	3.47	148.09	1490.97
6/18/2021 12:00	1.55	3.52	147.99	1471.41
6/18/2021 13:00	1.59	3.59	149.84	1482.74
6/18/2021 14:00	1.71	3.63	149.26	1452.32
6/18/2021 15:00	1.84	3.41	144.55	1423.15
6/18/2021 16:00	1.92	3.32	139.49	1402.5
6/18/2021 17:00	2.1	3.02	133.86	1386.03
6/18/2021 18:00	2.09	2.79	128.15	1351.16
6/18/2021 19:00	2.06	2.66	122	1331.62
6/18/2021 20:00	1.98	2.79	117.61	1311.36
6/18/2021 21:00	1.88	2.81	110.72	1275.02
6/18/2021 22:00	1.78	2.63	104	1217.14
6/18/2021 23:00	1.53	2.43	98.48	1166.21
6/19/2021 0:00	1.37	2.31	94.39	1116.09
6/19/2021 1:00	1.25	2.24	92.99	1098.15
6/19/2021 2:00	1.16	2.1	91.98	1079.63
6/19/2021 3:00	1.13	1.9	91.65	1071.81
6/19/2021 4:00	1.1	1.77	92.84	1081.69
6/19/2021 5:00	1.11	1.76	96.42	1103.91
6/19/2021 6:00	1.24	1.85	101.91	1122.74
6/19/2021 7:00	1.43	2.18	105.46	1141.03
6/19/2021 8:00	1.55	2.4	109.98	1157.19
6/19/2021 9:00	1.78	2.6	116.29	1158.66
6/19/2021 10:00	1.99	2.78	122.54	1175.45
6/19/2021 11:00	2.13	3.06	126.04	1174.48
6/19/2021 12:00	2.27	3.15	126.65	1181.9
6/19/2021 13:00	2.37	3.17	128.35	1188.18
6/19/2021 14:00	2.48	3.17	128.26	1178.29

6/19/2021 15:00	2.5	3.14	126.21	1161.26
6/19/2021 16:00	2.52	3.06	123.24	1135.22
6/19/2021 17:00	2.56	2.85	119.54	1108.37
6/19/2021 18:00	2.57	2.77	115.7	1096.94
6/19/2021 19:00	2.46	2.66	111.53	1072.4
6/19/2021 20:00	2.3	2.61	108.21	1064.58
6/19/2021 21:00	2.28	2.84	102.86	1058.84
6/19/2021 22:00	2.13	2.68	97.67	1040.82
6/19/2021 23:00	1.84	2.51	94.38	1021.3
6/20/2021 0:00	1.71	2.35	91.67	1012.53
6/20/2021 1:00	1.51	2.27	90.06	1003.75
6/20/2021 2:00	1.44	2.13	88.81	988.47
6/20/2021 3:00	1.35	1.91	88.11	979.23
6/20/2021 4:00	1.27	1.8	88.65	985.18
6/20/2021 5:00	1.25	1.72	89.39	995.48
6/20/2021 6:00	1.42	1.84	93.14	1013.25
6/20/2021 7:00	1.66	2.01	98.51	1018.08
6/20/2021 8:00	1.94	2.17	104.27	1031.52
6/20/2021 9:00	2.18	2.35	109.33	1047.12
6/20/2021 10:00	2.26	2.62	114.12	1056.23
6/20/2021 11:00	2.42	2.85	118.79	1063.27
6/20/2021 12:00	2.48	2.96	121.31	1077.21
6/20/2021 13:00	2.6	2.99	122.26	1084.33
6/20/2021 14:00	2.72	3	123.35	1088.66
6/20/2021 15:00	2.82	3.04	123.65	1080.71
6/20/2021 16:00	2.85	2.89	122.65	1085.74
6/20/2021 17:00	2.96	2.84	120.01	1084.35
6/20/2021 18:00	2.96	2.75	116.56	1074.31
6/20/2021 19:00	2.84	2.65	111.82	1064.3
6/20/2021 20:00	2.78	2.56	106.28	1061.63
6/20/2021 21:00	2.54	2.72	102.95	1062.42
6/20/2021 22:00	2.36	2.63	99.22	1057.42
6/20/2021 23:00	1.97	2.5	97.55	1085.09
6/21/2021 0:00	1.78	2.38	95.91	1109.83
6/21/2021 1:00	1.6	2.28	95.05	1111.98
6/21/2021 2:00	1.48	2.17	94.4	1104.86
6/21/2021 3:00	1.37	1.96	95.84	1131.12
6/21/2021 4:00	1.34	1.88	101.11	1194.04
6/21/2021 5:00	1.4	1.96	111.12	1280.42
6/21/2021 6:00	1.53	2.43	128.9	1409.15
6/21/2021 7:00	1.67	3.07	144.59	1507.28
6/21/2021 8:00	1.9	3.52	156.54	1569.79
6/21/2021 9:00	2.03	3.95	164.73	1607.24
6/21/2021 10:00	2.32	4.21	173.07	1663.83
6/21/2021 11:00	2.54	4.53	178.17	1676.28
6/21/2021 12:00	2.74	4.63	178.16	1683.83
6/21/2021 13:00	2.84	4.53	180.88	1714.19
6/21/2021 14:00	3.05	4.45	179.64	1668.94
6/21/2021 15:00	3.24	4.33	174.3	1635.74
6/21/2021 16:00	3.32	4.05	165.53	1597.03
6/21/2021 17:00	3.36	3.72	157.49	1563.12
6/21/2021 18:00	3.3	3.37	150.8	1528.65
6/21/2021 19:00	3.21	3.09	143.02	1503.33

6/21/2021 20:00	2.95	2.99	136.83	1483.95
6/21/2021 21:00	2.87	3.13	128.87	1449.57
6/21/2021 22:00	2.41	2.94	121.74	1424.6
6/21/2021 23:00	2.15	2.73	116.83	1385.57
6/22/2021 0:00	1.98	2.66	112.92	1353.93
6/22/2021 1:00	1.85	2.46	110.49	1327.65
6/22/2021 2:00	1.73	2.29	108.81	1311.59
6/22/2021 3:00	1.66	2.14	109.14	1310.6
6/22/2021 4:00	1.66	2.14	113.28	1360.98
6/22/2021 5:00	1.7	2.28	123.02	1441.61
6/22/2021 6:00	1.75	2.74	138.17	1562.08
6/22/2021 7:00	1.92	3.19	150.88	1636.92
6/22/2021 8:00	2.03	3.59	159	1643.63
6/22/2021 9:00	1.98	3.74	163.19	1657.68
6/22/2021 10:00	2.06	4.15	166.1	1654.86
6/22/2021 11:00	2.11	4.18	165.86	1656.28
6/22/2021 12:00	2	3.95	160.73	1627.5
6/22/2021 13:00	1.92	3.93	157.4	1608.14
6/22/2021 14:00	1.9	3.7	151.8	1552.63
6/22/2021 15:00	1.76	3.44	143.96	1495.97
6/22/2021 16:00	1.9	3.11	135.97	1428.29
6/22/2021 17:00	2.17	2.7	128.62	1392.29
6/22/2021 18:00	2.07	2.57	123.7	1354.22
6/22/2021 19:00	1.92	2.48	119.56	1354.83
6/22/2021 20:00	1.95	2.33	115.47	1346.94
6/22/2021 21:00	1.76	2.18	109.51	1310.97
6/22/2021 22:00	1.6	2.05	103.58	1288.39
6/22/2021 23:00	1.37	1.98	99.34	1263.11
6/23/2021 0:00	1.21	1.82	95.39	1224.23
6/23/2021 1:00	1.09	1.75	92.84	1186.93
6/23/2021 2:00	1.03	1.71	91.28	1155.39
6/23/2021 3:00	0.98	1.71	91.58	1160.89
6/23/2021 4:00	0.99	1.76	95.13	1185.83
6/23/2021 5:00	1.08	1.87	102.78	1240.62
6/23/2021 6:00	1.2	2.16	115.73	1347.93
6/23/2021 7:00	1.24	2.58	125.95	1443.19
6/23/2021 8:00	1.38	2.87	133.2	1470.51
6/23/2021 9:00	1.31	3.06	136.55	1482.83
6/23/2021 10:00	1.4	3.26	140.85	1503.01
6/23/2021 11:00	1.46	3.46	143.14	1516.81
6/23/2021 12:00	1.42	3.39	143	1503.83
6/23/2021 13:00	1.44	3.47	145.74	1503.72
6/23/2021 14:00	1.51	3.5	145.07	1498.39
6/23/2021 15:00	1.57	3.32	142.06	1462.71
6/23/2021 16:00	1.69	3.09	135.07	1410.21
6/23/2021 17:00	1.86	2.87	128.16	1390.31
6/23/2021 18:00	1.88	2.64	123.72	1368.17
6/23/2021 19:00	1.81	2.44	118.5	1356.86
6/23/2021 20:00	1.67	2.38	112.9	1327.3
6/23/2021 21:00	1.67	2.61	106.1	1290.41
6/23/2021 22:00	1.44	2.36	99.17	1276.89
6/23/2021 23:00	1.24	2.18	94.72	1245.85
6/24/2021 0:00	1.1	1.9	92.14	1209.52

6/24/2021 1:00	0.99	1.68	90.01	1177.57
6/24/2021 2:00	0.96	1.73	88.96	1163.01
6/24/2021 3:00	0.93	1.62	89.54	1159.4
6/24/2021 4:00	0.94	1.68	93.41	1191.38
6/24/2021 5:00	1.06	1.74	100.32	1251
6/24/2021 6:00	1.15	2.1	113.58	1343.25
6/24/2021 7:00	1.22	2.65	124.85	1433.77
6/24/2021 8:00	1.32	2.96	134.11	1463.46
6/24/2021 9:00	1.39	3.05	139.82	1485.6
6/24/2021 10:00	1.49	3.38	147.07	1501.27
6/24/2021 11:00	1.61	3.51	149.38	1511.64
6/24/2021 12:00	1.56	3.55	149.36	1506.11
6/24/2021 13:00	1.55	3.73	152.65	1545.3
6/24/2021 14:00	1.67	3.74	151.65	1515.43
6/24/2021 15:00	1.77	3.67	148.55	1486.72
6/24/2021 16:00	1.92	3.35	139.72	1430.12
6/24/2021 17:00	2.09	3.05	131.95	1402.77
6/24/2021 18:00	1.98	2.84	125.42	1373.09
6/24/2021 19:00	1.84	2.62	119.41	1359.43
6/24/2021 20:00	1.75	2.66	113.41	1327.93
6/24/2021 21:00	1.59	2.72	106.66	1305.73
6/24/2021 22:00	1.44	2.52	99.97	1282.95
6/24/2021 23:00	1.24	2.37	95.33	1227.71
6/25/2021 0:00	1.14	2.23	92.6	1203.1
6/25/2021 1:00	1.09	2.21	90.92	1184.62
6/25/2021 2:00	1.01	2.23	90.11	1178.2
6/25/2021 3:00	0.98	2.22	90.83	1178.51
6/25/2021 4:00	1.01	2.08	94.96	1197.94
6/25/2021 5:00	1.08	2	103.07	1263.22
6/25/2021 6:00	1.17	2.23	115.89	1366.96
6/25/2021 7:00	1.26	2.6	125.51	1430
6/25/2021 8:00	1.28	2.92	131.79	1447.78
6/25/2021 9:00	1.36	3.08	134.92	1458.71
6/25/2021 10:00	1.37	3.24	138.53	1488.81
6/25/2021 11:00	1.52	3.32	139.67	1503.56
6/25/2021 12:00	1.52	3.35	138.99	1473.83
6/25/2021 13:00	1.41	3.28	141.04	1461.03
6/25/2021 14:00	1.4	3.3	138.77	1429.34
6/25/2021 15:00	1.37	3.08	133.55	1398.03
6/25/2021 16:00	1.5	2.99	129.5	1366.96
6/25/2021 17:00	1.61	2.78	124.29	1340.28
6/25/2021 18:00	1.61	2.54	120.58	1320.26
6/25/2021 19:00	1.59	2.45	116.11	1300.12
6/25/2021 20:00	1.58	2.37	112.95	1274.21
6/25/2021 21:00	1.57	2.28	106.88	1234.61
6/25/2021 22:00	1.41	2.14	100.96	1197.06
6/25/2021 23:00	1.27	1.98	96.57	1146.27
6/26/2021 0:00	1.17	1.94	93.8	1113.45
6/26/2021 1:00	1.1	1.89	92.08	1107.61
6/26/2021 2:00	1.05	1.82	90.93	1090.05
6/26/2021 3:00	0.99	1.8	90.6	1080.45
6/26/2021 4:00	1	1.79	91.82	1082.16
6/26/2021 5:00	1.03	1.75	95.39	1090.03

6/26/2021 6:00	1.12	1.9	101.51	1105.96
6/26/2021 7:00	1.25	2.13	105.71	1122.39
6/26/2021 8:00	1.32	2.36	109.88	1136.17
6/26/2021 9:00	1.47	2.55	115.37	1149.49
6/26/2021 10:00	1.62	2.75	119.59	1165.51
6/26/2021 11:00	1.87	2.93	122.84	1178.12
6/26/2021 12:00	2	3.03	124.54	1196.53
6/26/2021 13:00	2.16	3.06	126.14	1199.47
6/26/2021 14:00	2.23	3.11	126.44	1196.9
6/26/2021 15:00	2.33	3.01	124.88	1186.75
6/26/2021 16:00	2.43	2.97	123.45	1180.86
6/26/2021 17:00	2.45	2.85	120.76	1167.77
6/26/2021 18:00	2.46	2.81	118.19	1161.51
6/26/2021 19:00	2.37	2.77	114.64	1144.38
6/26/2021 20:00	2.29	2.9	111.94	1137.55
6/26/2021 21:00	2.26	3.01	107.42	1121.54
6/26/2021 22:00	2.01	2.78	102.22	1110.49
6/26/2021 23:00	1.92	2.65	98.88	1090.39
6/27/2021 0:00	1.72	2.52	96.44	1084.93
6/27/2021 1:00	1.58	2.45	95.5	1079.71
6/27/2021 2:00	1.5	2.15	94.31	1070.02
6/27/2021 3:00	1.47	2.1	93.82	1064.18
6/27/2021 4:00	1.4	2.08	94.51	1066.27
6/27/2021 5:00	1.41	2.02	96.16	1065.81
6/27/2021 6:00	1.53	2.06	100.58	1073.61
6/27/2021 7:00	1.74	2.24	105.6	1077.43
6/27/2021 8:00	1.97	2.37	110.52	1090.4
6/27/2021 9:00	2.27	2.59	116.77	1102.52
6/27/2021 10:00	2.75	2.83	123.27	1120.32
6/27/2021 11:00	2.86	3.08	127.95	1130.14
6/27/2021 12:00	2.94	3.17	131.16	1130.25
6/27/2021 13:00	3.04	3.4	133.35	1142.88
6/27/2021 14:00	3.29	3.42	134.37	1158.96
6/27/2021 15:00	3.26	3.35	135.39	1157.08
6/27/2021 16:00	3.35	3.33	134.6	1162.52
6/27/2021 17:00	3.34	3.19	131.63	1157.4
6/27/2021 18:00	3.47	3.12	127.04	1157.31
6/27/2021 19:00	3.32	2.97	121.51	1154.34
6/27/2021 20:00	3.12	3.01	117.01	1147.28
6/27/2021 21:00	2.9	3.17	113.39	1151.21
6/27/2021 22:00	2.73	3	110.46	1149.19
6/27/2021 23:00	2.44	2.81	107.41	1169.74
6/28/2021 0:00	2.14	2.69	105.42	1182.57
6/28/2021 1:00	1.98	2.53	104.42	1180.3
6/28/2021 2:00	1.89	2.33	103.83	1192.38
6/28/2021 3:00	1.81	2.22	105.31	1207.69
6/28/2021 4:00	1.78	2.26	110.78	1249.13
6/28/2021 5:00	1.79	2.31	120.64	1346.23
6/28/2021 6:00	1.93	2.88	137.38	1459.92
6/28/2021 7:00	2.14	3.57	153.73	1566.65
6/28/2021 8:00	2.36	4.13	165.38	1622.2
6/28/2021 9:00	2.54	4.43	173.92	1650.81
6/28/2021 10:00	2.79	4.59	181.58	1698.69

6/28/2021 11:00	3.12	4.73	186.03	1721.31
6/28/2021 12:00	3.25	4.79	186.47	1735.89
6/28/2021 13:00	3.35	4.96	188.76	1780.66
6/28/2021 14:00	3.51	4.87	187.66	1741.97
6/28/2021 15:00	3.61	4.72	181.94	1646.83
6/28/2021 16:00	3.64	4.44	173.48	1573.69
6/28/2021 17:00	3.87	4.03	165.53	1530.37
6/28/2021 18:00	3.9	3.78	159.9	1505.29
6/28/2021 19:00	3.75	3.6	153.47	1540.86
6/28/2021 20:00	3.53	3.4	147.21	1544.43
6/28/2021 21:00	3.3	3.2	139.33	1528.06
6/28/2021 22:00	3.02	2.93	130.81	1491.76
6/28/2021 23:00	2.63	2.77	125.06	1464.36
6/29/2021 0:00	2.46	2.69	120.86	1443.99
6/29/2021 1:00	2.29	2.7	118.43	1402.18
6/29/2021 2:00	2.15	2.78	117.25	1386.75
6/29/2021 3:00	2.04	2.95	117.31	1379.36
6/29/2021 4:00	2.01	2.84	121.6	1407.54
6/29/2021 5:00	2.05	2.75	130.28	1498.55
6/29/2021 6:00	2.14	3.1	146.83	1619.34
6/29/2021 7:00	2.42	3.82	162.74	1708.02
6/29/2021 8:00	2.65	4.29	173.07	1759.14
6/29/2021 9:00	2.71	4.63	178.8	1759.09
6/29/2021 10:00	2.88	4.88	185.23	1790.58
6/29/2021 11:00	3.18	4.87	188.59	1794.37
6/29/2021 12:00	3.27	4.94	188.04	1792.29
6/29/2021 13:00	3.47	5.06	190.16	1801.45
6/29/2021 14:00	3.47	5.01	188.96	1751.7
6/29/2021 15:00	3.61	4.92	183.61	1632.74
6/29/2021 16:00	3.65	4.56	173.35	1530.08
6/29/2021 17:00	3.64	4.03	163.81	1493.04
6/29/2021 18:00	3.64	3.73	156.71	1465.48
6/29/2021 19:00	3.53	3.61	152.21	1517.81
6/29/2021 20:00	3.35	3.44	146.83	1539.42
6/29/2021 21:00	3.15	3.18	138.86	1538.84
6/29/2021 22:00	2.88	2.9	130.87	1506.71
6/29/2021 23:00	2.58	2.79	124.34	1475.35
6/30/2021 0:00	2.37	2.73	119.8	1432.22
6/30/2021 1:00	2.18	2.88	117.6	1405.43
6/30/2021 2:00	2.06	2.87	116.28	1375.99
6/30/2021 3:00	1.93	2.85	116.7	1374.46
6/30/2021 4:00	1.87	2.64	120.89	1396.35
6/30/2021 5:00	1.95	2.53	130.14	1476.55
6/30/2021 6:00	2.06	2.99	146.05	1570.06
6/30/2021 7:00	2.28	3.63	161.33	1662.62
6/30/2021 8:00	2.38	4.07	171.23	1706.01
6/30/2021 9:00	2.54	4.35	177.57	1714.62
6/30/2021 10:00	2.76	4.7	183.92	1740.72
6/30/2021 11:00	2.97	4.76	187.95	1760.53
6/30/2021 12:00	3.08	4.78	187.72	1749.27
6/30/2021 13:00	3.3	4.93	190.37	1760.93
6/30/2021 14:00	3.36	5.02	187.9	1673.35
6/30/2021 15:00	3.41	4.82	181.51	1521.84

6/30/2021 16:00	3.38	4.27	166.75	1432.48
6/30/2021 17:00	3.12	3.6	148.7	1325.96
6/30/2021 18:00	2.93	3.26	140.31	1341.5
6/30/2021 19:00	2.87	3.12	136.06	1385.99
6/30/2021 20:00	2.76	3.03	131	1392.57
6/30/2021 21:00	2.49	2.86	125.55	1396.94
6/30/2021 22:00	2.24	2.59	119.36	1377.31
6/30/2021 23:00	2.09	2.4	114.33	1382.45
7/1/2021 0:00	1.94	2.35	111	1355.78
7/1/2021 1:00	1.78	2.28	109.09	1335.84
7/1/2021 2:00	1.69	2.24	107.94	1308.61
7/1/2021 3:00	1.61	2.23	108.75	1315.72
7/1/2021 4:00	1.61	2.27	112.69	1333.41
7/1/2021 5:00	1.64	2.35	122.11	1416.45
7/1/2021 6:00	1.7	2.66	136.61	1519.68
7/1/2021 7:00	1.88	3.21	148.72	1600.87
7/1/2021 8:00	1.98	3.46	155.92	1627.12
7/1/2021 9:00	2.07	3.7	160.57	1633.95
7/1/2021 10:00	2.15	3.94	164.66	1651.07
7/1/2021 11:00	2.15	4.04	166.15	1629.83
7/1/2021 12:00	2.26	3.99	163.8	1607.63
7/1/2021 13:00	2.31	4.08	166.16	1624.34
7/1/2021 14:00	2.37	4.1	164.12	1601.43
7/1/2021 15:00	2.38	3.86	158.87	1566.16
7/1/2021 16:00	2.42	3.55	150.11	1505.68
7/1/2021 17:00	2.45	3.23	141.15	1463.68
7/1/2021 18:00	2.53	3.07	134.48	1439.75
7/1/2021 19:00	2.39	2.93	129.49	1409.47
7/1/2021 20:00	2.31	2.75	124.07	1385.91
7/1/2021 21:00	1.99	2.57	117	1348.47
7/1/2021 22:00	1.79	2.25	110.6	1315.82
7/1/2021 23:00	1.67	2.11	106.2	1292.57
7/2/2021 0:00	1.47	2.01	102.7	1258.92
7/2/2021 1:00	1.41	1.94	100.32	1215.1
7/2/2021 2:00	1.29	1.88	99.42	1207.66
7/2/2021 3:00	1.23	1.86	100.42	1212.25
7/2/2021 4:00	1.22	1.89	103.43	1209.51
7/2/2021 5:00	1.28	1.95	110.43	1260.88
7/2/2021 6:00	1.29	2.15	120.15	1322.53
7/2/2021 7:00	1.38	2.67	127.34	1337.76
7/2/2021 8:00	1.49	2.87	131.7	1347.58
7/2/2021 9:00	1.58	2.85	132.68	1365
7/2/2021 10:00	1.64	2.96	132.95	1371.18
7/2/2021 11:00	1.61	3.01	132.47	1343.19
7/2/2021 12:00	1.65	2.89	129.76	1303.84
7/2/2021 13:00	1.62	2.91	129.13	1286.35
7/2/2021 14:00	1.57	2.92	125.88	1259.75
7/2/2021 15:00	1.52	2.71	120.24	1225.33
7/2/2021 16:00	1.61	2.53	115.6	1188.57
7/2/2021 17:00	1.75	2.24	111.2	1162.6
7/2/2021 18:00	1.71	2.13	107.81	1140.65
7/2/2021 19:00	1.57	2.08	105.34	1120.76
7/2/2021 20:00	1.6	1.99	102.8	1114.68

7/2/2021 21:00	1.57	1.89	97.65	1094.75
7/2/2021 22:00	1.42	1.8	92.44	1048.9
7/2/2021 23:00	1.2	1.73	88.67	1003.8
7/3/2021 0:00	1.12	1.68	85.42	989.68
7/3/2021 1:00	1.08	1.64	84.22	969.01
7/3/2021 2:00	1.03	1.61	83.27	956.74
7/3/2021 3:00	0.95	1.61	83.39	944.99
7/3/2021 4:00	0.94	1.6	84.76	939.88
7/3/2021 5:00	0.97	1.59	87.62	933.32
7/3/2021 6:00	1.05	1.61	91.18	921.8
7/3/2021 7:00	1.2	1.71	93.39	911.73
7/3/2021 8:00	1.35	1.79	95.36	911.14
7/3/2021 9:00	1.45	1.87	96.93	909.94
7/3/2021 10:00	1.58	2	97.98	905.26
7/3/2021 11:00	1.63	2.05	98.34	899.59
7/3/2021 12:00	1.64	2.03	97.67	901.57
7/3/2021 13:00	1.64	2.02	97.23	910.82
7/3/2021 14:00	1.57	1.97	96.84	895.92
7/3/2021 15:00	1.56	2	96.13	887.35
7/3/2021 16:00	1.59	1.98	95.92	876.8
7/3/2021 17:00	1.66	1.96	94.48	876.63
7/3/2021 18:00	1.65	1.96	93.19	863.93
7/3/2021 19:00	1.54	1.98	92.09	850.84
7/3/2021 20:00	1.51	1.97	90.97	847.31
7/3/2021 21:00	1.39	1.85	88.19	837.18
7/3/2021 22:00	1.32	1.74	84.68	836.75
7/3/2021 23:00	1.17	1.7	82.28	836.56
7/4/2021 0:00	1.11	1.65	80.73	833.4
7/4/2021 1:00	1.02	1.58	79.83	830.23
7/4/2021 2:00	0.99	1.59	79.28	822.73
7/4/2021 3:00	0.94	1.53	79.09	816.24
7/4/2021 4:00	0.91	1.55	80.11	816.13
7/4/2021 5:00	0.95	1.5	80.43	817.43
7/4/2021 6:00	1.02	1.51	82.33	810.02
7/4/2021 7:00	1.15	1.58	84.96	807.75
7/4/2021 8:00	1.36	1.61	87.4	817.89
7/4/2021 9:00	1.53	1.68	89.81	822.32
7/4/2021 10:00	1.53	1.79	91.9	826.3
7/4/2021 11:00	1.57	1.89	94.02	829.6
7/4/2021 12:00	1.6	2.02	95.2	828.07
7/4/2021 13:00	1.51	2	96.87	834.05
7/4/2021 14:00	1.47	2.02	97.58	832.47
7/4/2021 15:00	1.5	2.06	98.38	837.5
7/4/2021 16:00	1.61	2.04	98.04	843.2
7/4/2021 17:00	1.76	2.02	96.94	842.87
7/4/2021 18:00	1.65	1.99	93.88	838.59
7/4/2021 19:00	1.57	1.98	91.28	826.26
7/4/2021 20:00	1.47	1.91	88.83	822.47
7/4/2021 21:00	1.45	1.83	86.13	813.12
7/4/2021 22:00	1.33	1.77	84.01	807.97
7/4/2021 23:00	1.25	1.71	81.72	799.34
7/5/2021 0:00	1.13	1.65	79.92	796.89
7/5/2021 1:00	1.03	1.55	79.32	793.57

7/5/2021 2:00	0.98	1.53	78.92	787.56
7/5/2021 3:00	0.95	1.54	79.27	783.84
7/5/2021 4:00	0.94	1.55	81.35	788.36
7/5/2021 5:00	0.96	1.57	84.37	808.25
7/5/2021 6:00	1.03	1.65	88.84	827.99
7/5/2021 7:00	1.18	1.76	92	819.45
7/5/2021 8:00	1.3	1.88	95.06	824.65
7/5/2021 9:00	1.41	2.05	98.39	842.27
7/5/2021 10:00	1.48	2.28	102.46	863.56
7/5/2021 11:00	1.66	2.33	106.09	897.94
7/5/2021 12:00	1.71	2.41	109.15	922.5
7/5/2021 13:00	1.65	2.51	111.98	929.84
7/5/2021 14:00	1.9	2.58	113.09	939.43
7/5/2021 15:00	1.84	2.61	114.52	941.86
7/5/2021 16:00	1.91	2.62	114.13	950.77
7/5/2021 17:00	2.1	2.58	112.77	967.33
7/5/2021 18:00	2	2.48	109.83	976.8
7/5/2021 19:00	1.94	2.39	105.52	971.89
7/5/2021 20:00	1.91	2.28	101.13	957.91
7/5/2021 21:00	1.84	2.14	96.99	961.83
7/5/2021 22:00	1.74	1.99	92.72	969.77
7/5/2021 23:00	1.54	1.9	90.82	982.46
7/6/2021 0:00	1.33	1.79	89.91	999.22
7/6/2021 1:00	1.24	1.73	89.76	1004.22
7/6/2021 2:00	1.16	1.72	89.33	992.17
7/6/2021 3:00	1.12	1.72	90.72	1003.04
7/6/2021 4:00	1.14	1.79	94.96	1055.35
7/6/2021 5:00	1.18	1.89	104.67	1130.08
7/6/2021 6:00	1.34	2.36	118.75	1257.45
7/6/2021 7:00	1.54	2.86	131.01	1361.52
7/6/2021 8:00	1.57	3.04	140.85	1403.98
7/6/2021 9:00	1.63	3.33	145.39	1440.46
7/6/2021 10:00	1.69	3.58	149.44	1468.62
7/6/2021 11:00	1.82	3.71	153.44	1485.82
7/6/2021 12:00	1.94	3.81	157.5	1507.46
7/6/2021 13:00	2.11	3.99	163.48	1546.51
7/6/2021 14:00	2.35	4.08	165.39	1555.78
7/6/2021 15:00	2.57	4.01	163.66	1567.67
7/6/2021 16:00	2.81	3.79	158.36	1493.17
7/6/2021 17:00	3	3.44	150.1	1452.61
7/6/2021 18:00	3.04	3.15	142.83	1429.26
7/6/2021 19:00	2.98	2.99	135.94	1403.95
7/6/2021 20:00	2.78	2.8	129.92	1373.72
7/6/2021 21:00	2.6	2.56	122.56	1350.61
7/6/2021 22:00	2.29	2.35	115.47	1321.07
7/6/2021 23:00	2.03	2.27	110.49	1282.49
7/7/2021 0:00	1.83	2.09	106.43	1260.46
7/7/2021 1:00	1.66	2.02	104.48	1245.09
7/7/2021 2:00	1.56	1.98	102.98	1222.53
7/7/2021 3:00	1.45	1.95	103.32	1221.09
7/7/2021 4:00	1.39	2	106.82	1250.55
7/7/2021 5:00	1.43	2.17	115.17	1305.44
7/7/2021 6:00	1.52	2.51	130.3	1407.67

7/7/2021 7:00	1.77	3.03	144.14	1515.35
7/7/2021 8:00	1.91	3.44	153.31	1545.61
7/7/2021 9:00	2.11	3.75	159.33	1564.87
7/7/2021 10:00	2.25	4.04	164.75	1596.89
7/7/2021 11:00	2.45	4.2	168.97	1609.92
7/7/2021 12:00	2.52	4.19	169.49	1608.94
7/7/2021 13:00	2.66	4.19	171.81	1619.38
7/7/2021 14:00	2.76	4.17	170.71	1611.33
7/7/2021 15:00	2.74	3.96	165.51	1600.64
7/7/2021 16:00	2.82	3.66	157.45	1530.29
7/7/2021 17:00	3.04	3.44	149.62	1500.53
7/7/2021 18:00	2.94	3.15	141.32	1465.27
7/7/2021 19:00	2.69	2.91	134.48	1431.55
7/7/2021 20:00	2.56	2.87	129.06	1396.77
7/7/2021 21:00	2.5	2.7	120.83	1357.16
7/7/2021 22:00	2.12	2.36	112.44	1329.31
7/7/2021 23:00	1.86	2.12	107.16	1283.77
7/8/2021 0:00	1.67	2.02	104.16	1261.45
7/8/2021 1:00	1.53	1.94	101.47	1232.4
7/8/2021 2:00	1.44	1.88	99.97	1208.74
7/8/2021 3:00	1.35	1.88	99.94	1191.59
7/8/2021 4:00	1.32	1.92	103.04	1208.26
7/8/2021 5:00	1.35	2	111.03	1267.13
7/8/2021 6:00	1.4	2.33	122.41	1359.4
7/8/2021 7:00	1.41	2.86	132.49	1434.46
7/8/2021 8:00	1.51	3.16	138.39	1449.35
7/8/2021 9:00	1.57	3.26	142.23	1438.69
7/8/2021 10:00	1.57	3.44	143.51	1451.09
7/8/2021 11:00	1.63	3.5	145.51	1407.09
7/8/2021 12:00	1.71	3.43	145.13	1414.09
7/8/2021 13:00	1.66	3.38	145.86	1432.13
7/8/2021 14:00	1.69	3.26	142.43	1426.34
7/8/2021 15:00	1.62	3.04	137.59	1398.14
7/8/2021 16:00	1.75	2.78	130.27	1356.94
7/8/2021 17:00	1.84	2.56	122.78	1335.82
7/8/2021 18:00	1.83	2.33	117.76	1315.15
7/8/2021 19:00	1.72	2.23	114.35	1295.32
7/8/2021 20:00	1.62	2.14	111.11	1282.98
7/8/2021 21:00	1.59	2.01	106.25	1276.21
7/8/2021 22:00	1.51	1.86	101.19	1250.46
7/8/2021 23:00	1.25	1.74	97.48	1229.03
7/9/2021 0:00	1.15	1.66	95.53	1195.05
7/9/2021 1:00	1.07	1.62	93.97	1179.89
7/9/2021 2:00	1.03	1.61	93.3	1162.95
7/9/2021 3:00	0.97	1.6	93.8	1166.86
7/9/2021 4:00	1	1.63	97.36	1190.79
7/9/2021 5:00	1.05	1.75	105.75	1243.87
7/9/2021 6:00	1.2	2.12	116.5	1312.77
7/9/2021 7:00	1.35	2.51	125.34	1366.62
7/9/2021 8:00	1.36	2.73	131.58	1390.09
7/9/2021 9:00	1.42	2.82	134.39	1391.7
7/9/2021 10:00	1.5	3	137.17	1401.87
7/9/2021 11:00	1.48	3.1	137.71	1405.38

7/9/2021 12:00	1.59	2.95	136.65	1385.08
7/9/2021 13:00	1.64	3.04	137.24	1399.26
7/9/2021 14:00	1.58	3.01	135.12	1389.4
7/9/2021 15:00	1.54	2.86	131.97	1362.21
7/9/2021 16:00	1.65	2.82	129.95	1330.91
7/9/2021 17:00	1.83	2.69	126.95	1321.49
7/9/2021 18:00	1.83	2.57	124.63	1304.99
7/9/2021 19:00	1.75	2.46	121.59	1303.03
7/9/2021 20:00	1.86	2.32	117.14	1284.37
7/9/2021 21:00	1.72	2.3	110.74	1257.45
7/9/2021 22:00	1.59	2.08	104.4	1221.3
7/9/2021 23:00	1.4	1.92	100.14	1178.85
7/10/2021 0:00	1.29	1.8	96.57	1146.98
7/10/2021 1:00	1.28	1.75	94.46	1125.59
7/10/2021 2:00	1.15	1.68	92.72	1100.07
7/10/2021 3:00	1.14	1.67	91.68	1087.48
7/10/2021 4:00	1.12	1.68	92.27	1093.38
7/10/2021 5:00	1.15	1.69	95.72	1097.5
7/10/2021 6:00	1.25	1.75	100.14	1116.37
7/10/2021 7:00	1.4	1.93	103.86	1111.37
7/10/2021 8:00	1.47	2.04	105.72	1114.71
7/10/2021 9:00	1.59	2.2	109.42	1113.6
7/10/2021 10:00	1.67	2.38	111.07	1120.02
7/10/2021 11:00	1.7	2.55	112.45	1113.53
7/10/2021 12:00	1.83	2.57	112.66	1106.79
7/10/2021 13:00	1.73	2.58	113.35	1106
7/10/2021 14:00	1.8	2.59	113.21	1109.36
7/10/2021 15:00	1.81	2.61	112.33	1108.04
7/10/2021 16:00	1.93	2.6	112.13	1099.25
7/10/2021 17:00	2.04	2.57	111.33	1110.71
7/10/2021 18:00	2.05	2.52	108.71	1094.75
7/10/2021 19:00	1.93	2.45	104.96	1066.39
7/10/2021 20:00	1.93	2.3	101.68	1055.47
7/10/2021 21:00	1.83	2.19	97.17	1037.24
7/10/2021 22:00	1.67	2.02	92.44	1025.29
7/10/2021 23:00	1.4	1.88	88.57	1010.98
7/11/2021 0:00	1.35	1.81	86.28	991.66
7/11/2021 1:00	1.29	1.73	84.83	982.45
7/11/2021 2:00	1.21	1.65	84.06	977.73
7/11/2021 3:00	1.12	1.63	83.77	973.46
7/11/2021 4:00	1.06	1.65	84.16	972.85
7/11/2021 5:00	1.05	1.6	85.17	972.32
7/11/2021 6:00	1.18	1.7	88.18	978.96
7/11/2021 7:00	1.38	1.85	92.72	990.88
7/11/2021 8:00	1.53	1.99	98.21	1009.34
7/11/2021 9:00	1.59	2.16	103.26	1039.85
7/11/2021 10:00	1.83	2.35	107.26	1048.27
7/11/2021 11:00	1.95	2.58	110.88	1065.23
7/11/2021 12:00	2.12	2.67	114.44	1077.66
7/11/2021 13:00	2.15	2.7	116.19	1067.92
7/11/2021 14:00	2.2	2.67	116.67	1051.3
7/11/2021 15:00	2.24	2.64	116.74	1043.21
7/11/2021 16:00	2.27	2.56	114.47	1048.33

7/11/2021 17:00	2.39	2.49	111.45	1041.64
7/11/2021 18:00	2.37	2.38	107.78	1036.39
7/11/2021 19:00	2.19	2.27	104.39	1019.23
7/11/2021 20:00	2.2	2.15	100.93	1014.83
7/11/2021 21:00	2.17	2.1	98.1	1019.35
7/11/2021 22:00	1.86	1.99	95.09	1020.15
7/11/2021 23:00	1.55	1.9	93.41	1047.79
7/12/2021 0:00	1.41	1.81	92.41	1059.87
7/12/2021 1:00	1.36	1.76	91.64	1057.03
7/12/2021 2:00	1.25	1.74	91.41	1049.9
7/12/2021 3:00	1.16	1.72	92.78	1073.18
7/12/2021 4:00	1.18	1.79	96.86	1131.61
7/12/2021 5:00	1.24	1.94	107.36	1206.76
7/12/2021 6:00	1.34	2.36	121.7	1312.52
7/12/2021 7:00	1.47	2.78	132.51	1409.68
7/12/2021 8:00	1.54	3.01	138.76	1440.56
7/12/2021 9:00	1.57	3.22	142.07	1457.48
7/12/2021 10:00	1.55	3.45	145.56	1499.03
7/12/2021 11:00	1.67	3.57	147.77	1504.31
7/12/2021 12:00	1.75	3.45	146.41	1503.37
7/12/2021 13:00	1.77	3.48	148.25	1530.65
7/12/2021 14:00	1.69	3.43	145.85	1520.61
7/12/2021 15:00	1.62	3.33	143.01	1499.05
7/12/2021 16:00	1.79	3.06	135.85	1457.93
7/12/2021 17:00	2.05	2.83	130.08	1426.72
7/12/2021 18:00	2.18	2.61	125.09	1396
7/12/2021 19:00	2.06	2.53	120.92	1394.17
7/12/2021 20:00	2	2.54	117.23	1384.13
7/12/2021 21:00	1.81	2.41	111.68	1350.91
7/12/2021 22:00	1.63	2.13	105.98	1336.09
7/12/2021 23:00	1.45	1.87	101.81	1317.62
7/13/2021 0:00	1.32	1.8	98.66	1302.73
7/13/2021 1:00	1.21	1.75	96.82	1289.78
7/13/2021 2:00	1.18	1.72	95.96	1274.1
7/13/2021 3:00	1.14	1.76	97.06	1277.05
7/13/2021 4:00	1.14	1.77	100.7	1306.04
7/13/2021 5:00	1.22	1.97	110.25	1369.46
7/13/2021 6:00	1.3	2.26	123.6	1474.08
7/13/2021 7:00	1.36	2.68	134.69	1537.56
7/13/2021 8:00	1.36	2.95	142.18	1557.19
7/13/2021 9:00	1.41	3.16	145.71	1562.27
7/13/2021 10:00	1.43	3.35	147.99	1578.69
7/13/2021 11:00	1.53	3.4	148.83	1574.71
7/13/2021 12:00	1.66	3.33	147.02	1572.79
7/13/2021 13:00	1.58	3.39	149.73	1575.74
7/13/2021 14:00	1.57	3.41	148.46	1549.48
7/13/2021 15:00	1.72	3.22	143.11	1522
7/13/2021 16:00	1.77	2.95	135.1	1471.03
7/13/2021 17:00	1.93	2.68	127.37	1444.72
7/13/2021 18:00	2.01	2.66	122.57	1423.28
7/13/2021 19:00	1.86	2.63	119.03	1407.73
7/13/2021 20:00	1.78	2.45	115.55	1378.21
7/13/2021 21:00	1.73	2.21	110.34	1347.46

7/13/2021 22:00	1.52	1.97	104.94	1337.03
7/13/2021 23:00	1.33	1.83	101.27	1316.38
7/14/2021 0:00	1.23	1.8	98.94	1299.92
7/14/2021 1:00	1.14	1.73	97.63	1283.77
7/14/2021 2:00	1.08	1.7	96.7	1266.38
7/14/2021 3:00	1.06	1.69	98.09	1266.81
7/14/2021 4:00	1.07	1.75	102.46	1311.63
7/14/2021 5:00	1.17	1.88	112.28	1380.48
7/14/2021 6:00	1.3	2.2	125.75	1484.49
7/14/2021 7:00	1.38	2.6	137.55	1570.26
7/14/2021 8:00	1.43	2.95	144.04	1601.38
7/14/2021 9:00	1.52	3.21	148.26	1603.66
7/14/2021 10:00	1.54	3.5	152.91	1616.25
7/14/2021 11:00	1.56	3.53	155.44	1622.47
7/14/2021 12:00	1.61	3.55	155.52	1605.07
7/14/2021 13:00	1.7	3.67	159.71	1629.48
7/14/2021 14:00	1.85	3.67	161.54	1610.42
7/14/2021 15:00	2.1	3.61	159.29	1592.23
7/14/2021 16:00	2.42	3.41	153.69	1559.33
7/14/2021 17:00	2.52	3.13	145.46	1529.86
7/14/2021 18:00	2.51	2.88	138.03	1485.03
7/14/2021 19:00	2.42	2.82	132.47	1477.94
7/14/2021 20:00	2.28	2.68	127.52	1474.31
7/14/2021 21:00	2.12	2.52	120.45	1431.19
7/14/2021 22:00	1.95	2.26	113.58	1397.89
7/14/2021 23:00	1.7	2	108.59	1365.09
7/15/2021 0:00	1.58	1.92	105.03	1336.76
7/15/2021 1:00	1.46	1.84	103.41	1314.25
7/15/2021 2:00	1.4	1.82	102.28	1288.86
7/15/2021 3:00	1.33	1.87	103.25	1299.19
7/15/2021 4:00	1.35	1.88	107.47	1345.2
7/15/2021 5:00	1.38	2.01	117.41	1411.66
7/15/2021 6:00	1.43	2.44	131.94	1526.26
7/15/2021 7:00	1.59	3.06	144.96	1620.67
7/15/2021 8:00	1.73	3.43	153.34	1652.59
7/15/2021 9:00	1.81	3.58	160.12	1665.71
7/15/2021 10:00	1.98	3.84	165.17	1695.33
7/15/2021 11:00	2.13	4.09	170.28	1719.44
7/15/2021 12:00	2.41	4.15	171.75	1722.97
7/15/2021 13:00	2.5	4.26	175.53	1731.5
7/15/2021 14:00	2.58	4.29	174.76	1701.8
7/15/2021 15:00	2.77	4.2	170.11	1665.78
7/15/2021 16:00	2.97	3.96	161.5	1595.82
7/15/2021 17:00	3.12	3.6	153.81	1570.3
7/15/2021 18:00	3.12	3.3	146.86	1545.32
7/15/2021 19:00	2.96	3.1	140.93	1520.77
7/15/2021 20:00	2.8	2.91	133.64	1490.95
7/15/2021 21:00	2.72	2.68	125.4	1443.23
7/15/2021 22:00	2.35	2.47	118.08	1429.09
7/15/2021 23:00	1.99	2.27	112.76	1389.8
7/16/2021 0:00	1.85	2.13	109.41	1364.2
7/16/2021 1:00	1.71	2.04	107.36	1329.7
7/16/2021 2:00	1.63	1.98	106.16	1320.74

7/16/2021 3:00	1.56	1.97	106.69	1316.93
7/16/2021 4:00	1.54	1.98	110.44	1346.1
7/16/2021 5:00	1.55	2.12	119.51	1414.27
7/16/2021 6:00	1.7	2.54	133.19	1522.61
7/16/2021 7:00	1.83	3.04	146.33	1596.2
7/16/2021 8:00	1.93	3.45	156.97	1633.51
7/16/2021 9:00	2.26	3.74	164.58	1654.19
7/16/2021 10:00	2.49	4.08	170.41	1676.23
7/16/2021 11:00	2.6	4.23	173.61	1670.23
7/16/2021 12:00	2.77	4.21	174.11	1646.57
7/16/2021 13:00	2.83	4.23	175.99	1629.62
7/16/2021 14:00	2.87	4.28	173.42	1603.09
7/16/2021 15:00	2.98	4.09	167.34	1569.93
7/16/2021 16:00	3.1	3.91	161.02	1531.6
7/16/2021 17:00	3.28	3.54	153.79	1504.07
7/16/2021 18:00	3.3	3.34	147.21	1456.26
7/16/2021 19:00	3.22	3.12	139.51	1437.96
7/16/2021 20:00	2.9	3.09	132.41	1397.24
7/16/2021 21:00	2.71	2.83	124.11	1343.77
7/16/2021 22:00	2.46	2.49	115.42	1281.44
7/16/2021 23:00	2.27	2.27	109.26	1214.74
7/17/2021 0:00	1.99	2.16	104.8	1187.6
7/17/2021 1:00	1.83	2.05	102.23	1159.84
7/17/2021 2:00	1.7	1.94	100.67	1138.82
7/17/2021 3:00	1.6	1.92	99.58	1135.26
7/17/2021 4:00	1.49	1.93	101.02	1140.65
7/17/2021 5:00	1.51	1.92	104.89	1157.28
7/17/2021 6:00	1.64	2.16	110.42	1164.96
7/17/2021 7:00	1.74	2.48	114.11	1165.68
7/17/2021 8:00	1.84	2.66	117.72	1154.46
7/17/2021 9:00	1.95	2.72	121.29	1160.25
7/17/2021 10:00	2.05	2.82	123.13	1158.58
7/17/2021 11:00	2.21	2.9	124.09	1149.04
7/17/2021 12:00	2.31	2.98	124.48	1148.8
7/17/2021 13:00	2.53	3.06	126.91	1146.3
7/17/2021 14:00	2.56	3.12	127.96	1152.26
7/17/2021 15:00	2.6	3.09	126.79	1150.3
7/17/2021 16:00	2.59	3	123.67	1149.45
7/17/2021 17:00	2.6	2.83	119.8	1131.25
7/17/2021 18:00	2.55	2.7	114.72	1107.1
7/17/2021 19:00	2.39	2.72	110.26	1091.4
7/17/2021 20:00	2.11	2.45	106.88	1066.83
7/17/2021 21:00	1.95	2.27	102.2	1049.24
7/17/2021 22:00	1.87	2.14	97.54	1034.95
7/17/2021 23:00	1.73	2.04	94.05	1041.59
7/18/2021 0:00	1.58	2.09	91.36	1045.14
7/18/2021 1:00	1.49	2.25	90.26	1026.17
7/18/2021 2:00	1.4	2.23	89.15	1020.51
7/18/2021 3:00	1.29	2.18	89.52	1026.94
7/18/2021 4:00	1.22	1.99	90.21	1027.95
7/18/2021 5:00	1.22	1.79	92.33	1041.74
7/18/2021 6:00	1.27	1.79	95.74	1048.42
7/18/2021 7:00	1.41	1.9	97.92	1041.2

7/18/2021 8:00	1.55	1.98	99.64	1046.68
7/18/2021 9:00	1.71	2.06	102.08	1051.19
7/18/2021 10:00	1.86	2.17	104.44	1050.5
7/18/2021 11:00	1.99	2.3	105.9	1061.48
7/18/2021 12:00	1.87	2.34	106.69	1056.95
7/18/2021 13:00	2.01	2.34	108.11	1060.14
7/18/2021 14:00	1.94	2.29	108	1043.11
7/18/2021 15:00	1.92	2.29	107.93	1027.13
7/18/2021 16:00	2.02	2.31	106.99	1031.94
7/18/2021 17:00	2.25	2.25	106.06	1029.78
7/18/2021 18:00	2.17	2.25	103.14	1021.38
7/18/2021 19:00	2.03	2.24	100.55	1002.23
7/18/2021 20:00	2.05	2.08	97.98	992.5
7/18/2021 21:00	1.85	1.98	95.37	1003.66
7/18/2021 22:00	1.66	1.91	93.71	1012.44
7/18/2021 23:00	1.44	1.8	92.11	1041.01
7/19/2021 0:00	1.36	1.76	91.21	1059.84
7/19/2021 1:00	1.28	1.68	91.1	1066.59
7/19/2021 2:00	1.18	1.7	91.34	1077.62
7/19/2021 3:00	1.15	1.69	93.32	1101.35
7/19/2021 4:00	1.15	1.76	98.04	1144.27
7/19/2021 5:00	1.26	1.9	108.39	1225.89
7/19/2021 6:00	1.35	2.28	123.13	1371.47
7/19/2021 7:00	1.34	2.76	135.09	1473.78
7/19/2021 8:00	1.4	3	141.19	1521.53
7/19/2021 9:00	1.46	3.19	144.93	1541.43
7/19/2021 10:00	1.48	3.5	148.07	1570.1
7/19/2021 11:00	1.67	3.64	150.53	1583.86
7/19/2021 12:00	1.65	3.56	150.44	1585.65
7/19/2021 13:00	1.72	3.63	152.37	1626.39
7/19/2021 14:00	1.75	3.6	150.77	1589.55
7/19/2021 15:00	1.75	3.44	147.76	1560.13
7/19/2021 16:00	1.98	3.21	140.7	1511.28
7/19/2021 17:00	2.16	2.98	134.59	1487.52
7/19/2021 18:00	2.28	2.7	129.78	1470.77
7/19/2021 19:00	2.17	2.6	124.77	1456.92
7/19/2021 20:00	2.07	2.49	121.98	1418.07
7/19/2021 21:00	1.99	2.31	115.62	1390.61
7/19/2021 22:00	1.77	2.1	108.61	1374.45
7/19/2021 23:00	1.51	1.95	104.13	1347.13
7/20/2021 0:00	1.4	1.86	101.16	1321.96
7/20/2021 1:00	1.24	1.77	98.57	1295.48
7/20/2021 2:00	1.17	1.72	97.24	1269.39
7/20/2021 3:00	1.14	1.72	98.25	1285.61
7/20/2021 4:00	1.13	1.74	101.39	1320.01
7/20/2021 5:00	1.19	1.92	110.03	1386.94
7/20/2021 6:00	1.36	2.28	124.56	1473.16
7/20/2021 7:00	1.49	2.67	137.21	1550.29
7/20/2021 8:00	1.49	3.07	146.69	1598.23
7/20/2021 9:00	1.57	3.36	153.61	1615.81
7/20/2021 10:00	1.69	3.83	159.37	1643.56
7/20/2021 11:00	1.89	3.92	164.56	1658.96
7/20/2021 12:00	2.07	3.95	165.56	1657.11

7/20/2021 13:00	2.2	4.14	169.72	1681.67
7/20/2021 14:00	2.37	4.18	169.07	1684.11
7/20/2021 15:00	2.46	4.11	165.31	1637.02
7/20/2021 16:00	2.7	3.82	157.57	1565.96
7/20/2021 17:00	2.98	3.51	148.91	1527.43
7/20/2021 18:00	2.89	3.14	142.36	1502.76
7/20/2021 19:00	2.79	3.02	136.37	1496.45
7/20/2021 20:00	2.6	2.85	131.01	1478.78
7/20/2021 21:00	2.47	2.57	123.29	1458.91
7/20/2021 22:00	2.18	2.34	115.16	1422.36
7/20/2021 23:00	1.9	2.19	109.18	1378.62
7/21/2021 0:00	1.73	2.05	104.74	1324.81
7/21/2021 1:00	1.54	1.97	101.97	1302.27
7/21/2021 2:00	1.43	1.91	100.22	1285.28
7/21/2021 3:00	1.34	1.9	100.97	1282.67
7/21/2021 4:00	1.33	1.94	105.27	1302.18
7/21/2021 5:00	1.38	2.01	114.82	1377.43
7/21/2021 6:00	1.43	2.38	128.54	1477.52
7/21/2021 7:00	1.57	2.96	139.44	1539.42
7/21/2021 8:00	1.58	3.34	149.27	1579.03
7/21/2021 9:00	1.68	3.52	155.45	1598.09
7/21/2021 10:00	1.76	3.77	159.89	1616.18
7/21/2021 11:00	1.88	3.93	161.75	1621.45
7/21/2021 12:00	1.96	3.85	161.05	1616.73
7/21/2021 13:00	2.12	4.04	164.33	1646.77
7/21/2021 14:00	2.2	4.09	164.32	1624.46
7/21/2021 15:00	2.32	3.96	160.82	1592.31
7/21/2021 16:00	2.47	3.64	151.3	1545.3
7/21/2021 17:00	2.7	3.28	142.51	1509.36
7/21/2021 18:00	2.54	2.98	136.18	1465.76
7/21/2021 19:00	2.32	2.76	128.43	1442.64
7/21/2021 20:00	2.16	2.52	121.9	1410.13
7/21/2021 21:00	1.95	2.38	114.76	1372.43
7/21/2021 22:00	1.74	2.14	107.45	1349.79
7/21/2021 23:00	1.47	1.99	102.62	1311.85
7/22/2021 0:00	1.32	1.9	99.29	1277.25
7/22/2021 1:00	1.23	1.85	96.9	1247.22
7/22/2021 2:00	1.11	1.84	95.46	1234.11
7/22/2021 3:00	1.11	1.83	95.93	1236.37
7/22/2021 4:00	1.1	1.84	99.69	1275.11
7/22/2021 5:00	1.15	1.96	108.34	1328.65
7/22/2021 6:00	1.29	2.29	121.7	1439.95
7/22/2021 7:00	1.37	2.86	134.02	1514.95
7/22/2021 8:00	1.48	3.07	141.96	1550.73
7/22/2021 9:00	1.57	3.27	148.57	1557.79
7/22/2021 10:00	1.6	3.57	153.69	1594
7/22/2021 11:00	1.77	3.77	157.06	1602.09
7/22/2021 12:00	1.81	3.85	157.43	1602.58
7/22/2021 13:00	1.85	3.92	160.81	1614.66
7/22/2021 14:00	1.93	3.86	159.96	1598.48
7/22/2021 15:00	2.01	3.69	154.21	1565.51
7/22/2021 16:00	2.12	3.46	145.16	1504.95
7/22/2021 17:00	2.2	3.13	138.22	1481.05

7/22/2021 18:00	2.12	2.88	132.19	1445.97
7/22/2021 19:00	1.99	2.76	126.43	1438.31
7/22/2021 20:00	1.94	2.57	120.87	1417.49
7/22/2021 21:00	1.86	2.36	114.23	1382.62
7/22/2021 22:00	1.69	2.15	107.19	1353.54
7/22/2021 23:00	1.48	2.04	102.19	1314.95
7/23/2021 0:00	1.35	1.93	98.64	1285.92
7/23/2021 1:00	1.25	1.85	96.4	1266.71
7/23/2021 2:00	1.17	1.78	94.6	1237.84
7/23/2021 3:00	1.07	1.73	94.88	1232.02
7/23/2021 4:00	1.05	1.71	97.95	1266.97
7/23/2021 5:00	1.14	1.81	106.17	1332.73
7/23/2021 6:00	1.27	2.3	117.86	1414.02
7/23/2021 7:00	1.35	2.99	129.66	1480.99
7/23/2021 8:00	1.46	3.37	138.13	1509.33
7/23/2021 9:00	1.54	3.59	144.04	1515.63
7/23/2021 10:00	1.58	3.75	149.68	1533.14
7/23/2021 11:00	1.77	3.82	152.17	1530.45
7/23/2021 12:00	1.85	3.73	151.05	1523.44
7/23/2021 13:00	1.84	3.86	152.26	1519.7
7/23/2021 14:00	1.91	3.7	148.45	1496.96
7/23/2021 15:00	1.93	3.38	141.29	1480.71
7/23/2021 16:00	2.05	3.18	136.53	1444.19
7/23/2021 17:00	2.09	2.9	129.79	1396.49
7/23/2021 18:00	1.99	2.65	123.04	1355.91
7/23/2021 19:00	1.89	2.58	118.43	1332.34
7/23/2021 20:00	1.76	2.63	113.83	1307.96
7/23/2021 21:00	1.74	2.43	107.26	1267.29
7/23/2021 22:00	1.6	2.13	100.73	1222.83
7/23/2021 23:00	1.39	1.91	95.43	1152.49
7/24/2021 0:00	1.26	1.81	91.29	1114.89
7/24/2021 1:00	1.14	1.72	89.05	1094.81
7/24/2021 2:00	1.09	1.64	87.6	1076.77
7/24/2021 3:00	1.03	1.62	87.2	1064.37
7/24/2021 4:00	1.03	1.61	87.82	1063.14
7/24/2021 5:00	1.03	1.61	91.17	1070.37
7/24/2021 6:00	1.17	1.66	96.2	1089.74
7/24/2021 7:00	1.31	1.99	100.44	1107.21
7/24/2021 8:00	1.46	2.23	105.64	1120.78
7/24/2021 9:00	1.61	2.42	111.38	1124.63
7/24/2021 10:00	1.67	2.58	115.36	1126.19
7/24/2021 11:00	1.77	2.78	116.77	1122.67
7/24/2021 12:00	1.89	2.82	117.18	1134.34
7/24/2021 13:00	1.9	2.95	119.21	1148.12
7/24/2021 14:00	2	2.97	119.09	1139.41
7/24/2021 15:00	2.01	2.89	118.73	1137.76
7/24/2021 16:00	2.18	2.91	118.03	1123.64
7/24/2021 17:00	2.24	2.88	115.58	1110.78
7/24/2021 18:00	2.12	2.71	112.33	1092.65
7/24/2021 19:00	2.07	2.58	106.85	1079.12
7/24/2021 20:00	1.88	2.44	103.2	1054.41
7/24/2021 21:00	1.8	2.25	98.07	1041.57
7/24/2021 22:00	1.66	2.1	92.73	1021.91

7/24/2021 23:00	1.49	2	89.23	1001.03
7/25/2021 0:00	1.34	2.03	87.04	997.1
7/25/2021 1:00	1.25	2.15	85.86	997.55
7/25/2021 2:00	1.16	2.15	85.45	991.68
7/25/2021 3:00	1.09	2.12	85.7	994.85
7/25/2021 4:00	1.06	1.91	86.63	999.29
7/25/2021 5:00	1.08	1.75	88.51	1010.02
7/25/2021 6:00	1.15	1.75	91.7	1013.11
7/25/2021 7:00	1.31	1.83	94.58	1016.26
7/25/2021 8:00	1.43	1.97	97.73	1020.53
7/25/2021 9:00	1.67	2.09	100.89	1027.74
7/25/2021 10:00	1.72	2.18	103.08	1019.32
7/25/2021 11:00	1.75	2.26	104.71	1030.22
7/25/2021 12:00	1.77	2.34	106.77	1046.92
7/25/2021 13:00	1.82	2.38	108.98	1059.11
7/25/2021 14:00	2.01	2.43	110.94	1059.46
7/25/2021 15:00	2.02	2.41	112.87	1053.34
7/25/2021 16:00	2.25	2.41	112.11	1075.12
7/25/2021 17:00	2.34	2.47	112.13	1090.89
7/25/2021 18:00	2.28	2.48	110.33	1096.08
7/25/2021 19:00	2.15	2.37	106.23	1091.73
7/25/2021 20:00	2.1	2.21	103.19	1088.37
7/25/2021 21:00	2.03	2.12	100.31	1090.1
7/25/2021 22:00	1.83	2.03	97.9	1099.49
7/25/2021 23:00	1.56	1.95	96.23	1119.35
7/26/2021 0:00	1.4	2.03	94.54	1138.48
7/26/2021 1:00	1.33	2.16	93.6	1137.23
7/26/2021 2:00	1.25	2.19	93.25	1140.28
7/26/2021 3:00	1.17	2.19	95.06	1149.3
7/26/2021 4:00	1.16	1.99	99.4	1193.5
7/26/2021 5:00	1.21	1.89	109.08	1268.46
7/26/2021 6:00	1.35	2.21	123.19	1384.99
7/26/2021 7:00	1.46	2.76	137.64	1500.02
7/26/2021 8:00	1.62	3.23	149.42	1568.93
7/26/2021 9:00	1.73	3.51	156.02	1606.63
7/26/2021 10:00	1.94	3.86	163.65	1653.41
7/26/2021 11:00	2.16	4	167.24	1668.42
7/26/2021 12:00	2.29	4.02	167.78	1667.07
7/26/2021 13:00	2.39	4.26	171.21	1694.86
7/26/2021 14:00	2.43	4.38	168.88	1676.63
7/26/2021 15:00	2.55	4.21	164.38	1644.59
7/26/2021 16:00	2.74	3.8	155.85	1581.9
7/26/2021 17:00	2.83	3.26	146.66	1546.13
7/26/2021 18:00	2.75	2.97	140.89	1511.61
7/26/2021 19:00	2.6	2.81	134.02	1495.86
7/26/2021 20:00	2.52	2.78	127.92	1464.7
7/26/2021 21:00	2.34	2.63	120.61	1430.04
7/26/2021 22:00	2.06	2.39	113.27	1403.83
7/26/2021 23:00	1.77	2.1	107.69	1374.5
7/27/2021 0:00	1.55	1.98	103.87	1327.77
7/27/2021 1:00	1.42	1.89	101.43	1289.07
7/27/2021 2:00	1.35	1.84	99.4	1268.05
7/27/2021 3:00	1.25	1.81	100.05	1278.31

7/27/2021 4:00	1.27	1.84	102.99	1312.22
7/27/2021 5:00	1.34	1.92	111.57	1366.25
7/27/2021 6:00	1.39	2.36	125.78	1452.11
7/27/2021 7:00	1.52	2.98	139.18	1542.17
7/27/2021 8:00	1.57	3.44	149.59	1593.93
7/27/2021 9:00	1.72	3.69	156.13	1607.23
7/27/2021 10:00	1.87	4.04	162.74	1634.59
7/27/2021 11:00	2.03	4.21	166.12	1648.88
7/27/2021 12:00	2.22	4.25	166.65	1651.82
7/27/2021 13:00	2.37	4.38	169.82	1689.76
7/27/2021 14:00	2.43	4.47	169.13	1652.12
7/27/2021 15:00	2.56	4.35	164.82	1627.66
7/27/2021 16:00	2.75	3.82	155.77	1561.96
7/27/2021 17:00	2.82	3.31	145.24	1506.12
7/27/2021 18:00	2.6	3.03	134.57	1439.42
7/27/2021 19:00	2.35	2.86	126.11	1312.2
7/27/2021 20:00	2.18	2.53	121.05	1327.28
7/27/2021 21:00	2.06	2.32	115.53	1384.44
7/27/2021 22:00	1.84	2.14	109.08	1371.02
7/27/2021 23:00	1.64	2.03	104.31	1344.55
7/28/2021 0:00	1.44	1.93	101.61	1312.81
7/28/2021 1:00	1.33	1.87	99.7	1287.35
7/28/2021 2:00	1.26	1.86	99.1	1271.68
7/28/2021 3:00	1.23	1.85	100.17	1284.39
7/28/2021 4:00	1.22	1.85	103.67	1312.34
7/28/2021 5:00	1.26	1.96	113.54	1376.76
7/28/2021 6:00	1.32	2.32	126.44	1483.73
7/28/2021 7:00	1.4	2.71	136.53	1561.67
7/28/2021 8:00	1.42	3.11	143.52	1577.08
7/28/2021 9:00	1.48	3.31	147.86	1579.52
7/28/2021 10:00	1.49	3.53	152.55	1589.85
7/28/2021 11:00	1.63	3.59	153.99	1583.76
7/28/2021 12:00	1.69	3.6	153.59	1574.78
7/28/2021 13:00	1.74	3.69	156.02	1576.77
7/28/2021 14:00	1.78	3.7	155.21	1563.55
7/28/2021 15:00	1.88	3.65	151.29	1552.3
7/28/2021 16:00	1.96	3.41	143.51	1485.32
7/28/2021 17:00	2.13	3.12	135.36	1447.29
7/28/2021 18:00	2.08	2.83	130.44	1416
7/28/2021 19:00	2.02	2.64	124.69	1407.88
7/28/2021 20:00	1.9	2.48	118.18	1384.91
7/28/2021 21:00	1.82	2.29	111.48	1356.75
7/28/2021 22:00	1.55	2.08	104.4	1338.4
7/28/2021 23:00	1.36	1.96	100.01	1307.06
7/29/2021 0:00	1.23	1.87	96.91	1279.71
7/29/2021 1:00	1.13	1.79	94.57	1248.35
7/29/2021 2:00	1.07	1.76	93.14	1229.49
7/29/2021 3:00	1.03	1.72	93.99	1225.65
7/29/2021 4:00	1.02	1.75	97.92	1258
7/29/2021 5:00	1.12	1.88	106.84	1324.67
7/29/2021 6:00	1.2	2.19	120.08	1437.49
7/29/2021 7:00	1.31	2.66	131.53	1517.71
7/29/2021 8:00	1.35	2.98	140.4	1539.29

7/29/2021 9:00	1.45	3.21	147.17	1547.13
7/29/2021 10:00	1.49	3.52	152.08	1541.79
7/29/2021 11:00	1.59	3.74	156.6	1577.98
7/29/2021 12:00	1.66	3.76	157.64	1597.53
7/29/2021 13:00	1.73	3.81	159.74	1615.94
7/29/2021 14:00	1.74	3.78	157.7	1594.48
7/29/2021 15:00	1.78	3.65	150.58	1561.41
7/29/2021 16:00	1.81	3.2	139.29	1487.07
7/29/2021 17:00	1.88	2.86	129.55	1436.3
7/29/2021 18:00	1.94	2.58	123.48	1390.84
7/29/2021 19:00	1.76	2.53	119.7	1378.88
7/29/2021 20:00	1.72	2.37	116.22	1381.18
7/29/2021 21:00	1.69	2.18	110.69	1370.88
7/29/2021 22:00	1.54	2.08	105.5	1355.85
7/29/2021 23:00	1.43	1.98	101.44	1324.68
7/30/2021 0:00	1.27	1.83	98.57	1291.03
7/30/2021 1:00	1.15	1.74	96.36	1275.13
7/30/2021 2:00	1.12	1.74	95.17	1228.72
7/30/2021 3:00	1.11	1.72	95.66	1236.88
7/30/2021 4:00	1.1	1.77	99.69	1270.01
7/30/2021 5:00	1.17	1.9	108.35	1330.64
7/30/2021 6:00	1.25	2.28	120.06	1410.86
7/30/2021 7:00	1.46	2.73	131.54	1469.31
7/30/2021 8:00	1.52	2.96	138.46	1504.69
7/30/2021 9:00	1.5	3.16	143.16	1488.25
7/30/2021 10:00	1.67	3.5	148.57	1506.66
7/30/2021 11:00	1.91	3.69	151.57	1510.2
7/30/2021 12:00	1.85	3.7	149.99	1479.03
7/30/2021 13:00	1.81	3.7	149.61	1466.95
7/30/2021 14:00	1.83	3.71	146.64	1443.41
7/30/2021 15:00	1.86	3.45	140.94	1416.54
7/30/2021 16:00	1.85	3.26	133.76	1367.23
7/30/2021 17:00	1.9	3.01	127.04	1332.54
7/30/2021 18:00	1.87	2.75	121.32	1300.98
7/30/2021 19:00	1.66	2.58	114.98	1281.62
7/30/2021 20:00	1.68	2.43	110.18	1245.49
7/30/2021 21:00	1.61	2.26	103.13	1217.31
7/30/2021 22:00	1.5	2.06	96.71	1181.07
7/30/2021 23:00	1.32	1.92	91.56	1132.82
7/31/2021 0:00	1.19	1.79	87.61	1095.67
7/31/2021 1:00	1.07	1.68	86	1060.67
7/31/2021 2:00	1.03	1.63	84.35	1039.37
7/31/2021 3:00	0.96	1.62	84.23	1031.21
7/31/2021 4:00	0.97	1.64	85.14	1019.84
7/31/2021 5:00	1	1.65	88.02	1020.07
7/31/2021 6:00	1.11	1.7	92.35	1030.63
7/31/2021 7:00	1.26	1.99	96.5	1037.03
7/31/2021 8:00	1.34	2.11	98.69	1046.58
7/31/2021 9:00	1.48	2.21	101.66	1058.23
7/31/2021 10:00	1.57	2.44	104.47	1054.96
7/31/2021 11:00	1.54	2.48	106.18	1059.25
7/31/2021 12:00	1.57	2.5	106.79	1061.62
7/31/2021 13:00	1.64	2.54	108.21	1053.68

7/31/2021 14:00	1.58	2.59	108.73	1055.95
7/31/2021 15:00	1.57	2.58	108.19	1060.72
7/31/2021 16:00	1.75	2.59	107.46	1044.93
7/31/2021 17:00	1.8	2.53	105.51	1034.96
7/31/2021 18:00	1.82	2.48	102.43	1029.92
7/31/2021 19:00	1.62	2.4	97.04	1009.29
7/31/2021 20:00	1.61	2.28	94.19	996.45
7/31/2021 21:00	1.48	2.11	89.38	990.66
7/31/2021 22:00	1.39	1.94	85.93	960.82
7/31/2021 23:00	1.25	1.88	83.28	944.64
8/1/2021 0:00	1.16	1.76	81.23	929.69
8/1/2021 1:00	1.08	1.66	80.65	929.34
8/1/2021 2:00	1.01	1.65	79.95	924.78
8/1/2021 3:00	0.97	1.63	79.7	920.03
8/1/2021 4:00	0.98	1.64	80.66	911.25
8/1/2021 5:00	0.99	1.66	82.86	917.59
8/1/2021 6:00	1.1	1.65	84.81	919.79
8/1/2021 7:00	1.17	1.72	88.04	934.86
8/1/2021 8:00	1.35	1.87	92.18	945.71
8/1/2021 9:00	1.45	2.1	96.69	957.81
8/1/2021 10:00	1.68	2.24	101.58	971.11
8/1/2021 11:00	1.8	2.4	105.1	983.32
8/1/2021 12:00	1.74	2.45	107.58	992.19
8/1/2021 13:00	1.79	2.48	109.42	990.26
8/1/2021 14:00	1.8	2.62	109.79	1001.9
8/1/2021 15:00	1.83	2.68	110.72	1010.1
8/1/2021 16:00	2.02	2.61	109.22	1019.09
8/1/2021 17:00	2.17	2.51	107.35	1007.64
8/1/2021 18:00	2.11	2.34	103.71	998.34
8/1/2021 19:00	1.99	2.27	99.22	977.65
8/1/2021 20:00	1.92	2.19	95.83	987.32
8/1/2021 21:00	1.75	2.02	92.19	992.55
8/1/2021 22:00	1.58	1.97	90.65	1010.29
8/1/2021 23:00	1.43	1.89	89.13	1031.35
8/2/2021 0:00	1.29	1.8	88.26	1052.05
8/2/2021 1:00	1.18	1.71	88.13	1053.55
8/2/2021 2:00	1.14	1.7	88.48	1056.99
8/2/2021 3:00	1.11	1.78	90.63	1093.75
8/2/2021 4:00	1.1	1.81	94.83	1135.3
8/2/2021 5:00	1.12	1.97	105.13	1207.96
8/2/2021 6:00	1.26	2.28	118.95	1333.46
8/2/2021 7:00	1.31	2.73	131.51	1448.59
8/2/2021 8:00	1.45	3.07	140.64	1481.24
8/2/2021 9:00	1.53	3.33	144.82	1488.23
8/2/2021 10:00	1.56	3.53	148.67	1540.17
8/2/2021 11:00	1.66	3.62	151.02	1540.79
8/2/2021 12:00	1.73	3.61	150.5	1538.67
8/2/2021 13:00	1.77	3.89	152.8	1559.16
8/2/2021 14:00	1.86	3.83	152.43	1545.02
8/2/2021 15:00	1.85	3.68	148.35	1496.87
8/2/2021 16:00	2.02	3.34	140.13	1442.65
8/2/2021 17:00	2.17	3.02	133.14	1426.66
8/2/2021 18:00	2.18	2.84	127.88	1409.13

8/2/2021 19:00	2.08	2.6	121.73	1381.41
8/2/2021 20:00	1.99	2.47	116.77	1362.06
8/2/2021 21:00	1.8	2.27	110.42	1338.13
8/2/2021 22:00	1.54	2.09	103.3	1318.19
8/2/2021 23:00	1.31	1.94	98.95	1289.14
8/3/2021 0:00	1.21	2.02	95.54	1251.96
8/3/2021 1:00	1.11	2.16	92.92	1215.7
8/3/2021 2:00	1.04	2.13	91.42	1195.65
8/3/2021 3:00	1.01	2.12	92.11	1201.35
8/3/2021 4:00	1.01	1.91	94.91	1225.97
8/3/2021 5:00	1.11	1.83	102.79	1305.41
8/3/2021 6:00	1.22	2.16	115.22	1408.12
8/3/2021 7:00	1.3	2.61	126.66	1491.36
8/3/2021 8:00	1.29	2.97	136.39	1529.54
8/3/2021 9:00	1.36	3.15	143.03	1543.9
8/3/2021 10:00	1.43	3.43	148.8	1569.36
8/3/2021 11:00	1.51	3.57	152.35	1588.41
8/3/2021 12:00	1.59	3.59	152.3	1571.15
8/3/2021 13:00	1.59	3.86	154.65	1582.25
8/3/2021 14:00	1.66	3.97	154.25	1559.14
8/3/2021 15:00	1.68	3.74	149.38	1533.85
8/3/2021 16:00	1.86	3.41	140.78	1488.56
8/3/2021 17:00	1.95	3.02	133.42	1441.49
8/3/2021 18:00	2.03	2.77	128.11	1413.36
8/3/2021 19:00	1.85	2.59	122.91	1393.77
8/3/2021 20:00	1.88	2.49	118.13	1377.95
8/3/2021 21:00	1.73	2.27	111.79	1357.17
8/3/2021 22:00	1.52	2.07	105.3	1333.61
8/3/2021 23:00	1.32	1.92	100.87	1311.7
8/4/2021 0:00	1.21	1.97	97.65	1276.74
8/4/2021 1:00	1.11	2.12	94.61	1231.35
8/4/2021 2:00	1.05	2.14	93.51	1210.93
8/4/2021 3:00	1.02	2.16	94.35	1212.99
8/4/2021 4:00	1.06	2	98.18	1238.27
8/4/2021 5:00	1.11	1.9	106.68	1313.11
8/4/2021 6:00	1.17	2.11	119.18	1415.01
8/4/2021 7:00	1.28	2.54	130.18	1501.43
8/4/2021 8:00	1.33	2.86	138.62	1536.77
8/4/2021 9:00	1.35	3.17	144.22	1568.78
8/4/2021 10:00	1.5	3.46	150.7	1582.09
8/4/2021 11:00	1.56	3.69	155.06	1581.34
8/4/2021 12:00	1.62	3.65	155.17	1563.84
8/4/2021 13:00	1.63	3.75	158.25	1587.5
8/4/2021 14:00	1.75	3.81	157.91	1550.93
8/4/2021 15:00	1.71	3.59	152.67	1528.06
8/4/2021 16:00	1.85	3.3	142.98	1491.83
8/4/2021 17:00	1.96	2.97	134.67	1462.39
8/4/2021 18:00	2	2.74	128.85	1427.79
8/4/2021 19:00	1.97	2.57	124.64	1428.48
8/4/2021 20:00	1.83	2.35	120.64	1425.76
8/4/2021 21:00	1.77	2.18	113.82	1399.02
8/4/2021 22:00	1.6	2.03	107.37	1370.23
8/4/2021 23:00	1.32	1.94	102.94	1342.28

8/5/2021 0:00	1.3	1.84	100.19	1308.87
8/5/2021 1:00	1.23	1.77	98.21	1285.27
8/5/2021 2:00	1.13	1.73	96.56	1265.53
8/5/2021 3:00	1.11	1.72	97.93	1272.75
8/5/2021 4:00	1.12	1.77	101.69	1302.95
8/5/2021 5:00	1.22	2.02	111.54	1387.54
8/5/2021 6:00	1.31	2.3	124.3	1489
8/5/2021 7:00	1.35	2.66	134.9	1557.94
8/5/2021 8:00	1.32	2.96	141.4	1571.27
8/5/2021 9:00	1.39	3.04	144.94	1579.83
8/5/2021 10:00	1.47	3.35	147.48	1595.7
8/5/2021 11:00	1.44	3.5	148.98	1610.04
8/5/2021 12:00	1.56	3.38	147.86	1601.69
8/5/2021 13:00	1.56	3.46	150.13	1614.8
8/5/2021 14:00	1.53	3.49	148.45	1578.53
8/5/2021 15:00	1.51	3.28	143.55	1537.25
8/5/2021 16:00	1.7	3.03	137	1493.61
8/5/2021 17:00	1.81	2.73	131.39	1467.96
8/5/2021 18:00	1.75	2.58	127.75	1449.32
8/5/2021 19:00	1.82	2.46	123.72	1437.75
8/5/2021 20:00	1.77	2.33	119.95	1424.98
8/5/2021 21:00	1.67	2.15	112.98	1400.28
8/5/2021 22:00	1.56	2.01	106.92	1375.08
8/5/2021 23:00	1.4	1.91	102.26	1336.94
8/6/2021 0:00	1.27	1.8	98.64	1300.33
8/6/2021 1:00	1.2	1.71	96.86	1273.27
8/6/2021 2:00	1.11	1.68	95.43	1241.54
8/6/2021 3:00	1.05	1.67	95.85	1240.28
8/6/2021 4:00	1.08	1.69	98.65	1262.44
8/6/2021 5:00	1.11	1.92	107.37	1321.7
8/6/2021 6:00	1.21	2.16	118.87	1406.81
8/6/2021 7:00	1.37	2.73	131.13	1463.15
8/6/2021 8:00	1.53	3.16	140.73	1526.49
8/6/2021 9:00	1.55	3.35	148.65	1547.7
8/6/2021 10:00	1.66	3.75	155.37	1571.74
8/6/2021 11:00	1.87	3.99	159.73	1569.29
8/6/2021 12:00	2.02	4.04	160.44	1543.83
8/6/2021 13:00	2.16	4.14	162.77	1559.29
8/6/2021 14:00	2.22	4.03	162.19	1533.41
8/6/2021 15:00	2.27	3.86	157.27	1492.06
8/6/2021 16:00	2.5	3.79	151.96	1466.68
8/6/2021 17:00	2.7	3.41	144.92	1438.88
8/6/2021 18:00	2.56	3.08	138.26	1385.61
8/6/2021 19:00	2.4	2.94	131.1	1358.45
8/6/2021 20:00	2.32	2.73	125.72	1317.56
8/6/2021 21:00	2.17	2.52	116.91	1292.55
8/6/2021 22:00	2.02	2.29	108.4	1255.72
8/6/2021 23:00	1.73	2.12	102.64	1198.82
8/7/2021 0:00	1.55	2.15	98.59	1163.17
8/7/2021 1:00	1.44	2.26	95.39	1125.96
8/7/2021 2:00	1.33	2.28	93.6	1113.17
8/7/2021 3:00	1.25	2.24	93.09	1106.88
8/7/2021 4:00	1.22	2.04	94.51	1101.42

8/7/2021 5:00	1.22	1.84	98.25	1101.29
8/7/2021 6:00	1.35	1.87	102.65	1103.52
8/7/2021 7:00	1.47	2.14	107.23	1132.74
8/7/2021 8:00	1.53	2.43	113.08	1146.71
8/7/2021 9:00	1.75	2.68	119.71	1165.94
8/7/2021 10:00	1.95	2.94	125.51	1194.98
8/7/2021 11:00	2.18	3.13	129.26	1207.85
8/7/2021 12:00	2.38	3.26	131.22	1227.09
8/7/2021 13:00	2.46	3.39	133.09	1231.07
8/7/2021 14:00	2.62	3.48	133.33	1225.03
8/7/2021 15:00	2.62	3.38	132.68	1220.36
8/7/2021 16:00	2.76	3.33	131.54	1206.06
8/7/2021 17:00	2.79	3.14	128.4	1187.48
8/7/2021 18:00	2.67	2.97	124.06	1175.43
8/7/2021 19:00	2.61	2.86	119.84	1151.23
8/7/2021 20:00	2.52	2.72	116.31	1138.65
8/7/2021 21:00	2.34	2.54	110.17	1123.58
8/7/2021 22:00	2.08	2.34	104.55	1106.26
8/7/2021 23:00	1.9	2.23	100.16	1083.31
8/8/2021 0:00	1.8	2.25	96.77	1068.87
8/8/2021 1:00	1.65	2.34	95.28	1065.08
8/8/2021 2:00	1.51	2.34	94.08	1058.62
8/8/2021 3:00	1.41	2.3	93.32	1056.25
8/8/2021 4:00	1.39	2.09	93.99	1056.82
8/8/2021 5:00	1.33	1.92	96.01	1048.45
8/8/2021 6:00	1.37	1.93	98.38	1047.54
8/8/2021 7:00	1.5	2.05	101.54	1058.49
8/8/2021 8:00	1.72	2.23	105.4	1064.79
8/8/2021 9:00	1.93	2.38	110.46	1074.16
8/8/2021 10:00	2.14	2.59	116.82	1086.67
8/8/2021 11:00	2.31	2.86	121.81	1107.09
8/8/2021 12:00	2.6	2.9	124.76	1110.95
8/8/2021 13:00	2.7	3.09	126.46	1101.96
8/8/2021 14:00	2.73	3.01	126.49	1103.3
8/8/2021 15:00	2.88	2.98	127.18	1089.65
8/8/2021 16:00	3.01	2.93	125.6	1090.53
8/8/2021 17:00	3.01	2.77	122.5	1080.94
8/8/2021 18:00	2.91	2.69	117.53	1071.42
8/8/2021 19:00	2.77	2.6	112.36	1060.28
8/8/2021 20:00	2.64	2.42	107.45	1056.8
8/8/2021 21:00	2.35	2.27	103.17	1049.24
8/8/2021 22:00	2.14	2.13	100.34	1053.25
8/8/2021 23:00	1.89	2.1	98.19	1082.29
8/9/2021 0:00	1.68	2.13	97.23	1100.61
8/9/2021 1:00	1.54	2.31	96.49	1106.79
8/9/2021 2:00	1.47	2.34	96.43	1104.39
8/9/2021 3:00	1.4	2.34	98.31	1137.63
8/9/2021 4:00	1.41	2.21	103.69	1181.67
8/9/2021 5:00	1.39	2.14	114.36	1269.52
8/9/2021 6:00	1.49	2.48	128.9	1387.34
8/9/2021 7:00	1.61	3	141.59	1496.77
8/9/2021 8:00	1.68	3.4	149.73	1552.91
8/9/2021 9:00	1.71	3.55	154.17	1594.14

8/9/2021 10:00	1.84	3.86	159.49	1608.55
8/9/2021 11:00	1.97	3.95	162.24	1606.86
8/9/2021 12:00	2.12	3.93	162.76	1606
8/9/2021 13:00	2.16	4.01	165.77	1628.61
8/9/2021 14:00	2.27	3.93	164.36	1608.29
8/9/2021 15:00	2.33	3.73	158.47	1568.48
8/9/2021 16:00	2.52	3.39	148.64	1508.34
8/9/2021 17:00	2.6	3.02	139.34	1484.13
8/9/2021 18:00	2.53	2.86	132.79	1453.05
8/9/2021 19:00	2.32	2.72	127.94	1438.06
8/9/2021 20:00	2.21	2.57	122.96	1423.21
8/9/2021 21:00	2.09	2.36	116.2	1390.78
8/9/2021 22:00	1.81	2.16	110.14	1364.71
8/9/2021 23:00	1.58	2.03	105.57	1341.08
8/10/2021 0:00	1.47	2.12	102.73	1329.05
8/10/2021 1:00	1.38	2.26	100.65	1305.18
8/10/2021 2:00	1.36	2.29	99.29	1273.12
8/10/2021 3:00	1.24	2.3	100.49	1272.97
8/10/2021 4:00	1.25	2.11	104.66	1316.22
8/10/2021 5:00	1.31	2	114.64	1393.48
8/10/2021 6:00	1.4	2.36	127.81	1520.57
8/10/2021 7:00	1.52	2.91	138.8	1594.97
8/10/2021 8:00	1.48	3.2	145.67	1622.7
8/10/2021 9:00	1.53	3.43	150.3	1624.35
8/10/2021 10:00	1.67	3.63	154.06	1621.88
8/10/2021 11:00	1.74	3.83	155.93	1632.16
8/10/2021 12:00	1.83	3.7	156.69	1621.99
8/10/2021 13:00	1.9	3.82	160.11	1665.19
8/10/2021 14:00	1.98	3.84	161.33	1650.3
8/10/2021 15:00	2.06	3.63	157.97	1610.45
8/10/2021 16:00	2.21	3.49	150.75	1569.58
8/10/2021 17:00	2.58	3.15	143.88	1541.09
8/10/2021 18:00	2.41	2.9	137.91	1519.49
8/10/2021 19:00	2.32	2.79	132.68	1514.12
8/10/2021 20:00	2.34	2.67	127.74	1484.77
8/10/2021 21:00	2.14	2.45	120.71	1444.97
8/10/2021 22:00	1.95	2.28	114.16	1428.32
8/10/2021 23:00	1.79	2.13	109.45	1410.44
8/11/2021 0:00	1.59	2.07	106.36	1380.61
8/11/2021 1:00	1.5	1.94	104.99	1350.31
8/11/2021 2:00	1.46	2.01	104.23	1337.24
8/11/2021 3:00	1.39	2.05	105.6	1344.33
8/11/2021 4:00	1.39	2.09	110.45	1382.18
8/11/2021 5:00	1.44	2.26	121.47	1462.49
8/11/2021 6:00	1.56	2.57	136.11	1582.67
8/11/2021 7:00	1.71	3.15	149.66	1677.94
8/11/2021 8:00	1.83	3.41	157.9	1685.62
8/11/2021 9:00	2.02	3.71	163.99	1695.18
8/11/2021 10:00	2.18	4.11	171.12	1742.84
8/11/2021 11:00	2.35	4.36	177.3	1749.26
8/11/2021 12:00	2.67	4.39	179.45	1763.67
8/11/2021 13:00	2.85	4.54	184.25	1786.47
8/11/2021 14:00	2.98	4.56	184.47	1771.87

8/11/2021 15:00	3.14	4.38	181.45	1721.7
8/11/2021 16:00	3.38	4.11	173.61	1689.83
8/11/2021 17:00	3.52	3.75	165.7	1652.95
8/11/2021 18:00	3.4	3.55	158.8	1649.47
8/11/2021 19:00	3.28	3.4	151.03	1645.75
8/11/2021 20:00	3.17	3.2	145.17	1619.59
8/11/2021 21:00	2.93	2.99	137.49	1588.49
8/11/2021 22:00	2.75	2.8	129.89	1569.48
8/11/2021 23:00	2.47	2.59	124.38	1515.41
8/12/2021 0:00	2.28	2.46	119.25	1479.08
8/12/2021 1:00	2.09	2.55	116.19	1444.44
8/12/2021 2:00	1.94	2.73	114.39	1406.7
8/12/2021 3:00	1.84	2.66	114.43	1402.5
8/12/2021 4:00	1.82	2.5	119.46	1426.74
8/12/2021 5:00	1.91	2.47	129.49	1499.98
8/12/2021 6:00	1.97	2.87	145	1615.66
8/12/2021 7:00	2.09	3.54	158.04	1709.61
8/12/2021 8:00	2.28	3.97	167.3	1773.96
8/12/2021 9:00	2.5	4.19	174.61	1772.45
8/12/2021 10:00	2.68	4.53	181.53	1814.94
8/12/2021 11:00	3.04	4.77	185.43	1816.74
8/12/2021 12:00	3.14	4.75	185.75	1806.15
8/12/2021 13:00	3.29	4.81	188.68	1841.88
8/12/2021 14:00	3.38	4.84	186.96	1796.6
8/12/2021 15:00	3.53	4.6	182.63	1706.02
8/12/2021 16:00	3.62	4.62	173.6	1611.79
8/12/2021 17:00	3.58	4.37	165.33	1545.05
8/12/2021 18:00	3.6	3.77	155.53	1505.87
8/12/2021 19:00	3.31	3.43	146.6	1526.06
8/12/2021 20:00	3.11	3.21	139.86	1533.62
8/12/2021 21:00	2.9	2.95	131.3	1521.35
8/12/2021 22:00	2.6	2.74	124.34	1495.34
8/12/2021 23:00	2.34	2.62	119.08	1456.29
8/13/2021 0:00	2.15	2.5	114.81	1417.6
8/13/2021 1:00	2.05	2.56	111.94	1392.72
8/13/2021 2:00	1.92	2.78	110.26	1363.11
8/13/2021 3:00	1.79	2.7	110.06	1359.49
8/13/2021 4:00	1.79	2.68	113.77	1388.81
8/13/2021 5:00	1.81	2.65	124.03	1434.24
8/13/2021 6:00	1.84	2.96	137.11	1505.31
8/13/2021 7:00	1.99	3.44	151.01	1586.11
8/13/2021 8:00	2.15	3.83	162.31	1638.69
8/13/2021 9:00	2.37	4.04	168.48	1662.59
8/13/2021 10:00	2.55	4.35	174.21	1674.73
8/13/2021 11:00	2.68	4.57	177.17	1665.65
8/13/2021 12:00	2.95	4.49	177.88	1654.99
8/13/2021 13:00	3.11	4.55	179.66	1671.86
8/13/2021 14:00	3.12	4.63	178.06	1659.94
8/13/2021 15:00	3.25	4.42	172.92	1592.69
8/13/2021 16:00	3.32	4.29	164.2	1526.24
8/13/2021 17:00	3.38	4.15	156.97	1488.81
8/13/2021 18:00	3.35	3.84	150.62	1461.33
8/13/2021 19:00	3.1	3.54	145.48	1469.56

8/13/2021 20:00	3.01	3.35	138.65	1465.13
8/13/2021 21:00	2.88	3.09	129.67	1421.97
8/13/2021 22:00	2.72	2.81	121.75	1364.46
8/13/2021 23:00	2.34	2.62	115.19	1303.78
8/14/2021 0:00	2.18	2.46	111.19	1272.01
8/14/2021 1:00	1.99	2.56	108.4	1243.26
8/14/2021 2:00	1.9	2.73	107.05	1225.16
8/14/2021 3:00	1.81	2.63	106.05	1214.28
8/14/2021 4:00	1.74	2.53	107.2	1212.18
8/14/2021 5:00	1.77	2.4	111.29	1225.74
8/14/2021 6:00	1.82	2.35	116.8	1248.17
8/14/2021 7:00	2.05	2.68	122.88	1269.43
8/14/2021 8:00	2.26	2.93	130.37	1297
8/14/2021 9:00	2.55	3.17	136.78	1313.27
8/14/2021 10:00	2.63	3.36	139.01	1307.76
8/14/2021 11:00	2.77	3.41	139.28	1299.35
8/14/2021 12:00	2.97	3.48	139.6	1302.46
8/14/2021 13:00	3.14	3.51	140.67	1296.58
8/14/2021 14:00	3.05	3.53	139.86	1276.4
8/14/2021 15:00	3.17	3.72	138.4	1268.23
8/14/2021 16:00	3.23	3.73	135.87	1247.22
8/14/2021 17:00	3.18	3.49	132.36	1225.18
8/14/2021 18:00	2.99	3.11	125.98	1188.54
8/14/2021 19:00	2.71	2.98	119	1147.89
8/14/2021 20:00	2.47	2.88	112.95	1107.82
8/14/2021 21:00	2.34	2.97	105.76	1077.61
8/14/2021 22:00	2.08	2.66	99.46	1057.55
8/14/2021 23:00	1.85	2.53	94.76	1045.99
8/15/2021 0:00	1.62	2.46	91.34	1041.74
8/15/2021 1:00	1.47	2.5	89.47	1020.83
8/15/2021 2:00	1.4	2.34	88.08	1012.73
8/15/2021 3:00	1.3	2.13	87.46	996.03
8/15/2021 4:00	1.24	2.07	87.62	981.42
8/15/2021 5:00	1.22	1.97	88.58	983.12
8/15/2021 6:00	1.23	1.96	90.24	984.31
8/15/2021 7:00	1.36	2.17	94.09	1000.97
8/15/2021 8:00	1.57	2.3	98.88	1014.03
8/15/2021 9:00	1.73	2.38	104.44	1018.08
8/15/2021 10:00	1.98	2.53	108.39	1024.05
8/15/2021 11:00	1.94	2.72	110.76	1029.79
8/15/2021 12:00	2.11	2.74	113.39	1038.16
8/15/2021 13:00	2.13	2.94	115.07	1050.05
8/15/2021 14:00	2.23	3.01	115.6	1058.25
8/15/2021 15:00	2.28	3.03	116.51	1055.18
8/15/2021 16:00	2.32	2.95	115.75	1049.24
8/15/2021 17:00	2.33	2.81	113.23	1041.75
8/15/2021 18:00	2.23	2.65	108.95	1015.51
8/15/2021 19:00	2.15	2.5	103.74	1009.88
8/15/2021 20:00	2.1	2.35	99.14	1012.86
8/15/2021 21:00	1.85	2.49	94.73	1006.66
8/15/2021 22:00	1.64	2.25	91.78	1008
8/15/2021 23:00	1.49	2.19	89.99	1015.35
8/16/2021 0:00	1.33	2.24	88.74	1020.95

8/16/2021 1:00	1.22	2.32	87.84	1019.69
8/16/2021 2:00	1.16	2.2	86.9	1016.07
8/16/2021 3:00	1.09	1.96	88.26	1023.8
8/16/2021 4:00	1.1	1.96	92.73	1073.64
8/16/2021 5:00	1.13	2.06	102.32	1162.9
8/16/2021 6:00	1.22	2.34	115.16	1264.84
8/16/2021 7:00	1.39	2.87	126.92	1376.45
8/16/2021 8:00	1.45	3.29	135.71	1434.43
8/16/2021 9:00	1.51	3.46	142.86	1475.06
8/16/2021 10:00	1.6	3.77	148.6	1527.28
8/16/2021 11:00	1.62	3.98	153.12	1540.9
8/16/2021 12:00	1.73	3.67	153.26	1556.19
8/16/2021 13:00	1.74	3.77	156.7	1575.89
8/16/2021 14:00	1.84	3.76	156.15	1571.84
8/16/2021 15:00	1.87	3.62	152.46	1539.79
8/16/2021 16:00	1.98	3.4	144.36	1474.07
8/16/2021 17:00	2.18	3.11	136.95	1428.45
8/16/2021 18:00	2.15	2.84	131.07	1410.07
8/16/2021 19:00	2.04	2.67	125.31	1400.74
8/16/2021 20:00	2.08	2.52	119.9	1384.38
8/16/2021 21:00	1.82	2.55	112.75	1357.41
8/16/2021 22:00	1.65	2.28	106.22	1333.98
8/16/2021 23:00	1.45	2.24	101.31	1303.11
8/17/2021 0:00	1.29	2.32	97.67	1282.31
8/17/2021 1:00	1.17	2.35	95.43	1249.37
8/17/2021 2:00	1.1	2.22	94.47	1228.35
8/17/2021 3:00	1.04	2.02	95.29	1220.51
8/17/2021 4:00	1.08	1.97	99.01	1243.29
8/17/2021 5:00	1.13	2.04	108.25	1307.78
8/17/2021 6:00	1.24	2.28	120.77	1417.19
8/17/2021 7:00	1.34	2.76	132.77	1501.15
8/17/2021 8:00	1.4	3.09	141.17	1537.08
8/17/2021 9:00	1.52	3.37	148.48	1548.3
8/17/2021 10:00	1.57	3.81	155.77	1607.16
8/17/2021 11:00	1.68	4.09	160.98	1623.76
8/17/2021 12:00	1.88	4.08	163.65	1636.28
8/17/2021 13:00	1.95	4.14	167.19	1666.13
8/17/2021 14:00	2.06	4.18	166.41	1643.66
8/17/2021 15:00	2.17	3.98	161.91	1624.55
8/17/2021 16:00	2.4	3.66	153.32	1587.96
8/17/2021 17:00	2.52	3.28	145.6	1550.6
8/17/2021 18:00	2.49	3.04	139.16	1529.95
8/17/2021 19:00	2.29	2.95	134.86	1523.76
8/17/2021 20:00	2.34	2.78	129.86	1493.85
8/17/2021 21:00	2.23	2.8	122.85	1454.36
8/17/2021 22:00	2.06	2.49	116.08	1430.42
8/17/2021 23:00	1.78	2.44	110.96	1408.3
8/18/2021 0:00	1.62	2.5	107.41	1365.64
8/18/2021 1:00	1.51	2.49	105.73	1327.27
8/18/2021 2:00	1.43	2.35	104.35	1313.28
8/18/2021 3:00	1.37	2.16	105.22	1310.11
8/18/2021 4:00	1.36	2.15	109.57	1346.83
8/18/2021 5:00	1.44	2.32	120.29	1417.65

8/18/2021 6:00	1.47	2.63	133.51	1526.08
8/18/2021 7:00	1.58	3.16	144.32	1621.14
8/18/2021 8:00	1.71	3.42	151.79	1659.48
8/18/2021 9:00	1.77	3.64	157.39	1657.18
8/18/2021 10:00	1.85	3.89	164.74	1713.22
8/18/2021 11:00	2.04	4.13	170.54	1709.73
8/18/2021 12:00	2.25	4.19	172.93	1714.66
8/18/2021 13:00	2.35	4.22	176.34	1712.27
8/18/2021 14:00	2.38	4.26	174.23	1693.43
8/18/2021 15:00	2.5	4.08	169.19	1640.85
8/18/2021 16:00	2.71	3.8	161.05	1611.09
8/18/2021 17:00	2.76	3.47	152.42	1569.25
8/18/2021 18:00	2.83	3.18	145.45	1538.85
8/18/2021 19:00	2.72	3.06	141.37	1535.66
8/18/2021 20:00	2.57	2.88	135.36	1526.54
8/18/2021 21:00	2.46	2.62	128.56	1500.93
8/18/2021 22:00	2.27	2.47	121.3	1487.55
8/18/2021 23:00	2.04	2.37	115.29	1440.92
8/19/2021 0:00	1.78	2.25	111.42	1397.09
8/19/2021 1:00	1.67	2.15	109.31	1359.91
8/19/2021 2:00	1.59	2.13	107.79	1331.51
8/19/2021 3:00	1.54	2.14	108.3	1334.89
8/19/2021 4:00	1.51	2.16	112.7	1368.51
8/19/2021 5:00	1.52	2.31	122.95	1426.34
8/19/2021 6:00	1.57	2.69	136.39	1511.45
8/19/2021 7:00	1.69	3.11	147.12	1602.21
8/19/2021 8:00	1.77	3.44	153.37	1641.22
8/19/2021 9:00	1.86	3.61	157.38	1652.18
8/19/2021 10:00	1.96	3.79	161.25	1678.85
8/19/2021 11:00	1.97	3.84	162.47	1670.27
8/19/2021 12:00	2.07	3.72	160.53	1661.29
8/19/2021 13:00	2.15	3.85	162.97	1663.29
8/19/2021 14:00	2.07	3.89	162.76	1644.13
8/19/2021 15:00	2.06	3.73	158.7	1635.83
8/19/2021 16:00	2.17	3.47	150.24	1583.44
8/19/2021 17:00	2.37	3.16	142.84	1545.93
8/19/2021 18:00	2.42	2.92	137.34	1510.82
8/19/2021 19:00	2.23	2.81	134	1504.57
8/19/2021 20:00	2.18	2.69	129.01	1488.5
8/19/2021 21:00	2.14	2.51	123.12	1456.59
8/19/2021 22:00	1.94	2.4	116.93	1434.47
8/19/2021 23:00	1.78	2.29	111.72	1397.86
8/20/2021 0:00	1.6	2.19	107.36	1357.19
8/20/2021 1:00	1.5	2.12	105.65	1323.38
8/20/2021 2:00	1.42	2.06	104.58	1298.77
8/20/2021 3:00	1.38	2.05	105.12	1296.18
8/20/2021 4:00	1.35	2.08	108.88	1330.69
8/20/2021 5:00	1.43	2.25	119.63	1399.25
8/20/2021 6:00	1.5	2.6	132.49	1483.18
8/20/2021 7:00	1.65	3.09	142.48	1559.13
8/20/2021 8:00	1.73	3.52	149.49	1587.7
8/20/2021 9:00	1.78	3.5	154.29	1578.47
8/20/2021 10:00	1.86	3.75	159.62	1603.42

8/20/2021 11:00	1.98	3.96	162.82	1607.77
8/20/2021 12:00	2.1	3.87	163.11	1616.59
8/20/2021 13:00	2.3	4	165.7	1617.66
8/20/2021 14:00	2.37	3.95	165.28	1581.96
8/20/2021 15:00	2.61	3.97	161.38	1549.59
8/20/2021 16:00	2.75	3.81	155.14	1529.57
8/20/2021 17:00	2.73	3.48	148.83	1503.64
8/20/2021 18:00	2.78	3.25	142.75	1465.99
8/20/2021 19:00	2.72	3.06	137.08	1447.61
8/20/2021 20:00	2.6	2.88	130.55	1432.86
8/20/2021 21:00	2.49	2.71	122.55	1394.28
8/20/2021 22:00	2.22	2.57	115.08	1358.73
8/20/2021 23:00	2.03	2.38	109.42	1300.56
8/21/2021 0:00	1.89	2.31	105.39	1244.82
8/21/2021 1:00	1.8	2.21	103.43	1230.48
8/21/2021 2:00	1.65	2.16	101.97	1202.13
8/21/2021 3:00	1.59	2.1	101.37	1205.57
8/21/2021 4:00	1.56	2.09	102.87	1217.2
8/21/2021 5:00	1.52	2.14	108.16	1220.01
8/21/2021 6:00	1.63	2.18	114.59	1231.16
8/21/2021 7:00	1.73	2.37	119.11	1243.04
8/21/2021 8:00	1.98	2.74	125.68	1259.66
8/21/2021 9:00	2.17	3.05	131.79	1261.24
8/21/2021 10:00	2.43	3.3	136.11	1260.49
8/21/2021 11:00	2.46	3.39	136.4	1252.06
8/21/2021 12:00	2.73	3.45	136.18	1259.81
8/21/2021 13:00	2.8	3.44	136.38	1279.66
8/21/2021 14:00	2.85	3.47	135.33	1254.83
8/21/2021 15:00	2.86	3.4	134.16	1245.2
8/21/2021 16:00	2.93	3.37	132.34	1223.32
8/21/2021 17:00	3	3.12	128.43	1205.14
8/21/2021 18:00	2.91	2.94	123.24	1177.38
8/21/2021 19:00	2.81	2.86	118.48	1155.24
8/21/2021 20:00	2.58	2.76	114.48	1138.74
8/21/2021 21:00	2.41	2.56	108.24	1121.55
8/21/2021 22:00	2.27	2.41	102.61	1109.14
8/21/2021 23:00	2.02	2.28	98.8	1080.7
8/22/2021 0:00	1.82	2.19	96.29	1064.58
8/22/2021 1:00	1.69	2.09	94.78	1066.52
8/22/2021 2:00	1.61	2.04	93.88	1062.25
8/22/2021 3:00	1.52	2.04	93.85	1064.72
8/22/2021 4:00	1.45	2.04	94.18	1050.41
8/22/2021 5:00	1.44	2.08	96.95	1054.75
8/22/2021 6:00	1.5	2.03	99.9	1059.67
8/22/2021 7:00	1.63	2.2	102.18	1060.2
8/22/2021 8:00	1.86	2.27	105.34	1064.77
8/22/2021 9:00	1.88	2.37	108.02	1073.99
8/22/2021 10:00	2.15	2.5	109.73	1072.39
8/22/2021 11:00	2.19	2.53	111.43	1084.2
8/22/2021 12:00	2.29	2.52	111.49	1077.23
8/22/2021 13:00	2.34	2.52	111.33	1067.01
8/22/2021 14:00	2.24	2.47	110.44	1062.74
8/22/2021 15:00	2.17	2.44	109.99	1052.27

8/22/2021 16:00	2.32	2.43	108.53	1046
8/22/2021 17:00	2.48	2.39	106.76	1027.39
8/22/2021 18:00	2.28	2.27	104.9	1024.43
8/22/2021 19:00	2.15	2.32	103.42	1021.6
8/22/2021 20:00	2.12	2.23	100.05	1026.66
8/22/2021 21:00	1.95	2.13	97.41	1027.74
8/22/2021 22:00	1.77	2.05	96.01	1042.69
8/22/2021 23:00	1.61	2.02	95.25	1069.9
8/23/2021 0:00	1.44	1.99	94.48	1097.7
8/23/2021 1:00	1.35	1.96	95.04	1100.13
8/23/2021 2:00	1.33	1.94	95.23	1108.18
8/23/2021 3:00	1.28	2.03	97.73	1139.29
8/23/2021 4:00	1.32	2.05	103.42	1212.4
8/23/2021 5:00	1.33	2.27	114.4	1313.21
8/23/2021 6:00	1.42	2.52	130.24	1435.71
8/23/2021 7:00	1.61	3.14	142.74	1539.16
8/23/2021 8:00	1.72	3.43	151.36	1583.26
8/23/2021 9:00	1.77	3.74	156.47	1595.53
8/23/2021 10:00	1.95	3.87	161.86	1642.05
8/23/2021 11:00	2.1	4	164.52	1651.55
8/23/2021 12:00	2.15	3.93	163.88	1650.29
8/23/2021 13:00	2.24	3.99	165.83	1667.23
8/23/2021 14:00	2.15	3.99	163.36	1656.1
8/23/2021 15:00	2.26	3.76	157.91	1618.96
8/23/2021 16:00	2.29	3.49	148.42	1561.15
8/23/2021 17:00	2.42	3.06	138.99	1504.41
8/23/2021 18:00	2.49	2.79	132.49	1480.17
8/23/2021 19:00	2.31	2.67	129.16	1465.32
8/23/2021 20:00	2.25	2.57	124.18	1450.66
8/23/2021 21:00	2.03	2.41	117.78	1424.42
8/23/2021 22:00	1.79	2.27	111.46	1389.69
8/23/2021 23:00	1.58	2.15	106.88	1354.82
8/24/2021 0:00	1.52	2.12	104.37	1335.33
8/24/2021 1:00	1.4	2.04	102.73	1320.47
8/24/2021 2:00	1.35	2.02	102.03	1301.44
8/24/2021 3:00	1.26	2.04	103.33	1312.14
8/24/2021 4:00	1.29	2.08	108.55	1346.64
8/24/2021 5:00	1.34	2.31	117.95	1438.28
8/24/2021 6:00	1.44	2.57	132.3	1494.99
8/24/2021 7:00	1.61	3.19	145.03	1550.9
8/24/2021 8:00	1.69	3.6	154.89	1628.65
8/24/2021 9:00	1.8	3.78	161.65	1656.94
8/24/2021 10:00	1.98	4.22	167.6	1692.14
8/24/2021 11:00	2.27	4.41	172.95	1702.03
8/24/2021 12:00	2.45	4.39	175.07	1675.51
8/24/2021 13:00	2.69	4.57	178.2	1710.22
8/24/2021 14:00	2.75	4.62	178.95	1691.32
8/24/2021 15:00	2.9	4.37	175.23	1683.39
8/24/2021 16:00	3.13	4.14	167.27	1640.02
8/24/2021 17:00	3.23	3.79	159.03	1613.31
8/24/2021 18:00	3.18	3.44	151.39	1589.25
8/24/2021 19:00	3.03	3.17	145.3	1572.09
8/24/2021 20:00	2.8	3.01	137.75	1548.78

8/24/2021 21:00	2.53	2.75	129.15	1518.29
8/24/2021 22:00	2.28	2.5	121.55	1491.06
8/24/2021 23:00	2.06	2.39	115.83	1451.67
8/25/2021 0:00	1.83	2.27	111.61	1414.88
8/25/2021 1:00	1.7	2.18	108.98	1380.84
8/25/2021 2:00	1.58	2.15	107.27	1351.14
8/25/2021 3:00	1.51	2.14	107.56	1348.6
8/25/2021 4:00	1.46	2.15	110.77	1375.35
8/25/2021 5:00	1.53	2.29	120.82	1437.78
8/25/2021 6:00	1.62	2.57	134.92	1531.01
8/25/2021 7:00	1.71	3.19	147.32	1602.82
8/25/2021 8:00	1.76	3.52	157.07	1645.38
8/25/2021 9:00	1.92	3.77	164.89	1661.12
8/25/2021 10:00	2.16	4.32	172.38	1703.23
8/25/2021 11:00	2.4	4.52	177.72	1697.79
8/25/2021 12:00	2.67	4.6	178.18	1704.61
8/25/2021 13:00	2.77	4.81	182.08	1717.92
8/25/2021 14:00	2.91	5.02	181.07	1702.65
8/25/2021 15:00	3.04	4.8	176.92	1688.3
8/25/2021 16:00	3.12	4.31	167.11	1648.4
8/25/2021 17:00	3.31	3.83	158.6	1613.23
8/25/2021 18:00	3.23	3.47	150.54	1567.56
8/25/2021 19:00	2.96	3.31	143.78	1557.04
8/25/2021 20:00	2.81	3.09	136.73	1535.74
8/25/2021 21:00	2.56	2.93	128.16	1505.15
8/25/2021 22:00	2.27	2.72	120.66	1473.24
8/25/2021 23:00	2.03	2.66	114.97	1444.31
8/26/2021 0:00	1.84	2.74	110.61	1411.57
8/26/2021 1:00	1.67	2.7	108.3	1374.07
8/26/2021 2:00	1.56	2.56	107.03	1347.49
8/26/2021 3:00	1.51	2.35	107.52	1343.53
8/26/2021 4:00	1.48	2.32	111.71	1364.71
8/26/2021 5:00	1.53	2.43	121.78	1449.78
8/26/2021 6:00	1.65	2.87	136.11	1557.89
8/26/2021 7:00	1.78	3.31	149.96	1647.71
8/26/2021 8:00	1.8	3.7	161.54	1689.87
8/26/2021 9:00	2.13	4.04	170.59	1719.64
8/26/2021 10:00	2.32	4.55	179.3	1771.59
8/26/2021 11:00	2.74	4.79	186.19	1783.52
8/26/2021 12:00	2.89	4.88	188.44	1809.55
8/26/2021 13:00	3.05	5.08	191.66	1829.85
8/26/2021 14:00	3.14	5.36	191.58	1795.53
8/26/2021 15:00	3.31	4.87	185.41	1719.4
8/26/2021 16:00	3.38	4.51	173.83	1615.78
8/26/2021 17:00	3.49	4.06	165.26	1581.9
8/26/2021 18:00	3.53	3.75	157.02	1562.12
8/26/2021 19:00	3.35	3.65	152.05	1587.66
8/26/2021 20:00	3.17	3.5	144.75	1576.19
8/26/2021 21:00	2.98	3.08	135.47	1536.91
8/26/2021 22:00	2.62	2.82	127.75	1514.87
8/26/2021 23:00	2.36	2.64	121.25	1472.25
8/27/2021 0:00	2.06	2.76	116.88	1430.76
8/27/2021 1:00	1.95	2.75	113.76	1390.71

8/27/2021 2:00	1.85	2.74	111.95	1362.56
8/27/2021 3:00	1.77	2.56	111.92	1363.9
8/27/2021 4:00	1.71	2.48	115.21	1392.94
8/27/2021 5:00	1.74	2.5	125.34	1464.89
8/27/2021 6:00	1.78	2.98	138.15	1555.02
8/27/2021 7:00	1.93	3.56	151.3	1630.41
8/27/2021 8:00	2.01	3.82	161.86	1662.34
8/27/2021 9:00	2.28	3.98	168.55	1677.74
8/27/2021 10:00	2.4	4.26	174.13	1712.88
8/27/2021 11:00	2.5	4.51	176.89	1706.73
8/27/2021 12:00	2.7	4.56	177.04	1674.83
8/27/2021 13:00	2.83	4.68	178.66	1674.86
8/27/2021 14:00	2.86	4.63	175.5	1627.86
8/27/2021 15:00	2.93	4.26	168.63	1568.07
8/27/2021 16:00	3.02	4.07	160.16	1553.11
8/27/2021 17:00	3.1	3.62	151.98	1514.98
8/27/2021 18:00	2.95	3.34	143.8	1461.31
8/27/2021 19:00	2.74	3.29	137.67	1417.53
8/27/2021 20:00	2.59	3.19	130.5	1386.11
8/27/2021 21:00	2.46	2.79	121.17	1333.49
8/27/2021 22:00	2.17	2.52	111.76	1269.6
8/27/2021 23:00	1.89	2.38	104.94	1196.43
8/28/2021 0:00	1.69	2.51	100.26	1158.11
8/28/2021 1:00	1.55	2.45	97.72	1127.17
8/28/2021 2:00	1.4	2.45	95.7	1111.98
8/28/2021 3:00	1.3	2.25	95.09	1115.51
8/28/2021 4:00	1.25	2.1	95.85	1123.18
8/28/2021 5:00	1.26	2.01	100.01	1139.71
8/28/2021 6:00	1.33	2.06	104.91	1155.52
8/28/2021 7:00	1.45	2.27	107.25	1157.26
8/28/2021 8:00	1.55	2.49	109.39	1144.75
8/28/2021 9:00	1.71	2.56	112.57	1136.45
8/28/2021 10:00	1.78	2.68	113.63	1128.25
8/28/2021 11:00	1.74	2.78	113.59	1116.01
8/28/2021 12:00	1.7	2.7	112.79	1111.58
8/28/2021 13:00	1.8	2.73	112.86	1102.3
8/28/2021 14:00	1.77	2.66	111.27	1093.76
8/28/2021 15:00	1.77	2.54	110.09	1086.17
8/28/2021 16:00	1.78	2.45	108.14	1071.53
8/28/2021 17:00	1.81	2.36	105.83	1053.27
8/28/2021 18:00	1.8	2.34	102.74	1040.29
8/28/2021 19:00	1.7	2.3	101.32	1029.95
8/28/2021 20:00	1.55	2.35	98.95	1017.16
8/28/2021 21:00	1.54	2.29	94.98	1012.33
8/28/2021 22:00	1.44	2.07	91.25	1000.54
8/28/2021 23:00	1.27	1.97	88.49	987.02
8/29/2021 0:00	1.19	2.16	86.63	980.39
8/29/2021 1:00	1.08	2.18	85.34	979.85
8/29/2021 2:00	1.03	2.24	84.59	982.25
8/29/2021 3:00	0.98	2.01	84.95	983.84
8/29/2021 4:00	1	1.87	86.56	984.34
8/29/2021 5:00	1	1.84	88.36	967.44
8/29/2021 6:00	1.09	1.88	91.81	979.09

8/29/2021 7:00	1.23	1.95	93.44	992.74
8/29/2021 8:00	1.37	2.04	95.78	998.53
8/29/2021 9:00	1.53	2.08	98.75	998.6
8/29/2021 10:00	1.73	2.19	101.49	1006.71
8/29/2021 11:00	1.79	2.34	103.32	1010.54
8/29/2021 12:00	1.74	2.36	104.51	1012.83
8/29/2021 13:00	1.7	2.32	105.43	1015.17
8/29/2021 14:00	1.63	2.3	105.62	1001.19
8/29/2021 15:00	1.69	2.26	105.12	1007
8/29/2021 16:00	1.83	2.26	103.99	1001.38
8/29/2021 17:00	1.95	2.3	102.66	998.59
8/29/2021 18:00	1.92	2.2	100.4	1000.26
8/29/2021 19:00	1.9	2.18	99.4	1002.96
8/29/2021 20:00	1.82	2.11	96.52	1007.17
8/29/2021 21:00	1.68	2.03	94.25	1006.84
8/29/2021 22:00	1.48	1.96	93.3	1020.47
8/29/2021 23:00	1.34	1.9	92.53	1046.96
8/30/2021 0:00	1.27	1.84	92.15	1076.58
8/30/2021 1:00	1.14	1.78	92.26	1078.98
8/30/2021 2:00	1.13	1.79	92.41	1091.39
8/30/2021 3:00	1.06	1.83	95.24	1134.5
8/30/2021 4:00	1.09	1.91	100.48	1190.66
8/30/2021 5:00	1.22	2.06	112.4	1281.44
8/30/2021 6:00	1.28	2.45	128.95	1412.24
8/30/2021 7:00	1.43	3.11	142.83	1493.4
8/30/2021 8:00	1.46	3.46	152.74	1540.27
8/30/2021 9:00	1.51	3.7	158.42	1572.37
8/30/2021 10:00	1.7	3.86	165.08	1621.7
8/30/2021 11:00	1.81	4.03	168.74	1626.22
8/30/2021 12:00	1.95	4.05	169.13	1648.33
8/30/2021 13:00	2	4.16	171.41	1679.46
8/30/2021 14:00	2.05	4.11	171.04	1658.99
8/30/2021 15:00	2.2	3.98	166.76	1624.22
8/30/2021 16:00	2.45	3.75	157.93	1573.18
8/30/2021 17:00	2.8	3.37	150.75	1541.46
8/30/2021 18:00	2.84	3.18	142.98	1517.54
8/30/2021 19:00	2.72	3.09	138.01	1505.22
8/30/2021 20:00	2.56	2.98	130.82	1482.35
8/30/2021 21:00	2.35	2.74	122.7	1443.29
8/30/2021 22:00	2.05	2.45	115.71	1425.76
8/30/2021 23:00	1.81	2.27	110.62	1391.66
8/31/2021 0:00	1.61	2.48	106.43	1350.2
8/31/2021 1:00	1.45	2.44	103.32	1310.7
8/31/2021 2:00	1.35	2.49	101.05	1270.51
8/31/2021 3:00	1.27	2.22	101.22	1269.1
8/31/2021 4:00	1.28	2.06	104.44	1302.9
8/31/2021 5:00	1.29	2.19	114.16	1376.5
8/31/2021 6:00	1.4	2.54	128.48	1480.29
8/31/2021 7:00	1.53	2.98	141.16	1562.32
8/31/2021 8:00	1.55	3.37	150.19	1598.08
8/31/2021 9:00	1.74	3.62	156.25	1606.62
8/31/2021 10:00	1.84	4.04	161.46	1641.69
8/31/2021 11:00	1.92	4.19	164.54	1630.79

8/31/2021 12:00	1.95	4.07	163.2	1601.61
8/31/2021 13:00	2.03	4.25	164.6	1606.06
8/31/2021 14:00	2.06	4.14	164.44	1601.12
8/31/2021 15:00	2.14	4.04	160.15	1576.28
8/31/2021 16:00	2.26	3.74	150.96	1522.33
8/31/2021 17:00	2.53	3.41	143.93	1485.9
8/31/2021 18:00	2.47	3.01	137	1464.2
8/31/2021 19:00	2.4	2.83	131.31	1445.44
8/31/2021 20:00	2.31	2.76	124.41	1412.19
8/31/2021 21:00	2.02	2.48	116.73	1383.94
8/31/2021 22:00	1.79	2.16	109.24	1362.75
8/31/2021 23:00	1.6	2.08	103.96	1322.83
9/1/2021 0:00	1.41	2.29	100.65	1292.04
9/1/2021 1:00	1.28	2.28	98.87	1260.02
9/1/2021 2:00	1.18	2.34	97.16	1236.73
9/1/2021 3:00	1.16	2.11	97.65	1239.59
9/1/2021 4:00	1.16	2	101.66	1281.19
9/1/2021 5:00	1.22	2.13	111.11	1363.23
9/1/2021 6:00	1.37	2.44	125.18	1446.92
9/1/2021 7:00	1.38	2.85	137.83	1523.24
9/1/2021 8:00	1.4	3.2	147.36	1557.52
9/1/2021 9:00	1.45	3.44	151.76	1578.85
9/1/2021 10:00	1.42	3.73	155.75	1606.88
9/1/2021 11:00	1.47	3.88	157.9	1604.22
9/1/2021 12:00	1.45	3.72	156.22	1598.99
9/1/2021 13:00	1.47	3.76	157.25	1591.84
9/1/2021 14:00	1.55	3.64	153.84	1566.03
9/1/2021 15:00	1.53	3.41	146.5	1530.96
9/1/2021 16:00	1.59	3.1	136.3	1480.69
9/1/2021 17:00	1.78	2.73	129.2	1422.23
9/1/2021 18:00	2	2.51	125.51	1412.24
9/1/2021 19:00	1.86	2.51	121.96	1400.03
9/1/2021 20:00	1.74	2.33	115.84	1371.65
9/1/2021 21:00	1.58	2.08	108.76	1324.33
9/1/2021 22:00	1.4	1.97	102.58	1301.1
9/1/2021 23:00	1.25	1.89	98.08	1273.25
9/2/2021 0:00	1.13	1.8	94.98	1235.14
9/2/2021 1:00	1.09	1.74	93.16	1208.49
9/2/2021 2:00	1	1.74	92.32	1187.22
9/2/2021 3:00	0.96	1.76	93.47	1185.86
9/2/2021 4:00	1	1.83	97.31	1199.65
9/2/2021 5:00	1.08	1.96	107.05	1290.77
9/2/2021 6:00	1.22	2.28	122.06	1375
9/2/2021 7:00	1.28	2.65	132.57	1436.44
9/2/2021 8:00	1.28	2.97	139.57	1467.85
9/2/2021 9:00	1.37	3.12	144.01	1492.38
9/2/2021 10:00	1.4	3.4	148.28	1501.9
9/2/2021 11:00	1.49	3.57	150.54	1482.87
9/2/2021 12:00	1.5	3.54	150.39	1489.64
9/2/2021 13:00	1.48	3.63	152.16	1512.74
9/2/2021 14:00	1.47	3.55	151.54	1489.84
9/2/2021 15:00	1.52	3.38	146.47	1480.56
9/2/2021 16:00	1.51	3.18	136.42	1422.33

9/2/2021 17:00	1.68	2.86	129.2	1377.03
9/2/2021 18:00	1.75	2.58	122.94	1338.09
9/2/2021 19:00	1.7	2.48	119.41	1326.86
9/2/2021 20:00	1.72	2.33	113.17	1294.14
9/2/2021 21:00	1.5	2.07	106.21	1261.93
9/2/2021 22:00	1.35	1.94	99.67	1252.92
9/2/2021 23:00	1.2	1.86	95.62	1218.91
9/3/2021 0:00	1.03	1.77	93.29	1184.53
9/3/2021 1:00	1.01	1.72	91.39	1152.46
9/3/2021 2:00	0.97	1.7	89.7	1127.35
9/3/2021 3:00	0.93	1.73	90.68	1121.63
9/3/2021 4:00	0.92	1.72	93.7	1141.35
9/3/2021 5:00	1	1.95	101.94	1216.4
9/3/2021 6:00	1.15	2.17	113.05	1288.52
9/3/2021 7:00	1.31	2.52	122.89	1341.27
9/3/2021 8:00	1.38	2.85	129.93	1367.51
9/3/2021 9:00	1.33	2.96	133.76	1373.79
9/3/2021 10:00	1.45	3.26	138.13	1391.47
9/3/2021 11:00	1.49	3.38	140.79	1397.56
9/3/2021 12:00	1.51	3.38	140.29	1375.54
9/3/2021 13:00	1.49	3.38	141.16	1369.05
9/3/2021 14:00	1.46	3.34	138.61	1337.33
9/3/2021 15:00	1.43	3.12	132.46	1307.52
9/3/2021 16:00	1.53	2.97	127.72	1304.9
9/3/2021 17:00	1.72	2.81	122.55	1282.35
9/3/2021 18:00	1.68	2.58	116.91	1249.89
9/3/2021 19:00	1.62	2.49	113.18	1226.28
9/3/2021 20:00	1.57	2.45	108.5	1199.88
9/3/2021 21:00	1.55	2.33	101.41	1157.69
9/3/2021 22:00	1.43	2.08	94.92	1113.62
9/3/2021 23:00	1.25	1.94	90.15	1061.71
9/4/2021 0:00	1.11	2.1	85.47	1028.19
9/4/2021 1:00	1.02	2.09	83.75	1009.06
9/4/2021 2:00	0.97	2.15	82.7	990.06
9/4/2021 3:00	0.94	1.91	83.34	979.07
9/4/2021 4:00	0.93	1.79	84.96	975.47
9/4/2021 5:00	0.96	1.73	87.95	978.9
9/4/2021 6:00	1.11	1.75	91.88	984.42
9/4/2021 7:00	1.23	1.9	94.41	992.88
9/4/2021 8:00	1.36	2.07	98.06	1009.94
9/4/2021 9:00	1.43	2.24	103.12	1017.94
9/4/2021 10:00	1.54	2.48	106.72	1018.66
9/4/2021 11:00	1.56	2.62	108.41	1007.3
9/4/2021 12:00	1.58	2.58	109.62	1014.14
9/4/2021 13:00	1.59	2.58	111.34	1019.44
9/4/2021 14:00	1.57	2.65	111.23	1018.38
9/4/2021 15:00	1.54	2.7	111.87	1019.82
9/4/2021 16:00	1.63	2.69	110.7	1014.82
9/4/2021 17:00	1.76	2.63	108.42	1004.9
9/4/2021 18:00	1.82	2.53	105.22	993.92
9/4/2021 19:00	1.72	2.42	102.24	987.01
9/4/2021 20:00	1.55	2.29	97.95	971.04
9/4/2021 21:00	1.56	2.11	92.57	957.99

9/4/2021 22:00	1.43	1.95	87.18	940.75
9/4/2021 23:00	1.23	1.86	84.36	926.05
9/5/2021 0:00	1.13	2.01	81.81	915.8
9/5/2021 1:00	1.05	1.85	80.72	904.56
9/5/2021 2:00	1	1.71	79.86	898.48
9/5/2021 3:00	0.95	1.66	80.2	896.13
9/5/2021 4:00	0.94	1.69	80.81	903.48
9/5/2021 5:00	0.99	1.71	82.59	905.26
9/5/2021 6:00	1.04	1.73	85.22	910.43
9/5/2021 7:00	1.21	1.8	87.05	912.89
9/5/2021 8:00	1.34	1.87	89.96	924.14
9/5/2021 9:00	1.45	1.93	93.06	935.47
9/5/2021 10:00	1.62	2.06	95.93	942.31
9/5/2021 11:00	1.7	2.15	98.84	950.35
9/5/2021 12:00	1.62	2.2	100.54	964.89
9/5/2021 13:00	1.57	2.23	102.38	979.3
9/5/2021 14:00	1.65	2.25	103.33	983.11
9/5/2021 15:00	1.64	2.26	102.98	982.67
9/5/2021 16:00	1.7	2.22	102.51	977.51
9/5/2021 17:00	1.83	2.18	100.92	967.96
9/5/2021 18:00	1.86	2.16	99.43	958.53
9/5/2021 19:00	1.81	2.22	98.23	953.32
9/5/2021 20:00	1.65	2.08	93.73	945.32
9/5/2021 21:00	1.49	1.99	90.7	940.02
9/5/2021 22:00	1.43	2.08	88.83	937.31
9/5/2021 23:00	1.29	2.26	87.91	931.01
9/6/2021 0:00	1.15	2.19	86.62	930.9
9/6/2021 1:00	1.1	2.13	85.64	927.48
9/6/2021 2:00	1.03	1.91	85.27	914.64
9/6/2021 3:00	0.99	1.84	85.94	910.23
9/6/2021 4:00	0.99	1.82	88	913.26
9/6/2021 5:00	1.03	1.87	92.26	922.67
9/6/2021 6:00	1.1	1.87	96.65	943.11
9/6/2021 7:00	1.31	1.95	98.5	949.07
9/6/2021 8:00	1.41	2.03	102.32	957.95
9/6/2021 9:00	1.67	2.28	107.4	965.67
9/6/2021 10:00	1.86	2.45	111.9	961.35
9/6/2021 11:00	2.03	2.51	114.51	960.02
9/6/2021 12:00	2.05	2.55	117.19	974.4
9/6/2021 13:00	2.15	2.61	118.01	978.11
9/6/2021 14:00	2.16	2.67	117.8	969.7
9/6/2021 15:00	2.16	2.69	116.01	973.09
9/6/2021 16:00	2.17	2.59	112.24	966.14
9/6/2021 17:00	2.22	2.59	110.38	968.65
9/6/2021 18:00	2.2	2.43	105.88	961.66
9/6/2021 19:00	2.18	2.35	102.4	946.3
9/6/2021 20:00	2.06	2.2	97.68	938.28
9/6/2021 21:00	1.79	2.07	92.57	934.99
9/6/2021 22:00	1.54	2.12	88.67	937.58
9/6/2021 23:00	1.28	1.86	86.29	949.18
9/7/2021 0:00	1.19	1.84	84.74	960.34
9/7/2021 1:00	1.11	1.79	83.8	971.03
9/7/2021 2:00	1.04	1.67	83.54	970.16

9/7/2021 3:00	1.01	1.68	84.83	1002.22
9/7/2021 4:00	1	1.71	88.91	1056.77
9/7/2021 5:00	1.08	1.89	99.18	1150.28
9/7/2021 6:00	1.23	2.17	113.52	1278.76
9/7/2021 7:00	1.31	2.69	127.36	1392.44
9/7/2021 8:00	1.26	3.11	137.76	1456.81
9/7/2021 9:00	1.36	3.27	144.2	1486.67
9/7/2021 10:00	1.41	3.75	150.37	1512.74
9/7/2021 11:00	1.57	3.91	154.57	1535.09
9/7/2021 12:00	1.61	4.05	154.86	1544.44
9/7/2021 13:00	1.67	4.1	156.75	1569.96
9/7/2021 14:00	1.68	3.98	155.25	1525.27
9/7/2021 15:00	1.68	3.69	149.59	1479.3
9/7/2021 16:00	1.81	3.39	141.35	1447.92
9/7/2021 17:00	2.06	3.08	134.64	1421.89
9/7/2021 18:00	2.01	2.71	127.54	1394.11
9/7/2021 19:00	1.91	2.62	122.45	1370.74
9/7/2021 20:00	1.79	2.54	116.08	1356.94
9/7/2021 21:00	1.68	2.43	108.88	1332.7
9/7/2021 22:00	1.5	2.46	103.09	1302.53
9/7/2021 23:00	1.28	2.38	97.81	1256.04
9/8/2021 0:00	1.16	2.27	95.06	1213.44
9/8/2021 1:00	1.12	2.08	92.57	1192.94
9/8/2021 2:00	1.01	2.01	91.82	1176.45
9/8/2021 3:00	0.97	1.87	92.36	1169.1
9/8/2021 4:00	0.96	1.81	96.03	1189.76
9/8/2021 5:00	1.06	1.98	104.85	1277.04
9/8/2021 6:00	1.21	2.26	119.56	1377.38
9/8/2021 7:00	1.33	2.93	132.66	1475.74
9/8/2021 8:00	1.3	3.22	142.44	1526.33
9/8/2021 9:00	1.28	3.45	149.32	1546.79
9/8/2021 10:00	1.44	3.74	155.99	1591.34
9/8/2021 11:00	1.43	3.86	163.1	1612.35
9/8/2021 12:00	1.54	3.92	165.83	1633.11
9/8/2021 13:00	1.67	4.19	168.51	1638.69
9/8/2021 14:00	1.69	4.1	166.76	1598.3
9/8/2021 15:00	1.82	3.91	160.25	1573.4
9/8/2021 16:00	1.89	3.61	150.41	1529.84
9/8/2021 17:00	2.1	3.2	142.83	1496.18
9/8/2021 18:00	2.12	2.89	135.75	1446.42
9/8/2021 19:00	2.09	2.75	132.82	1441.46
9/8/2021 20:00	2.03	2.48	126.19	1433.71
9/8/2021 21:00	1.95	2.33	119.21	1401.6
9/8/2021 22:00	1.75	2.17	111.93	1377.65
9/8/2021 23:00	1.55	2.05	106.8	1348.43
9/9/2021 0:00	1.42	1.99	103.36	1310.52
9/9/2021 1:00	1.33	1.93	100.81	1290.07
9/9/2021 2:00	1.26	1.87	99.57	1278.36
9/9/2021 3:00	1.19	1.88	100.42	1276.92
9/9/2021 4:00	1.19	1.93	104.5	1301.53
9/9/2021 5:00	1.3	2.15	114.86	1384.93
9/9/2021 6:00	1.42	2.51	131.51	1486.33
9/9/2021 7:00	1.48	2.97	144.71	1572.7

9/9/2021 8:00	1.49	3.24	153.14	1595.77
9/9/2021 9:00	1.49	3.37	157.79	1607.83
9/9/2021 10:00	1.53	3.59	160.93	1635.06
9/9/2021 11:00	1.57	3.67	163.19	1629.92
9/9/2021 12:00	1.64	3.62	161.48	1619.7
9/9/2021 13:00	1.67	3.68	161.6	1639.35
9/9/2021 14:00	1.6	3.6	159.51	1622.92
9/9/2021 15:00	1.68	3.36	152.43	1575.31
9/9/2021 16:00	1.74	3.04	142.35	1525.74
9/9/2021 17:00	1.92	2.64	134.36	1471.53
9/9/2021 18:00	2	2.47	129.41	1445.76
9/9/2021 19:00	1.95	2.41	125.85	1415.2
9/9/2021 20:00	1.88	2.26	120.19	1405.85
9/9/2021 21:00	1.88	2.1	114.12	1377.54
9/9/2021 22:00	1.66	1.94	107.52	1357.57
9/9/2021 23:00	1.49	1.9	103.01	1322.15
9/10/2021 0:00	1.29	1.87	100.49	1298.3
9/10/2021 1:00	1.18	1.81	98.71	1277.93
9/10/2021 2:00	1.13	1.78	97.21	1243.27
9/10/2021 3:00	1.08	1.79	98.06	1240.16
9/10/2021 4:00	1.09	1.81	101.69	1271.72
9/10/2021 5:00	1.15	2.04	111.14	1320.14
9/10/2021 6:00	1.29	2.34	124.76	1393.43
9/10/2021 7:00	1.4	2.7	135.06	1472.24
9/10/2021 8:00	1.33	3.06	143.67	1522.92
9/10/2021 9:00	1.43	3.23	148.61	1533.35
9/10/2021 10:00	1.51	3.39	151.22	1539.44
9/10/2021 11:00	1.6	3.59	153.15	1529.95
9/10/2021 12:00	1.56	3.37	151.17	1518.09
9/10/2021 13:00	1.58	3.47	151.06	1525.17
9/10/2021 14:00	1.61	3.32	146.46	1482.12
9/10/2021 15:00	1.54	3.04	138.47	1395.95
9/10/2021 16:00	1.61	2.95	131.09	1368.73
9/10/2021 17:00	1.64	2.69	124.18	1327.43
9/10/2021 18:00	1.64	2.39	118.62	1299.31
9/10/2021 19:00	1.65	2.4	115.3	1280.06
9/10/2021 20:00	1.56	2.15	109.92	1251.59
9/10/2021 21:00	1.39	1.97	102.16	1201.81
9/10/2021 22:00	1.39	1.85	95.61	1157.89
9/10/2021 23:00	1.19	1.77	90.33	1109.96
9/11/2021 0:00	1.01	1.69	86.86	1076.37
9/11/2021 1:00	1	1.61	84.79	1057.72
9/11/2021 2:00	0.94	1.59	84.12	1035.82
9/11/2021 3:00	0.92	1.6	83.53	1028.5
9/11/2021 4:00	0.89	1.6	84.63	1024.04
9/11/2021 5:00	0.93	1.67	88.86	1026.43
9/11/2021 6:00	1.06	1.74	93.05	1033.8
9/11/2021 7:00	1.23	1.87	95.45	1023.66
9/11/2021 8:00	1.31	2.02	98.42	1035.04
9/11/2021 9:00	1.38	2.14	102.13	1042.09
9/11/2021 10:00	1.43	2.34	105.74	1061.7
9/11/2021 11:00	1.48	2.46	108.54	1065.55
9/11/2021 12:00	1.49	2.52	108.93	1077.99

9/11/2021 13:00	1.59	2.63	110.31	1084.22
9/11/2021 14:00	1.64	2.56	110.52	1075.59
9/11/2021 15:00	1.46	2.5	110.02	1050.29
9/11/2021 16:00	1.59	2.51	109.08	1045.12
9/11/2021 17:00	1.71	2.41	107.55	1047.47
9/11/2021 18:00	1.66	2.34	104	1022.07
9/11/2021 19:00	1.7	2.33	101.6	1011.07
9/11/2021 20:00	1.57	2.18	97.25	993.74
9/11/2021 21:00	1.44	2.17	92.45	983.2
9/11/2021 22:00	1.3	2.36	88.16	973.12
9/11/2021 23:00	1.22	2.23	85.26	956.94
9/12/2021 0:00	1.13	2.13	82.95	945.36
9/12/2021 1:00	1.04	2.03	81.9	937.7
9/12/2021 2:00	0.98	1.93	81.2	938.21
9/12/2021 3:00	0.94	1.73	81.44	936.15
9/12/2021 4:00	0.92	1.74	82.07	941.76
9/12/2021 5:00	0.96	1.78	84.25	951.26
9/12/2021 6:00	1.05	1.71	87.28	965.03
9/12/2021 7:00	1.17	1.76	89.46	974.63
9/12/2021 8:00	1.45	1.83	92.8	998.41
9/12/2021 9:00	1.52	2.04	96.74	1021.38
9/12/2021 10:00	1.63	2.18	101.32	1036.68
9/12/2021 11:00	1.63	2.31	106.25	1043.93
9/12/2021 12:00	1.75	2.38	109.6	1063.03
9/12/2021 13:00	1.92	2.55	112.35	1081.09
9/12/2021 14:00	1.93	2.62	113.97	1096.57
9/12/2021 15:00	1.94	2.62	114.71	1100.61
9/12/2021 16:00	2.02	2.48	113.8	1097.7
9/12/2021 17:00	2.25	2.4	111.67	1089.52
9/12/2021 18:00	2.18	2.34	107.99	1084.34
9/12/2021 19:00	2.23	2.28	105.89	1079.59
9/12/2021 20:00	2.15	2.24	100.83	1073.21
9/12/2021 21:00	1.96	2.19	97.26	1067.35
9/12/2021 22:00	1.67	2.38	95.42	1060.94
9/12/2021 23:00	1.47	2.28	94.43	1071.57
9/13/2021 0:00	1.39	2.07	93.77	1082.39
9/13/2021 1:00	1.28	1.97	93.77	1089.56
9/13/2021 2:00	1.24	1.85	92.93	1099.1
9/13/2021 3:00	1.2	1.88	94.46	1124.64
9/13/2021 4:00	1.16	1.96	98.96	1175.38
9/13/2021 5:00	1.22	2.12	109.47	1245.68
9/13/2021 6:00	1.35	2.41	124.2	1343.35
9/13/2021 7:00	1.45	2.76	136.95	1434.61
9/13/2021 8:00	1.36	3.1	144.41	1462.48
9/13/2021 9:00	1.43	3.48	149.54	1485.68
9/13/2021 10:00	1.53	3.56	154.58	1518.71
9/13/2021 11:00	1.62	3.71	157.93	1512.12
9/13/2021 12:00	1.67	3.69	156.84	1507.39
9/13/2021 13:00	1.7	3.87	157.88	1516.42
9/13/2021 14:00	1.72	3.89	155.65	1507.36
9/13/2021 15:00	1.71	3.57	150.17	1488.6
9/13/2021 16:00	1.78	3.29	142.05	1448.03
9/13/2021 17:00	1.98	2.96	134.65	1404.83

9/13/2021 18:00	2.05	2.67	128.17	1378.63
9/13/2021 19:00	2.13	2.61	123.31	1362.46
9/13/2021 20:00	1.85	2.36	115.89	1340.21
9/13/2021 21:00	1.67	2.15	108.88	1314.65
9/13/2021 22:00	1.43	1.96	102.4	1286.33
9/13/2021 23:00	1.31	1.87	97.83	1254.28
9/14/2021 0:00	1.16	1.81	94.77	1217.94
9/14/2021 1:00	1.06	1.76	93.13	1197.99
9/14/2021 2:00	0.99	1.71	91.78	1188.56
9/14/2021 3:00	0.97	1.71	92.08	1182.91
9/14/2021 4:00	0.98	1.78	95.37	1213.42
9/14/2021 5:00	1	1.86	104.72	1278.7
9/14/2021 6:00	1.25	2.22	118.52	1368.39
9/14/2021 7:00	1.3	2.78	130.05	1442.64
9/14/2021 8:00	1.26	3.07	139.2	1481.77
9/14/2021 9:00	1.32	3.17	144.43	1485.23
9/14/2021 10:00	1.35	3.38	149.74	1507.54
9/14/2021 11:00	1.34	3.47	153.68	1514.64
9/14/2021 12:00	1.39	3.51	153.5	1519.27
9/14/2021 13:00	1.42	3.64	156.19	1532.73
9/14/2021 14:00	1.49	3.63	154.69	1520.57
9/14/2021 15:00	1.5	3.46	149.45	1491.91
9/14/2021 16:00	1.55	3.18	139.68	1446.45
9/14/2021 17:00	1.81	2.9	131.15	1397.6
9/14/2021 18:00	1.93	2.62	125.79	1367.68
9/14/2021 19:00	1.96	2.5	122.96	1354.73
9/14/2021 20:00	1.75	2.34	116.77	1340.55
9/14/2021 21:00	1.59	2.12	110.81	1319.14
9/14/2021 22:00	1.42	1.97	104.7	1304.65
9/14/2021 23:00	1.29	1.92	100.77	1281.43
9/15/2021 0:00	1.18	1.85	97.93	1259.27
9/15/2021 1:00	1.09	1.82	96.41	1232.26
9/15/2021 2:00	1.03	1.82	95.9	1219.73
9/15/2021 3:00	1	1.81	97.29	1230.26
9/15/2021 4:00	1.02	1.87	102.08	1271.28
9/15/2021 5:00	1.13	2.06	112.81	1358.74
9/15/2021 6:00	1.28	2.38	129.3	1463.28
9/15/2021 7:00	1.37	2.85	142.31	1534.46
9/15/2021 8:00	1.42	3.2	152.37	1576.42
9/15/2021 9:00	1.45	3.46	158.23	1607.98
9/15/2021 10:00	1.5	3.74	163.33	1645.52
9/15/2021 11:00	1.57	3.92	167.79	1647.67
9/15/2021 12:00	1.67	4.04	169.56	1655.62
9/15/2021 13:00	1.75	4.21	173.91	1689.53
9/15/2021 14:00	1.93	4.27	173.91	1652.64
9/15/2021 15:00	2.05	3.98	168.06	1621.98
9/15/2021 16:00	2.24	3.61	158.65	1559.67
9/15/2021 17:00	2.4	3.14	147.27	1481.69
9/15/2021 18:00	2.42	2.83	137.82	1406.3
9/15/2021 19:00	2.31	2.8	130.93	1413.02
9/15/2021 20:00	2.2	2.57	123.85	1394.18
9/15/2021 21:00	2.02	2.2	117.02	1370.5
9/15/2021 22:00	1.74	2.05	110.47	1352.85

9/15/2021 23:00	1.5	1.98	105.51	1328.86
9/16/2021 0:00	1.36	1.89	102.83	1287
9/16/2021 1:00	1.25	1.83	100.19	1258.72
9/16/2021 2:00	1.19	1.81	98.94	1243.88
9/16/2021 3:00	1.15	1.86	99.9	1243.53
9/16/2021 4:00	1.14	1.88	104.11	1284.51
9/16/2021 5:00	1.23	2.03	114.43	1347.61
9/16/2021 6:00	1.36	2.43	130.02	1482.53
9/16/2021 7:00	1.55	2.86	141.21	1556.11
9/16/2021 8:00	1.44	3.11	149.22	1570.82
9/16/2021 9:00	1.56	3.26	152.8	1546.09
9/16/2021 10:00	1.47	3.41	155.45	1568.21
9/16/2021 11:00	1.51	3.52	156.75	1570.94
9/16/2021 12:00	1.47	3.42	155.04	1570.19
9/16/2021 13:00	1.51	3.52	155.13	1566.16
9/16/2021 14:00	1.47	3.39	152.13	1538.56
9/16/2021 15:00	1.49	3.24	146.61	1508.8
9/16/2021 16:00	1.63	3.01	136.68	1461.4
9/16/2021 17:00	1.74	2.71	129.83	1414.66
9/16/2021 18:00	1.76	2.45	125.52	1388.98
9/16/2021 19:00	1.78	2.42	122.64	1383.74
9/16/2021 20:00	1.7	2.24	116.98	1368.01
9/16/2021 21:00	1.63	2.07	110.08	1352.74
9/16/2021 22:00	1.41	1.99	103.65	1327.25
9/16/2021 23:00	1.27	1.92	99.35	1299.76
9/17/2021 0:00	1.12	1.81	96.05	1255.2
9/17/2021 1:00	1.05	1.74	93.62	1224.01
9/17/2021 2:00	1.02	1.7	92.09	1184.74
9/17/2021 3:00	0.99	1.7	92.61	1185.94
9/17/2021 4:00	0.96	1.72	96.49	1226.58
9/17/2021 5:00	1.09	1.9	106.12	1299.03
9/17/2021 6:00	1.24	2.26	119.92	1385.75
9/17/2021 7:00	1.34	2.71	130.4	1439.56
9/17/2021 8:00	1.36	2.89	138.25	1474.59
9/17/2021 9:00	1.41	3.01	141.24	1480.55
9/17/2021 10:00	1.52	3.26	144.76	1522.1
9/17/2021 11:00	1.46	3.32	146.29	1520.9
9/17/2021 12:00	1.45	3.26	145.99	1493.5
9/17/2021 13:00	1.35	3.29	146	1498.68
9/17/2021 14:00	1.45	3.19	142.97	1475.74
9/17/2021 15:00	1.4	2.98	135.86	1417.35
9/17/2021 16:00	1.54	2.82	129.16	1372.5
9/17/2021 17:00	1.75	2.63	125.08	1331.11
9/17/2021 18:00	1.7	2.47	121.91	1322.94
9/17/2021 19:00	1.73	2.36	118.87	1306.3
9/17/2021 20:00	1.68	2.3	114.37	1294.47
9/17/2021 21:00	1.5	2.25	107.99	1260.7
9/17/2021 22:00	1.42	2.14	101.12	1229.18
9/17/2021 23:00	1.27	2.21	96.29	1183.88
9/18/2021 0:00	1.11	1.91	93.39	1135.46
9/18/2021 1:00	1.08	1.78	91.58	1098.68
9/18/2021 2:00	1.02	1.76	90.68	1085.52
9/18/2021 3:00	1	1.77	90.84	1084.81

9/18/2021 4:00	0.99	1.77	92.09	1095.43
9/18/2021 5:00	1.02	1.78	97.11	1104.85
9/18/2021 6:00	1.11	1.87	104.05	1124.56
9/18/2021 7:00	1.33	2.07	105.91	1125.89
9/18/2021 8:00	1.39	2.19	108.32	1136.17
9/18/2021 9:00	1.47	2.31	111.41	1139.76
9/18/2021 10:00	1.62	2.48	113.28	1144.71
9/18/2021 11:00	1.56	2.64	114.65	1137.47
9/18/2021 12:00	1.7	2.69	115.93	1137.92
9/18/2021 13:00	1.78	2.81	119.04	1156.82
9/18/2021 14:00	1.82	2.87	120.85	1160.5
9/18/2021 15:00	1.89	2.85	121.33	1149.25
9/18/2021 16:00	2.09	2.82	121.19	1137.66
9/18/2021 17:00	2.14	2.75	118.55	1128.57
9/18/2021 18:00	2.09	2.53	114.58	1116.18
9/18/2021 19:00	2.08	2.52	111.7	1110.21
9/18/2021 20:00	1.99	2.39	107.3	1094.56
9/18/2021 21:00	1.84	2.23	102.35	1071.64
9/18/2021 22:00	1.65	2.05	96.85	1053.12
9/18/2021 23:00	1.49	1.93	92.68	1024.93
9/19/2021 0:00	1.34	1.83	89.45	1007.2
9/19/2021 1:00	1.23	1.77	87.32	986.39
9/19/2021 2:00	1.17	1.7	85.11	965.26
9/19/2021 3:00	1.08	1.69	83.56	957.88
9/19/2021 4:00	1.05	1.67	83.98	944.27
9/19/2021 5:00	1.05	1.74	85.77	949.7
9/19/2021 6:00	1.1	1.73	88.2	944.5
9/19/2021 7:00	1.25	1.72	89.36	920.43
9/19/2021 8:00	1.44	1.83	92.69	924.49
9/19/2021 9:00	1.61	1.98	95.71	930.26
9/19/2021 10:00	1.64	2.05	98.94	932.89
9/19/2021 11:00	1.73	2.25	101.44	943.98
9/19/2021 12:00	1.8	2.34	103.77	947.91
9/19/2021 13:00	1.79	2.33	105.84	956.26
9/19/2021 14:00	1.76	2.31	106.15	963.92
9/19/2021 15:00	1.83	2.34	106.78	958.26
9/19/2021 16:00	1.89	2.4	106.01	951.86
9/19/2021 17:00	2.01	2.25	104.49	945.48
9/19/2021 18:00	2.01	2.21	100.4	933.45
9/19/2021 19:00	1.94	2.17	97.12	927.89
9/19/2021 20:00	1.86	2.1	91.97	922.02
9/19/2021 21:00	1.68	2.04	88.73	917.32
9/19/2021 22:00	1.35	1.92	86.62	913.84
9/19/2021 23:00	1.15	1.99	85.03	932.74
9/20/2021 0:00	1.06	1.8	83.68	945.73
9/20/2021 1:00	0.98	1.65	83.38	940.5
9/20/2021 2:00	0.97	1.62	83.34	938.83
9/20/2021 3:00	0.93	1.64	84.62	962.43
9/20/2021 4:00	0.97	1.68	88.54	1017.7
9/20/2021 5:00	1.03	1.79	98.23	1099.37
9/20/2021 6:00	1.25	2.14	113.2	1219.25
9/20/2021 7:00	1.29	2.48	124.5	1301.78
9/20/2021 8:00	1.23	2.77	133.73	1375.54

9/20/2021 9:00	1.3	2.99	139.12	1416.5
9/20/2021 10:00	1.37	3.2	145.4	1461.4
9/20/2021 11:00	1.36	3.4	149.6	1474.32
9/20/2021 12:00	1.38	3.35	150.16	1477.34
9/20/2021 13:00	1.34	3.44	153.53	1498.52
9/20/2021 14:00	1.43	3.39	152.24	1496.62
9/20/2021 15:00	1.52	3.32	146.72	1469.04
9/20/2021 16:00	1.68	3.11	137.97	1434.63
9/20/2021 17:00	1.74	2.8	131.01	1399.26
9/20/2021 18:00	1.76	2.44	124.59	1361.74
9/20/2021 19:00	1.8	2.33	119.89	1334.38
9/20/2021 20:00	1.64	2.26	112.68	1312.39
9/20/2021 21:00	1.46	2.29	106.45	1283.69
9/20/2021 22:00	1.31	2.17	99.76	1267.26
9/20/2021 23:00	1.06	2.15	95.41	1232.92
9/21/2021 0:00	0.94	2.01	92.6	1204.8
9/21/2021 1:00	0.9	1.73	89.87	1189.43
9/21/2021 2:00	0.95	1.56	88.52	1171.49
9/21/2021 3:00	0.91	1.58	89.7	1164.83
9/21/2021 4:00	0.94	1.62	93.15	1190.09
9/21/2021 5:00	1.04	1.82	102.11	1267.2
9/21/2021 6:00	1.25	2.06	116.46	1338.46
9/21/2021 7:00	1.28	2.5	127.19	1397.83
9/21/2021 8:00	1.22	2.81	135.1	1446.22
9/21/2021 9:00	1.26	3.03	140.08	1485.92
9/21/2021 10:00	1.25	3.34	146.12	1527.41
9/21/2021 11:00	1.2	3.44	148.61	1526.54
9/21/2021 12:00	1.25	3.4	149.79	1533.43
9/21/2021 13:00	1.23	3.45	152.24	1551.15
9/21/2021 14:00	1.27	3.5	152.06	1549.26
9/21/2021 15:00	1.37	3.3	147.1	1513.14
9/21/2021 16:00	1.39	3.07	138.53	1472.17
9/21/2021 17:00	1.64	2.79	132.08	1435.58
9/21/2021 18:00	1.7	2.52	126.34	1409.55
9/21/2021 19:00	1.82	2.52	122.23	1399.65
9/21/2021 20:00	1.71	2.2	115.84	1388.66
9/21/2021 21:00	1.53	2.05	109.97	1354.39
9/21/2021 22:00	1.29	1.89	104.09	1331.42
9/21/2021 23:00	1.11	1.84	99.83	1307.63
9/22/2021 0:00	1.05	1.79	96.77	1282.58
9/22/2021 1:00	1.01	1.74	95.28	1264.72
9/22/2021 2:00	0.93	1.75	94.84	1243.63
9/22/2021 3:00	0.91	1.76	96.21	1248.03
9/22/2021 4:00	0.97	1.79	101.11	1283.66
9/22/2021 5:00	1.06	1.96	111.5	1347.06
9/22/2021 6:00	1.18	2.37	127.86	1464.01
9/22/2021 7:00	1.24	2.79	140.55	1549.61
9/22/2021 8:00	1.22	3.19	149.3	1588.94
9/22/2021 9:00	1.27	3.21	155.08	1616.83
9/22/2021 10:00	1.34	3.5	159.65	1632.24
9/22/2021 11:00	1.41	3.71	162.31	1632.33
9/22/2021 12:00	1.44	3.73	162.35	1626.5
9/22/2021 13:00	1.42	3.71	163.31	1654.67

9/22/2021 14:00	1.55	3.65	160.39	1629.12
9/22/2021 15:00	1.54	3.38	153.21	1577.73
9/22/2021 16:00	1.71	3.11	143.43	1539.43
9/22/2021 17:00	1.9	2.78	135.96	1498.02
9/22/2021 18:00	1.9	2.67	132.35	1467.44
9/22/2021 19:00	1.98	2.64	128.93	1471.31
9/22/2021 20:00	1.85	2.4	123.08	1458.71
9/22/2021 21:00	1.69	2.4	116.69	1426.91
9/22/2021 22:00	1.57	2.27	110.37	1402.7
9/22/2021 23:00	1.41	2.35	105.6	1362.78
9/23/2021 0:00	1.24	2.1	102.49	1326.43
9/23/2021 1:00	1.11	1.8	100.29	1319.18
9/23/2021 2:00	1.08	1.78	99.43	1293.6
9/23/2021 3:00	1.06	1.78	99.61	1297.77
9/23/2021 4:00	1.07	1.83	103.84	1332.36
9/23/2021 5:00	1.16	2.04	114.73	1408.76
9/23/2021 6:00	1.37	2.4	131.84	1522.74
9/23/2021 7:00	1.37	2.79	144.53	1609.08
9/23/2021 8:00	1.35	3.13	153.79	1640.53
9/23/2021 9:00	1.41	3.33	158.7	1661.72
9/23/2021 10:00	1.46	3.6	163.54	1676.5
9/23/2021 11:00	1.57	3.79	166.86	1680.37
9/23/2021 12:00	1.65	3.74	166.62	1669.57
9/23/2021 13:00	1.66	3.86	167.96	1687.3
9/23/2021 14:00	1.69	3.85	165.86	1639.91
9/23/2021 15:00	1.76	3.63	159.51	1609.75
9/23/2021 16:00	1.9	3.44	149.95	1552.97
9/23/2021 17:00	2.09	3.01	141.78	1509.43
9/23/2021 18:00	2.07	2.71	136.65	1485.81
9/23/2021 19:00	2.11	2.6	132.41	1487.16
9/23/2021 20:00	2.11	2.43	126.04	1460.61
9/23/2021 21:00	2.04	2.27	119.33	1426.44
9/23/2021 22:00	1.72	2.11	112.67	1412.84
9/23/2021 23:00	1.52	2.05	107.52	1384.43
9/24/2021 0:00	1.33	1.96	104.42	1336.61
9/24/2021 1:00	1.27	1.94	103.2	1318.81
9/24/2021 2:00	1.25	1.92	102.47	1304.22
9/24/2021 3:00	1.2	1.96	103.11	1307.66
9/24/2021 4:00	1.19	2	107.25	1345.64
9/24/2021 5:00	1.31	2.19	118.6	1418.97
9/24/2021 6:00	1.44	2.51	134.43	1524.43
9/24/2021 7:00	1.53	2.99	146.28	1596.78
9/24/2021 8:00	1.5	3.31	154.69	1619.89
9/24/2021 9:00	1.58	3.45	158.02	1608.08
9/24/2021 10:00	1.63	3.71	160.47	1605.6
9/24/2021 11:00	1.64	3.77	160.29	1588.92
9/24/2021 12:00	1.61	3.7	157.9	1580.58
9/24/2021 13:00	1.69	3.66	157.2	1591.26
9/24/2021 14:00	1.68	3.56	154.43	1552.27
9/24/2021 15:00	1.69	3.28	146.34	1496.73
9/24/2021 16:00	1.83	3.08	137.95	1462.28
9/24/2021 17:00	1.93	2.71	131.39	1430.45
9/24/2021 18:00	1.96	2.52	126.11	1384.71

9/24/2021 19:00	1.88	2.46	121.83	1343.99
9/24/2021 20:00	1.68	2.29	115.87	1311.52
9/24/2021 21:00	1.64	2.13	108.57	1269.12
9/24/2021 22:00	1.46	1.98	101.54	1222.34
9/24/2021 23:00	1.29	1.86	96.45	1171.27
9/25/2021 0:00	1.21	1.76	92.63	1131.46
9/25/2021 1:00	1.14	1.68	90.26	1100.77
9/25/2021 2:00	1.07	1.65	88.34	1082.36
9/25/2021 3:00	1	1.64	87.57	1067.4
9/25/2021 4:00	1	1.61	87.9	1060.87
9/25/2021 5:00	0.98	1.66	92.11	1064.2
9/25/2021 6:00	1.1	1.71	98.26	1070.82
9/25/2021 7:00	1.25	1.81	99.23	1068.83
9/25/2021 8:00	1.39	2.07	102.11	1082.55
9/25/2021 9:00	1.38	2.21	105.72	1091.99
9/25/2021 10:00	1.43	2.4	108.63	1094.67
9/25/2021 11:00	1.57	2.48	110.28	1098.67
9/25/2021 12:00	1.6	2.55	111.14	1112.98
9/25/2021 13:00	1.66	2.62	111.97	1103.97
9/25/2021 14:00	1.69	2.58	112.2	1101.58
9/25/2021 15:00	1.62	2.59	112.36	1107.4
9/25/2021 16:00	1.62	2.54	110.99	1091.25
9/25/2021 17:00	1.75	2.45	108.28	1065.44
9/25/2021 18:00	1.76	2.39	105.18	1041.89
9/25/2021 19:00	1.7	2.34	102.03	1023.22
9/25/2021 20:00	1.57	2.12	98.34	1011.98
9/25/2021 21:00	1.43	1.92	93.2	993.22
9/25/2021 22:00	1.39	1.89	88.7	988.47
9/25/2021 23:00	1.28	1.8	86.15	977.97
9/26/2021 0:00	1.18	1.69	84.61	967.39
9/26/2021 1:00	1.05	1.65	83.68	953.06
9/26/2021 2:00	1	1.59	83.32	937.93
9/26/2021 3:00	0.94	1.64	83.12	935.1
9/26/2021 4:00	0.91	1.63	83.41	933.43
9/26/2021 5:00	0.92	1.66	86.33	944.79
9/26/2021 6:00	1.02	1.68	88.83	956.96
9/26/2021 7:00	1.16	1.71	90.47	962.72
9/26/2021 8:00	1.37	1.78	92.97	963.61
9/26/2021 9:00	1.54	1.99	96.32	968.08
9/26/2021 10:00	1.62	2.13	99.3	976.57
9/26/2021 11:00	1.72	2.29	102.84	972.04
9/26/2021 12:00	1.81	2.3	104.44	985.38
9/26/2021 13:00	1.83	2.26	104.72	980.61
9/26/2021 14:00	1.8	2.24	103.52	968.67
9/26/2021 15:00	1.76	2.21	102.62	962.08
9/26/2021 16:00	1.76	2.17	101.26	959.17
9/26/2021 17:00	1.89	2.08	99.02	947.71
9/26/2021 18:00	1.82	2.08	95.61	933.55
9/26/2021 19:00	1.93	2.05	93.52	925.08
9/26/2021 20:00	1.69	1.94	88.92	920.26
9/26/2021 21:00	1.56	1.96	86.43	920.3
9/26/2021 22:00	1.36	1.9	84.29	924.83
9/26/2021 23:00	1.13	2.04	82.91	935.69

9/27/2021 0:00	1.03	1.8	82.11	941.92
9/27/2021 1:00	0.97	1.56	81.79	943.24
9/27/2021 2:00	0.92	1.49	81.47	954.15
9/27/2021 3:00	0.89	1.5	82.99	988.71
9/27/2021 4:00	0.91	1.52	87.35	1038.75
9/27/2021 5:00	1	1.73	97.01	1132.48
9/27/2021 6:00	1.15	2.09	112.34	1238.98
9/27/2021 7:00	1.3	2.38	123.3	1337.61
9/27/2021 8:00	1.23	2.71	130.94	1398.41
9/27/2021 9:00	1.27	2.85	135.78	1426.94
9/27/2021 10:00	1.25	3.12	141.73	1471.17
9/27/2021 11:00	1.25	3.31	146.05	1488.78
9/27/2021 12:00	1.39	3.17	144.85	1501.68
9/27/2021 13:00	1.31	3.18	145.24	1532.56
9/27/2021 14:00	1.28	3.19	144	1502.42
9/27/2021 15:00	1.39	3.1	137.83	1460.95
9/27/2021 16:00	1.45	2.85	129.88	1426.85
9/27/2021 17:00	1.68	2.58	124.73	1375.01
9/27/2021 18:00	1.81	2.38	121.47	1365.57
9/27/2021 19:00	1.78	2.25	118.06	1362.4
9/27/2021 20:00	1.57	2.14	112.93	1343.13
9/27/2021 21:00	1.42	2.07	107.09	1309.29
9/27/2021 22:00	1.3	2.01	101.95	1292.65
9/27/2021 23:00	1.1	2.13	97.66	1266.69
9/28/2021 0:00	0.99	1.9	94.42	1242.81
9/28/2021 1:00	0.93	1.63	92.83	1219.01
9/28/2021 2:00	0.92	1.59	91.6	1194.54
9/28/2021 3:00	0.87	1.59	92.11	1199.72
9/28/2021 4:00	0.9	1.63	96.26	1233.48
9/28/2021 5:00	1.02	1.81	105.24	1304.72
9/28/2021 6:00	1.22	2.15	120.35	1400.49
9/28/2021 7:00	1.3	2.56	132.19	1479.66
9/28/2021 8:00	1.24	2.79	140.01	1510.46
9/28/2021 9:00	1.25	2.97	143.46	1513.4
9/28/2021 10:00	1.23	3.11	145.75	1539.22
9/28/2021 11:00	1.27	3.22	148.51	1554.29
9/28/2021 12:00	1.35	3.12	147.53	1546.93
9/28/2021 13:00	1.24	3.25	149.54	1573.26
9/28/2021 14:00	1.18	3.19	147.05	1546.92
9/28/2021 15:00	1.25	3.1	141.08	1515.78
9/28/2021 16:00	1.45	2.91	130.96	1455.35
9/28/2021 17:00	1.64	2.57	123.56	1404.17
9/28/2021 18:00	1.75	2.35	119.78	1363.41
9/28/2021 19:00	1.74	2.28	116.07	1358.21
9/28/2021 20:00	1.63	2.09	110.19	1332.71
9/28/2021 21:00	1.41	1.9	104.18	1289.86
9/28/2021 22:00	1.28	1.76	97.8	1259.57
9/28/2021 23:00	1.13	1.69	93.51	1213.07
9/29/2021 0:00	0.97	1.63	90.63	1187.93
9/29/2021 1:00	0.9	1.56	89.11	1167.08
9/29/2021 2:00	0.91	1.52	87.79	1139.64
9/29/2021 3:00	0.89	1.55	88.41	1147.28
9/29/2021 4:00	0.92	1.58	92.08	1167.35

9/29/2021 5:00	1.02	1.74	100.71	1233.16
9/29/2021 6:00	1.22	2.02	115.74	1297.7
9/29/2021 7:00	1.28	2.45	125.57	1379.94
9/29/2021 8:00	1.26	2.71	132.98	1414.99
9/29/2021 9:00	1.24	2.8	135.23	1435.27
9/29/2021 10:00	1.25	3.06	138.71	1464.66
9/29/2021 11:00	1.25	3.13	140.42	1466.23
9/29/2021 12:00	1.22	3.1	139.57	1466.31
9/29/2021 13:00	1.18	3.21	140.98	1489.88
9/29/2021 14:00	1.18	3.08	139.93	1458.83
9/29/2021 15:00	1.25	2.87	133.59	1426.13
9/29/2021 16:00	1.42	2.59	123.76	1378.7
9/29/2021 17:00	1.61	2.22	116.88	1330.21
9/29/2021 18:00	1.63	2.24	114.57	1301.83
9/29/2021 19:00	1.6	2.16	111.43	1301.9
9/29/2021 20:00	1.54	1.92	106.77	1290.22
9/29/2021 21:00	1.48	1.76	101.28	1272.15
9/29/2021 22:00	1.26	1.65	95.69	1259.09
9/29/2021 23:00	1.11	1.58	92.75	1220.16
9/30/2021 0:00	0.96	1.55	89.82	1186.58
9/30/2021 1:00	0.91	1.51	88.36	1161.58
9/30/2021 2:00	0.87	1.49	87.3	1133.08
9/30/2021 3:00	0.87	1.49	88.65	1139.5
9/30/2021 4:00	0.91	1.53	92.64	1173.96
9/30/2021 5:00	1.05	1.75	101.61	1247.31
9/30/2021 6:00	1.22	2.08	116.5	1347.66
9/30/2021 7:00	1.27	2.41	126.51	1417.72
9/30/2021 8:00	1.27	2.74	133.1	1434.32
9/30/2021 9:00	1.26	2.87	135.07	1433.91
9/30/2021 10:00	1.28	2.97	137.2	1439.94
9/30/2021 11:00	1.22	3.08	138.62	1427.99
9/30/2021 12:00	1.24	3.05	136.2	1435.68
9/30/2021 13:00	1.25	3.14	137.46	1453.47
9/30/2021 14:00	1.31	3.05	135.68	1445.51
9/30/2021 15:00	1.37	2.84	129.21	1402.55
9/30/2021 16:00	1.4	2.63	120.78	1347.09
9/30/2021 17:00	1.63	2.32	115.25	1313.34
9/30/2021 18:00	1.73	2.24	112.86	1284.53
9/30/2021 19:00	1.68	2.19	110.5	1267.33
9/30/2021 20:00	1.56	1.98	105.47	1260.36
9/30/2021 21:00	1.44	2.04	100.13	1235.04
9/30/2021 22:00	1.3	1.96	94.08	1207.67
9/30/2021 23:00	1.09	2.08	89.93	1174.09
10/1/2021 0:00	0.94	1.83	87.94	1146.73
10/1/2021 1:00	0.88	1.59	86.65	1116.08
10/1/2021 2:00	0.9	1.55	85.44	1092.28
10/1/2021 3:00	0.86	1.57	86.29	1100.1
10/1/2021 4:00	0.9	1.59	89.23	1130.75
10/1/2021 5:00	1.09	1.75	98.05	1176.99
10/1/2021 6:00	1.25	2.03	112.51	1270.26
10/1/2021 7:00	1.39	2.4	121.3	1334.69
10/1/2021 8:00	1.34	2.68	127.75	1371.38
10/1/2021 9:00	1.39	2.65	130.3	1372.84

10/1/2021 10:00	1.38	2.9	132.55	1383.8
10/1/2021 11:00	1.35	3.03	133.29	1404.24
10/1/2021 12:00	1.35	2.81	131.96	1397.02
10/1/2021 13:00	1.33	2.89	132.06	1390.06
10/1/2021 14:00	1.32	2.82	129.49	1341.88
10/1/2021 15:00	1.33	2.66	123.93	1305.77
10/1/2021 16:00	1.44	2.52	116.99	1289.66
10/1/2021 17:00	1.43	2.26	112.51	1258.64
10/1/2021 18:00	1.49	2.29	109.63	1236.61
10/1/2021 19:00	1.49	2.23	107.19	1230.24
10/1/2021 20:00	1.47	2	103	1205.16
10/1/2021 21:00	1.39	1.8	97.16	1161.81
10/1/2021 22:00	1.25	1.75	91.32	1133.73
10/1/2021 23:00	1.12	1.7	86.54	1079.9
10/2/2021 0:00	0.99	1.55	83.6	1047.65
10/2/2021 1:00	0.93	1.51	81.66	1034.83
10/2/2021 2:00	0.88	1.48	80.93	1019.48
10/2/2021 3:00	0.86	1.49	80.56	1006.69
10/2/2021 4:00	0.88	1.51	82	1000.17
10/2/2021 5:00	0.95	1.54	86.02	1002.26
10/2/2021 6:00	1.06	1.63	92.23	1003.22
10/2/2021 7:00	1.3	1.7	93.43	997.88
10/2/2021 8:00	1.33	1.87	95.24	998.89
10/2/2021 9:00	1.43	1.97	97.23	991.49
10/2/2021 10:00	1.34	2.04	98.52	992.76
10/2/2021 11:00	1.41	2.11	99.18	981.38
10/2/2021 12:00	1.37	2.18	99.01	1004.74
10/2/2021 13:00	1.34	2.19	100.07	1020.41
10/2/2021 14:00	1.33	2.15	100.15	1014.47
10/2/2021 15:00	1.28	2.13	99.14	1011.22
10/2/2021 16:00	1.42	2.11	98.98	1007.69
10/2/2021 17:00	1.58	2.11	97.57	1001.38
10/2/2021 18:00	1.46	2.17	96.97	982.69
10/2/2021 19:00	1.52	2.1	95.43	970.32
10/2/2021 20:00	1.47	1.97	92.59	955.24
10/2/2021 21:00	1.34	1.78	89.56	954.93
10/2/2021 22:00	1.18	1.71	85.23	952.23
10/2/2021 23:00	1.04	1.64	82.04	935.26
10/3/2021 0:00	0.96	1.61	80.32	922.36
10/3/2021 1:00	0.89	1.52	79.87	919.87
10/3/2021 2:00	0.87	1.49	78.57	914.68
10/3/2021 3:00	0.84	1.51	78.15	902.5
10/3/2021 4:00	0.85	1.53	78.91	896.04
10/3/2021 5:00	0.88	1.54	81.59	902.7
10/3/2021 6:00	0.99	1.56	84.65	909.92
10/3/2021 7:00	1.11	1.57	85.76	911.33
10/3/2021 8:00	1.28	1.64	88.26	913.41
10/3/2021 9:00	1.43	1.73	90.54	930.28
10/3/2021 10:00	1.45	1.81	92.82	944.03
10/3/2021 11:00	1.52	1.92	93.9	956.5
10/3/2021 12:00	1.61	1.9	94.37	955.67
10/3/2021 13:00	1.64	1.87	94.9	950.91
10/3/2021 14:00	1.66	1.9	95.46	955.11

10/3/2021 15:00	1.63	1.89	94.92	950.74
10/3/2021 16:00	1.74	1.81	94.33	948.87
10/3/2021 17:00	1.9	1.85	94.04	941.41
10/3/2021 18:00	1.81	1.88	93.01	933.26
10/3/2021 19:00	1.72	1.8	91.42	933.74
10/3/2021 20:00	1.59	1.74	87.13	933.69
10/3/2021 21:00	1.41	1.66	84.97	938.44
10/3/2021 22:00	1.23	1.56	84.06	945.4
10/3/2021 23:00	1.1	1.53	82.79	963.01
10/4/2021 0:00	0.93	1.54	82.42	976.16
10/4/2021 1:00	0.86	1.47	81.89	985.98
10/4/2021 2:00	0.86	1.48	81.71	991.14
10/4/2021 3:00	0.82	1.49	83.83	1017.81
10/4/2021 4:00	0.88	1.54	87.98	1067.98
10/4/2021 5:00	0.98	1.66	98.42	1156.59
10/4/2021 6:00	1.21	2.02	113.27	1275.72
10/4/2021 7:00	1.32	2.34	125.11	1362.55
10/4/2021 8:00	1.25	2.58	133.22	1410.34
10/4/2021 9:00	1.32	2.7	135.39	1414.93
10/4/2021 10:00	1.26	2.89	138.25	1438.16
10/4/2021 11:00	1.29	2.87	139.02	1457.2
10/4/2021 12:00	1.41	2.72	137.47	1453.02
10/4/2021 13:00	1.39	2.81	138.83	1467.6
10/4/2021 14:00	1.38	2.74	135.73	1446.13
10/4/2021 15:00	1.41	2.63	129.69	1425.1
10/4/2021 16:00	1.62	2.37	121.23	1380.75
10/4/2021 17:00	1.89	2.15	116.42	1348.17
10/4/2021 18:00	1.85	2.09	113.5	1314.83
10/4/2021 19:00	1.76	2.02	110.68	1303.21
10/4/2021 20:00	1.51	1.85	105.5	1286.23
10/4/2021 21:00	1.47	1.71	100.62	1248.85
10/4/2021 22:00	1.19	1.66	95.93	1233.68
10/4/2021 23:00	1.01	1.55	92.47	1217.17
10/5/2021 0:00	0.93	1.52	89.9	1191.17
10/5/2021 1:00	0.89	1.47	88.42	1166.91
10/5/2021 2:00	0.86	1.48	87.11	1141.34
10/5/2021 3:00	0.84	1.5	88.68	1147.7
10/5/2021 4:00	0.89	1.53	92.53	1188.42
10/5/2021 5:00	1	1.67	101.18	1268.06
10/5/2021 6:00	1.17	2.12	117.27	1367.83
10/5/2021 7:00	1.29	2.55	127.93	1448.45
10/5/2021 8:00	1.26	2.8	134.04	1479.72
10/5/2021 9:00	1.35	2.89	136.86	1494.11
10/5/2021 10:00	1.36	2.95	138.81	1492.89
10/5/2021 11:00	1.27	3.02	140.65	1496.88
10/5/2021 12:00	1.31	2.93	139.66	1467.38
10/5/2021 13:00	1.25	2.99	140.46	1475.87
10/5/2021 14:00	1.31	2.92	137.97	1461.81
10/5/2021 15:00	1.33	2.83	132.57	1438.74
10/5/2021 16:00	1.44	2.6	124.28	1377.82
10/5/2021 17:00	1.57	2.31	118.62	1337.14
10/5/2021 18:00	1.79	2.33	116.17	1338.17
10/5/2021 19:00	1.74	2.16	112.8	1324.9

10/5/2021 20:00	1.64	2	107.49	1295.08
10/5/2021 21:00	1.44	1.85	102.64	1286.95
10/5/2021 22:00	1.25	1.73	97.2	1265.11
10/5/2021 23:00	1.08	1.61	93.48	1223.09
10/6/2021 0:00	0.93	1.58	90.6	1186.61
10/6/2021 1:00	0.91	1.53	89.28	1170.96
10/6/2021 2:00	0.88	1.52	88.71	1156.53
10/6/2021 3:00	0.86	1.56	89.62	1162.49
10/6/2021 4:00	0.88	1.56	93.28	1187.33
10/6/2021 5:00	0.99	1.69	102.4	1259.34
10/6/2021 6:00	1.18	2.03	118.38	1353.93
10/6/2021 7:00	1.29	2.43	128.4	1420.33
10/6/2021 8:00	1.22	2.81	135.4	1450.7
10/6/2021 9:00	1.31	2.8	138.91	1467.28
10/6/2021 10:00	1.18	3.02	143.34	1518.74
10/6/2021 11:00	1.31	3.1	146.42	1516.4
10/6/2021 12:00	1.25	3.06	145.67	1515.35
10/6/2021 13:00	1.18	3.15	148.2	1541.02
10/6/2021 14:00	1.17	3.26	147.62	1512.05
10/6/2021 15:00	1.21	3.11	142.71	1476.84
10/6/2021 16:00	1.45	2.84	134.07	1425.87
10/6/2021 17:00	1.64	2.52	126.44	1414.64
10/6/2021 18:00	1.67	2.43	121.44	1388.36
10/6/2021 19:00	1.67	2.44	116.82	1362.85
10/6/2021 20:00	1.65	2.12	110.41	1340.72
10/6/2021 21:00	1.41	1.91	104.4	1308.17
10/6/2021 22:00	1.2	1.82	98.01	1288.78
10/6/2021 23:00	1.07	1.78	93.86	1255.46
10/7/2021 0:00	0.97	1.7	91.34	1216.28
10/7/2021 1:00	0.9	1.62	89.58	1198
10/7/2021 2:00	0.84	1.56	88.42	1154.75
10/7/2021 3:00	0.85	1.59	89.51	1164.63
10/7/2021 4:00	0.89	1.61	93.1	1186.55
10/7/2021 5:00	1.04	1.77	102.37	1252.78
10/7/2021 6:00	1.23	2.19	117.53	1347.3
10/7/2021 7:00	1.25	2.4	127.6	1407.66
10/7/2021 8:00	1.27	2.55	134.92	1435.91
10/7/2021 9:00	1.2	2.74	139	1457.71
10/7/2021 10:00	1.24	2.96	143.79	1493.18
10/7/2021 11:00	1.22	3.13	147.53	1502.03
10/7/2021 12:00	1.25	3.1	148.45	1531.46
10/7/2021 13:00	1.27	3.2	150.62	1549.83
10/7/2021 14:00	1.3	3.2	149.2	1523.32
10/7/2021 15:00	1.28	3.06	143.39	1479.83
10/7/2021 16:00	1.36	2.8	134.79	1440.22
10/7/2021 17:00	1.53	2.52	127.43	1406.74
10/7/2021 18:00	1.66	2.53	122.23	1382.32
10/7/2021 19:00	1.59	2.44	116.69	1359.3
10/7/2021 20:00	1.56	2.07	111.34	1318.97
10/7/2021 21:00	1.46	1.86	104.93	1292.94
10/7/2021 22:00	1.19	1.74	98.49	1255.11
10/7/2021 23:00	1.08	1.7	94.09	1239.4
10/8/2021 0:00	0.92	1.62	90.95	1215.03

10/8/2021 1:00	0.83	1.56	89.11	1183.49
10/8/2021 2:00	0.84	1.54	88.65	1154.43
10/8/2021 3:00	0.82	1.55	88.85	1159.02
10/8/2021 4:00	0.87	1.58	91.87	1166.32
10/8/2021 5:00	0.96	1.75	100.1	1240.83
10/8/2021 6:00	1.1	2.08	114.48	1307.68
10/8/2021 7:00	1.17	2.35	123.01	1358.17
10/8/2021 8:00	1.23	2.6	129.43	1386.48
10/8/2021 9:00	1.24	2.72	133.85	1421.97
10/8/2021 10:00	1.25	2.96	138.93	1461.63
10/8/2021 11:00	1.23	3.1	142.43	1482.36
10/8/2021 12:00	1.27	3.05	142.48	1441.6
10/8/2021 13:00	1.22	3.23	142.65	1439.86
10/8/2021 14:00	1.22	3.14	140.54	1415.85
10/8/2021 15:00	1.22	2.94	132.66	1378.79
10/8/2021 16:00	1.27	2.66	124.58	1348.43
10/8/2021 17:00	1.43	2.4	117.95	1305.7
10/8/2021 18:00	1.43	2.24	113.96	1270.86
10/8/2021 19:00	1.53	2.22	110.2	1255.83
10/8/2021 20:00	1.42	2.06	105.93	1214.58
10/8/2021 21:00	1.31	1.84	100.25	1175.43
10/8/2021 22:00	1.2	1.84	93.76	1123.67
10/8/2021 23:00	1.09	1.77	88.62	1061.23
10/9/2021 0:00	0.97	1.7	85.59	1022.71
10/9/2021 1:00	0.91	1.63	83.99	1010.28
10/9/2021 2:00	0.84	1.55	83.4	996.07
10/9/2021 3:00	0.82	1.55	83.06	988.85
10/9/2021 4:00	0.87	1.52	84.08	987.03
10/9/2021 5:00	0.92	1.55	88.12	995.42
10/9/2021 6:00	1	1.77	93.88	985.95
10/9/2021 7:00	1.18	1.81	95.1	973.97
10/9/2021 8:00	1.26	1.96	96.64	978.98
10/9/2021 9:00	1.29	2.07	99.13	985.85
10/9/2021 10:00	1.36	2.09	99.28	996.47
10/9/2021 11:00	1.43	2.16	99.83	999.08
10/9/2021 12:00	1.42	2.12	98.43	993.14
10/9/2021 13:00	1.51	2.11	98.59	986.12
10/9/2021 14:00	1.34	2.01	97.51	970.1
10/9/2021 15:00	1.4	1.97	96.4	963.41
10/9/2021 16:00	1.52	1.9	95.01	944.28
10/9/2021 17:00	1.75	1.9	93.27	933.07
10/9/2021 18:00	1.62	2.13	93.2	930.54
10/9/2021 19:00	1.69	2.13	91.37	920.24
10/9/2021 20:00	1.53	2.25	89.55	914.12
10/9/2021 21:00	1.39	1.97	86.19	909.27
10/9/2021 22:00	1.27	1.99	82.53	898.89
10/9/2021 23:00	1.14	1.99	80.12	881.44
10/10/2021 0:00	0.97	1.87	79.1	887.33
10/10/2021 1:00	0.92	1.57	78.11	880.45
10/10/2021 2:00	0.92	1.45	77.35	872.03
10/10/2021 3:00	0.91	1.46	77.3	871.04
10/10/2021 4:00	0.89	1.48	78.23	869.4
10/10/2021 5:00	0.92	1.48	80.71	884.97

10/10/2021 6:00	0.96	1.56	83.42	895.73
10/10/2021 7:00	1.16	1.59	85.05	903.41
10/10/2021 8:00	1.36	1.64	86.82	898.67
10/10/2021 9:00	1.5	1.75	89.32	914.59
10/10/2021 10:00	1.46	1.83	91.62	922.64
10/10/2021 11:00	1.51	1.86	94.77	940.74
10/10/2021 12:00	1.6	1.87	95.5	944.96
10/10/2021 13:00	1.55	1.91	95.78	940.21
10/10/2021 14:00	1.52	1.87	95.51	944.21
10/10/2021 15:00	1.45	1.81	94.92	941.4
10/10/2021 16:00	1.53	1.8	94.44	933.9
10/10/2021 17:00	1.63	1.88	93.1	922.86
10/10/2021 18:00	1.73	1.91	93.44	913.24
10/10/2021 19:00	1.69	1.84	91.79	905.9
10/10/2021 20:00	1.51	1.74	87.93	901.5
10/10/2021 21:00	1.45	1.68	85.86	902.97
10/10/2021 22:00	1.3	1.6	84.23	910.55
10/10/2021 23:00	1.07	1.53	83.56	920.46
10/11/2021 0:00	0.95	1.51	82.68	923.98
10/11/2021 1:00	0.89	1.47	82.32	926.89
10/11/2021 2:00	0.89	1.49	82.05	922.57
10/11/2021 3:00	0.89	1.51	84.24	944.61
10/11/2021 4:00	0.93	1.57	88.37	988.03
10/11/2021 5:00	0.96	1.66	96.81	1055.29
10/11/2021 6:00	1.11	1.98	109.75	1153.55
10/11/2021 7:00	1.19	2.27	117.16	1222.47
10/11/2021 8:00	1.3	2.47	121.85	1266.72
10/11/2021 9:00	1.32	2.69	125.97	1290.74
10/11/2021 10:00	1.36	2.76	130.9	1354.22
10/11/2021 11:00	1.36	2.87	133.04	1374.18
10/11/2021 12:00	1.53	2.8	131.5	1363.63
10/11/2021 13:00	1.33	2.84	133.33	1391.27
10/11/2021 14:00	1.31	2.88	132.85	1368.99
10/11/2021 15:00	1.31	2.81	130.23	1358
10/11/2021 16:00	1.48	2.62	123.75	1312.34
10/11/2021 17:00	1.66	2.39	117.34	1272.78
10/11/2021 18:00	1.78	2.3	114.01	1252.54
10/11/2021 19:00	1.75	2.12	109.22	1229.51
10/11/2021 20:00	1.6	2.01	104.2	1207
10/11/2021 21:00	1.46	1.89	99.42	1188.62
10/11/2021 22:00	1.22	1.77	94.52	1165.09
10/11/2021 23:00	1.1	1.69	90.84	1149.3
10/12/2021 0:00	0.91	1.62	88.37	1140.96
10/12/2021 1:00	0.85	1.53	87.27	1128.95
10/12/2021 2:00	0.83	1.51	86.36	1113.18
10/12/2021 3:00	0.82	1.53	87.51	1116.85
10/12/2021 4:00	0.87	1.54	91.59	1149.23
10/12/2021 5:00	0.98	1.71	100.85	1223.74
10/12/2021 6:00	1.15	2.04	116.21	1315.83
10/12/2021 7:00	1.22	2.36	127	1407.2
10/12/2021 8:00	1.23	2.65	134.12	1423.06
10/12/2021 9:00	1.21	2.74	138.22	1435.39
10/12/2021 10:00	1.25	2.95	143.28	1481.87

10/12/2021 11:00	1.22	3.07	148.16	1512.44
10/12/2021 12:00	1.26	3.05	148.62	1510.2
10/12/2021 13:00	1.16	3.45	151.74	1531.41
10/12/2021 14:00	1.2	3.44	150.81	1524.68
10/12/2021 15:00	1.26	3.11	145.5	1488.15
10/12/2021 16:00	1.46	2.84	135.89	1437.52
10/12/2021 17:00	1.7	2.46	128.76	1404.91
10/12/2021 18:00	1.69	2.59	123.49	1372.79
10/12/2021 19:00	1.67	2.72	117.97	1366.48
10/12/2021 20:00	1.55	2.41	112.14	1346.8
10/12/2021 21:00	1.4	2.11	105.9	1298.13
10/12/2021 22:00	1.23	2	99.37	1280.21
10/12/2021 23:00	1.08	1.72	94.78	1245.43
10/13/2021 0:00	0.95	1.6	91.56	1216.87
10/13/2021 1:00	0.88	1.55	90.43	1186.42
10/13/2021 2:00	0.87	1.54	89.1	1162.54
10/13/2021 3:00	0.85	1.56	89.9	1164.3
10/13/2021 4:00	0.9	1.58	93.93	1191.44
10/13/2021 5:00	1.02	1.75	102.93	1256.47
10/13/2021 6:00	1.18	2	117.98	1340.94
10/13/2021 7:00	1.28	2.41	128.74	1421.62
10/13/2021 8:00	1.24	2.72	135.61	1444.37
10/13/2021 9:00	1.29	2.78	140.5	1458.01
10/13/2021 10:00	1.18	2.95	145.87	1503.38
10/13/2021 11:00	1.24	3.14	149.47	1544.28
10/13/2021 12:00	1.29	3.12	149.52	1535.78
10/13/2021 13:00	1.25	3.3	152.78	1571.02
10/13/2021 14:00	1.25	3.36	152.37	1542.29
10/13/2021 15:00	1.32	3.14	146.94	1506.38
10/13/2021 16:00	1.4	2.79	137.84	1467.69
10/13/2021 17:00	1.69	2.54	128.77	1421.76
10/13/2021 18:00	1.73	2.51	123.5	1395.95
10/13/2021 19:00	1.62	2.76	118.89	1381.72
10/13/2021 20:00	1.55	2.37	113.31	1358.02
10/13/2021 21:00	1.39	1.96	106.83	1322.46
10/13/2021 22:00	1.2	1.94	99.77	1312.94
10/13/2021 23:00	1.04	1.71	95.56	1260.85
10/14/2021 0:00	0.96	1.66	92.44	1220.4
10/14/2021 1:00	0.89	1.56	90.87	1198.58
10/14/2021 2:00	0.84	1.52	90.18	1174.13
10/14/2021 3:00	0.84	1.56	91.03	1189.28
10/14/2021 4:00	0.89	1.61	95.02	1209.55
10/14/2021 5:00	0.96	1.86	103.7	1281.74
10/14/2021 6:00	1.11	2.04	119.97	1382.53
10/14/2021 7:00	1.23	2.37	130.31	1446.64
10/14/2021 8:00	1.17	2.71	138.58	1482.78
10/14/2021 9:00	1.24	2.95	144.15	1518.46
10/14/2021 10:00	1.25	3.17	149.51	1563.64
10/14/2021 11:00	1.24	3.28	153.97	1582.27
10/14/2021 12:00	1.25	3.23	153.91	1575.28
10/14/2021 13:00	1.23	3.27	155.6	1603.64
10/14/2021 14:00	1.25	3.2	153.29	1573.33
10/14/2021 15:00	1.28	2.98	147.34	1536

10/14/2021 16:00	1.33	2.72	137.95	1492.69
10/14/2021 17:00	1.56	2.35	130.61	1447.82
10/14/2021 18:00	1.66	2.49	126.79	1414.97
10/14/2021 19:00	1.65	2.23	121.28	1405.88
10/14/2021 20:00	1.59	1.98	115.53	1396.63
10/14/2021 21:00	1.41	1.86	108.95	1367.28
10/14/2021 22:00	1.29	1.7	102.81	1345.51
10/14/2021 23:00	1.13	1.64	98.31	1307.8
10/15/2021 0:00	1.01	1.59	95.4	1278.84
10/15/2021 1:00	0.93	1.52	93.76	1253.52
10/15/2021 2:00	0.91	1.5	92.61	1231.8
10/15/2021 3:00	0.87	1.52	93.42	1228.88
10/15/2021 4:00	0.88	1.53	96.45	1256.59
10/15/2021 5:00	0.97	1.78	105.56	1314.98
10/15/2021 6:00	1.12	2.06	120.17	1380.13
10/15/2021 7:00	1.19	2.34	130.76	1418.43
10/15/2021 8:00	1.23	2.54	137.36	1446.43
10/15/2021 9:00	1.27	2.64	140.51	1442.32
10/15/2021 10:00	1.25	2.82	143.54	1450.13
10/15/2021 11:00	1.3	2.94	144.3	1465.72
10/15/2021 12:00	1.3	2.9	142.17	1449.61
10/15/2021 13:00	1.26	2.9	142.95	1450.97
10/15/2021 14:00	1.42	2.88	141.12	1422.91
10/15/2021 15:00	1.35	2.75	135.25	1404.94
10/15/2021 16:00	1.44	2.59	127.91	1397.63
10/15/2021 17:00	1.53	2.4	123.14	1366.45
10/15/2021 18:00	1.57	2.43	120.22	1342.31
10/15/2021 19:00	1.58	2.28	115.83	1336.3
10/15/2021 20:00	1.51	2.13	111.03	1308.96
10/15/2021 21:00	1.43	1.99	105.35	1262.7
10/15/2021 22:00	1.32	1.87	98.84	1213.04
10/15/2021 23:00	1.17	1.62	93.78	1157.5
10/16/2021 0:00	1.05	1.55	90.66	1130.46
10/16/2021 1:00	0.97	1.55	89.66	1112.23
10/16/2021 2:00	0.91	1.48	88.56	1100.51
10/16/2021 3:00	0.89	1.5	89.06	1087.58
10/16/2021 4:00	0.87	1.5	90.45	1091.85
10/16/2021 5:00	0.89	1.54	95.03	1118.69
10/16/2021 6:00	1.04	1.78	101.37	1136.34
10/16/2021 7:00	1.19	1.89	104.22	1116.64
10/16/2021 8:00	1.23	2.12	106.16	1125.09
10/16/2021 9:00	1.3	2.23	109.06	1129.12
10/16/2021 10:00	1.46	2.26	111.97	1127.32
10/16/2021 11:00	1.5	2.34	113.03	1132.83
10/16/2021 12:00	1.54	2.37	113.07	1135.07
10/16/2021 13:00	1.52	2.34	112.3	1139.46
10/16/2021 14:00	1.49	2.24	111.15	1129.78
10/16/2021 15:00	1.43	2.19	109.66	1117.21
10/16/2021 16:00	1.58	2.21	107.57	1107.1
10/16/2021 17:00	1.71	2.19	106.2	1093.63
10/16/2021 18:00	1.66	2.43	105.72	1081.3
10/16/2021 19:00	1.61	2.14	102.42	1067.49
10/16/2021 20:00	1.53	2.03	99.08	1055.65

10/16/2021 21:00	1.46	1.91	94.82	1046.3
10/16/2021 22:00	1.34	1.77	89.49	1022.54
10/16/2021 23:00	1.16	1.68	86.18	994.94
10/17/2021 0:00	1.03	1.6	83.26	964.17
10/17/2021 1:00	0.95	1.52	82.03	945.89
10/17/2021 2:00	0.94	1.53	81.32	942.53
10/17/2021 3:00	0.87	1.53	80.69	939.05
10/17/2021 4:00	0.9	1.52	81.25	927.1
10/17/2021 5:00	0.89	1.52	82.28	933.11
10/17/2021 6:00	0.96	1.49	84.8	913.79
10/17/2021 7:00	1.12	1.47	85.29	896.76
10/17/2021 8:00	1.3	1.54	87.3	885.44
10/17/2021 9:00	1.42	1.64	89.01	894.27
10/17/2021 10:00	1.41	1.72	90.43	893.26
10/17/2021 11:00	1.49	1.78	92.16	897.58
10/17/2021 12:00	1.48	1.79	92.93	907.08
10/17/2021 13:00	1.46	1.74	93.35	913.83
10/17/2021 14:00	1.49	1.76	93.16	908.11
10/17/2021 15:00	1.58	1.73	92.43	911.35
10/17/2021 16:00	1.74	1.7	92.07	906.51
10/17/2021 17:00	1.78	1.68	91.38	894.14
10/17/2021 18:00	1.88	1.74	90.56	879.89
10/17/2021 19:00	1.8	1.67	87.62	874.96
10/17/2021 20:00	1.67	1.65	84.21	869.43
10/17/2021 21:00	1.47	1.56	82.3	867.36
10/17/2021 22:00	1.28	1.55	81.72	876.94
10/17/2021 23:00	1.08	1.47	80.67	898.35
10/18/2021 0:00	0.95	1.43	80.15	915
10/18/2021 1:00	0.89	1.38	80.37	926.28
10/18/2021 2:00	0.88	1.37	80.23	928.45
10/18/2021 3:00	0.9	1.41	81.25	952.15
10/18/2021 4:00	0.95	1.42	86.35	1005.54
10/18/2021 5:00	1.06	1.61	96.85	1114.55
10/18/2021 6:00	1.26	1.98	112.18	1209.96
10/18/2021 7:00	1.41	2.36	122.95	1305.64
10/18/2021 8:00	1.4	2.61	130.13	1346.73
10/18/2021 9:00	1.38	2.75	132.89	1352.41
10/18/2021 10:00	1.36	2.9	134.75	1386.89
10/18/2021 11:00	1.32	2.84	135.58	1389.95
10/18/2021 12:00	1.31	2.77	133.83	1394.13
10/18/2021 13:00	1.29	2.9	134.35	1410.07
10/18/2021 14:00	1.32	2.68	132.54	1399.7
10/18/2021 15:00	1.33	2.56	126.56	1373.35
10/18/2021 16:00	1.51	2.37	118.5	1313.56
10/18/2021 17:00	1.82	2.19	113.08	1290.68
10/18/2021 18:00	1.89	2.17	110.52	1265.99
10/18/2021 19:00	1.95	1.89	107.44	1260.66
10/18/2021 20:00	1.66	1.78	102.46	1238.26
10/18/2021 21:00	1.49	1.65	98.12	1215.53
10/18/2021 22:00	1.28	1.56	93.17	1208.65
10/18/2021 23:00	1.14	1.49	89.34	1188.13
10/19/2021 0:00	1.01	1.49	87.34	1154.3
10/19/2021 1:00	0.99	1.46	86.13	1134.9

10/19/2021 2:00	0.92	1.42	85.62	1118.1
10/19/2021 3:00	0.95	1.47	86.28	1103.32
10/19/2021 4:00	1.01	1.52	90.77	1146.65
10/19/2021 5:00	1.11	1.74	100.47	1222.39
10/19/2021 6:00	1.3	2	115.16	1313.23
10/19/2021 7:00	1.45	2.34	125.18	1401.08
10/19/2021 8:00	1.38	2.59	131.22	1429.15
10/19/2021 9:00	1.38	2.65	133.98	1424.97
10/19/2021 10:00	1.36	2.77	134.8	1439.75
10/19/2021 11:00	1.42	2.82	137.31	1442.52
10/19/2021 12:00	1.31	2.79	135.17	1434.81
10/19/2021 13:00	1.27	2.9	137.21	1446.55
10/19/2021 14:00	1.29	2.84	135.28	1414.23
10/19/2021 15:00	1.38	2.58	129.42	1392.61
10/19/2021 16:00	1.45	2.32	120.88	1347.24
10/19/2021 17:00	1.77	2.13	115.13	1312.67
10/19/2021 18:00	1.8	2.38	112.95	1300.7
10/19/2021 19:00	1.74	2.17	109.4	1297.58
10/19/2021 20:00	1.65	1.86	104.63	1267.51
10/19/2021 21:00	1.49	1.74	99.84	1232.54
10/19/2021 22:00	1.33	1.65	94.17	1221.81
10/19/2021 23:00	1.21	1.58	90.35	1201.12
10/20/2021 0:00	1.03	1.54	88.23	1178.35
10/20/2021 1:00	0.98	1.5	86.75	1140.19
10/20/2021 2:00	0.97	1.47	86.1	1123.36
10/20/2021 3:00	0.97	1.48	87.29	1132.41
10/20/2021 4:00	1	1.53	90.9	1156.72
10/20/2021 5:00	1.12	1.68	100.17	1237.55
10/20/2021 6:00	1.3	2.01	116.11	1349.4
10/20/2021 7:00	1.38	2.37	126.09	1427.11
10/20/2021 8:00	1.35	2.62	132.06	1436.77
10/20/2021 9:00	1.29	2.78	135	1449.84
10/20/2021 10:00	1.21	2.85	138.72	1482.4
10/20/2021 11:00	1.29	2.97	141.17	1502.25
10/20/2021 12:00	1.26	2.87	140.42	1492.15
10/20/2021 13:00	1.22	2.97	143.73	1516.49
10/20/2021 14:00	1.2	2.96	142.68	1475.2
10/20/2021 15:00	1.25	2.8	137.87	1462.85
10/20/2021 16:00	1.38	2.54	127.73	1405.46
10/20/2021 17:00	1.74	2.22	121.47	1363.23
10/20/2021 18:00	1.74	2.31	117.39	1332.16
10/20/2021 19:00	1.58	2.38	112.53	1313.59
10/20/2021 20:00	1.49	2.37	107.54	1300.15
10/20/2021 21:00	1.28	2.11	102.64	1268.71
10/20/2021 22:00	1.17	1.89	97.15	1260.69
10/20/2021 23:00	1.01	1.92	93.63	1236.8
10/21/2021 0:00	0.89	1.74	90.6	1215.12
10/21/2021 1:00	0.88	1.51	89.09	1186.68
10/21/2021 2:00	0.86	1.45	88.43	1166.9
10/21/2021 3:00	0.85	1.48	89.14	1156.99
10/21/2021 4:00	0.88	1.5	92.5	1188.19
10/21/2021 5:00	1.02	1.68	101.72	1263.02
10/21/2021 6:00	1.18	2.01	117.41	1354.95

10/21/2021 7:00	1.22	2.49	127.88	1432.41
10/21/2021 8:00	1.24	2.66	134.16	1461.98
10/21/2021 9:00	1.19	2.69	136.76	1456.22
10/21/2021 10:00	1.3	2.8	140.1	1491.41
10/21/2021 11:00	1.3	2.87	143.2	1509.99
10/21/2021 12:00	1.19	2.93	143.92	1512.51
10/21/2021 13:00	1.18	3.05	146.07	1525.25
10/21/2021 14:00	1.21	3.09	144.39	1506.61
10/21/2021 15:00	1.18	2.8	138.21	1480.59
10/21/2021 16:00	1.24	2.56	129.51	1419.72
10/21/2021 17:00	1.5	2.33	122.3	1393.22
10/21/2021 18:00	1.65	2.5	119.54	1363.42
10/21/2021 19:00	1.53	2.27	114.24	1345.1
10/21/2021 20:00	1.61	1.95	109.52	1322.59
10/21/2021 21:00	1.34	1.81	103.19	1270.97
10/21/2021 22:00	1.19	1.72	97.5	1247.6
10/21/2021 23:00	1.02	1.68	93.12	1238.99
10/22/2021 0:00	0.9	1.64	90.32	1211.22
10/22/2021 1:00	0.89	1.55	88.56	1181.9
10/22/2021 2:00	0.85	1.51	87.82	1151.13
10/22/2021 3:00	0.83	1.53	88.67	1168.47
10/22/2021 4:00	0.86	1.59	92.57	1204.41
10/22/2021 5:00	1.04	1.72	101.72	1261.42
10/22/2021 6:00	1.21	2.01	116.39	1371.23
10/22/2021 7:00	1.24	2.42	127.24	1441.83
10/22/2021 8:00	1.26	2.72	133.51	1462.9
10/22/2021 9:00	1.21	2.73	136.11	1468.61
10/22/2021 10:00	1.18	2.92	140.01	1488.25
10/22/2021 11:00	1.17	3.04	141.79	1466.87
10/22/2021 12:00	1.26	2.84	139.92	1437.21
10/22/2021 13:00	1.22	2.9	138.54	1424.47
10/22/2021 14:00	1.23	2.84	135.52	1398.87
10/22/2021 15:00	1.24	2.59	128.11	1359.58
10/22/2021 16:00	1.36	2.46	121.2	1334.95
10/22/2021 17:00	1.43	2.38	115.69	1305.66
10/22/2021 18:00	1.51	2.37	112.29	1254.29
10/22/2021 19:00	1.42	2.22	108.74	1239.7
10/22/2021 20:00	1.49	2.16	104.18	1210.01
10/22/2021 21:00	1.36	1.94	98.4	1159.86
10/22/2021 22:00	1.18	1.79	91.94	1113.55
10/22/2021 23:00	1.07	1.59	87.23	1061.16
10/23/2021 0:00	0.98	1.54	83.42	1017.45
10/23/2021 1:00	1.02	1.49	81.91	986.85
10/23/2021 2:00	0.9	1.68	81.48	969.54
10/23/2021 3:00	0.85	1.91	81.35	963.39
10/23/2021 4:00	0.88	1.86	83.18	960.39
10/23/2021 5:00	0.96	1.67	87.15	981.99
10/23/2021 6:00	1.15	1.69	93.87	998.08
10/23/2021 7:00	1.27	1.75	95.76	1014.85
10/23/2021 8:00	1.39	1.89	96.2	1001.76
10/23/2021 9:00	1.44	1.96	97.52	1002.72
10/23/2021 10:00	1.59	2.03	97.76	986.13
10/23/2021 11:00	1.65	2.02	97.18	981.95

10/23/2021 12:00	1.59	2	95.14	976.5
10/23/2021 13:00	1.37	2.03	94.91	973.99
10/23/2021 14:00	1.31	1.97	94.42	963.11
10/23/2021 15:00	1.28	1.96	93.76	951.39
10/23/2021 16:00	1.48	1.92	92.78	951.45
10/23/2021 17:00	1.71	2.06	92.48	939.11
10/23/2021 18:00	1.74	2.41	92.54	923.12
10/23/2021 19:00	1.65	2.14	90.43	912.11
10/23/2021 20:00	1.62	1.93	87.74	900.37
10/23/2021 21:00	1.44	1.83	84.84	902.54
10/23/2021 22:00	1.22	1.75	80.8	890.29
10/23/2021 23:00	1.14	1.62	79.14	873.78
10/24/2021 0:00	1.09	1.54	77.25	861.64
10/24/2021 1:00	1.05	1.47	76.81	861.76
10/24/2021 2:00	1.03	1.46	75.92	854.16
10/24/2021 3:00	0.99	1.49	76.54	852.63
10/24/2021 4:00	1.02	1.5	77.39	854.93
10/24/2021 5:00	1.04	1.53	79.42	864.3
10/24/2021 6:00	1.24	1.55	82.77	872.2
10/24/2021 7:00	1.47	1.58	84.05	863.22
10/24/2021 8:00	1.59	1.65	84.81	855.09
10/24/2021 9:00	1.69	1.75	85.66	834.03
10/24/2021 10:00	1.75	1.79	87.19	833.94
10/24/2021 11:00	1.75	1.78	88.27	854.43
10/24/2021 12:00	1.78	1.78	88	866.96
10/24/2021 13:00	1.68	1.8	88.63	877.62
10/24/2021 14:00	1.64	1.75	89.18	878.03
10/24/2021 15:00	1.73	1.77	88.94	874.9
10/24/2021 16:00	1.8	1.69	89.3	879.3
10/24/2021 17:00	2.01	1.8	88.64	866.27
10/24/2021 18:00	2.08	1.94	88.68	855.22
10/24/2021 19:00	1.95	1.88	86.07	853.71
10/24/2021 20:00	1.86	1.73	81.98	857.19
10/24/2021 21:00	1.59	1.58	80.42	857.45
10/24/2021 22:00	1.39	1.56	79.85	863.44
10/24/2021 23:00	1.16	1.51	79.22	888.3
10/25/2021 0:00	1.04	1.49	79.05	907.43
10/25/2021 1:00	1	1.46	78.17	916.64
10/25/2021 2:00	0.96	1.45	78.19	919.69
10/25/2021 3:00	0.97	1.52	80.14	948.22
10/25/2021 4:00	1.03	1.55	85.03	1002.32
10/25/2021 5:00	1.16	1.71	95.74	1100.35
10/25/2021 6:00	1.3	2	111.84	1216.34
10/25/2021 7:00	1.47	2.47	124.18	1292.09
10/25/2021 8:00	1.42	2.69	131.11	1337.36
10/25/2021 9:00	1.48	2.82	133.8	1369.87
10/25/2021 10:00	1.58	2.95	135.07	1397.2
10/25/2021 11:00	1.61	2.92	135.67	1392.85
10/25/2021 12:00	1.62	2.83	133.8	1379.36
10/25/2021 13:00	1.65	2.85	133.38	1377.73
10/25/2021 14:00	1.56	2.81	131.02	1355.39
10/25/2021 15:00	1.61	2.56	124.97	1328.83
10/25/2021 16:00	1.74	2.36	117.14	1270.87

10/25/2021 17:00	2.07	2.15	112.86	1250.96
10/25/2021 18:00	1.98	2.12	109.85	1250.04
10/25/2021 19:00	1.85	1.97	106.85	1242.98
10/25/2021 20:00	1.67	1.82	102.89	1222.97
10/25/2021 21:00	1.61	1.71	98.41	1206.71
10/25/2021 22:00	1.38	1.63	93.35	1201.29
10/25/2021 23:00	1.21	1.58	90.34	1174.58
10/26/2021 0:00	1.13	1.54	88.4	1148.9
10/26/2021 1:00	1.08	1.52	86.86	1128.79
10/26/2021 2:00	1.01	1.5	85.94	1106.67
10/26/2021 3:00	1.02	1.55	87.52	1117.09
10/26/2021 4:00	1.09	1.57	92.26	1161.92
10/26/2021 5:00	1.24	1.73	101.1	1231
10/26/2021 6:00	1.4	2.07	116.07	1321.61
10/26/2021 7:00	1.5	2.46	127.38	1394.55
10/26/2021 8:00	1.46	2.64	133.39	1413.93
10/26/2021 9:00	1.49	2.71	135.73	1420.81
10/26/2021 10:00	1.48	2.84	137.32	1449.99
10/26/2021 11:00	1.59	2.81	137.67	1445.43
10/26/2021 12:00	1.57	2.75	135.48	1434.78
10/26/2021 13:00	1.45	2.83	136.16	1442.32
10/26/2021 14:00	1.48	2.77	134.31	1414.91
10/26/2021 15:00	1.52	2.68	129.19	1373.88
10/26/2021 16:00	1.69	2.48	121.14	1338.68
10/26/2021 17:00	2	2.18	116.37	1305.14
10/26/2021 18:00	1.96	2.06	112.36	1292.69
10/26/2021 19:00	1.83	1.98	109.11	1283.1
10/26/2021 20:00	1.72	1.84	104.68	1277.29
10/26/2021 21:00	1.52	1.71	100.68	1237.56
10/26/2021 22:00	1.32	1.63	96.08	1215.98
10/26/2021 23:00	1.2	1.58	92.61	1194.16
10/27/2021 0:00	1.07	1.55	90.25	1172.79
10/27/2021 1:00	1.01	1.52	88.33	1143.23
10/27/2021 2:00	1	1.51	87.5	1121.28
10/27/2021 3:00	0.98	1.51	88.97	1120.59
10/27/2021 4:00	1	1.51	93.55	1134.46
10/27/2021 5:00	1.1	1.7	102.18	1205.04
10/27/2021 6:00	1.29	2.01	117.19	1300.27
10/27/2021 7:00	1.39	2.43	128.7	1393.15
10/27/2021 8:00	1.45	2.62	134.43	1427.94
10/27/2021 9:00	1.38	2.71	135.31	1425.84
10/27/2021 10:00	1.34	2.94	137.18	1443.41
10/27/2021 11:00	1.46	2.93	137.14	1438.33
10/27/2021 12:00	1.55	2.85	135	1429.77
10/27/2021 13:00	1.47	2.97	135.79	1418.99
10/27/2021 14:00	1.46	2.89	133.59	1384.78
10/27/2021 15:00	1.46	2.63	127.25	1355.51
10/27/2021 16:00	1.62	2.38	119.61	1323.97
10/27/2021 17:00	1.88	2.21	114.92	1297.25
10/27/2021 18:00	1.9	2.15	112.53	1273.28
10/27/2021 19:00	1.82	2.02	109.15	1265.85
10/27/2021 20:00	1.59	1.94	104.96	1260.99
10/27/2021 21:00	1.67	1.8	100.53	1228.33

10/27/2021 22:00	1.44	1.72	94.98	1212.6
10/27/2021 23:00	1.18	1.69	91.47	1185.24
10/28/2021 0:00	1.08	1.64	88.95	1155.12
10/28/2021 1:00	1.03	1.62	87.85	1132.03
10/28/2021 2:00	1.01	1.59	87.14	1116.52
10/28/2021 3:00	1.02	1.6	88.88	1118.8
10/28/2021 4:00	1.07	1.61	92.91	1150.08
10/28/2021 5:00	1.25	1.81	102.6	1216.81
10/28/2021 6:00	1.42	2.18	118.31	1326.62
10/28/2021 7:00	1.48	2.52	128.68	1384.77
10/28/2021 8:00	1.44	2.73	133.83	1396.32
10/28/2021 9:00	1.44	2.82	135.27	1400.81
10/28/2021 10:00	1.42	2.88	135.51	1413.14
10/28/2021 11:00	1.38	2.98	136.79	1397.96
10/28/2021 12:00	1.46	2.98	134.17	1387.35
10/28/2021 13:00	1.37	2.9	134.45	1411.21
10/28/2021 14:00	1.31	2.79	131.55	1368.56
10/28/2021 15:00	1.35	2.57	126.03	1305.76
10/28/2021 16:00	1.46	2.35	118.86	1288.15
10/28/2021 17:00	1.73	2.25	114.04	1254.1
10/28/2021 18:00	1.87	2.38	111.67	1233.52
10/28/2021 19:00	1.81	2.07	108.52	1235
10/28/2021 20:00	1.75	1.87	104.51	1219.51
10/28/2021 21:00	1.63	1.78	100.15	1187.57
10/28/2021 22:00	1.43	1.72	94.56	1174.73
10/28/2021 23:00	1.26	1.69	91.32	1153.98
10/29/2021 0:00	1.18	1.65	89.75	1135.15
10/29/2021 1:00	1.13	1.62	87.79	1116.9
10/29/2021 2:00	1.14	1.6	87.07	1096.01
10/29/2021 3:00	1.11	1.63	88.63	1097.43
10/29/2021 4:00	1.2	1.66	92.93	1129.99
10/29/2021 5:00	1.36	1.84	101.9	1200.27
10/29/2021 6:00	1.54	2.15	117.09	1272.78
10/29/2021 7:00	1.65	2.62	126.54	1335.93
10/29/2021 8:00	1.57	2.68	131.04	1349.09
10/29/2021 9:00	1.55	2.67	132.29	1337.6
10/29/2021 10:00	1.62	2.83	132.82	1355.08
10/29/2021 11:00	1.55	2.94	131.76	1342.73
10/29/2021 12:00	1.48	2.82	129.05	1328.69
10/29/2021 13:00	1.37	2.78	129.12	1321.29
10/29/2021 14:00	1.36	2.71	125.44	1290.69
10/29/2021 15:00	1.41	2.51	119.51	1266.9
10/29/2021 16:00	1.48	2.35	113.14	1237.41
10/29/2021 17:00	1.66	2.18	109.13	1205.96
10/29/2021 18:00	1.75	2.34	107.52	1191.9
10/29/2021 19:00	1.82	2.23	104.97	1173.97
10/29/2021 20:00	1.76	2.09	101.26	1140.43
10/29/2021 21:00	1.64	1.79	96.92	1114.57
10/29/2021 22:00	1.48	1.71	90.98	1075.49
10/29/2021 23:00	1.28	1.6	86.8	1030.15
10/30/2021 0:00	1.19	1.57	84.34	1008.71
10/30/2021 1:00	1.08	1.52	82.69	993.18
10/30/2021 2:00	1.04	1.51	82.04	973.29

10/30/2021 3:00	1	1.52	82.29	968.08
10/30/2021 4:00	1.02	1.53	84.15	967.74
10/30/2021 5:00	1.07	1.56	87.93	979.16
10/30/2021 6:00	1.2	1.64	94.54	997.85
10/30/2021 7:00	1.38	1.8	96.93	1001.06
10/30/2021 8:00	1.55	1.86	97.24	1000.7
10/30/2021 9:00	1.51	1.9	98.52	999.4
10/30/2021 10:00	1.61	1.97	99.26	1001.08
10/30/2021 11:00	1.66	2.01	99.29	1005.65
10/30/2021 12:00	1.76	2.02	97.79	995.39
10/30/2021 13:00	1.65	1.99	97.25	1002.55
10/30/2021 14:00	1.75	2	96.37	999.18
10/30/2021 15:00	1.67	1.95	95.38	981.68
10/30/2021 16:00	1.8	1.92	95.13	971.07
10/30/2021 17:00	1.97	1.97	94.92	963.24
10/30/2021 18:00	1.84	1.98	94.34	942.96
10/30/2021 19:00	1.73	1.9	92.47	931.97
10/30/2021 20:00	1.6	1.78	90.8	931.35
10/30/2021 21:00	1.41	1.65	88.05	925.68
10/30/2021 22:00	1.3	1.58	84.37	907.74
10/30/2021 23:00	1.22	1.52	82.15	903.2
10/31/2021 0:00	1.06	1.47	80.94	899.51
10/31/2021 1:00	1.02	1.43	79.9	903.56
10/31/2021 2:00	0.97	1.42	79.22	904.73
10/31/2021 3:00	0.95	1.44	79.74	904.58
10/31/2021 4:00	0.93	1.48	81.02	906.61
10/31/2021 5:00	0.98	1.51	83.41	905.83
10/31/2021 6:00	1.12	1.51	86.68	905.48
10/31/2021 7:00	1.22	1.54	89	895.18
10/31/2021 8:00	1.41	1.56	89.5	888.16
10/31/2021 9:00	1.58	1.66	89.98	884.07
10/31/2021 10:00	1.58	1.72	92	896.96
10/31/2021 11:00	1.68	1.79	94.22	909.17
10/31/2021 12:00	1.64	1.81	94.21	913.1
10/31/2021 13:00	1.69	1.83	94.66	923.22
10/31/2021 14:00	1.71	1.79	94.13	922.57
10/31/2021 15:00	1.68	1.7	93.78	931.74
10/31/2021 16:00	1.69	1.71	92.72	926.04
10/31/2021 17:00	1.68	1.74	92.96	917.09
10/31/2021 18:00	1.75	1.81	92.27	905.79
10/31/2021 19:00	1.68	1.73	89.66	897.44
10/31/2021 20:00	1.59	1.64	86.88	894.86
10/31/2021 21:00	1.52	1.54	84.6	892.56
10/31/2021 22:00	1.28	1.5	83.62	901.45
10/31/2021 23:00	1.2	1.46	82.66	927.8
11/1/2021 0:00	1.01	1.47	82.3	944.75
11/1/2021 1:00	0.93	1.41	81.64	946.16
11/1/2021 2:00	0.94	1.45	81.21	953.6
11/1/2021 3:00	0.9	1.44	82.45	963
11/1/2021 4:00	0.93	1.49	86.92	1012.19
11/1/2021 5:00	1.07	1.71	97.81	1092.22
11/1/2021 6:00	1.27	2.07	113.29	1185.66
11/1/2021 7:00	1.44	2.42	124.08	1259.74

11/1/2021 8:00	1.37	2.63	130.28	1317.97
11/1/2021 9:00	1.26	2.8	132.79	1333.61
11/1/2021 10:00	1.32	2.84	134.61	1378.44
11/1/2021 11:00	1.41	2.77	134.89	1379.5
11/1/2021 12:00	1.44	2.73	133.45	1374.61
11/1/2021 13:00	1.39	2.78	134.82	1399.29
11/1/2021 14:00	1.27	2.83	132.73	1369.33
11/1/2021 15:00	1.31	2.55	126.56	1347.59
11/1/2021 16:00	1.52	2.3	118.44	1309.85
11/1/2021 17:00	1.75	2.16	113.33	1267.43
11/1/2021 18:00	1.88	2.13	110.88	1244.06
11/1/2021 19:00	1.72	1.98	107.41	1229.86
11/1/2021 20:00	1.65	1.84	103.72	1223.52
11/1/2021 21:00	1.47	1.69	98.77	1207.42
11/1/2021 22:00	1.38	1.62	94.06	1185.64
11/1/2021 23:00	1.17	1.62	90.48	1154.15
11/2/2021 0:00	1.05	1.56	88.34	1124.48
11/2/2021 1:00	1	1.55	86.97	1103.36
11/2/2021 2:00	1	1.51	86.34	1095.99
11/2/2021 3:00	1.01	1.54	87.58	1104.54
11/2/2021 4:00	1.06	1.56	91.95	1129.38
11/2/2021 5:00	1.22	1.75	100.96	1224.65
11/2/2021 6:00	1.44	2.13	115.68	1315.61
11/2/2021 7:00	1.54	2.49	126.13	1369.39
11/2/2021 8:00	1.5	2.73	131.41	1378.78
11/2/2021 9:00	1.49	2.75	132.56	1374.38
11/2/2021 10:00	1.5	2.88	133.68	1398.68
11/2/2021 11:00	1.51	2.79	133.97	1403.45
11/2/2021 12:00	1.51	2.66	132.47	1388.63
11/2/2021 13:00	1.43	2.72	133.95	1422.19
11/2/2021 14:00	1.37	2.68	131.52	1409.06
11/2/2021 15:00	1.43	2.58	126.01	1357.41
11/2/2021 16:00	1.61	2.31	118.28	1318.08
11/2/2021 17:00	1.9	2.42	113.77	1290.51
11/2/2021 18:00	2	2.19	110.55	1262.34
11/2/2021 19:00	1.82	1.92	107.55	1251.75
11/2/2021 20:00	1.66	1.82	104.26	1243.33
11/2/2021 21:00	1.53	1.67	100.04	1224.41
11/2/2021 22:00	1.38	1.58	95.31	1217.24
11/2/2021 23:00	1.23	1.54	91.19	1194.29
11/3/2021 0:00	1.1	1.54	89.53	1156.23
11/3/2021 1:00	1.06	1.48	88.47	1129.27
11/3/2021 2:00	1.02	1.47	87.91	1112.54
11/3/2021 3:00	1.07	1.51	88.34	1117.12
11/3/2021 4:00	1.13	1.55	92.87	1154.45
11/3/2021 5:00	1.35	1.78	102.6	1236.26
11/3/2021 6:00	1.6	2.1	119	1329.03
11/3/2021 7:00	1.58	2.47	130.13	1398.41
11/3/2021 8:00	1.64	2.65	135.46	1411.08
11/3/2021 9:00	1.56	2.68	136.79	1383.71
11/3/2021 10:00	1.44	2.7	138.23	1402.68
11/3/2021 11:00	1.43	2.76	138.7	1383.34
11/3/2021 12:00	1.49	2.64	136.75	1375.72

11/3/2021 13:00	1.41	2.69	137.76	1382.05
11/3/2021 14:00	1.37	2.64	134.87	1337.27
11/3/2021 15:00	1.51	2.51	128.95	1305.84
11/3/2021 16:00	1.7	2.26	121.6	1281.09
11/3/2021 17:00	1.93	2.34	117.15	1255.2
11/3/2021 18:00	2.06	2.22	115.13	1225.29
11/3/2021 19:00	2.02	1.99	113.1	1224.01
11/3/2021 20:00	1.89	1.9	108.78	1212.86
11/3/2021 21:00	1.68	1.8	104.27	1203.86
11/3/2021 22:00	1.42	1.64	99.69	1197.34
11/3/2021 23:00	1.3	1.62	96.88	1182.21
11/4/2021 0:00	1.25	1.64	94.81	1154.42
11/4/2021 1:00	1.15	1.59	94.02	1141.19
11/4/2021 2:00	1.16	1.57	93.17	1113.21
11/4/2021 3:00	1.18	1.6	94.45	1115.69
11/4/2021 4:00	1.27	1.66	99.78	1138
11/4/2021 5:00	1.45	1.83	109.01	1209.73
11/4/2021 6:00	1.62	2.2	126.03	1291.16
11/4/2021 7:00	1.75	2.6	136.16	1355.09
11/4/2021 8:00	1.8	2.8	140.64	1363.82
11/4/2021 9:00	1.71	2.86	140.97	1363.65
11/4/2021 10:00	1.64	2.93	140.27	1383.3
11/4/2021 11:00	1.57	3.06	140.45	1378.82
11/4/2021 12:00	1.57	2.91	137.32	1377.81
11/4/2021 13:00	1.55	2.86	137.83	1384.47
11/4/2021 14:00	1.53	2.87	135.06	1354.68
11/4/2021 15:00	1.52	2.66	128.88	1313.68
11/4/2021 16:00	1.64	2.44	121.32	1282.15
11/4/2021 17:00	1.92	2.41	117.95	1277.27
11/4/2021 18:00	2.09	2.38	115.43	1251.11
11/4/2021 19:00	1.99	2.12	112.48	1238.68
11/4/2021 20:00	1.85	1.92	109.02	1227.86
11/4/2021 21:00	1.69	1.78	104.7	1210.94
11/4/2021 22:00	1.47	1.72	99.48	1204.47
11/4/2021 23:00	1.3	1.66	95.93	1178.02
11/5/2021 0:00	1.25	1.64	93.23	1147.16
11/5/2021 1:00	1.19	1.63	92.01	1107.24
11/5/2021 2:00	1.21	1.61	91.71	1096.71
11/5/2021 3:00	1.24	1.65	92.21	1097.22
11/5/2021 4:00	1.25	1.69	96.59	1115.66
11/5/2021 5:00	1.39	1.84	105.75	1178.21
11/5/2021 6:00	1.53	2.22	120.45	1266.82
11/5/2021 7:00	1.72	2.55	130.53	1324.75
11/5/2021 8:00	1.71	2.7	134.92	1349.93
11/5/2021 9:00	1.76	2.72	134.51	1341.43
11/5/2021 10:00	1.71	2.81	134.6	1344.15
11/5/2021 11:00	1.68	2.78	134.5	1321.15
11/5/2021 12:00	1.54	2.69	131.17	1294.12
11/5/2021 13:00	1.47	2.69	130.26	1290.59
11/5/2021 14:00	1.48	2.65	126.33	1255.17
11/5/2021 15:00	1.54	2.45	120.15	1231.17
11/5/2021 16:00	1.67	2.25	115.37	1209.04
11/5/2021 17:00	1.82	2.39	112.72	1192.21

11/5/2021 18:00	1.96	2.38	110.53	1172.51
11/5/2021 19:00	1.89	2.15	107.54	1155.42
11/5/2021 20:00	1.86	1.94	104.75	1134.69
11/5/2021 21:00	1.7	1.81	101.21	1117.15
11/5/2021 22:00	1.56	1.78	95.79	1084.66
11/5/2021 23:00	1.41	1.71	91.41	1041.34
11/6/2021 0:00	1.34	1.69	89.32	1005.87
11/6/2021 1:00	1.28	1.65	87.86	993.21
11/6/2021 2:00	1.24	1.64	86.98	972.24
11/6/2021 3:00	1.25	1.64	87.16	965.43
11/6/2021 4:00	1.26	1.68	88.72	972.8
11/6/2021 5:00	1.38	1.76	93.26	999.06
11/6/2021 6:00	1.49	1.87	100.58	1025.29
11/6/2021 7:00	1.8	1.98	102.96	1022.86
11/6/2021 8:00	2.01	2.09	101.98	1004.36
11/6/2021 9:00	1.93	2.17	101.2	984.16
11/6/2021 10:00	1.88	2.18	100.25	976.42
11/6/2021 11:00	1.78	2.15	98.42	961.16
11/6/2021 12:00	1.79	2.11	95.66	953.93
11/6/2021 13:00	1.65	2.01	94.45	953.8
11/6/2021 14:00	1.57	1.94	94.36	949.15
11/6/2021 15:00	1.6	1.86	93.58	956.73
11/6/2021 16:00	1.74	1.82	93.37	949.33
11/6/2021 17:00	1.99	1.91	93.96	942.08
11/6/2021 18:00	1.99	2.26	93.91	940.23
11/6/2021 19:00	1.91	2.24	91.72	932.77
11/6/2021 20:00	1.84	1.89	90.15	922.45
11/6/2021 21:00	1.71	1.74	87.56	919.92
11/6/2021 22:00	1.55	1.68	84.39	909.1
11/6/2021 23:00	1.48	1.66	82.03	890.81
11/7/2021 0:00	1.37	1.63	80.96	872
11/7/2021 1:00	1.31	1.57	80.33	868.79
11/7/2021 2:00	1.32	1.59	79.57	861.47
11/7/2021 3:00	1.27	1.58	79.5	857.28
11/7/2021 4:00	1.3	1.65	80.1	856.84
11/7/2021 5:00	1.34	1.67	81.29	863.74
11/7/2021 6:00	1.42	1.69	84.27	879.79
11/7/2021 7:00	1.73	1.7	86.52	875.8
11/7/2021 8:00	1.91	1.73	87.81	854.72
11/7/2021 9:00	1.94	1.8	88.79	847.61
11/7/2021 10:00	1.95	1.84	89.23	838.46
11/7/2021 11:00	1.84	1.83	89.68	832.71
11/7/2021 12:00	1.81	1.83	90.69	840.32
11/7/2021 13:00	1.76	1.8	91.03	867.09
11/7/2021 14:00	1.79	1.79	91.02	871.98
11/7/2021 15:00	1.82	1.73	91.12	875.69
11/7/2021 16:00	1.82	1.66	90.97	896.22
11/7/2021 17:00	2.12	1.76	92.14	895.7
11/7/2021 18:00	2.27	1.91	92.15	883.3
11/7/2021 19:00	2.19	1.88	90.64	870.71
11/7/2021 20:00	2.02	1.79	88.53	859.21
11/7/2021 21:00	1.88	1.72	85.97	859.71
11/7/2021 22:00	1.67	1.65	84.14	863.67

11/7/2021 23:00	1.51	1.66	83.93	880.15
11/8/2021 0:00	1.29	1.65	83.21	908.14
11/8/2021 1:00	1.2	1.62	82.42	926.53
11/8/2021 2:00	1.16	1.57	82.98	940.11
11/8/2021 3:00	1.19	1.55	83.64	945.27
11/8/2021 4:00	1.2	1.64	85.94	973.9
11/8/2021 5:00	1.24	1.68	90.6	1008.88
11/8/2021 6:00	1.45	1.89	101	1108.44
11/8/2021 7:00	1.69	2.17	116.11	1214.17
11/8/2021 8:00	1.71	2.66	126.2	1283.25
11/8/2021 9:00	1.63	2.83	132.03	1332.32
11/8/2021 10:00	1.52	2.86	133	1361.63
11/8/2021 11:00	1.54	2.81	135.12	1401.83
11/8/2021 12:00	1.46	2.84	136.48	1387.69
11/8/2021 13:00	1.4	2.75	135.37	1406.06
11/8/2021 14:00	1.41	2.8	137.54	1425.33
11/8/2021 15:00	1.31	2.77	135.22	1415.58
11/8/2021 16:00	1.46	2.68	129.39	1382.06
11/8/2021 17:00	1.67	2.72	122.43	1339.78
11/8/2021 18:00	2.04	2.55	115.8	1296.88
11/8/2021 19:00	1.97	2.28	110.88	1254.86
11/8/2021 20:00	1.81	1.99	107.58	1244.16
11/8/2021 21:00	1.66	1.89	104.31	1231.65
11/8/2021 22:00	1.45	1.77	99.18	1210.21
11/8/2021 23:00	1.34	1.64	94.97	1185.44
11/9/2021 0:00	1.21	1.64	91.56	1165.43
11/9/2021 1:00	1.14	1.61	90.1	1135.85
11/9/2021 2:00	1.09	1.55	88.7	1117.3
11/9/2021 3:00	1.1	1.56	88.52	1110.07
11/9/2021 4:00	1.13	1.6	90.05	1112.77
11/9/2021 5:00	1.19	1.67	94.33	1148.27
11/9/2021 6:00	1.34	1.79	103.68	1231
11/9/2021 7:00	1.55	2.14	118.99	1328.19
11/9/2021 8:00	1.65	2.46	128.5	1371.2
11/9/2021 9:00	1.55	2.65	133.35	1374.97
11/9/2021 10:00	1.49	2.72	134.72	1393.58
11/9/2021 11:00	1.37	2.99	138.04	1426.14
11/9/2021 12:00	1.34	2.9	138.99	1431.76
11/9/2021 13:00	1.32	2.78	138.73	1442.92
11/9/2021 14:00	1.28	2.8	140.97	1476.93
11/9/2021 15:00	1.24	2.77	138.73	1467.5
11/9/2021 16:00	1.29	2.6	133.31	1424.38
11/9/2021 17:00	1.58	2.49	125.4	1371.24
11/9/2021 18:00	1.89	2.53	118.72	1322.93
11/9/2021 19:00	1.94	2.27	113.41	1299.41
11/9/2021 20:00	1.78	2	109.37	1282.57
11/9/2021 21:00	1.6	1.87	105.84	1266.2
11/9/2021 22:00	1.42	1.76	100.36	1239.52
11/9/2021 23:00	1.2	1.66	95.77	1222.03
11/10/2021 0:00	1.08	1.58	92.89	1202.56
11/10/2021 1:00	1.02	1.57	90.04	1178
11/10/2021 2:00	0.95	1.52	88.66	1164.8
11/10/2021 3:00	0.9	1.5	88.03	1144.81

11/10/2021 4:00	0.93	1.55	89.06	1147.54
11/10/2021 5:00	1.01	1.59	93.11	1196.51
11/10/2021 6:00	1.17	1.74	103.18	1266.38
11/10/2021 7:00	1.37	2.09	118.42	1358.94
11/10/2021 8:00	1.45	2.46	128.86	1414.6
11/10/2021 9:00	1.42	2.7	134.41	1434.13
11/10/2021 10:00	1.45	2.74	135.56	1414.7
11/10/2021 11:00	1.47	2.84	137.95	1440.51
11/10/2021 12:00	1.37	2.87	138.82	1430.15
11/10/2021 13:00	1.3	2.7	136.93	1430.54
11/10/2021 14:00	1.25	2.77	137.77	1431
11/10/2021 15:00	1.25	2.68	136.74	1383.25
11/10/2021 16:00	1.4	2.53	130.4	1352.06
11/10/2021 17:00	1.53	2.42	123.52	1340.91
11/10/2021 18:00	1.91	2.53	117.98	1309.57
11/10/2021 19:00	1.89	2.4	114.05	1278.36
11/10/2021 20:00	1.75	2.12	110.5	1266.05
11/10/2021 21:00	1.68	1.87	106.43	1237.05
11/10/2021 22:00	1.59	1.78	100.77	1222.79
11/10/2021 23:00	1.37	1.72	97.09	1206.73
11/11/2021 0:00	1.21	1.64	92.98	1189.73
11/11/2021 1:00	1.13	1.64	91.01	1150.99
11/11/2021 2:00	1.15	1.58	90.7	1130.24
11/11/2021 3:00	1.09	1.56	90.51	1108.31
11/11/2021 4:00	1.13	1.58	91.33	1107.26
11/11/2021 5:00	1.23	1.63	95.29	1156.23
11/11/2021 6:00	1.37	1.8	104.03	1217.3
11/11/2021 7:00	1.51	2.11	117.69	1292.07
11/11/2021 8:00	1.59	2.42	124.63	1344.26
11/11/2021 9:00	1.6	2.53	127.37	1338.65
11/11/2021 10:00	1.57	2.56	126.96	1329.39
11/11/2021 11:00	1.6	2.61	127.7	1355.56
11/11/2021 12:00	1.54	2.63	128.39	1347.97
11/11/2021 13:00	1.56	2.6	126.53	1350.46
11/11/2021 14:00	1.49	2.67	127.7	1368.63
11/11/2021 15:00	1.46	2.57	126.96	1353.36
11/11/2021 16:00	1.55	2.48	122.52	1304.53
11/11/2021 17:00	1.69	2.59	117.28	1291.88
11/11/2021 18:00	1.97	2.55	112.92	1271.03
11/11/2021 19:00	1.93	2.33	109.61	1238.85
11/11/2021 20:00	1.82	1.96	106.68	1223.03
11/11/2021 21:00	1.73	1.85	103.59	1214.41
11/11/2021 22:00	1.48	1.73	98.84	1190.44
11/11/2021 23:00	1.36	1.66	94.42	1170.6
11/12/2021 0:00	1.21	1.59	90.83	1146.56
11/12/2021 1:00	1.11	1.57	88.54	1114.15
11/12/2021 2:00	1.02	1.52	87.06	1086.67
11/12/2021 3:00	1	1.53	86.85	1065.15
11/12/2021 4:00	1.01	1.58	87.86	1068.07
11/12/2021 5:00	1.04	1.58	91.1	1108.66
11/12/2021 6:00	1.19	1.7	99.76	1179.06
11/12/2021 7:00	1.37	2.04	114.39	1252.29
11/12/2021 8:00	1.45	2.3	123.83	1317.87

11/12/2021 9:00	1.54	2.47	129.89	1340.8
11/12/2021 10:00	1.56	2.57	131.21	1347.24
11/12/2021 11:00	1.59	2.61	132.81	1347.07
11/12/2021 12:00	1.62	2.74	133.59	1336.99
11/12/2021 13:00	1.53	2.76	131.44	1315.82
11/12/2021 14:00	1.47	2.6	131.93	1315.09
11/12/2021 15:00	1.52	2.47	129.8	1280.97
11/12/2021 16:00	1.65	2.37	123.29	1250.65
11/12/2021 17:00	1.71	2.37	118.14	1233.48
11/12/2021 18:00	1.83	2.24	114.18	1226.37
11/12/2021 19:00	1.76	2.04	109.87	1195.92
11/12/2021 20:00	1.65	1.95	106.47	1168.86
11/12/2021 21:00	1.61	1.84	102.62	1150.29
11/12/2021 22:00	1.42	1.71	97	1105.64
11/12/2021 23:00	1.31	1.6	91.99	1065.74
11/13/2021 0:00	1.19	1.55	87.8	1010.35
11/13/2021 1:00	1.09	1.53	84.72	980.78
11/13/2021 2:00	1.02	1.49	83.47	960.45
11/13/2021 3:00	1.01	1.49	82.96	942.56
11/13/2021 4:00	1.01	1.49	83.02	941.38
11/13/2021 5:00	1.06	1.51	85.12	947.98
11/13/2021 6:00	1.16	1.59	89.24	963.12
11/13/2021 7:00	1.28	1.7	95.81	963.16
11/13/2021 8:00	1.49	1.79	96.76	957.5
11/13/2021 9:00	1.64	1.91	98.04	963.11
11/13/2021 10:00	1.64	1.97	98.06	951.21
11/13/2021 11:00	1.64	2.02	98.62	938.15
11/13/2021 12:00	1.62	2.06	98.58	942.45
11/13/2021 13:00	1.58	1.99	96.62	941.27
11/13/2021 14:00	1.46	1.98	96.15	946.22
11/13/2021 15:00	1.46	1.94	95.79	926.1
11/13/2021 16:00	1.58	1.88	94.85	937.68
11/13/2021 17:00	1.78	1.97	95.84	936.1
11/13/2021 18:00	1.98	1.98	95.32	917.79
11/13/2021 19:00	1.79	1.92	93.43	897.26
11/13/2021 20:00	1.64	1.87	91.8	883.34
11/13/2021 21:00	1.6	1.82	89.6	874.44
11/13/2021 22:00	1.53	1.77	86.11	867.74
11/13/2021 23:00	1.38	1.7	82.98	863.69
11/14/2021 0:00	1.22	1.58	80.76	856.76
11/14/2021 1:00	1.19	1.59	79.46	849.56
11/14/2021 2:00	1.14	1.52	79.06	840.14
11/14/2021 3:00	1.09	1.51	79.02	832.67
11/14/2021 4:00	1.09	1.57	78.99	822.55
11/14/2021 5:00	1.09	1.57	80.13	800.27
11/14/2021 6:00	1.15	1.58	82.65	813.57
11/14/2021 7:00	1.35	1.59	85.41	819.2
11/14/2021 8:00	1.58	1.64	86.18	820.41
11/14/2021 9:00	1.63	1.68	87.41	814.42
11/14/2021 10:00	1.68	1.79	87.83	803.06
11/14/2021 11:00	1.79	1.77	88.92	805.5
11/14/2021 12:00	1.84	1.81	90.21	821.92
11/14/2021 13:00	1.89	1.83	90.47	829.51

11/14/2021 14:00	1.84	1.81	90.84	824.85
11/14/2021 15:00	1.84	1.77	90.78	822.08
11/14/2021 16:00	1.91	1.79	90.82	821.56
11/14/2021 17:00	2.11	1.97	93	827.64
11/14/2021 18:00	2.24	2.02	92.95	828.21
11/14/2021 19:00	2.09	1.97	90.94	823.92
11/14/2021 20:00	1.98	1.85	88.76	821.96
11/14/2021 21:00	1.87	1.73	85.5	817.99
11/14/2021 22:00	1.66	1.68	84.11	828.22
11/14/2021 23:00	1.43	1.62	82.91	838.06
11/15/2021 0:00	1.27	1.56	82.22	864.06
11/15/2021 1:00	1.14	1.57	81.81	890.7
11/15/2021 2:00	1.11	1.54	82.2	893.05
11/15/2021 3:00	1.07	1.54	82.08	900.94
11/15/2021 4:00	1.08	1.58	84.17	925.72
11/15/2021 5:00	1.15	1.67	89.23	981.18
11/15/2021 6:00	1.28	1.81	99.59	1060.66
11/15/2021 7:00	1.57	2.19	115.49	1160.65
11/15/2021 8:00	1.62	2.5	127.28	1239.69
11/15/2021 9:00	1.58	2.67	132.58	1283.57
11/15/2021 10:00	1.52	2.76	134.8	1311.1
11/15/2021 11:00	1.49	2.91	137.07	1348.01
11/15/2021 12:00	1.55	2.9	138.12	1342.72
11/15/2021 13:00	1.57	2.82	136.91	1330.27
11/15/2021 14:00	1.51	2.89	136.74	1354.72
11/15/2021 15:00	1.54	2.71	134.18	1329
11/15/2021 16:00	1.61	2.56	128.39	1307.26
11/15/2021 17:00	1.92	2.5	124.18	1286.97
11/15/2021 18:00	2.09	2.47	119.31	1255.72
11/15/2021 19:00	2.12	2.25	115.24	1234.17
11/15/2021 20:00	1.93	2.08	112.34	1231.67
11/15/2021 21:00	1.87	1.94	109.24	1204.92
11/15/2021 22:00	1.68	1.86	104.2	1184.24
11/15/2021 23:00	1.45	1.77	99.58	1180.73
11/16/2021 0:00	1.35	1.73	96.34	1153
11/16/2021 1:00	1.26	1.69	94.1	1130.3
11/16/2021 2:00	1.21	1.64	93.79	1101.65
11/16/2021 3:00	1.13	1.65	94.15	1080.63
11/16/2021 4:00	1.14	1.68	95.45	1088.78
11/16/2021 5:00	1.21	1.73	100.78	1110.15
11/16/2021 6:00	1.34	1.97	110.79	1205.65
11/16/2021 7:00	1.66	2.23	126.4	1306.3
11/16/2021 8:00	1.69	2.62	135.43	1367.45
11/16/2021 9:00	1.64	2.71	141.68	1376.17
11/16/2021 10:00	1.6	2.77	141.69	1382.76
11/16/2021 11:00	1.54	3.01	142.77	1387.01
11/16/2021 12:00	1.54	3.03	142.84	1368.99
11/16/2021 13:00	1.54	2.81	139.82	1370.91
11/16/2021 14:00	1.43	2.85	141.03	1377.83
11/16/2021 15:00	1.55	2.76	138.29	1345.4
11/16/2021 16:00	1.61	2.58	133.33	1314.95
11/16/2021 17:00	1.85	2.55	127.97	1283.45
11/16/2021 18:00	2.11	2.39	122.72	1266.3

11/16/2021 19:00	2.1	2.23	118.8	1252.99
11/16/2021 20:00	1.97	2.19	115.94	1241.82
11/16/2021 21:00	1.95	2.04	112.69	1226.26
11/16/2021 22:00	1.74	1.91	107.73	1211.19
11/16/2021 23:00	1.56	1.85	104.22	1193.61
11/17/2021 0:00	1.4	1.78	101.33	1181.75
11/17/2021 1:00	1.29	1.78	100.61	1150.35
11/17/2021 2:00	1.28	1.75	99.69	1136.28
11/17/2021 3:00	1.27	1.76	99.66	1120.78
11/17/2021 4:00	1.26	1.78	101.49	1117.99
11/17/2021 5:00	1.36	1.84	106.46	1165.87
11/17/2021 6:00	1.51	1.98	117.06	1229.01
11/17/2021 7:00	1.69	2.31	132.64	1328.61
11/17/2021 8:00	1.77	2.87	142.18	1379.88
11/17/2021 9:00	1.71	2.92	145.53	1378.35
11/17/2021 10:00	1.68	2.89	143.46	1357.8
11/17/2021 11:00	1.59	3.03	144.87	1383.4
11/17/2021 12:00	1.63	3.1	143.11	1381.38
11/17/2021 13:00	1.59	3.04	137.69	1357.78
11/17/2021 14:00	1.53	2.99	136.43	1364.95
11/17/2021 15:00	1.49	2.9	134.37	1342.17
11/17/2021 16:00	1.62	2.81	129.23	1324.5
11/17/2021 17:00	1.98	2.69	123.21	1302.67
11/17/2021 18:00	2.23	2.52	117.4	1281.33
11/17/2021 19:00	2.07	2.28	113.17	1267.93
11/17/2021 20:00	1.96	2.18	109.75	1263.4
11/17/2021 21:00	1.77	2.03	106.3	1250.65
11/17/2021 22:00	1.59	1.9	101.08	1220.81
11/17/2021 23:00	1.4	1.8	96.2	1196.47
11/18/2021 0:00	1.22	1.72	92.55	1181.64
11/18/2021 1:00	1.14	1.68	90.72	1166.32
11/18/2021 2:00	1.1	1.63	89.23	1144.65
11/18/2021 3:00	1.08	1.65	88.43	1118.94
11/18/2021 4:00	1.05	1.68	89.8	1104.35
11/18/2021 5:00	1.12	1.7	94.21	1139.91
11/18/2021 6:00	1.25	1.89	103.98	1214.11
11/18/2021 7:00	1.43	2.22	119.9	1324.2
11/18/2021 8:00	1.51	2.47	129.42	1389.02
11/18/2021 9:00	1.52	2.66	134.6	1404.77
11/18/2021 10:00	1.42	2.77	136.08	1415.29
11/18/2021 11:00	1.37	2.89	137.96	1446.77
11/18/2021 12:00	1.33	2.94	138.38	1434.04
11/18/2021 13:00	1.32	2.86	137.38	1442.7
11/18/2021 14:00	1.29	2.94	139.58	1470.25
11/18/2021 15:00	1.33	2.82	139.07	1441.16
11/18/2021 16:00	1.32	2.61	133.22	1402.28
11/18/2021 17:00	1.56	2.46	126.78	1373.43
11/18/2021 18:00	1.87	2.29	120.75	1346.35
11/18/2021 19:00	1.77	2.2	115.16	1311.48
11/18/2021 20:00	1.68	2.06	111.83	1288.33
11/18/2021 21:00	1.54	1.97	108.33	1265.37
11/18/2021 22:00	1.41	1.82	102.45	1237.48
11/18/2021 23:00	1.29	1.69	96.44	1211.4

11/19/2021 0:00	1.11	1.58	91.6	1167.07
11/19/2021 1:00	0.98	1.57	89.29	1137.9
11/19/2021 2:00	0.97	1.54	87.46	1123.31
11/19/2021 3:00	0.93	1.53	87.03	1116.07
11/19/2021 4:00	0.96	1.57	88.21	1110.01
11/19/2021 5:00	0.99	1.59	92.66	1135.15
11/19/2021 6:00	1.19	1.73	101.95	1199.69
11/19/2021 7:00	1.42	2.04	116.69	1298.17
11/19/2021 8:00	1.43	2.46	126.13	1346.68
11/19/2021 9:00	1.49	2.67	132.59	1339.79
11/19/2021 10:00	1.46	2.61	134	1359.25
11/19/2021 11:00	1.43	2.7	135.95	1344.99
11/19/2021 12:00	1.33	2.76	135.31	1345.28
11/19/2021 13:00	1.45	2.69	132.96	1310.26
11/19/2021 14:00	1.44	2.71	132.7	1310.82
11/19/2021 15:00	1.48	2.62	129.58	1274.7
11/19/2021 16:00	1.51	2.53	123.57	1238.53
11/19/2021 17:00	1.75	2.48	121.43	1224.79
11/19/2021 18:00	1.95	2.35	117.86	1202.57
11/19/2021 19:00	1.88	2.2	114.5	1175.28
11/19/2021 20:00	1.95	2.14	111.94	1160.67
11/19/2021 21:00	1.82	2	109.8	1154.54
11/19/2021 22:00	1.67	1.89	105.43	1121.84
11/19/2021 23:00	1.6	1.78	101.73	1084.26
11/20/2021 0:00	1.41	1.69	98.69	1051.88
11/20/2021 1:00	1.24	1.72	97.39	1010.86
11/20/2021 2:00	1.22	1.67	96.64	988.27
11/20/2021 3:00	1.21	1.64	96.66	978.42
11/20/2021 4:00	1.22	1.68	96.9	973.5
11/20/2021 5:00	1.23	1.7	99.61	991.31
11/20/2021 6:00	1.31	1.73	104.75	1019.27
11/20/2021 7:00	1.48	1.83	110.97	1029.58
11/20/2021 8:00	1.72	1.92	112.11	1037.01
11/20/2021 9:00	1.92	2.05	112.19	1029.64
11/20/2021 10:00	1.88	2.06	109.3	1021.01
11/20/2021 11:00	1.83	2.13	106.87	1013.67
11/20/2021 12:00	1.82	2.11	105.21	1010.81
11/20/2021 13:00	1.74	2.04	100.83	1000.58
11/20/2021 14:00	1.71	2.01	98.7	1001.35
11/20/2021 15:00	1.62	1.95	97.17	997.89
11/20/2021 16:00	1.79	1.93	96.51	995.21
11/20/2021 17:00	2.02	2.05	99.11	990.95
11/20/2021 18:00	2.14	2.09	98.99	983.09
11/20/2021 19:00	2.11	2.11	97.58	965.22
11/20/2021 20:00	2.03	2.05	95.47	959.05
11/20/2021 21:00	1.92	1.92	93.32	950.91
11/20/2021 22:00	1.69	1.82	90.14	946.34
11/20/2021 23:00	1.6	1.74	87.33	936.21
11/21/2021 0:00	1.37	1.69	84.87	936.7
11/21/2021 1:00	1.29	1.64	83.56	926.18
11/21/2021 2:00	1.24	1.61	82.83	919.02
11/21/2021 3:00	1.18	1.59	82.46	906.96
11/21/2021 4:00	1.18	1.64	82.56	905.4

11/21/2021 5:00	1.18	1.62	83.61	912.18
11/21/2021 6:00	1.29	1.65	86.43	928.37
11/21/2021 7:00	1.44	1.67	89.39	915.08
11/21/2021 8:00	1.63	1.73	90.41	907.71
11/21/2021 9:00	1.77	1.74	91.87	899.4
11/21/2021 10:00	1.86	1.8	92.55	900.71
11/21/2021 11:00	2	1.85	92.88	906.09
11/21/2021 12:00	1.92	1.92	93.19	908.75
11/21/2021 13:00	1.84	1.85	91.32	905.14
11/21/2021 14:00	1.75	1.83	91.06	901.48
11/21/2021 15:00	1.83	1.81	91.21	903.87
11/21/2021 16:00	1.89	1.78	91.79	905.08
11/21/2021 17:00	2.12	1.95	93.8	910.77
11/21/2021 18:00	2.24	2.02	93.79	901.35
11/21/2021 19:00	2.05	1.97	91.96	893.7
11/21/2021 20:00	1.94	1.83	89.84	888.69
11/21/2021 21:00	1.81	1.76	86.35	882.93
11/21/2021 22:00	1.62	1.66	84.93	895.05
11/21/2021 23:00	1.41	1.63	83.94	902.25
11/22/2021 0:00	1.31	1.55	83	920.41
11/22/2021 1:00	1.19	1.53	82.57	941.95
11/22/2021 2:00	1.11	1.5	82.57	951.26
11/22/2021 3:00	1.06	1.48	82.94	954.96
11/22/2021 4:00	1.05	1.55	84.63	988.27
11/22/2021 5:00	1.11	1.58	89.46	1022.47
11/22/2021 6:00	1.26	1.79	100.19	1107.92
11/22/2021 7:00	1.47	2.12	115.79	1213.86
11/22/2021 8:00	1.5	2.41	125.94	1294.59
11/22/2021 9:00	1.5	2.75	132.1	1353.39
11/22/2021 10:00	1.5	2.79	135.08	1370.47
11/22/2021 11:00	1.48	2.81	137.21	1379.22
11/22/2021 12:00	1.54	2.89	136.95	1371.93
11/22/2021 13:00	1.46	2.7	135.71	1361.74
11/22/2021 14:00	1.48	2.8	135.9	1374.23
11/22/2021 15:00	1.56	2.75	133.48	1342.49
11/22/2021 16:00	1.57	2.64	129	1299.82
11/22/2021 17:00	1.89	2.52	122.98	1274.01
11/22/2021 18:00	2.05	2.41	117.18	1254.75
11/22/2021 19:00	2.12	2.19	114.25	1214.74
11/22/2021 20:00	2.06	2.09	111.24	1208.71
11/22/2021 21:00	1.9	1.93	109.27	1203.93
11/22/2021 22:00	1.77	1.84	106.96	1180.82
11/22/2021 23:00	1.53	1.76	104.56	1166.75
11/23/2021 0:00	1.36	1.72	103	1154.48
11/23/2021 1:00	1.26	1.72	102.38	1138.82
11/23/2021 2:00	1.24	1.7	101.88	1123.55
11/23/2021 3:00	1.24	1.68	102.6	1107.75
11/23/2021 4:00	1.23	1.7	104.4	1112.2
11/23/2021 5:00	1.32	1.74	109.92	1138.44
11/23/2021 6:00	1.49	1.92	119.91	1222.35
11/23/2021 7:00	1.73	2.29	136.12	1308.51
11/23/2021 8:00	1.79	2.57	145.24	1366.92
11/23/2021 9:00	1.66	2.84	150.57	1369.2

11/23/2021 10:00	1.72	2.95	151.97	1347.16
11/23/2021 11:00	1.7	2.99	151.97	1348.96
11/23/2021 12:00	1.66	3.09	152.07	1335.87
11/23/2021 13:00	1.67	2.95	149.59	1331.29
11/23/2021 14:00	1.63	3.04	150.45	1329.4
11/23/2021 15:00	1.69	3.01	146.78	1300.62
11/23/2021 16:00	1.93	2.75	142.39	1280.19
11/23/2021 17:00	2.22	2.66	138.91	1263.18
11/23/2021 18:00	2.41	2.52	133.95	1254.24
11/23/2021 19:00	2.43	2.36	130.14	1229.69
11/23/2021 20:00	2.26	2.3	128.08	1226.39
11/23/2021 21:00	2.19	2.17	126.09	1210.43
11/23/2021 22:00	2	2.06	121.31	1193.53
11/23/2021 23:00	1.79	1.93	117.21	1180.96
11/24/2021 0:00	1.59	1.88	114.15	1164.22
11/24/2021 1:00	1.51	1.88	112.46	1139.63
11/24/2021 2:00	1.48	1.85	111.47	1112.66
11/24/2021 3:00	1.43	1.84	111.39	1101.97
11/24/2021 4:00	1.41	1.86	112.34	1103.62
11/24/2021 5:00	1.46	1.9	116.26	1127.7
11/24/2021 6:00	1.66	2.07	125.5	1175.98
11/24/2021 7:00	1.8	2.41	138.14	1246.31
11/24/2021 8:00	1.93	2.87	143.99	1290.76
11/24/2021 9:00	1.93	2.88	146.67	1283.51
11/24/2021 10:00	2.01	2.85	144.92	1284.43
11/24/2021 11:00	1.99	2.95	145.03	1279.02
11/24/2021 12:00	2.05	2.96	142.82	1254.17
11/24/2021 13:00	1.95	2.69	138.6	1245.61
11/24/2021 14:00	1.84	2.63	137.74	1250.96
11/24/2021 15:00	1.83	2.58	132.67	1237.13
11/24/2021 16:00	1.84	2.4	126.19	1191.21
11/24/2021 17:00	2.01	2.48	121.23	1149.87
11/24/2021 18:00	2.3	2.37	117.1	1114.33
11/24/2021 19:00	2.21	2.3	113.67	1073.36
11/24/2021 20:00	2.16	2.2	111.08	1061.43
11/24/2021 21:00	2.08	2.01	108.18	1011.29
11/24/2021 22:00	2	1.96	103.91	964.91
11/24/2021 23:00	1.83	1.82	99.61	920.73
11/25/2021 0:00	1.59	1.77	94.76	865.58
11/25/2021 1:00	1.44	1.76	91.6	823.48
11/25/2021 2:00	1.41	1.69	89.37	805.27
11/25/2021 3:00	1.39	1.67	87.47	791.84
11/25/2021 4:00	1.38	1.71	86.12	780.77
11/25/2021 5:00	1.43	1.72	87.43	783.42
11/25/2021 6:00	1.51	1.77	89.76	790.34
11/25/2021 7:00	1.69	1.83	91.35	784.93
11/25/2021 8:00	1.97	1.79	88.84	767.36
11/25/2021 9:00	2.2	1.77	86.94	750.92
11/25/2021 10:00	2.39	1.72	84.14	739.87
11/25/2021 11:00	2.54	1.66	83.61	746.02
11/25/2021 12:00	2.41	1.61	83.67	743.01
11/25/2021 13:00	2.41	1.62	82.83	745.72
11/25/2021 14:00	2.24	1.55	82.64	753.1

11/25/2021 15:00	1.96	1.52	82.24	753.02
11/25/2021 16:00	1.83	1.51	82.2	747.38
11/25/2021 17:00	1.79	1.64	83.72	749.37
11/25/2021 18:00	1.84	1.71	83.65	751.29
11/25/2021 19:00	1.87	1.69	82	740.67
11/25/2021 20:00	1.81	1.69	80.97	734.42
11/25/2021 21:00	1.71	1.63	80.63	724.41
11/25/2021 22:00	1.71	1.61	79.96	721.55
11/25/2021 23:00	1.57	1.6	79.44	714.65
11/26/2021 0:00	1.37	1.57	78.43	715.07
11/26/2021 1:00	1.21	1.55	77.41	717.01
11/26/2021 2:00	1.21	1.51	77.58	713.66
11/26/2021 3:00	1.12	1.51	77.71	718.94
11/26/2021 4:00	1.1	1.55	78.4	718.5
11/26/2021 5:00	1.1	1.6	81.85	727.79
11/26/2021 6:00	1.21	1.69	88.16	761.41
11/26/2021 7:00	1.32	1.8	94.91	793.98
11/26/2021 8:00	1.52	1.83	97.33	806.82
11/26/2021 9:00	1.69	1.95	98.08	814.75
11/26/2021 10:00	1.78	2.03	98.34	819.31
11/26/2021 11:00	1.69	2.11	98.79	813.79
11/26/2021 12:00	1.72	2.14	99.63	806.25
11/26/2021 13:00	1.91	2.11	99.57	807.53
11/26/2021 14:00	1.89	2.11	99.97	806.51
11/26/2021 15:00	1.83	2.12	100.3	809.85
11/26/2021 16:00	1.92	2.16	100.08	812.65
11/26/2021 17:00	2.03	2.24	99.93	813.27
11/26/2021 18:00	2.24	2.16	98.6	806.96
11/26/2021 19:00	2.17	2.08	96.6	794.19
11/26/2021 20:00	2.01	2.07	95.26	787.3
11/26/2021 21:00	2.01	1.96	93.94	788.47
11/26/2021 22:00	1.84	1.85	90.94	779.96
11/26/2021 23:00	1.65	1.77	88.15	784.14
11/27/2021 0:00	1.52	1.73	86.22	783.07
11/27/2021 1:00	1.39	1.68	84	780.05
11/27/2021 2:00	1.33	1.63	84.11	780.46
11/27/2021 3:00	1.24	1.62	84.74	782.93
11/27/2021 4:00	1.28	1.62	86.13	780.38
11/27/2021 5:00	1.29	1.64	88.7	783.64
11/27/2021 6:00	1.4	1.69	92.63	809.37
11/27/2021 7:00	1.49	1.81	98.28	843.98
11/27/2021 8:00	1.77	1.85	100.58	843.05
11/27/2021 9:00	2.01	1.97	103.12	846.34
11/27/2021 10:00	2.13	2.1	104.85	849.13
11/27/2021 11:00	2.08	2.17	105.12	848.24
11/27/2021 12:00	2.14	2.21	105.55	838.2
11/27/2021 13:00	2.16	2.17	106.15	829.02
11/27/2021 14:00	2.01	2.15	105.84	827.21
11/27/2021 15:00	2.02	2.16	106.17	826.8
11/27/2021 16:00	2	2.18	106.45	824.24
11/27/2021 17:00	2.25	2.24	109.75	833.03
11/27/2021 18:00	2.39	2.26	111.11	831.12
11/27/2021 19:00	2.38	2.22	110.92	822.05

11/27/2021 20:00	2.35	2.21	109.74	820.14
11/27/2021 21:00	2.13	2.05	108.52	816.45
11/27/2021 22:00	2	1.93	105.89	816.54
11/27/2021 23:00	1.82	1.85	103.54	816.22
11/28/2021 0:00	1.66	1.78	101.33	810.14
11/28/2021 1:00	1.58	1.81	100.08	805.3
11/28/2021 2:00	1.48	1.73	100.04	804.42
11/28/2021 3:00	1.5	1.74	99.8	800.08
11/28/2021 4:00	1.48	1.76	99.82	800.2
11/28/2021 5:00	1.5	1.76	101.28	804.93
11/28/2021 6:00	1.54	1.81	103.47	824.02
11/28/2021 7:00	1.71	1.84	106.34	834.87
11/28/2021 8:00	2.01	1.87	107	837.17
11/28/2021 9:00	2.14	1.89	107.33	833.97
11/28/2021 10:00	2.19	1.96	106.89	827.56
11/28/2021 11:00	2.22	2	107.02	832.09
11/28/2021 12:00	2.2	2.05	107.64	816.69
11/28/2021 13:00	2.23	1.99	106.92	818.12
11/28/2021 14:00	2.22	1.9	106.7	824.67
11/28/2021 15:00	2.35	1.94	106.8	817.94
11/28/2021 16:00	2.33	1.96	107.17	829.91
11/28/2021 17:00	2.55	2.05	108.83	835.35
11/28/2021 18:00	2.66	2.16	109.11	834.63
11/28/2021 19:00	2.56	2.06	107.98	831.31
11/28/2021 20:00	2.43	2	106.03	843.31
11/28/2021 21:00	2.22	1.89	102.71	847.25
11/28/2021 22:00	1.97	1.83	101.29	863.93
11/28/2021 23:00	1.72	1.74	100.1	890.66
11/29/2021 0:00	1.54	1.75	98.99	907.43
11/29/2021 1:00	1.39	1.72	99.02	930.93
11/29/2021 2:00	1.32	1.66	99.04	946.68
11/29/2021 3:00	1.31	1.64	98.99	955.58
11/29/2021 4:00	1.29	1.67	100.8	984.98
11/29/2021 5:00	1.44	1.73	106.03	1038.19
11/29/2021 6:00	1.6	1.91	116.86	1119.25
11/29/2021 7:00	1.74	2.32	131.69	1227.36
11/29/2021 8:00	1.92	2.67	143.13	1294.88
11/29/2021 9:00	1.85	2.88	147.56	1326.25
11/29/2021 10:00	1.82	2.87	148.46	1329.71
11/29/2021 11:00	1.81	2.9	148.66	1368.42
11/29/2021 12:00	1.69	2.94	148.3	1356.6
11/29/2021 13:00	1.78	2.81	145.61	1350.54
11/29/2021 14:00	1.81	2.86	146.77	1367.23
11/29/2021 15:00	1.85	2.85	145.23	1337.37
11/29/2021 16:00	1.91	2.68	140.44	1305.19
11/29/2021 17:00	2.19	2.61	136.56	1276.02
11/29/2021 18:00	2.45	2.48	132.36	1256.92
11/29/2021 19:00	2.54	2.28	129.68	1233.44
11/29/2021 20:00	2.5	2.16	127.43	1221.5
11/29/2021 21:00	2.45	2.08	125.32	1204.09
11/29/2021 22:00	2.05	1.95	120.89	1184.92
11/29/2021 23:00	1.81	1.86	117.12	1179.8
11/30/2021 0:00	1.62	1.8	114.45	1153.98

11/30/2021 1:00	1.5	1.8	113.08	1121.99
11/30/2021 2:00	1.44	1.78	112.45	1109.81
11/30/2021 3:00	1.43	1.78	111.9	1091.99
11/30/2021 4:00	1.46	1.81	113.05	1103.51
11/30/2021 5:00	1.52	1.86	117.71	1133.59
11/30/2021 6:00	1.71	2.05	126.73	1214.88
11/30/2021 7:00	1.94	2.42	141.29	1320.96
11/30/2021 8:00	2.04	2.76	150.78	1356.79
11/30/2021 9:00	1.94	2.86	154.85	1366.21
11/30/2021 10:00	1.84	2.94	153.35	1359.6
11/30/2021 11:00	1.81	3.04	152.72	1368.68
11/30/2021 12:00	1.81	3.15	151.15	1359.48
11/30/2021 13:00	1.86	3.17	147	1350.78
11/30/2021 14:00	1.9	3.05	146.34	1365.06
11/30/2021 15:00	1.88	3	142.65	1354.16
11/30/2021 16:00	1.87	2.88	136.66	1329.62
11/30/2021 17:00	2.26	2.77	130.53	1311.71
11/30/2021 18:00	2.41	2.57	123.71	1280.76
11/30/2021 19:00	2.39	2.38	119.06	1261.22
11/30/2021 20:00	2.28	2.2	116.63	1243.72
11/30/2021 21:00	2.2	2.09	113.11	1242.35
11/30/2021 22:00	2.01	1.96	107.76	1212.47
11/30/2021 23:00	1.8	1.84	103.65	1198.52
12/1/2021 0:00	1.55	1.79	100.55	1178.09
12/1/2021 1:00	1.37	1.78	98.63	1155.4
12/1/2021 2:00	1.32	1.75	96.68	1132.83
12/1/2021 3:00	1.32	1.73	96	1117.97
12/1/2021 4:00	1.35	1.77	97.14	1113.2
12/1/2021 5:00	1.37	1.79	100.77	1154.71
12/1/2021 6:00	1.59	2.07	109.88	1236.13
12/1/2021 7:00	1.82	2.41	125.55	1312.87
12/1/2021 8:00	1.86	2.77	135.54	1335.08
12/1/2021 9:00	1.74	2.95	139.15	1348.82
12/1/2021 10:00	1.78	2.95	138.35	1345.81
12/1/2021 11:00	1.7	3.03	138.39	1358.2
12/1/2021 12:00	1.64	3.13	138.49	1347.73
12/1/2021 13:00	1.63	3.03	135.83	1341.81
12/1/2021 14:00	1.6	3.07	136.76	1333.68
12/1/2021 15:00	1.62	3.01	134.36	1307.47
12/1/2021 16:00	1.81	2.82	128.73	1276.29
12/1/2021 17:00	2.08	2.73	123.47	1268.85
12/1/2021 18:00	2.4	2.53	118.29	1237.34
12/1/2021 19:00	2.47	2.38	113.79	1206.72
12/1/2021 20:00	2.34	2.24	110.75	1218.51
12/1/2021 21:00	2.15	2.14	108.19	1215.35
12/1/2021 22:00	2	2.04	102.56	1196.56
12/1/2021 23:00	1.69	1.88	98.17	1181.56
12/2/2021 0:00	1.52	1.8	95.35	1160.82
12/2/2021 1:00	1.41	1.78	93.31	1144.07
12/2/2021 2:00	1.37	1.72	92.02	1119.74
12/2/2021 3:00	1.32	1.73	91.24	1098.23
12/2/2021 4:00	1.32	1.76	92.64	1106.19
12/2/2021 5:00	1.33	1.77	97.18	1134.21

12/2/2021 6:00	1.53	1.99	106.07	1202.74
12/2/2021 7:00	1.71	2.32	121.04	1292.17
12/2/2021 8:00	1.73	2.56	132.01	1354.97
12/2/2021 9:00	1.82	2.77	137.47	1368.19
12/2/2021 10:00	1.75	2.9	139.83	1385.3
12/2/2021 11:00	1.79	2.98	141.29	1384.11
12/2/2021 12:00	1.88	3	140.09	1383.37
12/2/2021 13:00	1.73	2.92	137.11	1363.27
12/2/2021 14:00	1.69	2.88	137.18	1375.56
12/2/2021 15:00	1.72	2.78	135.39	1347.41
12/2/2021 16:00	1.85	2.71	130.35	1317.22
12/2/2021 17:00	2.04	2.71	123.95	1285.26
12/2/2021 18:00	2.29	2.48	118.76	1257.23
12/2/2021 19:00	2.28	2.28	114.28	1231.89
12/2/2021 20:00	2.18	2.19	110.66	1216.99
12/2/2021 21:00	2.06	2.04	107.54	1208.71
12/2/2021 22:00	1.87	1.89	101.62	1200.47
12/2/2021 23:00	1.63	1.78	96.44	1184.03
12/3/2021 0:00	1.46	1.71	93.14	1168.65
12/3/2021 1:00	1.31	1.71	91.33	1154.9
12/3/2021 2:00	1.22	1.63	90.98	1128.21
12/3/2021 3:00	1.19	1.63	90.36	1108.53
12/3/2021 4:00	1.2	1.65	90.9	1110.77
12/3/2021 5:00	1.3	1.72	95.06	1130.03
12/3/2021 6:00	1.45	1.99	104.24	1177.47
12/3/2021 7:00	1.65	2.29	119.53	1261.53
12/3/2021 8:00	1.68	2.55	128.59	1299.07
12/3/2021 9:00	1.79	2.77	134.07	1315.39
12/3/2021 10:00	1.85	2.83	135.95	1310.28
12/3/2021 11:00	1.86	3.01	137.46	1331.98
12/3/2021 12:00	1.74	3.02	136.17	1311.95
12/3/2021 13:00	1.75	2.89	134.37	1290.28
12/3/2021 14:00	1.61	2.92	134.53	1293.81
12/3/2021 15:00	1.72	2.8	132.11	1260.05
12/3/2021 16:00	1.74	2.62	127.73	1236
12/3/2021 17:00	2.07	2.65	126.32	1222.17
12/3/2021 18:00	2.41	2.49	124.89	1206.4
12/3/2021 19:00	2.38	2.39	122.55	1169.54
12/3/2021 20:00	2.26	2.32	120.41	1157.98
12/3/2021 21:00	2.29	2.13	118.54	1134.89
12/3/2021 22:00	2.13	1.98	114.51	1105.39
12/3/2021 23:00	1.9	1.89	111.16	1076.22
12/4/2021 0:00	1.69	1.84	108.28	1033.62
12/4/2021 1:00	1.51	1.79	106.72	991.05
12/4/2021 2:00	1.49	1.74	106.09	974.93
12/4/2021 3:00	1.47	1.74	105.74	967.36
12/4/2021 4:00	1.45	1.76	105.96	973.13
12/4/2021 5:00	1.47	1.78	107.54	971.22
12/4/2021 6:00	1.56	1.87	112.33	981.95
12/4/2021 7:00	1.72	2.01	118.89	991.1
12/4/2021 8:00	2.06	2.11	119.32	1004.85
12/4/2021 9:00	2.1	2.25	120.43	996.18
12/4/2021 10:00	2.1	2.29	119.78	979.9

12/4/2021 11:00	2.16	2.33	117.74	968.99
12/4/2021 12:00	2.02	2.26	114.74	960.4
12/4/2021 13:00	2.01	2.26	110.38	958.45
12/4/2021 14:00	2.05	2.17	109.35	965.87
12/4/2021 15:00	1.94	2.15	108.95	955.66
12/4/2021 16:00	2.01	2.14	108.56	951.55
12/4/2021 17:00	2.16	2.29	110.1	959.59
12/4/2021 18:00	2.3	2.27	109.54	945.51
12/4/2021 19:00	2.36	2.24	107.58	929.99
12/4/2021 20:00	2.27	2.15	105.37	924.8
12/4/2021 21:00	2.08	2.04	103.26	918.61
12/4/2021 22:00	1.92	1.91	99.33	920.5
12/4/2021 23:00	1.77	1.82	95.91	916.41
12/5/2021 0:00	1.6	1.76	93.2	910.34
12/5/2021 1:00	1.48	1.75	92.7	898.54
12/5/2021 2:00	1.42	1.68	91.68	892.99
12/5/2021 3:00	1.43	1.68	91.41	887.56
12/5/2021 4:00	1.38	1.7	91.7	885.08
12/5/2021 5:00	1.39	1.69	92.89	890.16
12/5/2021 6:00	1.46	1.74	95.61	907.97
12/5/2021 7:00	1.6	1.85	99.1	909.24
12/5/2021 8:00	1.85	1.84	100.41	910.09
12/5/2021 9:00	2.09	1.88	102.03	900.2
12/5/2021 10:00	2.08	1.94	102.49	891.55
12/5/2021 11:00	2.16	1.98	101.86	890.61
12/5/2021 12:00	2.09	1.98	101.91	883.4
12/5/2021 13:00	2.17	1.95	99.13	875.28
12/5/2021 14:00	2.11	1.92	98.79	877.86
12/5/2021 15:00	2.12	1.9	97.87	878.03
12/5/2021 16:00	2.08	1.92	97.56	879
12/5/2021 17:00	2.46	2.05	98.75	884.53
12/5/2021 18:00	2.72	2.11	98.92	877.78
12/5/2021 19:00	2.62	2.13	97.21	870.26
12/5/2021 20:00	2.46	2.05	95.31	865.55
12/5/2021 21:00	2.33	1.95	91.84	865.12
12/5/2021 22:00	2.12	1.83	90.06	885.16
12/5/2021 23:00	1.88	1.77	88.8	890.18
12/6/2021 0:00	1.59	1.68	88	907.05
12/6/2021 1:00	1.42	1.65	87.3	923.59
12/6/2021 2:00	1.37	1.57	87.19	921.35
12/6/2021 3:00	1.3	1.57	87.15	927.07
12/6/2021 4:00	1.3	1.65	88.7	953.37
12/6/2021 5:00	1.4	1.68	92.53	1004.31
12/6/2021 6:00	1.53	1.86	102.47	1097.41
12/6/2021 7:00	1.75	2.3	117.38	1206.48
12/6/2021 8:00	1.79	2.62	128.62	1274.46
12/6/2021 9:00	1.85	2.87	136.18	1327.72
12/6/2021 10:00	1.78	2.84	137.81	1350.43
12/6/2021 11:00	1.81	2.98	139.28	1360.94
12/6/2021 12:00	1.72	3.01	138.98	1337.27
12/6/2021 13:00	1.84	2.81	136.99	1327.29
12/6/2021 14:00	1.74	2.92	138.42	1359.06
12/6/2021 15:00	1.74	2.85	136.15	1327.11

12/6/2021 16:00	1.78	2.71	131.23	1301.04
12/6/2021 17:00	2.11	2.65	124.92	1282.01
12/6/2021 18:00	2.3	2.32	119.05	1247.43
12/6/2021 19:00	2.29	2.19	114.84	1228.12
12/6/2021 20:00	2.09	2.11	111.53	1226.63
12/6/2021 21:00	1.95	1.99	107.85	1205.69
12/6/2021 22:00	1.8	1.84	102.03	1176.95
12/6/2021 23:00	1.52	1.74	97.92	1143.04
12/7/2021 0:00	1.37	1.69	94.42	1118.66
12/7/2021 1:00	1.27	1.68	91.77	1093.83
12/7/2021 2:00	1.19	1.68	90.66	1079.08
12/7/2021 3:00	1.18	1.65	90.73	1057.31
12/7/2021 4:00	1.21	1.69	91.88	1062.53
12/7/2021 5:00	1.3	1.72	96.62	1096.26
12/7/2021 6:00	1.48	1.92	106.64	1169.68
12/7/2021 7:00	1.66	2.28	122.22	1291.56
12/7/2021 8:00	1.75	2.63	133.01	1330.97
12/7/2021 9:00	1.69	2.85	139.22	1342.91
12/7/2021 10:00	1.63	2.93	139.14	1327.13
12/7/2021 11:00	1.6	3.08	141.58	1357.84
12/7/2021 12:00	1.6	3	145.09	1350.56
12/7/2021 13:00	1.68	2.93	144	1351.01
12/7/2021 14:00	1.64	2.89	146.18	1364.85
12/7/2021 15:00	1.64	2.89	146.4	1345.48
12/7/2021 16:00	1.73	2.75	141.83	1302.87
12/7/2021 17:00	2.08	2.69	135.96	1273.92
12/7/2021 18:00	2.47	2.45	132.02	1247.63
12/7/2021 19:00	2.34	2.29	128.75	1224.21
12/7/2021 20:00	2.28	2.19	125.92	1219.97
12/7/2021 21:00	2.23	2.07	123.04	1209.86
12/7/2021 22:00	2.09	1.96	117.68	1191.7
12/7/2021 23:00	1.77	1.86	114.62	1186.56
12/8/2021 0:00	1.54	1.82	112.08	1165.92
12/8/2021 1:00	1.44	1.79	111.3	1139.54
12/8/2021 2:00	1.42	1.75	110.1	1109.43
12/8/2021 3:00	1.41	1.75	108.81	1092.31
12/8/2021 4:00	1.36	1.8	109.93	1102.26
12/8/2021 5:00	1.49	1.82	114.11	1138.25
12/8/2021 6:00	1.65	2.01	123.49	1212.15
12/8/2021 7:00	1.78	2.4	138.53	1305.51
12/8/2021 8:00	1.94	2.74	149.16	1374.61
12/8/2021 9:00	1.86	2.95	152.24	1372.45
12/8/2021 10:00	1.93	3.03	153.2	1361.39
12/8/2021 11:00	1.95	3.15	156.28	1393.5
12/8/2021 12:00	1.92	3.2	156.11	1371.3
12/8/2021 13:00	2.01	3.05	153.77	1363.79
12/8/2021 14:00	1.92	3.1	154.02	1383.54
12/8/2021 15:00	1.91	3	151.93	1354.78
12/8/2021 16:00	2.05	2.89	146.37	1310.15
12/8/2021 17:00	2.48	2.8	141.05	1282.89
12/8/2021 18:00	2.76	2.53	135.2	1250.36
12/8/2021 19:00	2.62	2.41	131.12	1224.49
12/8/2021 20:00	2.55	2.3	127.15	1217.27

12/8/2021 21:00	2.43	2.12	125.25	1214.46
12/8/2021 22:00	2.14	2.01	120.94	1195.7
12/8/2021 23:00	1.92	1.88	117	1187.56
12/9/2021 0:00	1.62	1.86	114.85	1170.79
12/9/2021 1:00	1.54	1.89	113.11	1141.94
12/9/2021 2:00	1.48	1.81	112.02	1109.99
12/9/2021 3:00	1.45	1.79	111.43	1095.85
12/9/2021 4:00	1.47	1.81	112.67	1103.58
12/9/2021 5:00	1.57	1.82	116.88	1142.58
12/9/2021 6:00	1.69	2.05	126.14	1204.91
12/9/2021 7:00	1.91	2.46	141.54	1288.18
12/9/2021 8:00	1.97	2.72	150.53	1352.81
12/9/2021 9:00	1.97	2.98	154.25	1356.5
12/9/2021 10:00	1.85	3.03	153.36	1346.72
12/9/2021 11:00	1.87	3.11	154.28	1350.82
12/9/2021 12:00	1.87	3.08	154.38	1344.04
12/9/2021 13:00	1.84	3.03	152.33	1339.22
12/9/2021 14:00	1.85	3.11	152.76	1352.6
12/9/2021 15:00	1.88	2.99	150.64	1329.36
12/9/2021 16:00	2.02	2.82	145.99	1292.53
12/9/2021 17:00	2.33	2.78	140.39	1267.27
12/9/2021 18:00	2.59	2.55	134.73	1245.88
12/9/2021 19:00	2.63	2.35	131.29	1225.02
12/9/2021 20:00	2.44	2.25	128.47	1204.54
12/9/2021 21:00	2.33	2.11	125.06	1203.55
12/9/2021 22:00	2.22	1.95	120.28	1196.93
12/9/2021 23:00	1.87	1.86	115.87	1190.67
12/10/2021 0:00	1.68	1.82	112.72	1166.33
12/10/2021 1:00	1.57	1.83	110.49	1141.72
12/10/2021 2:00	1.54	1.8	109.79	1121.67
12/10/2021 3:00	1.56	1.79	109.23	1101.11
12/10/2021 4:00	1.54	1.8	109.55	1092.9
12/10/2021 5:00	1.55	1.85	113.13	1127.92
12/10/2021 6:00	1.72	2.09	121.5	1180.35
12/10/2021 7:00	1.86	2.39	135.73	1268.75
12/10/2021 8:00	2.11	2.77	144.43	1332.39
12/10/2021 9:00	2.1	2.89	147.39	1339.94
12/10/2021 10:00	2	2.91	147.29	1340.6
12/10/2021 11:00	2.01	3.01	146.23	1343.8
12/10/2021 12:00	2.02	3.06	144.72	1328.34
12/10/2021 13:00	1.94	2.95	138.57	1292.63
12/10/2021 14:00	1.8	2.91	134.52	1287.88
12/10/2021 15:00	1.9	2.86	129.21	1256.65
12/10/2021 16:00	1.97	2.67	122.81	1224.6
12/10/2021 17:00	2.22	2.66	119.71	1203.19
12/10/2021 18:00	2.58	2.45	115.79	1178.98
12/10/2021 19:00	2.55	2.34	111.42	1152.69
12/10/2021 20:00	2.4	2.22	108.48	1140.91
12/10/2021 21:00	2.23	2.06	105.59	1124.97
12/10/2021 22:00	2.06	1.94	100.74	1099.02
12/10/2021 23:00	1.85	1.82	97.22	1069.95
12/11/2021 0:00	1.76	1.77	93.51	1044.23
12/11/2021 1:00	1.58	1.76	90.35	1015.41

12/11/2021 2:00	1.51	1.7	88.99	986.54
12/11/2021 3:00	1.46	1.68	88	973.87
12/11/2021 4:00	1.49	1.71	87.85	977.69
12/11/2021 5:00	1.44	1.71	89.99	990.52
12/11/2021 6:00	1.46	1.77	94.27	1018.64
12/11/2021 7:00	1.64	1.89	101.1	1040.62
12/11/2021 8:00	1.91	2.05	104.61	1039.03
12/11/2021 9:00	1.97	2.19	105.71	1041.07
12/11/2021 10:00	2.04	2.2	106.64	1032.31
12/11/2021 11:00	2.2	2.32	107.33	1019.64
12/11/2021 12:00	2.27	2.37	106.52	1012.57
12/11/2021 13:00	2.34	2.34	103.07	1006.62
12/11/2021 14:00	2.29	2.32	101.25	997.42
12/11/2021 15:00	2.18	2.2	100.2	982.43
12/11/2021 16:00	2.21	2.18	99.83	972.38
12/11/2021 17:00	2.41	2.31	100.07	976.28
12/11/2021 18:00	2.44	2.26	99.23	958.18
12/11/2021 19:00	2.32	2.21	97.1	952.99
12/11/2021 20:00	2.19	2.11	95.55	958.93
12/11/2021 21:00	2.09	1.99	93.55	948.86
12/11/2021 22:00	1.94	1.85	90.62	953.13
12/11/2021 23:00	1.6	1.77	88.05	950.2
12/12/2021 0:00	1.4	1.66	85.51	932.36
12/12/2021 1:00	1.31	1.62	82.53	899.32
12/12/2021 2:00	1.24	1.58	81.54	876.26
12/12/2021 3:00	1.21	1.58	80.93	866.16
12/12/2021 4:00	1.21	1.61	81.47	864.77
12/12/2021 5:00	1.25	1.61	83.1	863.59
12/12/2021 6:00	1.32	1.65	85.75	875.75
12/12/2021 7:00	1.45	1.76	89.23	887.37
12/12/2021 8:00	1.61	1.73	90.85	892.26
12/12/2021 9:00	1.75	1.81	92.54	878.64
12/12/2021 10:00	1.88	1.84	92.97	865.8
12/12/2021 11:00	1.96	1.89	93.83	874.3
12/12/2021 12:00	1.93	1.95	94.24	876.02
12/12/2021 13:00	2.04	1.94	93.82	869.11
12/12/2021 14:00	1.96	1.92	94.41	869.11
12/12/2021 15:00	2.07	1.93	93.74	880.79
12/12/2021 16:00	2.11	1.88	94.15	877.42
12/12/2021 17:00	2.39	2.07	95.56	884.62
12/12/2021 18:00	2.43	2.1	95.12	876.38
12/12/2021 19:00	2.42	2.06	94.23	861.08
12/12/2021 20:00	2.37	1.97	92.28	852.66
12/12/2021 21:00	2.28	1.85	89.4	857.76
12/12/2021 22:00	2.04	1.8	87.72	871.38
12/12/2021 23:00	1.8	1.76	86.82	885.29
12/13/2021 0:00	1.61	1.71	86.51	906.17
12/13/2021 1:00	1.45	1.71	86.78	925.37
12/13/2021 2:00	1.45	1.65	86.49	931.02
12/13/2021 3:00	1.41	1.65	86.44	937.57
12/13/2021 4:00	1.39	1.68	88.49	972.39
12/13/2021 5:00	1.42	1.72	92.97	1009.65
12/13/2021 6:00	1.55	1.93	103.36	1083.08

12/13/2021 7:00	1.79	2.26	118.59	1179.09
12/13/2021 8:00	1.82	2.61	129.65	1250.96
12/13/2021 9:00	1.81	2.8	136.02	1292.25
12/13/2021 10:00	1.81	2.76	137.19	1298.22
12/13/2021 11:00	1.74	2.84	135.5	1261.26
12/13/2021 12:00	1.77	2.86	136.05	1287.46
12/13/2021 13:00	1.83	2.83	135.36	1321.36
12/13/2021 14:00	1.7	2.82	135.44	1341.57
12/13/2021 15:00	1.63	2.72	133.31	1323.53
12/13/2021 16:00	1.69	2.57	126.74	1290.96
12/13/2021 17:00	2.08	2.53	121.13	1252.03
12/13/2021 18:00	2.35	2.31	116.19	1233.94
12/13/2021 19:00	2.37	2.14	112.1	1198.89
12/13/2021 20:00	2.31	2	108.88	1185.89
12/13/2021 21:00	2.09	1.92	105.6	1169.89
12/13/2021 22:00	1.91	1.79	100.47	1163.39
12/13/2021 23:00	1.66	1.73	97.41	1161.15
12/14/2021 0:00	1.51	1.69	94.03	1134.53
12/14/2021 1:00	1.34	1.62	91.74	1116.37
12/14/2021 2:00	1.32	1.62	91.03	1098.29
12/14/2021 3:00	1.24	1.61	90.11	1080.27
12/14/2021 4:00	1.28	1.65	91.76	1091.49
12/14/2021 5:00	1.33	1.69	96.41	1121.67
12/14/2021 6:00	1.48	1.94	105.58	1198.74
12/14/2021 7:00	1.69	2.29	120.45	1292.1
12/14/2021 8:00	1.81	2.67	129.94	1352.46
12/14/2021 9:00	1.73	2.84	135.34	1366.51
12/14/2021 10:00	1.68	2.77	136.74	1349.85
12/14/2021 11:00	1.57	2.91	139.22	1368.42
12/14/2021 12:00	1.53	2.94	139.57	1348.38
12/14/2021 13:00	1.61	2.76	136.78	1333.38
12/14/2021 14:00	1.56	2.87	137.69	1352.43
12/14/2021 15:00	1.57	2.81	136.32	1337.97
12/14/2021 16:00	1.71	2.56	131.48	1307.56
12/14/2021 17:00	2.09	2.56	126	1274.61
12/14/2021 18:00	2.42	2.38	121.88	1237.06
12/14/2021 19:00	2.51	2.22	118.94	1199.8
12/14/2021 20:00	2.34	2.12	117	1196.28
12/14/2021 21:00	2.28	2	115.53	1193.44
12/14/2021 22:00	2.09	1.91	111.67	1179.84
12/14/2021 23:00	1.78	1.79	109.37	1167.06
12/15/2021 0:00	1.63	1.74	107.6	1149.67
12/15/2021 1:00	1.51	1.71	106.23	1139.17
12/15/2021 2:00	1.41	1.68	105.74	1117.25
12/15/2021 3:00	1.37	1.7	104.99	1096.69
12/15/2021 4:00	1.4	1.73	106.7	1094.37
12/15/2021 5:00	1.47	1.78	111.16	1127.06
12/15/2021 6:00	1.67	2.03	119.85	1197.91
12/15/2021 7:00	1.77	2.3	135.46	1313.65
12/15/2021 8:00	1.88	2.7	144.63	1354.07
12/15/2021 9:00	1.91	2.89	149.7	1365.12
12/15/2021 10:00	1.89	3.02	149.63	1357.71
12/15/2021 11:00	1.75	3.05	147.11	1378.65

12/15/2021 12:00	1.76	3.04	141.52	1361.63
12/15/2021 13:00	1.73	2.86	135.82	1339.37
12/15/2021 14:00	1.71	2.94	136.17	1356.65
12/15/2021 15:00	1.69	2.88	134.31	1331.29
12/15/2021 16:00	1.97	2.75	129.53	1296.94
12/15/2021 17:00	2.27	2.71	123.61	1271.52
12/15/2021 18:00	2.48	2.47	118.28	1247.27
12/15/2021 19:00	2.58	2.32	113.89	1228.87
12/15/2021 20:00	2.35	2.15	110.59	1222.74
12/15/2021 21:00	2.15	2.04	107.72	1214.21
12/15/2021 22:00	2.03	1.91	102.63	1195.42
12/15/2021 23:00	1.71	1.76	98.04	1187.07
12/16/2021 0:00	1.51	1.68	94.15	1152.23
12/16/2021 1:00	1.39	1.65	91.62	1123.3
12/16/2021 2:00	1.29	1.61	90.66	1104.15
12/16/2021 3:00	1.23	1.59	90.01	1076.25
12/16/2021 4:00	1.25	1.63	91.45	1080.24
12/16/2021 5:00	1.32	1.66	96.03	1123.95
12/16/2021 6:00	1.46	1.89	105.23	1193.87
12/16/2021 7:00	1.64	2.21	120.21	1275.24
12/16/2021 8:00	1.71	2.55	129.79	1347.27
12/16/2021 9:00	1.75	2.73	135.65	1359.08
12/16/2021 10:00	1.71	2.74	136.98	1353.15
12/16/2021 11:00	1.7	2.88	138.63	1376.36
12/16/2021 12:00	1.83	2.83	138.1	1369.54
12/16/2021 13:00	1.75	2.74	135.28	1351.85
12/16/2021 14:00	1.76	2.78	135.69	1370.66
12/16/2021 15:00	1.74	2.68	133.34	1352.28
12/16/2021 16:00	1.78	2.56	128.17	1293.47
12/16/2021 17:00	2.05	2.52	122.27	1277.14
12/16/2021 18:00	2.32	2.33	117.37	1249.35
12/16/2021 19:00	2.34	2.17	113.16	1226.47
12/16/2021 20:00	2.15	2.03	110.4	1216.27
12/16/2021 21:00	2.05	1.92	107.02	1201.47
12/16/2021 22:00	1.88	1.82	101.58	1191.3
12/16/2021 23:00	1.69	1.68	96.99	1188.52
12/17/2021 0:00	1.42	1.62	93.41	1169.68
12/17/2021 1:00	1.24	1.6	91.7	1155.14
12/17/2021 2:00	1.13	1.52	90.27	1118.16
12/17/2021 3:00	1.12	1.51	88.69	1086.49
12/17/2021 4:00	1.1	1.54	89.9	1097.69
12/17/2021 5:00	1.13	1.56	94.16	1137.39
12/17/2021 6:00	1.34	1.76	102.95	1192.99
12/17/2021 7:00	1.59	2.1	116.98	1267.26
12/17/2021 8:00	1.63	2.35	125.44	1297.1
12/17/2021 9:00	1.62	2.49	130.42	1310.69
12/17/2021 10:00	1.59	2.62	131.28	1292.02
12/17/2021 11:00	1.54	2.67	132.46	1307.21
12/17/2021 12:00	1.58	2.7	132.41	1303.64
12/17/2021 13:00	1.57	2.66	129.09	1267.86
12/17/2021 14:00	1.47	2.73	128.02	1270.95
12/17/2021 15:00	1.46	2.64	124.84	1247.71
12/17/2021 16:00	1.55	2.46	119.62	1221.33

12/17/2021 17:00	1.86	2.43	116.29	1211.01
12/17/2021 18:00	2.14	2.27	111.76	1187.28
12/17/2021 19:00	2.13	2.15	108.15	1156.85
12/17/2021 20:00	2.08	2.05	105.13	1149.34
12/17/2021 21:00	2.04	1.92	101.98	1122.54
12/17/2021 22:00	1.88	1.82	97.38	1092.06
12/17/2021 23:00	1.71	1.72	93.62	1058.59
12/18/2021 0:00	1.52	1.6	89.73	1015.87
12/18/2021 1:00	1.4	1.6	86.87	983.32
12/18/2021 2:00	1.32	1.56	86.2	965.99
12/18/2021 3:00	1.31	1.58	86.16	954.36
12/18/2021 4:00	1.26	1.58	86.82	950.56
12/18/2021 5:00	1.28	1.61	88.14	960.69
12/18/2021 6:00	1.39	1.72	93.53	978.76
12/18/2021 7:00	1.54	1.81	99.75	1003.91
12/18/2021 8:00	1.74	1.95	103.99	1011.4
12/18/2021 9:00	1.97	2.07	106.51	1003.76
12/18/2021 10:00	1.96	2.12	107.88	998.73
12/18/2021 11:00	1.95	2.18	109.48	993.34
12/18/2021 12:00	2.09	2.29	109.62	991.4
12/18/2021 13:00	2.15	2.22	107.78	983.74
12/18/2021 14:00	2.17	2.23	106.72	985.78
12/18/2021 15:00	2.28	2.22	105.8	984.48
12/18/2021 16:00	2.34	2.14	105.26	982.82
12/18/2021 17:00	2.64	2.26	105.5	983.87
12/18/2021 18:00	2.81	2.16	104.34	970.73
12/18/2021 19:00	2.61	2.16	103.34	950.22
12/18/2021 20:00	2.45	2.07	101.31	923.89
12/18/2021 21:00	2.37	1.93	99.59	916.12
12/18/2021 22:00	2.15	1.86	96.58	914.49
12/18/2021 23:00	1.93	1.76	93.76	907.06
12/19/2021 0:00	1.72	1.69	91.08	904.01
12/19/2021 1:00	1.54	1.69	89.94	892.43
12/19/2021 2:00	1.46	1.64	89.51	886.55
12/19/2021 3:00	1.44	1.61	88.67	878.6
12/19/2021 4:00	1.4	1.64	89.24	880.47
12/19/2021 5:00	1.44	1.66	90.96	889.97
12/19/2021 6:00	1.46	1.72	93.29	904.75
12/19/2021 7:00	1.64	1.79	96.65	907.44
12/19/2021 8:00	1.85	1.76	98.64	901.3
12/19/2021 9:00	2.05	1.78	100.66	905.97
12/19/2021 10:00	2.13	1.88	102.65	912.85
12/19/2021 11:00	2.14	1.92	105.56	911.45
12/19/2021 12:00	2.25	2.01	107.24	907.88
12/19/2021 13:00	2.22	2.01	108.04	898.42
12/19/2021 14:00	2.38	1.98	109.86	901.05
12/19/2021 15:00	2.27	2.01	109.56	907.92
12/19/2021 16:00	2.24	1.98	109.97	906.31
12/19/2021 17:00	2.58	2.14	111.55	913.56
12/19/2021 18:00	2.87	2.18	112.99	910.42
12/19/2021 19:00	2.78	2.2	112.92	906.68
12/19/2021 20:00	2.63	2.1	112.11	915.99
12/19/2021 21:00	2.53	1.96	109.63	917.75

12/19/2021 22:00	2.32	1.9	108.41	928.75
12/19/2021 23:00	2.09	1.82	107.58	942.55
12/20/2021 0:00	1.87	1.79	105.38	953.09
12/20/2021 1:00	1.73	1.76	104.93	971.54
12/20/2021 2:00	1.61	1.77	105.54	975.35
12/20/2021 3:00	1.66	1.75	105.92	976.22
12/20/2021 4:00	1.68	1.82	107.94	1004.75
12/20/2021 5:00	1.74	1.9	113.43	1052.79
12/20/2021 6:00	1.88	2.07	123.43	1135.84
12/20/2021 7:00	2.14	2.49	138.32	1222.33
12/20/2021 8:00	2.29	2.84	148.12	1277.18
12/20/2021 9:00	2.25	2.98	154.7	1297.61
12/20/2021 10:00	2.26	3	156.85	1300.59
12/20/2021 11:00	2.21	3.09	157.97	1320.77
12/20/2021 12:00	2.06	3.09	156.47	1312.73
12/20/2021 13:00	2.01	3.01	153	1294.16
12/20/2021 14:00	1.88	3.06	153.44	1318.89
12/20/2021 15:00	1.96	2.92	151.5	1280.21
12/20/2021 16:00	2.14	2.76	146.03	1247.87
12/20/2021 17:00	2.52	2.75	141.43	1212.76
12/20/2021 18:00	2.77	2.54	136.9	1195.96
12/20/2021 19:00	2.74	2.33	133.02	1182.66
12/20/2021 20:00	2.64	2.29	129.42	1167.11
12/20/2021 21:00	2.57	2.16	126.6	1150.61
12/20/2021 22:00	2.42	1.97	122.02	1144.4
12/20/2021 23:00	2.12	1.85	118.45	1136.4
12/21/2021 0:00	1.86	1.79	115.02	1117.31
12/21/2021 1:00	1.71	1.8	112.52	1096.98
12/21/2021 2:00	1.63	1.76	111.17	1081.1
12/21/2021 3:00	1.62	1.75	110.09	1057.14
12/21/2021 4:00	1.64	1.83	110.91	1056.13
12/21/2021 5:00	1.65	1.84	115.38	1083.88
12/21/2021 6:00	1.79	2.02	124.25	1163.97
12/21/2021 7:00	1.99	2.41	137.33	1256.97
12/21/2021 8:00	2.17	2.74	145.71	1306.39
12/21/2021 9:00	2.09	2.84	148.74	1311.98
12/21/2021 10:00	1.98	2.93	145.75	1295.78
12/21/2021 11:00	1.98	3.02	143.6	1295.23
12/21/2021 12:00	1.9	3.08	142.17	1303.78
12/21/2021 13:00	1.81	2.86	139.57	1282.71
12/21/2021 14:00	1.75	2.93	140.45	1301.42
12/21/2021 15:00	1.8	2.86	138.57	1279.18
12/21/2021 16:00	1.93	2.63	133.33	1258.08
12/21/2021 17:00	2.3	2.58	127.31	1224.63
12/21/2021 18:00	2.63	2.37	122.54	1202.78
12/21/2021 19:00	2.68	2.23	119.47	1169.57
12/21/2021 20:00	2.55	2.15	117.13	1155.45
12/21/2021 21:00	2.47	2.03	115.41	1138.25
12/21/2021 22:00	2.29	1.9	111.74	1132.65
12/21/2021 23:00	1.94	1.83	108.9	1112.8
12/22/2021 0:00	1.73	1.79	106.52	1092.44
12/22/2021 1:00	1.62	1.74	104.3	1082.12
12/22/2021 2:00	1.58	1.71	101.59	1062.14

12/22/2021 3:00	1.55	1.7	99.31	1042.24
12/22/2021 4:00	1.51	1.77	98.11	1040.28
12/22/2021 5:00	1.56	1.86	100.88	1066.95
12/22/2021 6:00	1.66	1.99	108.4	1133.36
12/22/2021 7:00	1.84	2.3	121	1213.83
12/22/2021 8:00	1.93	2.63	129.5	1272.5
12/22/2021 9:00	2.04	2.73	133.82	1283.04
12/22/2021 10:00	2.1	2.81	135.53	1296.32
12/22/2021 11:00	2.13	2.91	137.67	1302.61
12/22/2021 12:00	2.03	2.97	137.22	1285.15
12/22/2021 13:00	2.05	2.89	134.57	1245.73
12/22/2021 14:00	1.98	2.95	134.41	1254.23
12/22/2021 15:00	1.84	2.84	131.05	1228.57
12/22/2021 16:00	2.03	2.69	126.82	1197.67
12/22/2021 17:00	2.19	2.65	121.84	1172.06
12/22/2021 18:00	2.53	2.54	118.22	1148.31
12/22/2021 19:00	2.46	2.34	115.35	1121.65
12/22/2021 20:00	2.38	2.23	113.95	1120.29
12/22/2021 21:00	2.31	2.1	113.37	1101.96
12/22/2021 22:00	2.13	1.98	110.32	1084.54
12/22/2021 23:00	1.94	1.86	108.48	1057.92
12/23/2021 0:00	1.75	1.84	106.37	1021.25
12/23/2021 1:00	1.59	1.78	105.05	1004.68
12/23/2021 2:00	1.56	1.76	105.35	1002.27
12/23/2021 3:00	1.51	1.77	106.06	980.24
12/23/2021 4:00	1.53	1.84	107.84	975.93
12/23/2021 5:00	1.55	1.92	111.92	988.86
12/23/2021 6:00	1.7	2.03	119.59	1029.63
12/23/2021 7:00	1.94	2.28	131.18	1111.13
12/23/2021 8:00	2.1	2.61	138.45	1154.76
12/23/2021 9:00	2.2	2.81	142.44	1159.46
12/23/2021 10:00	2.14	2.9	143.12	1134.01
12/23/2021 11:00	2.15	2.98	144.3	1129.91
12/23/2021 12:00	2.15	2.9	141.57	1129.23
12/23/2021 13:00	2.08	2.71	137.54	1103.47
12/23/2021 14:00	2.07	2.65	136.56	1113.6
12/23/2021 15:00	2.23	2.6	134.84	1100.73
12/23/2021 16:00	2.33	2.53	131.03	1060.89
12/23/2021 17:00	2.55	2.58	129.08	1037.53
12/23/2021 18:00	2.74	2.49	126.75	1014.29
12/23/2021 19:00	2.71	2.26	125	996.56
12/23/2021 20:00	2.67	2.23	123.05	983.05
12/23/2021 21:00	2.62	2.13	119.96	966.83
12/23/2021 22:00	2.43	2.09	115.32	944.68
12/23/2021 23:00	2.26	1.99	111.24	915.52
12/24/2021 0:00	2.09	1.91	108.14	881.8
12/24/2021 1:00	1.88	1.91	105.96	869.77
12/24/2021 2:00	1.78	1.84	104.22	862.12
12/24/2021 3:00	1.72	1.86	103.58	847.65
12/24/2021 4:00	1.7	1.9	103.82	841.31
12/24/2021 5:00	1.75	1.92	106.09	842.34
12/24/2021 6:00	1.86	2.01	109.67	836.72
12/24/2021 7:00	2	2.14	114.51	828.35

12/24/2021 8:00	2.33	2.2	116.05	818.87
12/24/2021 9:00	2.49	2.25	115.67	808.7
12/24/2021 10:00	2.69	2.38	116.03	806.84
12/24/2021 11:00	2.63	2.32	115.8	797.17
12/24/2021 12:00	2.6	2.25	114.85	785.97
12/24/2021 13:00	2.58	2.25	112.95	790.17
12/24/2021 14:00	2.71	2.25	111.89	787.61
12/24/2021 15:00	2.66	2.18	109.92	766.55
12/24/2021 16:00	2.65	2.1	106.84	764.57
12/24/2021 17:00	2.79	2.2	105.4	765.71
12/24/2021 18:00	2.78	2.18	102.61	759.45
12/24/2021 19:00	2.68	2.12	97.55	753.44
12/24/2021 20:00	2.55	2.02	94.86	747.77
12/24/2021 21:00	2.52	1.92	93.27	743.69
12/24/2021 22:00	2.32	1.83	91.86	736.89
12/24/2021 23:00	2.16	1.76	90.67	726.38
12/25/2021 0:00	1.98	1.76	89.7	725.61
12/25/2021 1:00	1.78	1.73	88.71	716.73
12/25/2021 2:00	1.69	1.69	88.49	716.3
12/25/2021 3:00	1.67	1.69	88.27	701.99
12/25/2021 4:00	1.64	1.68	87.84	702.5
12/25/2021 5:00	1.62	1.69	87.18	704.91
12/25/2021 6:00	1.72	1.77	87.24	718.67
12/25/2021 7:00	1.89	1.75	87.89	726.66
12/25/2021 8:00	2.1	1.77	87.47	722.49
12/25/2021 9:00	2.4	1.71	85.96	713.72
12/25/2021 10:00	2.47	1.68	85.75	712.53
12/25/2021 11:00	2.58	1.65	85.28	712.76
12/25/2021 12:00	2.73	1.7	85.34	713.17
12/25/2021 13:00	2.72	1.71	84.59	712.85
12/25/2021 14:00	2.79	1.69	84.22	716.49
12/25/2021 15:00	2.55	1.65	83.66	714.55
12/25/2021 16:00	2.5	1.72	83.91	713.45
12/25/2021 17:00	2.6	1.77	84.84	716.29
12/25/2021 18:00	2.62	1.77	84.68	715.84
12/25/2021 19:00	2.57	1.76	84.39	715.69
12/25/2021 20:00	2.39	1.77	84	715.66
12/25/2021 21:00	2.3	1.74	83.24	714.31
12/25/2021 22:00	2.23	1.72	82.77	710.36
12/25/2021 23:00	1.97	1.69	82.04	706.23
12/26/2021 0:00	1.74	1.65	81.28	709.92
12/26/2021 1:00	1.58	1.65	80.98	715.24
12/26/2021 2:00	1.47	1.6	80.89	714.27
12/26/2021 3:00	1.44	1.59	80.82	716.39
12/26/2021 4:00	1.44	1.63	80.55	717.36
12/26/2021 5:00	1.44	1.65	80.7	718.31
12/26/2021 6:00	1.5	1.68	82.89	740.31
12/26/2021 7:00	1.65	1.73	86.6	763.84
12/26/2021 8:00	1.78	1.74	88.6	772.15
12/26/2021 9:00	1.99	1.69	91.08	779.09
12/26/2021 10:00	2.16	1.76	92.43	770.25
12/26/2021 11:00	2.23	1.89	93.41	761.61
12/26/2021 12:00	2.37	1.92	95.12	774.97

12/26/2021 13:00	2.35	1.89	95.18	777.71
12/26/2021 14:00	2.3	1.91	95.44	777.81
12/26/2021 15:00	2.26	1.98	95.47	769.88
12/26/2021 16:00	2.35	1.98	95.41	771.38
12/26/2021 17:00	2.52	2.07	96.87	779.14
12/26/2021 18:00	2.57	2.11	96.61	782.39
12/26/2021 19:00	2.54	2.14	95.88	778.53
12/26/2021 20:00	2.43	2.04	94.49	774.99
12/26/2021 21:00	2.24	1.93	92.53	779.98
12/26/2021 22:00	2.08	1.87	90.91	796.64
12/26/2021 23:00	1.92	1.8	90.25	803.14
12/27/2021 0:00	1.65	1.74	89.94	814.98
12/27/2021 1:00	1.53	1.74	90.03	831.9
12/27/2021 2:00	1.46	1.68	89.69	839.07
12/27/2021 3:00	1.47	1.69	89.43	835.75
12/27/2021 4:00	1.47	1.77	91.1	856.41
12/27/2021 5:00	1.54	1.78	96.7	913.62
12/27/2021 6:00	1.65	1.93	105.96	980.28
12/27/2021 7:00	1.77	2.23	116.95	1071.29
12/27/2021 8:00	1.89	2.56	123.65	1111.05
12/27/2021 9:00	1.92	2.63	127.77	1129.51
12/27/2021 10:00	2.09	2.63	129.95	1116.38
12/27/2021 11:00	2.1	2.65	131.99	1139.59
12/27/2021 12:00	2.3	2.68	132.55	1138.92
12/27/2021 13:00	2.21	2.66	131.1	1136.8
12/27/2021 14:00	2.22	2.6	132.52	1145.66
12/27/2021 15:00	2.19	2.54	129.99	1121.04
12/27/2021 16:00	2.26	2.49	127.03	1104.29
12/27/2021 17:00	2.46	2.56	124.93	1086.75
12/27/2021 18:00	2.68	2.47	121.82	1064.45
12/27/2021 19:00	2.72	2.33	118.84	1046.2
12/27/2021 20:00	2.61	2.15	115.58	1034.33
12/27/2021 21:00	2.48	2.03	112.62	1030.96
12/27/2021 22:00	2.24	1.93	107.82	1027.82
12/27/2021 23:00	2	1.86	104.88	1023.39
12/28/2021 0:00	1.7	1.8	103.18	1006.07
12/28/2021 1:00	1.55	1.77	101.7	990.35
12/28/2021 2:00	1.49	1.72	100.07	979.09
12/28/2021 3:00	1.45	1.7	98.73	963.63
12/28/2021 4:00	1.5	1.73	98.99	976.48
12/28/2021 5:00	1.54	1.74	102.72	1012.97
12/28/2021 6:00	1.65	1.9	110.02	1083.71
12/28/2021 7:00	1.79	2.18	121.55	1158.64
12/28/2021 8:00	1.87	2.47	127.31	1200.59
12/28/2021 9:00	1.95	2.51	129.41	1205.28
12/28/2021 10:00	2.01	2.66	130.29	1201.56
12/28/2021 11:00	2.02	2.75	128.63	1190.57
12/28/2021 12:00	2.05	2.7	127.8	1162.81
12/28/2021 13:00	2.04	2.72	125.71	1157.16
12/28/2021 14:00	1.95	2.65	127.24	1160.17
12/28/2021 15:00	1.95	2.61	125.49	1153.43
12/28/2021 16:00	2.02	2.49	121.95	1135.5
12/28/2021 17:00	2.34	2.53	117.88	1117.24

12/28/2021 18:00	2.61	2.35	114.06	1098.21
12/28/2021 19:00	2.62	2.27	109.88	1073.87
12/28/2021 20:00	2.37	2.13	106.24	1057.74
12/28/2021 21:00	2.3	2.03	102.23	1051.52
12/28/2021 22:00	2.04	1.89	97.18	1043.26
12/28/2021 23:00	1.85	1.8	93.96	1037.04
12/29/2021 0:00	1.66	1.73	91.75	1020.65
12/29/2021 1:00	1.48	1.69	90.28	997.48
12/29/2021 2:00	1.38	1.64	88.94	975.88
12/29/2021 3:00	1.42	1.63	88.45	966.74
12/29/2021 4:00	1.41	1.68	89.46	971.73
12/29/2021 5:00	1.43	1.74	93.22	1004.31
12/29/2021 6:00	1.55	1.86	101.3	1086.5
12/29/2021 7:00	1.69	2.2	112.77	1148.34
12/29/2021 8:00	1.85	2.46	119.15	1189.32
12/29/2021 9:00	1.96	2.49	122.84	1193.98
12/29/2021 10:00	2.02	2.63	124.83	1182.01
12/29/2021 11:00	1.93	2.61	125.89	1191.14
12/29/2021 12:00	1.93	2.7	125.87	1188.74
12/29/2021 13:00	1.95	2.66	123.99	1172.43
12/29/2021 14:00	1.85	2.6	124.93	1181.75
12/29/2021 15:00	1.93	2.59	123.49	1170.86
12/29/2021 16:00	2.07	2.55	119.93	1144.61
12/29/2021 17:00	2.33	2.5	116.72	1121.01
12/29/2021 18:00	2.45	2.42	112.49	1105.31
12/29/2021 19:00	2.42	2.31	108.71	1084.38
12/29/2021 20:00	2.3	2.13	104.88	1079.79
12/29/2021 21:00	2.13	2.05	101.71	1066.69
12/29/2021 22:00	1.98	1.92	96.4	1058.04
12/29/2021 23:00	1.82	1.85	92.9	1037.61
12/30/2021 0:00	1.59	1.75	90.54	1022.51
12/30/2021 1:00	1.45	1.71	89.16	993.55
12/30/2021 2:00	1.39	1.68	88.28	979.03
12/30/2021 3:00	1.31	1.67	87.7	964.91
12/30/2021 4:00	1.31	1.66	88.4	967.31
12/30/2021 5:00	1.39	1.68	91.94	997.21
12/30/2021 6:00	1.41	1.85	99.65	1067.88
12/30/2021 7:00	1.6	2.12	110.01	1140.06
12/30/2021 8:00	1.79	2.4	116.75	1160.3
12/30/2021 9:00	1.91	2.46	120.49	1167.97
12/30/2021 10:00	1.97	2.49	121.94	1160.8
12/30/2021 11:00	1.86	2.63	123.49	1168.09
12/30/2021 12:00	1.98	2.66	122.77	1149.92
12/30/2021 13:00	1.87	2.57	120.53	1133.47
12/30/2021 14:00	1.94	2.57	120.69	1141.16
12/30/2021 15:00	1.97	2.5	118.75	1122.64
12/30/2021 16:00	1.91	2.39	114.96	1106.99
12/30/2021 17:00	2.11	2.4	111.83	1100.11
12/30/2021 18:00	2.39	2.31	108.5	1068.4
12/30/2021 19:00	2.4	2.21	105.47	1045.43
12/30/2021 20:00	2.28	2.14	101.96	1016.96
12/30/2021 21:00	2.19	2	98.33	1007.63
12/30/2021 22:00	2	1.86	92.97	986.94

12/30/2021 23:00	1.79	1.75	89.34	957.27
12/31/2021 0:00	1.59	1.68	86.42	931.06
12/31/2021 1:00	1.44	1.68	84.38	904.62
12/31/2021 2:00	1.36	1.6	83.88	903.27
12/31/2021 3:00	1.39	1.6	83.41	891.25
12/31/2021 4:00	1.31	1.64	83.57	889.9
12/31/2021 5:00	1.35	1.64	85.99	896.74
12/31/2021 6:00	1.4	1.76	90.9	911.83
12/31/2021 7:00	1.52	1.92	97.47	933.2
12/31/2021 8:00	1.67	2.07	100.17	930.9
12/31/2021 9:00	1.83	2.08	101.74	926.57
12/31/2021 10:00	1.91	2.07	102.74	914.07
12/31/2021 11:00	1.97	2.22	103.42	909.46
12/31/2021 12:00	2	2.26	103.24	899.63
12/31/2021 13:00	2.01	2.14	101.71	875.02
12/31/2021 14:00	1.94	2.11	101.98	854.59
12/31/2021 15:00	1.9	2.13	101.22	836.92
12/31/2021 16:00	2.06	2.21	100.42	811.92
12/31/2021 17:00	2.29	2.24	99.41	797.53
12/31/2021 18:00	2.46	2.18	97.61	788.93
12/31/2021 19:00	2.35	2.15	92.26	771.47
12/31/2021 20:00	2.16	2.13	88.33	758.43
12/31/2021 21:00	2.08	2.02	86.73	753.08
12/31/2021 22:00	1.83	1.86	84.33	746.23
12/31/2021 23:00	1.69	1.75	81.91	739.35
1/1/2022 0:00	1.58	1.69	79.92	736.58