

DEERFIELD WIND – FALL 2018 SOUND MONITORING COMPLIANCE REPORT



Noise Technical Report

CROSS-SPECTRUM ACOUSTICS INC.

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DEERFIELD WIND FALL 2018 SOUND MONITORING COMPLIANCE REPORT

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1. EXECUTIVE SUMMARY

Cross-Spectrum Acoustics (CSA) was retained by the Vermont Department of Public Service (the Department) to provide sound monitoring expert services for the Deerfield Wind Project (the Project) located in Searsburg and Readsboro, Vermont. The Project's Certificate of Public Good (CPG) contains conditions limiting sound emissions from the Project, and requiring submission of a sound monitoring plan to be implemented during the first full year of operation. Sound monitoring is to take place under the direction of the Department and must be conducted in accordance with the "Final Sound Monitoring Protocol for Deerfield Wind"¹ (the Protocol). Pursuant to the Protocol, monitoring is required to consist of two continuous periods, each of two to five weeks duration, with one during the fall and one during the spring. The purpose of the monitoring program is to determine whether the Project is operating in compliance with the sound monitoring standards set forth in its CPG.

CSA completed the fall 2018 monitoring program over a period of five weeks from October 22 until November 26, with measurements conducted at three sites, designated as Sites A, B, and C, located near residential areas. Approximately 500 hours of data were collected each at Site A and Site B; over 800 hours of data were collected at Site C. At Sites A and B, the minimum requirement of two hours of valid "turbine-on" data was substantially exceeded during 24 days of measurements. At Site C, however, despite conducting monitoring for the maximum duration of five weeks, only 48 minutes of valid "turbine-on data" were obtained, primarily because of the influence of the unrelated Searsburg Wind Energy Facility on background sound levels.

Following methodology provided in the Protocol, CSA analyzed the measurement data with respect to the CPG's standards for prominent discrete tones, A-weighted exterior sound levels, and A-weighted interior sound levels. Although the Protocol's minimum requirements for data collection were not fully satisfied at Site C, additional analysis of the measurement data provided a high level of confidence in the monitoring program's findings, and CSA recommends that the results for Site C be accepted as meeting the Protocol's requirements. The conclusions for each standard are as follows:

- *Prominent Discrete Tones:* The entire monitoring period at each measurement site was evaluated for prominent discrete tones. No occurrences of prominent discrete tones associated with the Project were identified during the fall 2018 monitoring period.
- *A-weighted Exterior Sound Levels:* Using the methodology provided in the Protocol, exterior "turbine-only" sound levels were calculated from measured "turbine-on" and "turbine-off" sound levels. For the fall 2018 monitoring period, computed "turbine-only" sound levels at all measurement sites complied with the CPG's exterior sound level limit.
- *A-weighted Interior Sound Levels:* Interior "turbine-only" sound levels were calculated from measurements of exterior "turbine-on" and "turbine-off" sound levels and the assumption of a fixed Outdoor-to-Indoor Noise Reduction (OINR) of 15 dB to the A-weighted exterior sound level. For the fall 2018 monitoring period, the computed "turbine-only" sound levels at all measurement sites complied with the CPG's interior sound level limit.

In summary, based on the measurements and analysis conducted in accordance with the Protocol and described in this report, we conclude that the Deerfield Wind Project complies with all aspects of the CPG's sound level limits for the fall 2018 monitoring program. The spring 2019 monitoring program is planned to commence during April 2019, as conditions permit.

Note regarding the October 11, 2019 revision: The changes to this revised report were limited to only the conversion of times provided in Appendix E from the Pacific time zone to the Eastern time zone.

¹"Final Sound Monitoring Protocol for Deerfield Wind," prepared for: Deerfield Wind, LLC, prepared by: RSG, January 16, 2018.

2. INTRODUCTION

This section provides an introduction to the monitoring compliance report and includes the Project's background, a brief introduction to the fundamentals of sound and noise descriptors, and a discussion of the Project's noise standards.

2.1. PROJECT BACKGROUND

CSA was retained by the Department to provide sound monitoring expert services for the Deerfield Wind Project located in Searsburg and Readsboro, Vermont. The Project was approved by the Vermont Public Utility Commission (PUC, formerly the Public Service Board) in Docket 7250 on April 16, 2009 and commenced operations late in 2017. The CPG, issued April 16, 2009 and amended July 17, 2009, contains conditions limiting sound emissions from the Project, and requiring submission of a sound monitoring plan to be implemented during the first full year of operation. Sound monitoring is to take place under the direction of the Department and must be conducted in accordance with the Protocol approved by the PUC in Docket 7250 in January 2018. (The Protocol is attached to this report as Appendix A.)

The Protocol requires monitoring to consist of two continuous periods, each of two to five weeks duration, with one during the fall and one during the spring. This report describes the methodology and findings of the fall 2018 monitoring period. The remainder of the report provides a brief introduction to understanding environmental noise, describes the applicable Project noise standards as set forth in the CPG, describes the methodology used in the sound monitoring and data analysis, provides the results of the first period of sound monitoring, and provides conclusions based on the monitoring results.

2.2. NOISE FUNDAMENTALS

Sound is defined as vibrations that travel through the air or another medium and can be heard when they reach a person's or animal's ear. Noise often is defined as unwanted sound. All sounds may be characterized by three parameters:

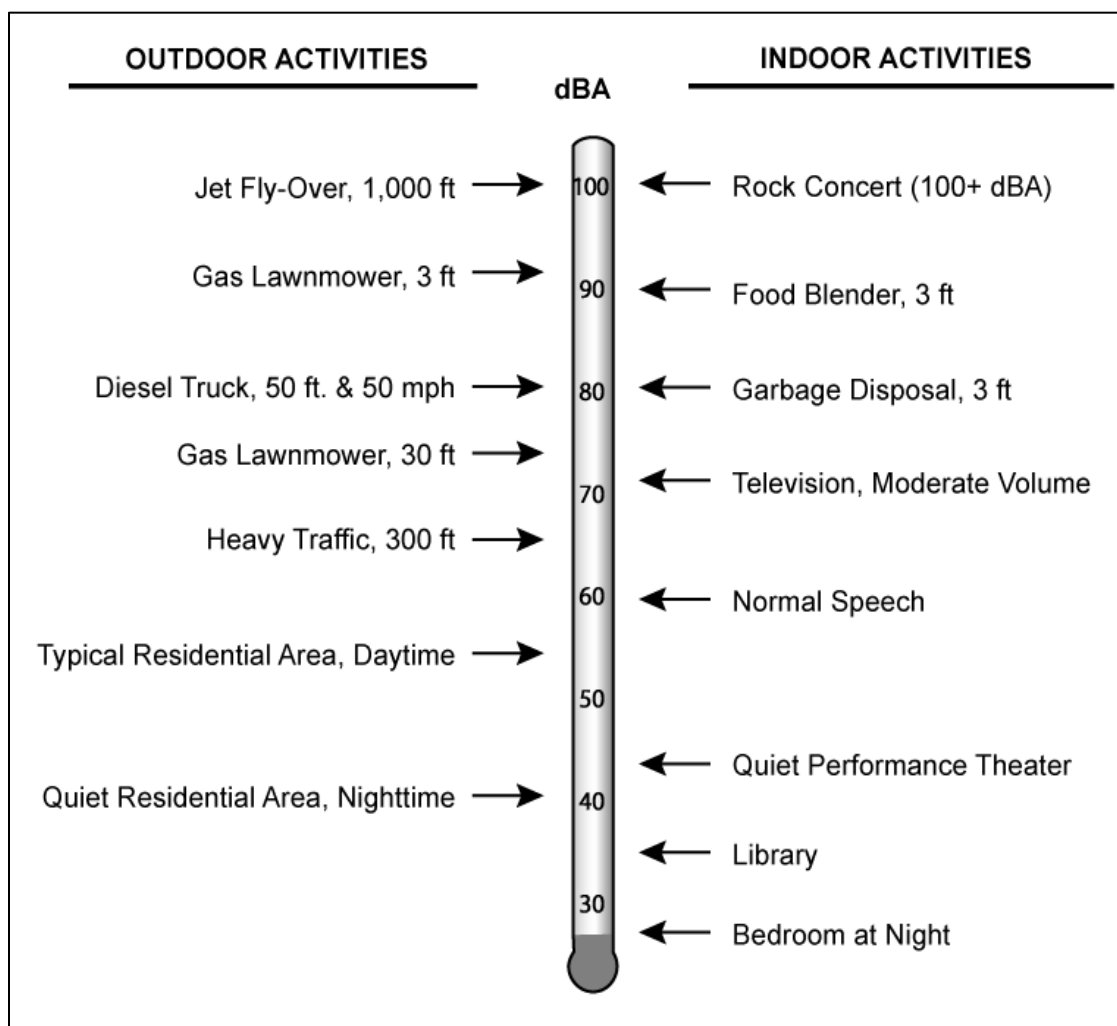
- **Level:** Sound is transmitted through the air in sound waves comprised of small oscillations in pressure just above and below atmospheric pressure. Sound pressure *level* is expressed in decibels (dB), a logarithmic quantity based on the sound pressure of the sound source of interest and a reference pressure representing the quietest sound we can hear. Although humans can detect sound levels from close to 0 dB (the lower limit of human hearing) to approximately 120 dB without experiencing pain, most environmental sounds fall within a range between about 30 dB and 100 dB.

Because decibels are logarithmic quantities, sound pressure levels do not combine, or add, as we might expect. For example, combining two sound sources that each generate a sound pressure level of 40 dB individually causes a total sound pressure level of 43 dB (not 80 dB). Every doubling of source strength results in an increase of 3 dB, so that four 40-dB sources have a combined sound pressure level of 46 dB, eight 40-dB sources have a combined sound pressure level of 49 dB, etc. A tenfold increase in either the source strength or number of equivalent sources causes the sound pressure level to increase by 10 dB.

If a louder noise source and a quieter noise source operate simultaneously, the louder source will dominate the overall sound pressure level. For example, if a 20-dB source is added to a 40-dB source, the quieter source will add less than 0.1 dB to the louder source, resulting in a combined sound pressure level that still is approximately 40 dB. As the quieter source gets louder, however, its effect on the combined sound pressure level will increase. If the quieter source increases until it is equal to the louder source, it will add 3 dB to the combined sound level, resulting in an overall sound level of 43 dB.

In a related fashion, humans also perceive changes in sound pressure level logarithmically. Generally, a change in sound level of 6-10 dB may be perceived as a doubling (or halving) of the sound level. Changes in sound level of less than 3 dB change are difficult to perceive in an environmental setting.

- **Frequency:** Frequency (pitch) is related to the rate of the small oscillations in air pressure that we perceive as sound, and is expressed in cycles per second, or Hertz (Hz). Human ears can detect a wide range of frequencies from around 20 Hz to 20,000 Hz when we are young, but the upper limit tends to decrease to about 10,000 Hz to 15,000 Hz as we age. Because human hearing is less sensitive at very high and low frequencies, the A-weighting system, which emphasizes mid-range frequencies between about 500 Hz and 10,000 Hz, was developed to correlate with human response to noise. The A-weighted sound level has been widely adopted by acousticians as the most appropriate descriptor for environmental noise. Sound levels that have been measured using A-weighting typically are expressed as “A-weighted decibels” (dBA), or indicated with a subscript such as L_{AS} (A-weighted “slow response” sound pressure level). Figure 1 provides examples of A-weighted sound levels for some typical environmental noise sources.



(Source: Federal Transit Administration, 1995)

Figure 1. Typical A-weighted Environmental Sound Levels

- **Time Pattern:** Because environmental noise changes continuously, it is sometimes convenient to describe a particular noise event or source in terms of its maximum sound level ($L_{\max}$ or $L_{A\max}$). While the maximum sound level is useful in describing one aspect of an event or noise source, it provides no information on the duration of the event or the cumulative exposure to a noise source. A common way to account for the cumulative exposure is to express the energy-average of the actual time-varying sound level over a period of time as a single number, called the “equivalent” sound level (L_{eq} or $L_{A\text{eq}}$). The L_{eq} is the constant or “equivalent” sound level that would contain the same amount of sound energy as the time-varying sound level over the same period. Due to the logarithmic addition of noise sources described above, L_{eq} is influenced strongly by the loudest events that occur during a particular period. Because the L_{eq} represents the changing sound level over a specific interval, such as one hour, an eight-hour workday, or the nine-hour nighttime period from 10:00 PM until 7:00 AM, it is important that the time period be expressed or understood when using the metric.

2.3. PROJECT NOISE STANDARDS

The purpose of the monitoring program is to determine whether the Project is operating in compliance with the sound monitoring standards set forth in its CPG. The CPG conditions relevant to Project noise standards are as follows:

Deerfield shall construct and operate the Project so that the turbines emit no prominent discrete tones pursuant to ANSI standards at the receptor locations; and Project-related sound levels at any existing surrounding residences do not exceed 45 dBA (exterior) (L_{eq} , 1 hour) or 30 dBA (interior bedrooms) (L_{eq} , 1 hour).

Each of these requirements is discussed below in greater detail.

2.3.1. Prominent Discrete Tones

The presence of prominent discrete tones for this project was based on ANSI Standard S12.9-2005 Part 4, Annex C², which provides the following guidance to test for tonal content:

The test for the presence of a prominent discrete-frequency spectral component (tone) typically compares the time-average sound pressure level in some one-third-octave band with the time-average sound pressure levels in the adjacent two one-third-octave bands. For a prominent discrete tone to be identified as present, the time-average sound pressure level in the one-third-octave band of interest is required to exceed the time-average sound pressure level for the two adjacent one-third octave bands by some constant level difference. The constant level may vary with frequency. Possible choices for the level differences are 15 dB in low-frequency one-third-octave bands (25-125 Hz), 8 dB in middle frequency bands (160-400 Hz), and 5 dB in high-frequency bands (500-10,000 Hz).

The analysis in this report was conducted using the ANSI Standard’s suggested “possible choices” for level differences.

2.3.2. A-weighted Exterior Sound Levels

The CPG for the Project requires that project-related exterior sound levels at any existing surrounding residences do not exceed 45 dBA (exterior) (L_{eq} , 1 hour). Because it is not possible to measure project-related sound levels directly in the presence of other background noise sources, the Protocol provides a

² ANSI S12.9-2005/Part 4, *Quantities and Procedures for Description and Measurement of Environmental Sound, Part 4: Noise Assessment and Prediction of Long-Term Community Response*, Annex C: Sounds with tonal content, American National Standards Institute, Inc., 2005.

procedure for determining project-related sound through related measurements. The procedure requires separate measurements of two different quantities: overall sound levels (i.e. background sound plus project-related sound) and background-only sound levels (i.e. with use of all project-related equipment curtailed). The background sound level then is subtracted logarithmically from the overall sound level to determine the project-related exterior sound level.

2.3.3. A-weighted Interior Sound Levels

“Because the 30 dB interior limit established by the PUC is sufficiently low that the sound test is easily contaminated by normal activities that occur indoors” and, additionally, because “frequent sound monitoring inside a bedroom is intrusive,” the Protocol limits sound tests of turbine operations to exterior measurements, with interior sound levels calculated based on a fixed 15 dBA reduction.³ Homeowners, however, have the option to request testing to determine the actual outside to inside noise reduction (OINR) of their house if the home meets either of the following criteria:

- The preconstruction sound model shows Deerfield Project sound levels of 40 dBA or higher at that location; or
- Sound monitoring (post-construction) shows Deerfield Project sound levels of 40 dBA (L_{eq})(1 hr) or higher at that location.

3. METHODOLOGY

The Protocol provides an outline of the required methodology for both the field measurements and the data processing related to the sound monitoring program. The “Noise Monitoring Plan for Deerfield Wind Project, Final, Revised,”⁴ (“Monitoring Plan,” attached to this report as Appendix B) provides additional details regarding the logistics of the measurements.

This section of the report provides an overview of the monitoring requirements as provided in the Protocol. Both the Protocol and the Monitoring Plan may be consulted for further details.

3.1. FIELD MEASUREMENTS

3.1.1. Monitoring Periods

The Protocol requires that the fall and the spring monitoring periods each have a minimum continuous duration of at least two weeks, but may be extended for up to five weeks if necessary to obtain sufficient data. The fall 2018 measurements began on Monday, October 22. After confirming that sufficient data had been collected, measurements at two of the three sites (Sites A and B) were concluded on Thursday, November 15. Measurements at Site C continued for the full five-week period, concluding on Monday, November 26.

3.1.2. Monitoring Locations

The Protocol describes the general locations for the three required sound monitoring sites and also states “where monitoring locations are near residential areas, to the extent permission is granted, monitors shall be set near individual homes closest to the Project at these locations. If permission is not granted, then alternative homes shall be contacted, or monitors will be placed in public rights-of-way that are representative of a home, at a similar or lesser distance from the Project.”⁵ Based on this guidance and using aerial photo imagery, CSA first selected several candidate locations for each monitoring site. CSA

³Protocol, Section 2.5 “Outside to Inside Test,” p. 6.

⁴“Noise Monitoring Plan for Deerfield Wind Project, Final, Revised,” Prepared for: Vermont Department of Public Service; Prepared by: Cross-Spectrum Acoustics, Inc., October 17, 2018.

⁵Protocol, Section 2.3 “Microphone Locations,” p. 4.

then conducted visits to the project area on October 1, 2018 and October 16, 2018 to field check the candidate sites. Following the site visits, and after receiving additional input from docket holders, CSA selected the three final sites to be used in both the fall 2018 and spring 2019 monitoring periods.

The three final sites were selected based upon the guidance in the Protocol; conditions on the ground, including distance from local noise sources such as roads and accessibility; and the ability to gain permission from property owners. In all cases, in accordance with the Protocol, sites were selected that were “at least 7.5 m from any surface where reflections could influence measured sound pressure levels” and were placed in locations “to avoid potential contamination from sources such as flowing water, wind chimes, air conditioners, noise from homes, etc.” In addition, sites were selected such that no “structure blocks the line of sight between the microphone and the wind turbines (if otherwise visible).” Finally, CSA made “every reasonable effort to site microphones in a manner that will maximize the probability of capturing the maximum noise levels at each monitoring location, taking into account all relevant factors such as minimizing line-of-sight obstructions between microphone and the Project, and maximizing the number of turbines in line-of-sight of the microphones at each monitoring location.”⁶

For each site, Table 1 provides a general description of the location, the approximate latitude and longitude of the site, the property owner, and other relevant notes.

Figure 2 provides an overview map showing the general location of each site and the locations of the Project’s 15 turbines. Further information on each monitoring site is provided below, and Appendix C provides field data sheets for each measurement location, including site sketches.

Table 1. Fall 2018 Monitoring Sites

Monitoring Site	Location	Lat./Long.	Owner	Notes
Site A	South of Old Route 9 and VT Route 9	42.890714 -73.000413	James Bartleson	House shown in aerial imagery no longer present
Site B	197 VT Route 8	42.88178 -72.97244	Gerry DeGray	Clearing to south side of house and driveway
Site C	343 VT Route 8	42.87274 -72.97124	Tom Shea	Edge of graded area south of barn

⁶Protocol, Section 2.4 “Logistics,” p. 5.



Modified Date: 12/3/20

Site A

The Protocol describes Site A as “located south of Old Route 9, east of Bishop Hill Road, and south of VT Route 9 in Searsburg. This site is similar in location to Site 2 from the preconstruction monitoring.”⁷ The actual location selected for Site A was on the former site of a house located off of Old Route 9 and approximately 600 feet south of the centerline of VT Route 9, south of the transmission line right of way. The microphone was located approximately 110 feet southwest of the nearest utility pole. This location was representative of several homes located on Old Route 9, and represents the closest homes to the northwest of the Project’s western group of turbines (indicated on Figure 2 as W-01 through W-08), with the nearest turbine approximately 3,700 feet to the southeast. Non-project noise sources at this location included traffic on VT Route 9, natural sounds, including wind in trees, and occasional aircraft overflights. Figure 3 shows the location of Site A. Figure 4 and Figure 5 provide photos of the site.



(Basemap Google, 2018)

Figure 3. Site A Location Map

⁷Protocol, Section 2.3 “Microphone Locations,” p. 3.



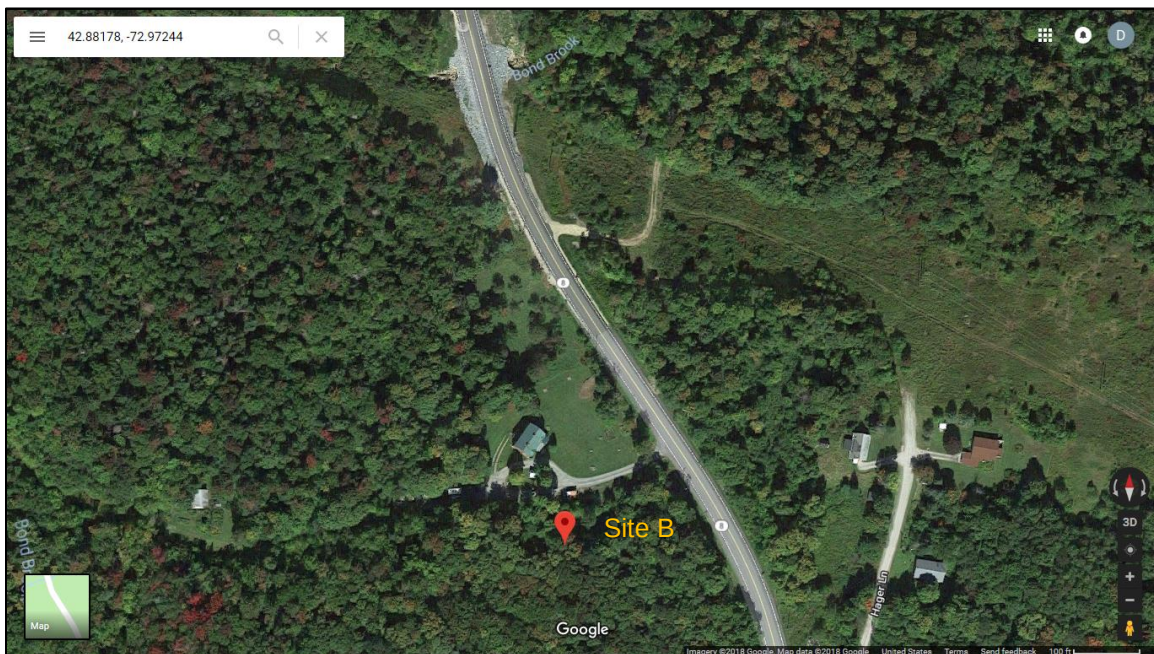
Figure 4. Site A, View to Northeast



Figure 5. Site A, View to Southeast

Site B

The Protocol describes Site B's location as "near the transmission line that crosses VT Route 8 approximately 1.3 km (0.8 miles) south of the VT 8/VT 9 intersection in Searsburg and west of VT Route 8. This site is similar to Site 4 from the preconstruction noise monitoring."⁸ The selected location for Site B was a private residence at 197 VT Route 8, the first residence south of the transmission line right of way. The microphone was located approximately 175 feet from the centerline of VT Route 8. This site represented the closest homes to the east of the Project's western group of turbines, with the nearest turbine approximately 3,700 feet to the west-northwest. Non-project noise sources at this location included traffic on VT Route 8, activities at the residence such as yardwork and vehicles entering and leaving the driveway, natural sounds, including wind in trees, and occasional aircraft overflights. Figure 6 shows the location of Site B. Figure 7 and Figure 8 provide photos of the site.



(Basemap Google, 2018)

Figure 6. Site B Location Map

⁸Protocol, Section 2.3 "Microphone Locations," p. 4.



Figure 7. Site B, View to Northeast



Figure 8. Site B, View to Northwest

Site C

The Protocol describes Site C as “approximately 0.5 miles north of Sleepy Hollow Road on VT Route 8 in Searsburg, west of Route 8. This site is similar to Site 5 from the preconstruction monitoring.”⁹ To be consistent with the Protocol’s guidance that “monitors shall be set near individual homes closest to the Project,”¹⁰ the actual monitoring site was located farther north, approximately 0.9 miles north of Sleepy Hollow Road, at the private residence at 343 VT Route 8. This site represented the closest homes to the east of the Project’s western group of turbines along this portion of VT Route 8, and was among the closest to the Project’s eastern group of turbines (indicated on Figure 2 as E01 through E-07). The microphone was located approximately 240 feet from the centerline of VT Route 8 and the closest Project turbines were approximately 4,100 feet to the west-southwest (W-04 and W-05) and approximately 6,000 feet to the south-southeast (E-01). In addition, the closest turbines in the Searsburg Wind Energy Facility operated by Green Mountain Power were approximately 4,100 feet to the southeast of this site. Non-project noise sources at this location included traffic on VT Route 8, the Searsburg wind turbines, activities at the residence such as vehicles entering and leaving the driveway and construction on some days, natural sounds, including wind in trees, and occasional aircraft overflights. Figure 9 shows the location of Site B. Figure 10 and Figure 11 provide photos of the site.



(Basemap Google, 2018)

Figure 9. Site C Location Map

⁹Ibid.

¹⁰Ibid.



Figure 10. Site C, View to Southwest



Figure 11. Site C, View to East

3.1.3. Instrumentation

Sound Monitoring Equipment

Sound level measurements were conducted at each site using NTi XL-2 portable sound level meters, which meet the ANSI and IEC standards for Type 1 “Precision” sound level meters. Microphones, with seven-inch hydrophobic windscreens, were mounted on tripods approximately five feet above ground level. All meters were field calibrated at the start and the conclusion of the measurements and at intervals of every two to four days throughout the monitoring period. In addition, all instruments used for the measurements previously had been calibrated by an independent laboratory with certification traceable to the National Institute of Standards and Technology (NIST). The sound level meters were programmed to collect 1/3 octave band data at one second intervals and to log additional sound level data over 10-minute intervals. In addition, audio recordings were made throughout the monitoring period at all three sites.

Meteorological Equipment

Meteorological equipment at Site A and Site C included anemometers and wind vanes mounted on approximately five-foot high tripods, similar to the height of the nearby microphones. This equipment logged wind speed and direction over 10-minute intervals. At Site B, meteorological equipment included a weather station which logged temperature, precipitation, wind speed, and wind direction over 10-minute intervals. The sensors for the weather station were mounted on an approximately five-foot high tripod.

Appendix D provides a list of all instrumentation used at each site.

3.1.4. Background Sound Measurements

The Protocol requires that background sound levels must be measured by curtailing operation of the wind turbines at regular intervals, thus allowing a direct comparison between periods with and without turbines operating. To accomplish this, all Project turbines and ancillary equipment were shut down throughout the monitoring program for at least 20 minutes at a time, no less than once per night (10 PM to 7 AM) when hub-height speeds were 6 m/s or above and there was no precipitation in the form of rain, sleet, or ice. Additionally, CSA requested Avangrid to monitor hub-height wind speeds for one hour prior to and one hour after each curtailment. Data were considered for further processing only from curtailments during which hub-height wind speeds for the entire period, beginning one hour before and extending for one hour after the curtailment, were 6 m/s or greater.

During the fall measurement program, Avangrid conducted a total of 18 curtailments on nine separate nights. Of those, 16 met the requirements described above. Sound level data from those 16 curtailments were subjected to further filtering and data processing as described below in Section 3.2.2 of this report. Table 2 provides a summary of the curtailments. Appendix E provides 10-minute interval wind speed and electrical output data for each of the 15 Project turbines throughout the monitoring period.

3.1.5. Attended Measurement

The Protocol requires attended monitoring to take place at each monitoring location for one hour before or after at least one turbine shutdown event, with observers making time-stamped notes regarding what they hear and the relative loudness of those sounds. CSA conducted attended monitoring for a period of nearly four hours extending from 10:00 PM on October 29 until 1:50 AM on October 30. During this period, CSA observers were at all three sites for two 20-minute curtailments (attempts number six and seven shown in Table 2) and also one hour after the first shut-down and one hour before the second shut-down. Appendix F provides the observer logs for the attended measurements.

Table 2. Deerfield Wind Operational Curtailments, October 21 – November 26, 2018

Attempt Number	Start Date & Time	End Date & Time	Wind speed 6 m/s or higher for entire curtailment + 1 hour before and 1 hour after?
1	Oct. 24, 11:02 PM	Oct. 24, 11:24 PM	Yes
2	Oct. 25, 1:33 AM	Oct. 25, 1:54 AM	Yes
3	Oct. 25, 11:14 PM	Oct. 25, 11:35 PM	Yes
4	Oct. 27, 12:12 AM	Oct. 27, 12:34 AM	Yes
5	Oct. 27, 2:43 AM	Oct. 27, 3:05 AM	Yes
6	Oct. 29, 10:30 PM	Oct. 29, 10:51 PM	Yes
7	Oct. 30, 1:21 AM	Oct. 30, 1:48 AM	Yes
8	Oct. 30, 3:56 AM	Oct. 30, 4:18 AM	Yes
9	Oct. 30, 10:00 PM	Oct. 30, 10:10 PM	No
10	Oct. 31, 1:46 AM	Oct. 31, 2:12 AM	Yes
11	Nov. 5, 12:20 AM	Nov. 5, 12:40 AM	No
12	Nov. 5, 3:18 AM	Nov. 5, 3:38 AM	Yes
13	Nov. 7, 10:50 PM	Nov. 7, 11:10 PM	Yes
14	Nov. 8, 2:41 AM	Nov. 8, 3:01 AM	Yes
15	Nov. 10, 11:51 PM	Nov. 11, 12:17 AM	Yes
16	Nov. 11, 2:33 AM	Nov. 11, 2:56 AM	Yes
17	Nov. 14, 1:06 AM	Nov. 14, 1:26 AM	Yes
18	Nov. 14, 3:55 AM	Nov. 14, 4:16 AM	Yes

Source: Avangrid

3.2. DATA PROCESSING

During the fall monitoring period, approximately 500 hours of data were collected each at Site A and Site B; over 800 hours of data were collected at Site C. This section of the report describes the methodology used to process the data and to perform the required evaluations of prominent discrete tones, A-weighted exterior sound levels, and A-weighted interior sound levels.

3.2.1. Prominent Discrete Tones

Using an automated process, the 1/3 octave band 10-minute interval data for the entire monitoring period at each measurement site were evaluated for prominent discrete tones. The evaluation was conducted in accordance with the guidance from ANSI Standard S12.9-2005 Part 4, Annex C described above in Section 2.3.1 of this report and in Section 3.0 of the Protocol. Specifically, the Protocol requires that tonal sounds be evaluated “for each rolling measured Turbine-On $L_{eq(1-hour)}$ ” with rolling periods incremented every 10 minutes.¹¹ Any tonal periods identified were then examined further to determine whether the source was related to the Project. Consistent with the practice described in the recent comprehensive

¹¹Protocol, Section 3.0 “Data Processing,” p. 9.

Massachusetts Study in Wind Turbine Acoustics, the examination of tonal periods was limited to “the primary audible turbine frequencies ranging from 25 Hz to 1,000 Hz.”¹²

3.2.2. A-weighted Exterior Sound Levels

As discussed above in Section 2.3.2 of this report, the Protocol recognizes that it is not possible to measure project-related sound levels directly due to the presence of other background noise sources, and, therefore, provides a procedure for determining project-related sound by comparing overall sound levels (i.e. background sound plus project-related sound) to background-only sound levels (i.e. with use of all project-related equipment curtailed). This section of the report further describes the methodology for determining project-related sound levels.

Approximately every one to two days throughout the monitoring period, Deerfield Wind provided 10-minute interval hub-height wind speed and power output data for all 15 turbines and also a log of any operational curtailments (i.e., “turbine-off” periods). The wind speed data from Turbines W-01 and W-08 were used to identify periods with acceptable hub-height wind speeds of 6 m/s or higher. These two turbines were selected as representing among the closest turbines to each of the measurement sites. Only periods with high enough wind speeds at both W-01 and W-08 were used in the analysis. After confirming that the wind speed was acceptable for each 20-minute “turbine-off” period, the 10-minute intervals for one hour before and one hour after each curtailment were screened, and any intervals during which the average wind speed was not at least 6 m/s at both W-01 and W-08 were excluded.

From this reduced data set, any periods with temperatures below 14° F, or with precipitation (including rain, sleet, and ice, but not snow) were excluded. For the remaining periods, any 10-minute intervals during which the wind vector had a non-zero component from the monitoring site to the nearest turbine were considered “upwind” and were excluded. Any remaining 10-minute intervals with average wind speeds of 5 m/s or higher at each microphone location were excluded, and intervals with wind speeds between 4 m/s and 5 m/s were identified for further screening.

For the remaining periods, any events exceeding 40 dBA were investigated either by listening to the audio recording of the event, or by reviewing the spectrogram of the event, to determine if the cause of the event was related to the Project. Typical events eliminated from the data included traffic passbys and aircraft overflights. Although some noise caused by high wind gusts was eliminated from the data, in general, noise caused by wind blowing in trees, etc. was not excluded from either the “turbine-on” or “turbine-off” data sets at this stage. Note that periods with wind speeds of 5 m/s or higher at microphone locations previously had been eliminated from the data, and periods with wind speeds between 4 m/s and 5 m/s were reviewed for possible wind contamination.

Following the filtering described above, the A-weighted L_{eq} was computed for the remaining portion of each qualifying “turbine-off” period. After filtering, the remaining “turbine-off” L_{eq} s ranged from approximately 16 to 23 minutes in duration. Similarly, the A-weighted L_{eq} was computed for the remaining portion of each qualifying 10-minute “turbine-on” interval within one hour either before or after the adjacent curtailment. Following filtering, the remaining portions of the “turbine-on” interval L_{eq} s ranged from approximately seven to 10 minutes in length.

The L_{eq} for each “turbine-on” interval then was compared to the L_{eq} for the adjacent “turbine-off” interval. The “turbine-on” L_{eq} was discarded if it was not at least 3 dB higher than the adjacent “turbine-off” L_{eq} . For this evaluation, CSA defined an “adjacent” interval as any 10-minute interval within either one hour before or one hour after the qualifying “turbine-off” period.

¹² *Massachusetts Study on Wind Turbine Acoustics*, “Section 9.3, Tonality Under ANSI S12.9 Part 4,” Prepared for: Massachusetts Clean Energy Center and Department of Environmental Protection, Submitted by: RSG (Resource Systems Group, Inc.), February 18, 2016, p. 143.

All remaining “turbine-on” periods were used to compute a single overall “turbine-on” L_{eq} for each measurement site. Similarly, all remaining “turbine-off” periods were used to compute a single overall “turbine-off” L_{eq} for each measurement site. The “turbine-off,” or background, energy-averaged sound level was then logarithmically subtracted from the “turbine-on” energy-averaged sound level to determine the “turbine-only” sound level at each measurement site. The computed “turbine-only” sound level is the appropriate value for comparison to the CPG limit.

3.2.3. A-weighted Interior Sound Levels

As described above in Section 2.3.3, the Protocol limits sound tests of turbine operations to exterior measurements, with interior sound levels calculated based on a fixed reduction in the A-weighted sound level of 15 dB. As an alternative to using the fixed 15 dB reduction, homeowners at locations where either the preconstruction sound model shows Project sound levels of 40 dBA (L_{eq})(1 hr) or higher, or where post-construction sound monitoring shows Deerfield Project sound levels of 40 dBA (L_{eq})(1 hr) or higher, may request Outdoor to Indoor Noise Reduction measurements. No instances of OINR measurements were requested or conducted during the fall 2018 monitoring program. Therefore A-weighted interior sound levels were calculated by applying a fixed OINR of 15 dB to the computed “turbine-only” sound level at each site.

4. MONITORING RESULTS

This section of the report provides the results of the monitoring and analysis for prominent discrete tones, A-weighted exterior sound levels, and A-weighted interior sound levels.

4.1. PROMINENT DISCRETE TONES

As described above in Section 3.2.1, the 1/3 octave band 10-minute interval data for the entire monitoring period at each measurement site were evaluated for prominent discrete tones. As required by the Protocol, the evaluation was conducted in accordance with ANSI Standard S12.9-2005 Part 4, Annex C “for each rolling measured Turbine-On $L_{eq}(1\text{-hour})$. . .” with rolling periods “. . . incremented every 10 minutes.”¹³ The examination of tonal periods was limited to turbine frequencies ranging from 25 Hz to 1,000 Hz.

Table 3 displays the results of the analysis.

Table 3. Prominent Discrete Tones

Monitoring Site	Date	Time (Start of Rolling 1-hour L_{eq})	Frequency	Source
Site A	--	--	--	--
Site B	11/6/2018	3:30 AM 3:40 AM 3:50 AM 4:00 AM 4:10 AM 4:20 AM	80 Hz 80 Hz 80 Hz 80 Hz 80 Hz 80 Hz	Vehicle passby at 4:25 AM
Site C	11/15/2018	9:50 AM 9:50 AM 10:00 AM	31.5 Hz 125 Hz 125 Hz	Construction activity (concrete truck) at residence

¹³Protocol, Section 3.0 “Data Processing,” p. 9.

Over the entire monitoring period, the analysis identified two events causing prominent discrete tones:

- At Site B, a vehicle passby at approximately 4:25 AM on November 6 caused a tone in the 80 Hz 1/3 octave band. Although the duration of the event was under one minute, the level was high enough to affect the six rolling 1-hour L_{eq} s with start times ranging from 3:30 AM until 4:20 AM.
- At Site C, a construction vehicle at the residence caused tones in both the 31.5 Hz and the 125 Hz 1/3 octave bands between approximately 9:50 AM and 10:10 AM on November 15.

As neither of these events was project-related, no occurrences of prominent discrete tones associated with the Project were identified during the fall 2018 monitoring period.

4.2. A-WEIGHTED EXTERIOR SOUND LEVELS

4.2.1. Summary

As described above in Section 3.2.2, A-weighted sound level data for qualifying “turbine-off” periods and adjacent qualifying “turbine-on” periods were evaluated in accordance with the Protocol. After filtering the data for required weather conditions and removing contaminating events, a single energy-averaged L_{eq} sound level was computed to represent the entire remaining “turbine-on” data at each site. Similarly, one energy-averaged L_{eq} sound level was computed to represent the entire remaining “turbine-off,” or background, data at each site. For each site, the background sound level then was subtracted logarithmically from the “turbine-on” sound level. The resulting “turbine-only” sound level then could be compared to the CPG’s exterior sound level limit. As discussed in Section 2.3.2, the CPG requires that project-related sound levels at any existing surrounding residences must not exceed 45 dBA (exterior) (L_{eq} , 1 hour).

Table 4 provides a summary of the analysis results. The computed “turbine-only” sound levels of 38 dBA at Site A, 40 dBA at Site B, and 41 dBA at Site C all comply with the CPG’s exterior sound level limit. The following sections of the report provide more in-depth discussions of the monitoring results at each of the three sites.

Table 4. Summary of A-weighted Exterior Sound Levels

Monitoring Site	“Turbine-on” Sound Level (L_{eq} , dBA)	“Turbine-off” Sound Level (L_{eq} , dBA)	“Turbine-only” Sound Level (L_{eq} , dBA)	CPG Exterior Sound Level Limit (L_{eq} , dBA)	Meets CPG Limit?
Site A	40	34	38	45	Yes
Site B	43	40	40	45	Yes
Site C	44*	41*	41*	45*	Yes*

*Results for Site C based on less than two hours of “turbine-on” data. See Section 4.2.4 for details.

4.2.2. Site A

Sound level monitoring was conducted at Site A over a period of 24 days from October 22, 2018 until November 15, 2018. In addition, wind speed and wind direction data were collected at Site A throughout the same period. Temperature and precipitation data recorded at Site B were applied to this site. Figure 12 through Figure 15 provide graphs showing 10-minute interval data for A-weighted L_{eq} sound level, wind speed, and temperature. Each figure (except for the truncated week depicted in the final graph) presents the data for a weeklong period and shows a typical diurnal pattern with the lowest sound levels occurring during nighttime hours. Over the full monitoring period, 10-minute L_{eq} sound levels at Site A ranged from a low of approximately 25 dBA to a high of approximately 68 dBA. Temperatures ranged from approximately -13° C to +10° C (9° F to 50° F) and 10-minute average wind speeds ranged from 0 m/s to approximately 9 m/s (0 mph to 20 mph).

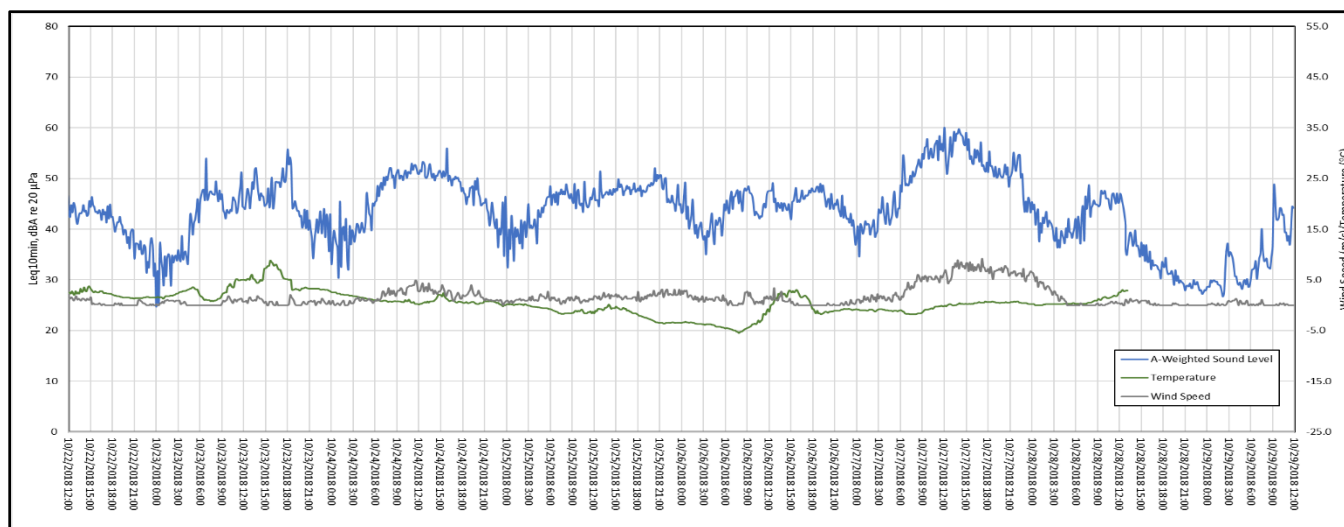


Figure 12. Sound Level and Weather Data: Site A, Oct. 22 – Oct. 29, 2018

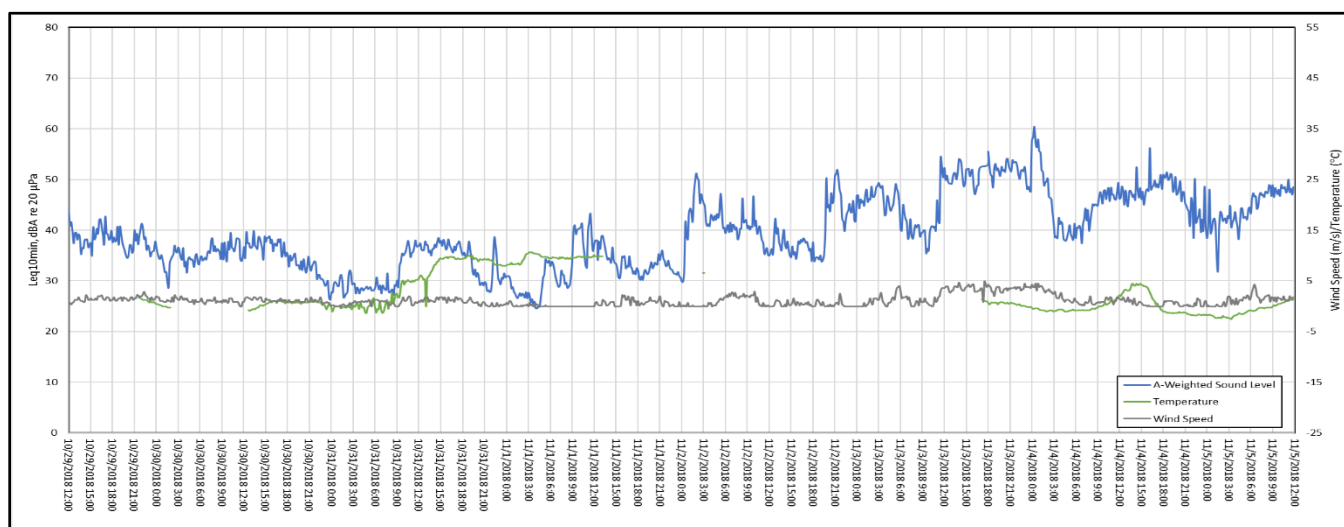


Figure 13. Sound Level and Weather Data: Site A, Oct. 29 – Nov. 5, 2018

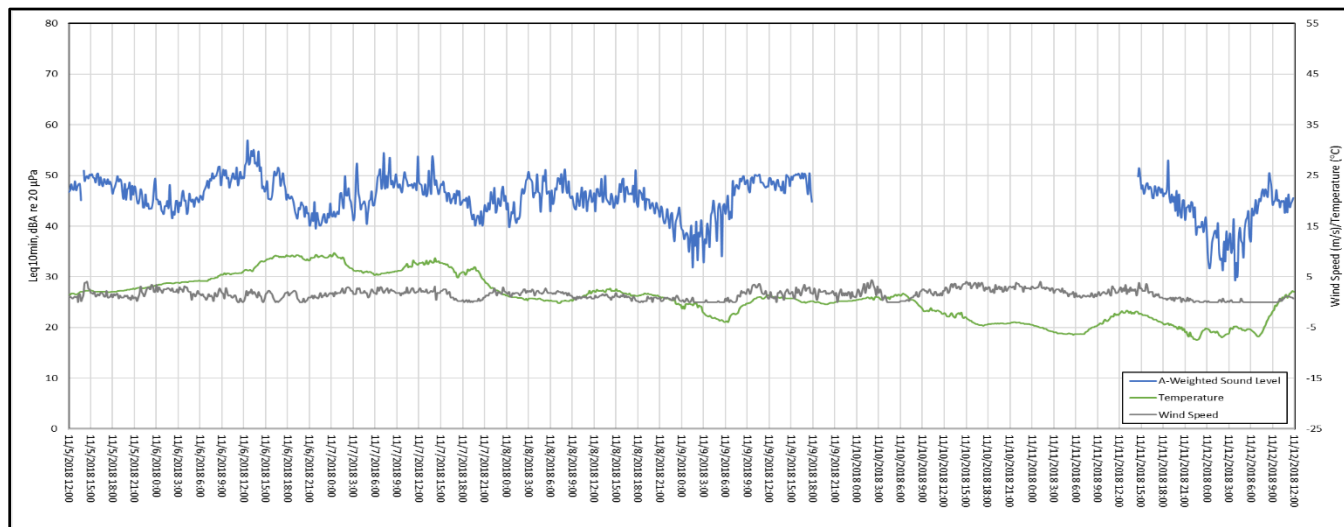


Figure 14. Sound Level and Weather Data: Site A, Nov. 5 – Nov. 12, 2018

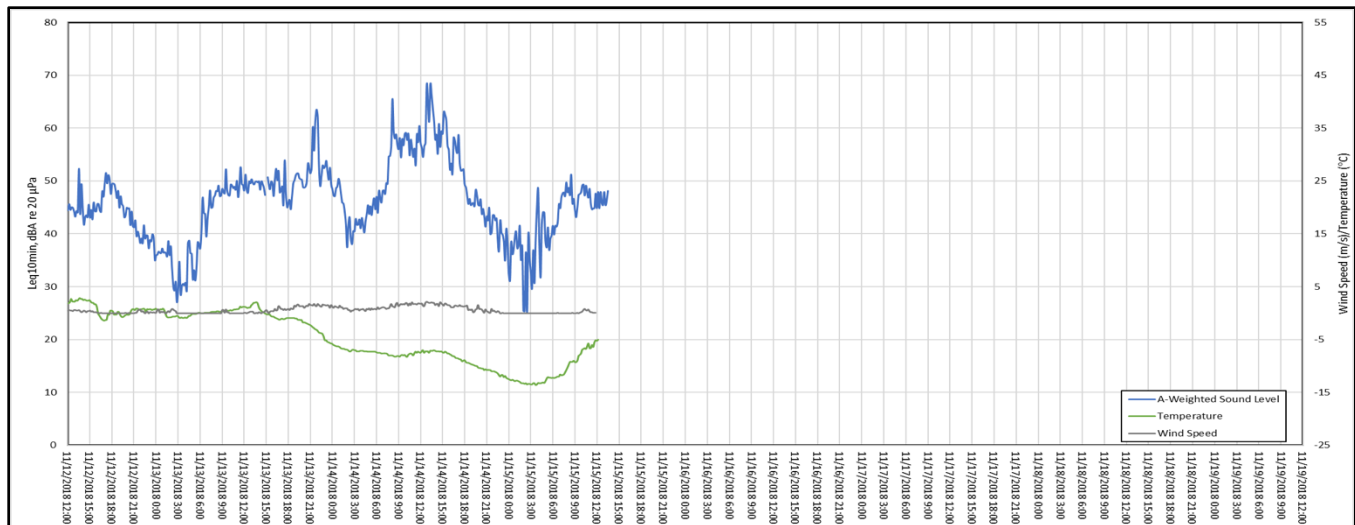


Figure 15. Sound Level and Weather Data: Site A, Nov. 12 – Nov. 15, 2018

In addition to brief interruptions in data collection every two to four days to download data, change batteries, and conduct calibration checks, the following interruptions occurred:

- Intermittently between October 28 and October 30, the data connection between the Site B weather station and data logger was disabled, resulting in loss of temperature and precipitation data. The connection was restored on October 30, but connectivity again was lost between November 1 and November 3. Following the second interruption, the issue was resolved for the remainder of the measurements. The anemometer and wind vane at Site A continued to collect data throughout these interruptions.
- Between November 9 and November 11, a power failure caused the loss of approximately 44 hours of sound level data at Site A.

During the monitoring period, seven turbine-operation curtailments occurred that satisfied the Protocol’s wind speed, wind direction, and temperature criteria for Site A. After further filtering and elimination of contaminating events, six hours and two minutes (362 minutes) of “turbine-on” data with an L_{eq} of 40 dBA, and one hour and 10 minutes (70 minutes) of “turbine-off” data with an L_{eq} of 34 dBA remained. The computed “turbine-only” sound level of 38 dBA complies with the CPG’s 45-dBA standard. This filtered data set substantially exceeded the Protocol’s requirement of two valid hours of “turbine-on” data. Although sufficient “turbine-on” data already had been collected, because of the lapses in data collection, the measurement period was extended to 24 days to ensure that the minimum requirement of two weeks of monitoring also was met fully.

Figure 16 provides an example of typical sound level data at Site A associated with the turbine curtailment that occurred on November 5 and the adjacent one-hour periods before and after the curtailment. In contrast to the 10-minute L_{eq} data shown on the weeklong graphs, this figure displays 1-second interval L_{AEQ} sound levels (A-weighted, equivalent level). As a result, spikes in sound level associated with individual vehicle passbys on VT Route 9 are clearly visible. At this location, approximately 600 feet from the roadway, maximum passby sound levels generally ranged between about 48 to 58 dBA and occurred, on average, about every four minutes during this sample. During the intervals between vehicle passbys, the “turbine-on” sound level generally varied within a few decibels of 40 dBA. During the “turbine-off” period between approximately 3:20 AM and 3:40 AM, the background sound level between vehicle passbys dropped to roughly 33 to 35 dBA. Although the “turbine-on” and “turbine-off” sound levels shown in this example are consistent with the energy-average sound levels presented in Table 4, it should be noted that sound levels associated with other curtailments may be either higher or lower than the averages shown in Table 4.

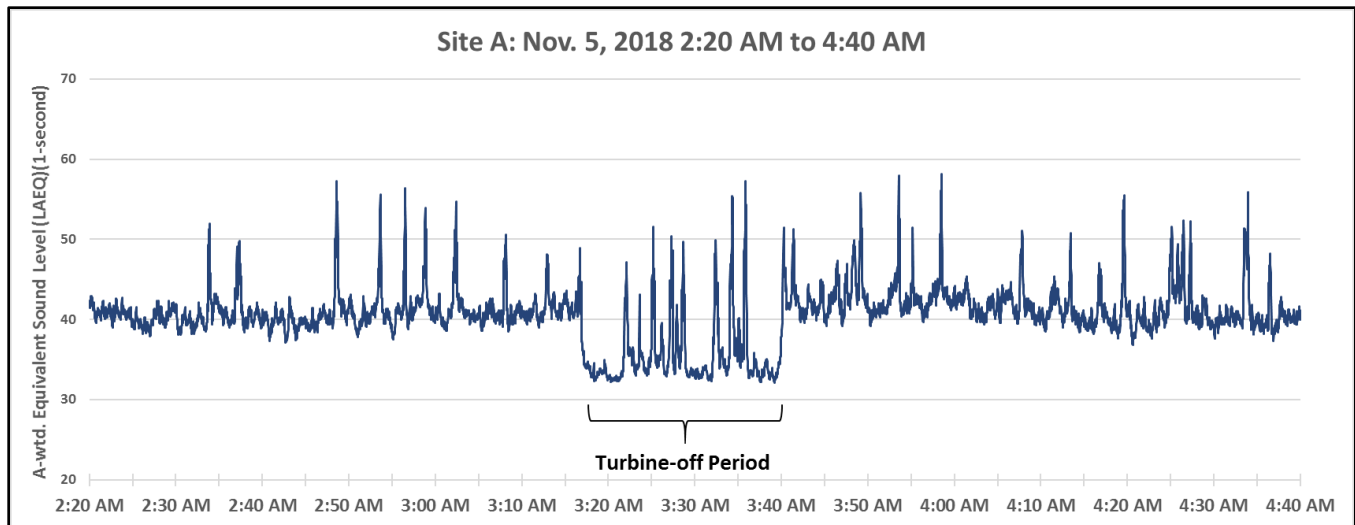


Figure 16. Sound Level Time History Site A, Nov. 5, 2018, 2:20 AM to 4:40 AM

4.2.3. Site B

Sound level monitoring was conducted at Site B over a period of 24 days from October 22, 2018 until November 15, 2018. In addition, wind speed, wind direction, temperature, and precipitation data were collected at Site B throughout the monitoring period. Figure 17 through Figure 20 present 10-minute interval data for A-weighted L_{eq} sound level, wind speed, and temperature. Over the full monitoring period, 10-minute L_{eq} sound levels ranged from a low of approximately 28 dBA to a high of approximately 73 dBA. Temperatures ranged from approximately -13° C to +10° C (9° F to 50° F) and 10-minute average wind speeds ranged from 0 m/s to approximately 8 m/s (0 mph to 18 mph).

In addition to brief interruptions in data collection every two to four days to download data, change batteries, and conduct calibration checks, the following interruptions occurred:

- Intermittently between October 28 and October 30, the data connection between the Site B weather station and data logger was disabled, resulting in loss of temperature and precipitation data. The connection was restored on October 30, but connectivity again was lost between November 1 and November 3. Following the second interruption, the issue was resolved for the remainder of the measurements.
- On November 3, a power failure caused the loss of approximately four hours of sound level data at Site B.

During the monitoring period, 11 turbine-operation curtailments occurred that satisfied the Protocol's wind speed, wind direction, and temperature criteria for Site B. After further filtering and elimination of contaminating events, seven hours and 50 minutes (470 minutes) of "turbine-on" data with an L_{eq} of 43 dBA, and two hours and 21 minutes (141 minutes) of "turbine-off" with an L_{eq} of 40 dBA remained. The computed "turbine-only" sound level of 40 dBA complies with the CPG's 45-dBA standard. The filtered data set substantially exceeds the Protocol's requirement of two valid hours of "turbine-on" data. As at Site A, however, because of the lapses in data collection, the measurement period was extended to 24 days to ensure that the minimum requirement of two weeks of monitoring also was met fully.

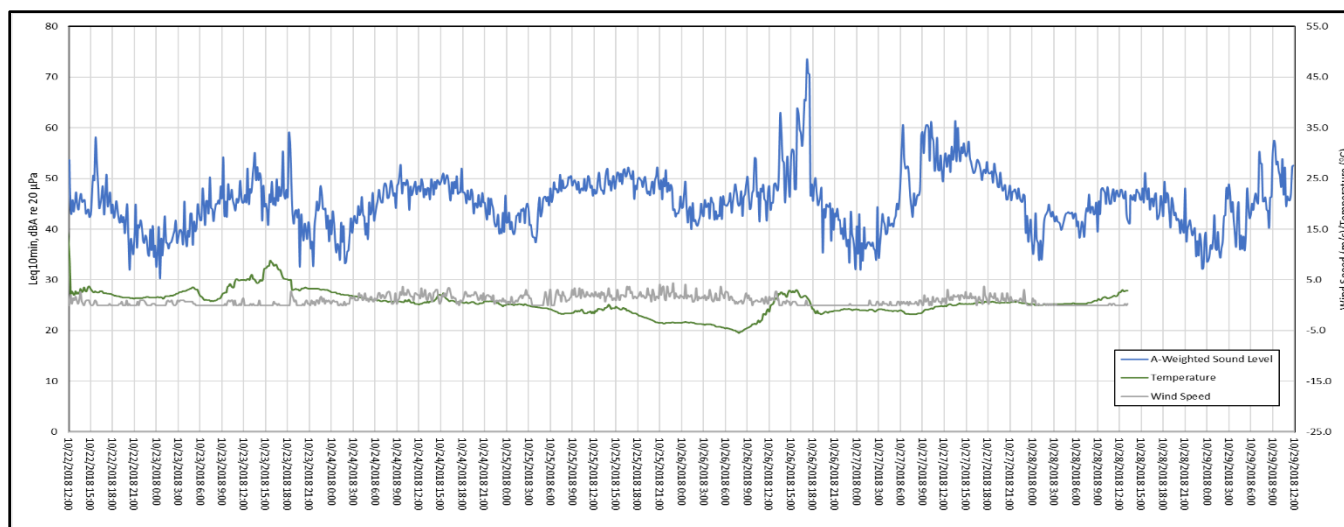


Figure 17. Sound Level and Weather Data: Site B, Oct. 22 – Oct. 29, 2018

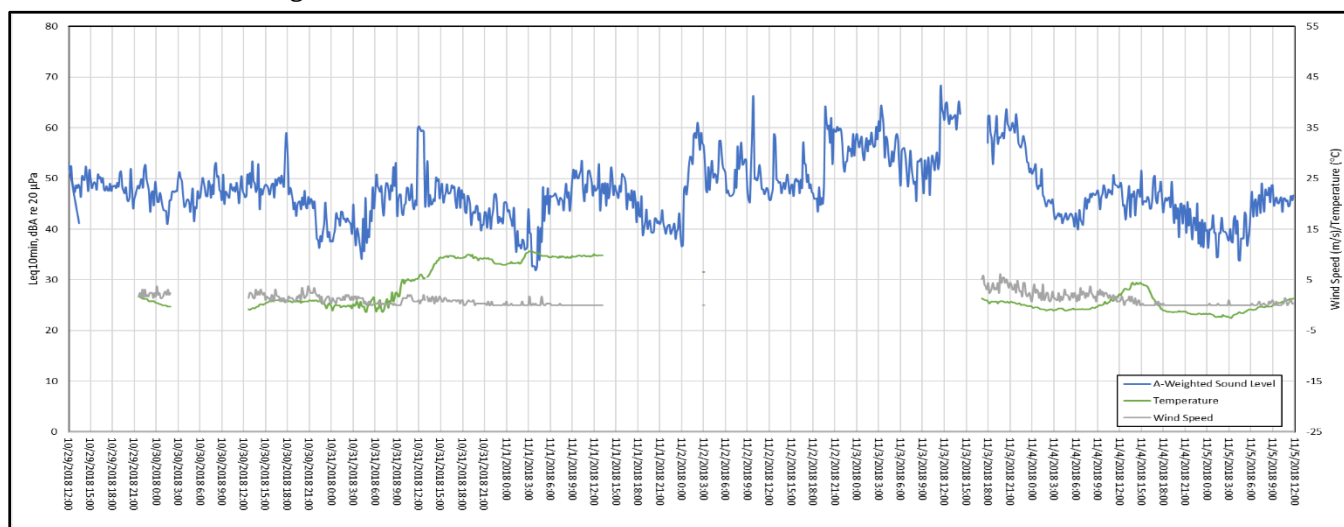


Figure 18. Sound Level and Weather Data: Site B, Oct. 29 – Nov. 5, 2018

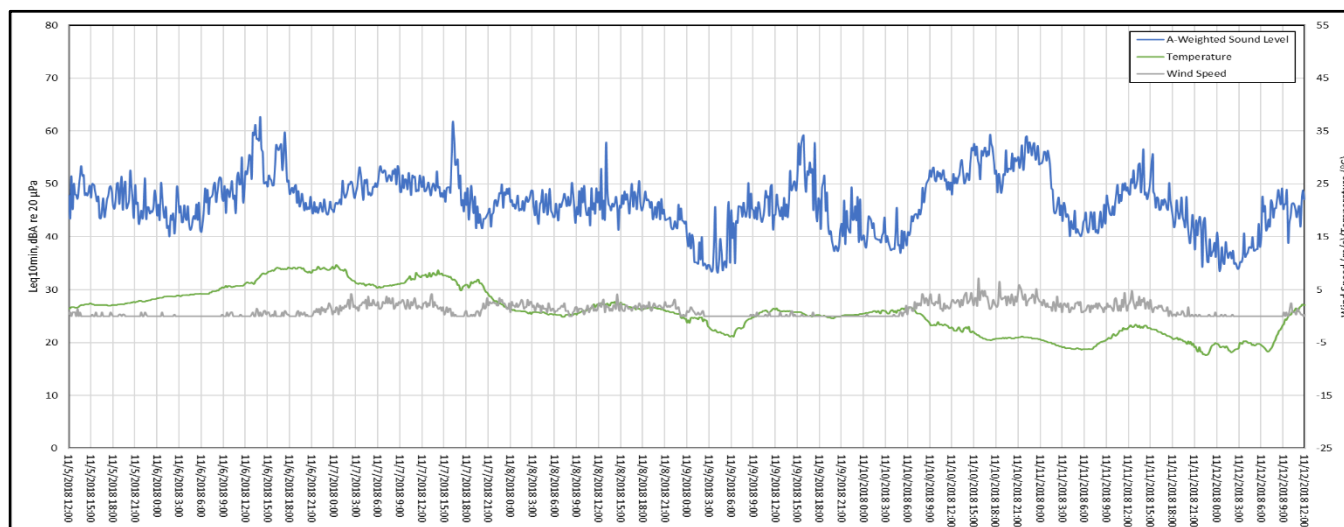


Figure 19. Sound Level and Weather Data: Site B, Nov. 5 – Nov. 12, 2018

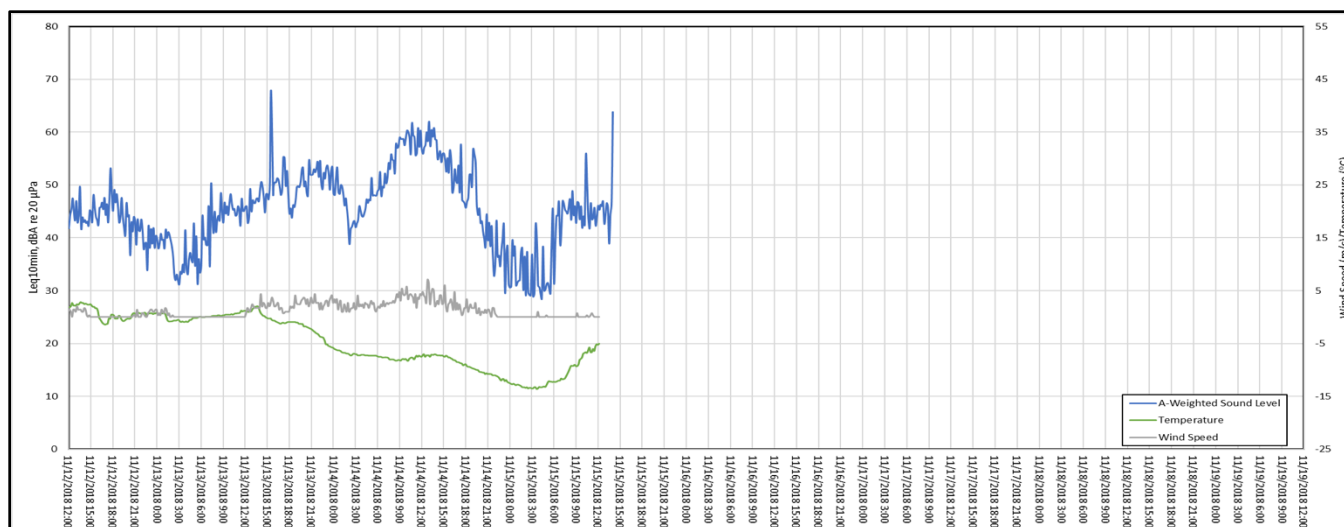


Figure 20. Sound Level and Weather Data: Site B, Nov. 12 – Nov. 15, 2018

Figure 21 provides an example of typical sound level data at Site B associated with the turbine curtailment that occurred on November 5, and the adjacent one-hour periods before and after the curtailment. The example shown here is the same curtailment shown in Figure 16 and discussed above for Site A. The 1-second interval L_{AEQ} sound levels shown on the figure clearly identify the six individual vehicle passbys that occurred on VT Route 8 during the two-hour and twenty-minute period. At this location, approximately 175 feet from the roadway, maximum passby sound levels generally ranged between about 59 and 64 dBA. During the majority of time when vehicles were not present, the “turbine-on” sound level generally varied between about 35 and 40 dBA. During the “turbine-off” period between approximately 3:20 AM and 3:40 AM, the background sound level dropped to roughly 33 to 34 dBA. Both the “turbine-on” and “turbine-off” sound levels shown in this example are lower than the energy-average sound levels for Site B presented in Table 4. During other curtailments, both the “turbine-on” and “turbine-off” sound levels were higher than those shown on Figure 21.

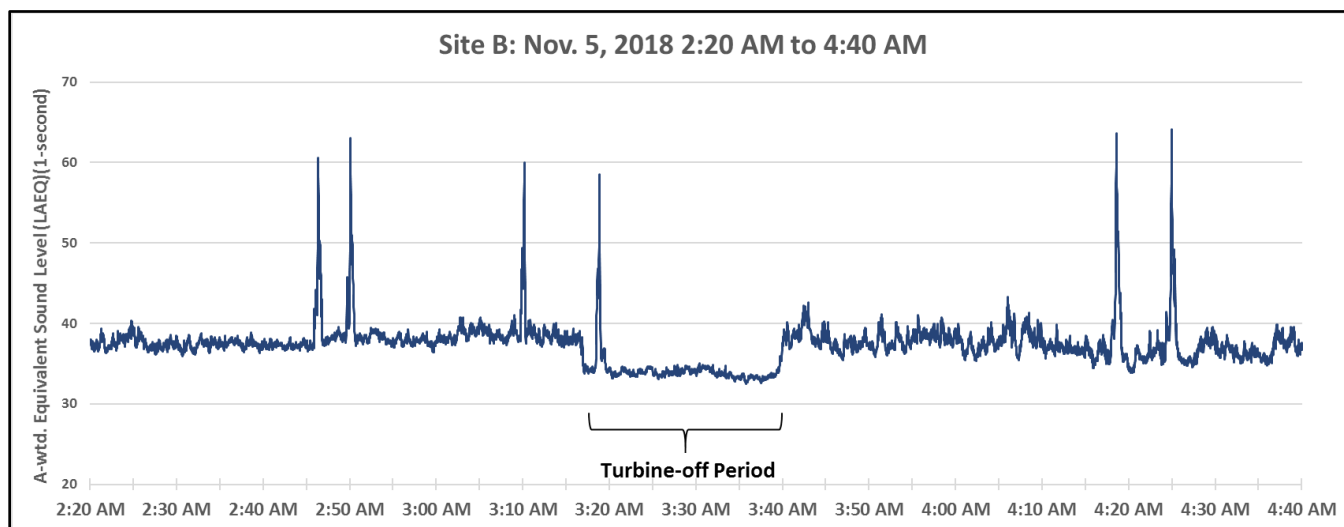


Figure 21. Sound Level Time History Site B, Nov. 5, 2018, 2:20 AM to 4:40 AM

4.2.4. Site C

Sound level monitoring was conducted at Site C over a period of 35 days from October 22, 2018 until November 26, 2018. In addition, wind speed and wind direction data were collected at Site C throughout the monitoring period. Temperature and precipitation data recorded at Site B were applied to this site. Figure 22 through Figure 26 provide graphs showing 10-minute interval data for A-weighted L_{eq} sound level, wind speed, and temperature. Over the full monitoring period, 10-minute L_{eq} sound levels ranged from a low of approximately 24 dBA to a high of approximately 64 dBA. Temperatures ranged from approximately -23° C to +10° C (-9° F to 50° F) and 10-minute average wind speeds ranged from 0 m/s to approximately 8 m/s (0 mph to 18 mph).

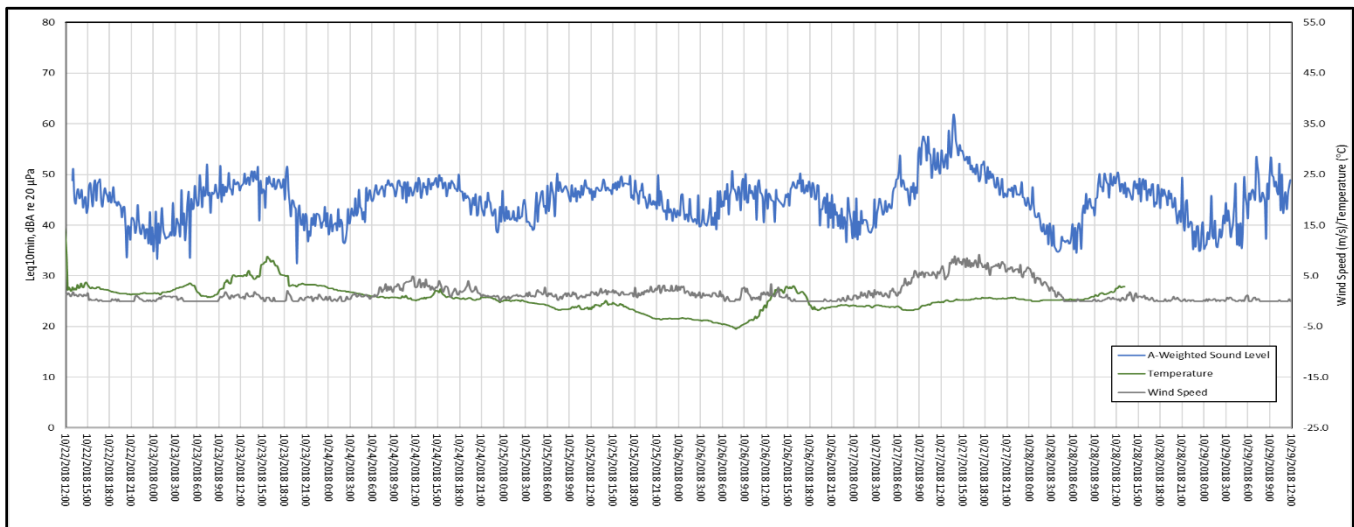


Figure 22. Sound Level and Weather Data: Site C, Oct. 22 – Oct. 29, 2018

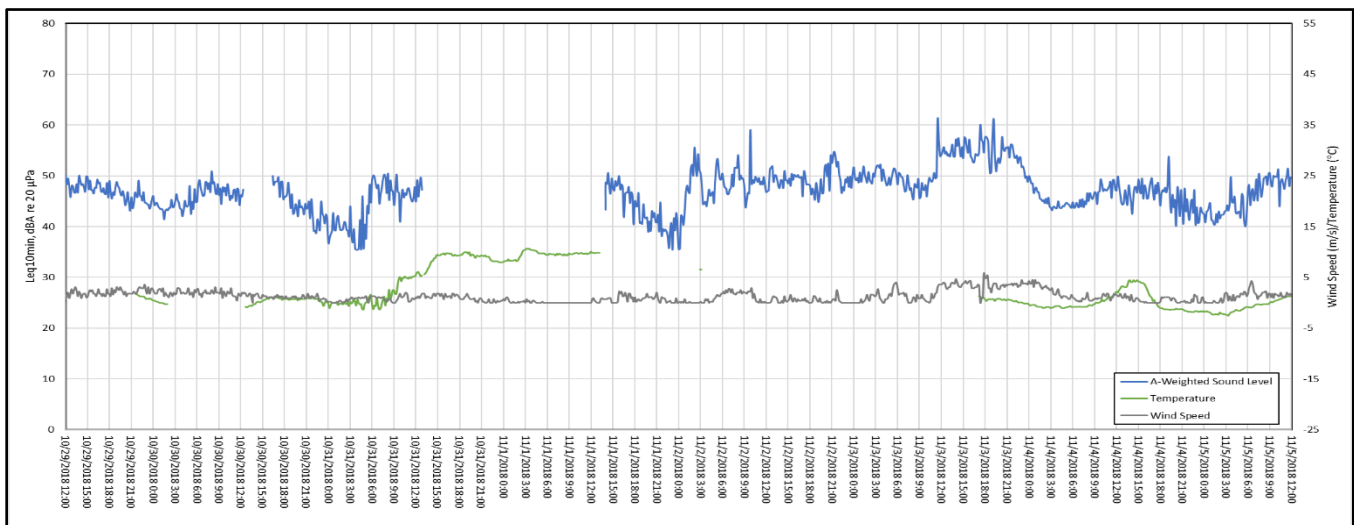
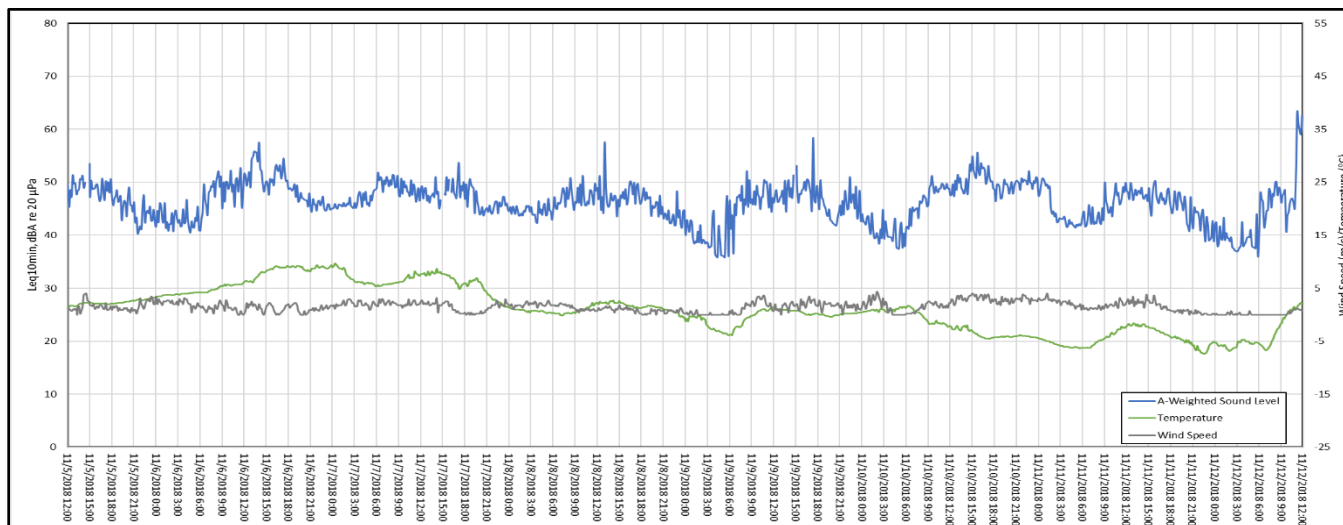
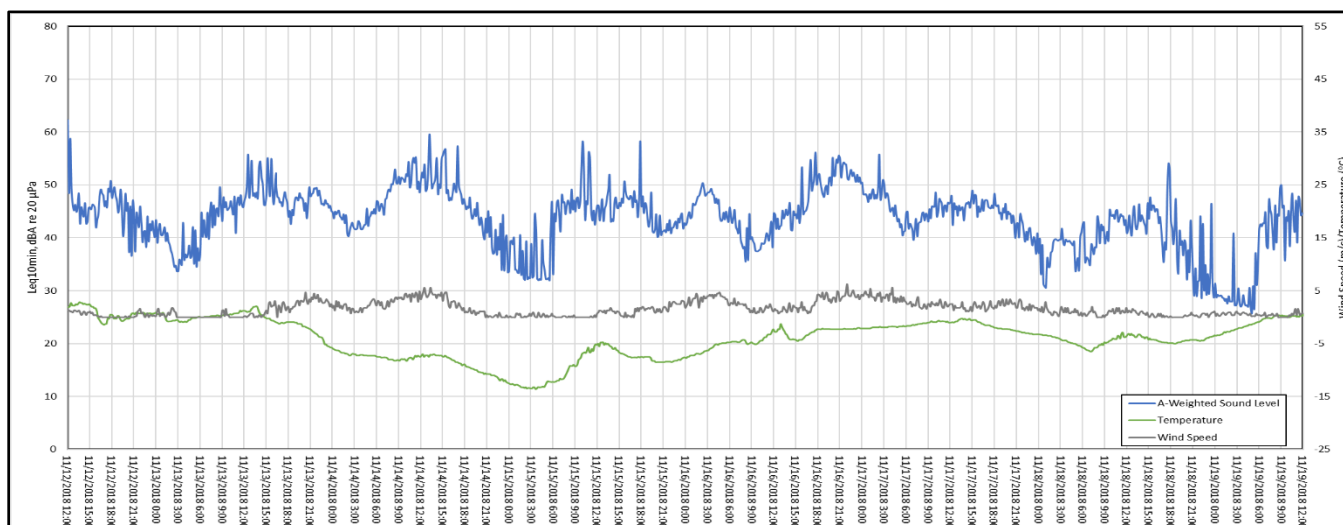
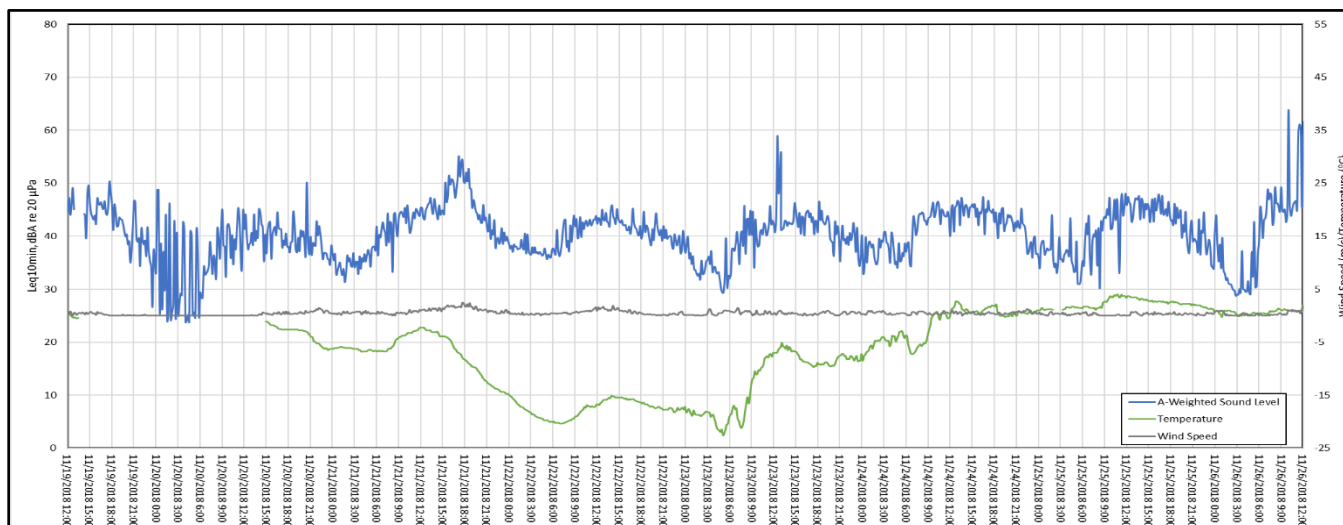


Figure 23. Sound Level and Weather Data: Site C, Oct. 29 – Nov. 5, 2018

**Figure 24. Sound Level and Weather Data: Site C, Nov. 5 – Nov. 12, 2018****Figure 25. Sound Level and Weather Data: Site C, Nov. 12 – Nov. 19, 2018****Figure 26. Sound Level and Weather Data: Site C, Nov. 19 – Nov. 26, 2018**

In addition to brief interruptions in data collection every two to four days to download data, change batteries, and conduct calibration checks, the following interruptions occurred:

- Intermittently between October 28 and October 30, the data connection between the Site B weather station and data logger was disabled, resulting in loss of temperature and precipitation data. The connection was restored on October 30, but connectivity again was lost between November 1 and November 3. Following the second interruption, the issue was resolved for the remainder of the measurements. The anemometer and wind vane at Site C continued to collect data throughout these interruptions.
- On October 30, approximately three hours of sound level data were lost at Site C due to equipment failure, with a new meter swapped in to replace the original equipment.
- On October 31 and November 1, approximately 25 hours of sound level data were lost at Site C due to a memory card error.

During the monitoring period, 10 turbine-operation curtailments occurred that satisfied the Protocol's wind speed, wind direction, and temperature criteria for Site C. After further filtering and elimination of contaminating events, 48 minutes of "turbine-on" data with an L_{eq} of 44 dBA, and 56 minutes of "turbine-off" with an L_{eq} of 41 dBA remained. The computed "turbine-only" sound level of 41 dBA complies with the CPG's 45-dBA standard. Although the monitoring at Site C extended to the maximum five-week period provided by the Protocol, the filtered data set did not meet the Protocol's requirement of two valid hours of "turbine-on" data.

Figure 27 provides an example of typical sound level data at Site C associated with the turbine curtailment that occurred on October 31, and the adjacent one-hour periods before and after the curtailment. The 1-second interval L_{AEQ} sound levels shown on the figure clearly show the six individual vehicle passbys that occurred on VT Route 8 during the two-hour and thirty-minute period. At this location, approximately 240 feet from the roadway, maximum passby sound levels generally ranged between about 50 and 62 dBA. During the majority of time when vehicles were not present, the "turbine-on" sound level generally varied between about 37 and 42 dBA with the lowest sound levels late in the hour following the curtailment. During the "turbine-off" period between approximately 1:45 AM and 2:05 AM, the background sound level dropped only slightly, to a range of roughly 37 to 40 dBA.

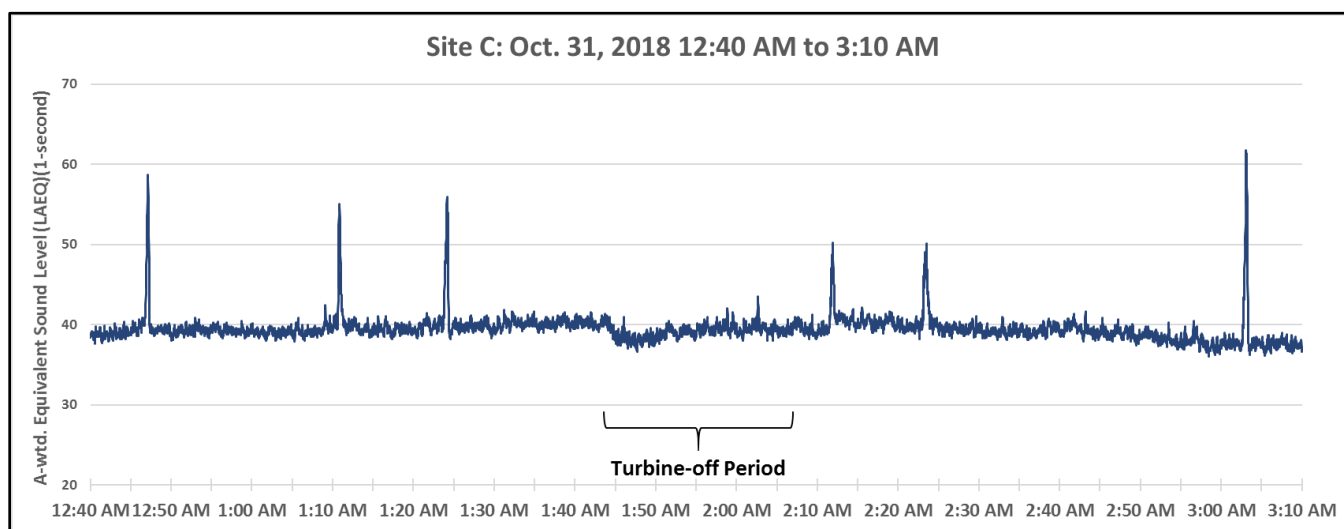


Figure 27. Sound Level Time History Site C, Oct. 31, 2018, 12:40 AM to 3:10 AM

The relatively small difference between the “turbine-on” and “turbine-off” sound levels, which was typical at Site C during turbine-operation curtailments, was due primarily to the site’s proximity to the Searsburg wind turbines. Because the Searsburg turbines are not part of the Deerfield Project, they remained in operation during the Deerfield curtailments and influenced background sound levels at Site C. As described in Section 3.2.2 of this report, the Protocol requires that when “background sound levels are within 3 dB of the adjacent measured Turbine-on sound levels, the background and Turbine-on periods will be excluded from further processing.”¹⁴ Although this criterion resulted in the exclusion of some data at all three monitoring sites, the issue was most prevalent at Site C, where it caused the exclusion of nearly 10 hours of otherwise valid “turbine-on” data from the results shown in Table 4. Disregarding the 3-dB criterion and utilizing all otherwise valid Site C data would provide 10 hours and 43 minutes (643 minutes) of “turbine-on” data, with an overall L_{eq} sound level of 43 dBA.

The Protocol acknowledges that unforeseen events may occur during the compliance monitoring and states that “the sound engineer conducting the testing may modify the background sound methodology for good cause.”¹⁵ Because of the contribution of the Searsburg turbines to the background sound level at Site C, CSA recommends suspension of the minimum requirement of two hours of valid “turbine-on” data at Site C. CSA further recommends that the computed “turbine-only” sound level for Site C included in Table 4 be accepted as meeting the Protocol’s requirements for data acquisition and data processing for these reasons:

- Nearly 10 hours (nine hours and 55 minutes) of otherwise valid data for Site C was excluded due only to the 3-dB above background criterion.
- Disregarding the 3-dB criterion would provide 10 hours and 43 minutes of valid “turbine-on” data with an energy-average L_{eq} sound level of 43 dBA.
- The overall sound level computed for this larger data set is consistent with (i.e., within one decibel of) the value of 44 dBA for the smaller 48-minute “turbine-on” data set which met all of the Protocol’s criteria, including the 3-dB requirement. This agreement provides confidence that the smaller data set, while less than the required two hours of data, was typical of “turbine-on” sound levels during periods meeting all other criteria.
- The measured 43 dBA sound level for the larger data set is comprised both of project-related and background noise sources, including the Searsburg turbines, and therefore provides a conservative estimate of project-related sound levels.
- As a worse-case scenario, even if the energy-average value of 43 dBA for the larger data set were viewed as the “turbine-only” sound level (despite acknowledgement that this value includes both project-related and background noise sources), the exterior A-weighted sound level at Site C still would comply with the CPG’s exterior sound level limit of 45 dBA.

4.3. A-WEIGHTED INTERIOR SOUND LEVELS

Table 5 provides a summary of the calculated interior sound levels at each of the three measurement sites. For each measurement site, the table shows the measured exterior “turbine-only” (i.e., “Project”) sound level, the assumed OINR of 15 dB, and the resulting interior “turbine-only” sound level, obtained by subtracting the assumed OINR from the exterior sound level. To comply with the CPG’s interior standard, the interior “turbine-only” sound level must not exceed 30 dBA (interior) (L_{eq} , 1 hour). The computed “turbine-only” interior sound levels of 23 dBA at Site A, 25 dBA at Site B, and 26 dBA at Site C all comply with the CPG’s interior sound level limit.

¹⁴Protocol, Section 3.0 “Data Processing,” p. 9.

¹⁵Protocol, Section 2.6 “Background Sound Measurements,” p. 7.

Table 5. Summary of A-weighted Interior Sound Levels

Monitoring Site	Exterior “Turbine-only” Sound Level (L_{eq} , dBA)	Assumed Outdoor to Indoor Noise Reduction (dB)	Calculated Interior “Turbine-only” Sound Level (L_{eq} , dBA)	CPG Interior Sound Level Limit (L_{eq} , dBA)	Meets CPG Limit?
Site A	38	15	23	30	Yes
Site B	40	15	25	30	Yes
Site C	41*	15*	26*	30*	Yes*
*Results for Site C based on less than two hours of “turbine-on” data. See Section 4.2.4 for details.					

5. CONCLUSIONS

The fall 2018 monitoring program was conducted over a period of five weeks from October 22 until November 26. At Sites A and B, the minimum requirement of two hours of valid “turbine-on” data was substantially exceeded during 24 days of measurements. At Site C, however, despite conducting monitoring for the maximum duration of five weeks, less than one hour of valid “turbine-on data” was obtained. Although the Protocol’s minimum requirements for data collection were not fully satisfied at Site C, additional analysis of the measurement data provided a high level of confidence in the monitoring program’s findings, and CSA recommends that the results for Site C be accepted as meeting the Protocol’s requirements.

Based on the methodology provided in the Protocol, the measurement results at all three sites were analyzed with respect to the CPG’s standards for prominent discrete tones, A-weighted exterior sound levels, and A-weighted interior sound levels. The conclusions for each were as follows:

- *Prominent Discrete Tones:* The entire monitoring period at each measurement site was evaluated for prominent discrete tones in accordance with ANSI Standard S12.9-2005 Part 4, Annex C. No occurrences of prominent discrete tones associated with the Project were identified during the fall 2018 monitoring period.
- *A-weighted Exterior Sound Levels:* Using the methodology provided in the Protocol, exterior “turbine-only” sound levels were calculated from measured “turbine-on” and “turbine-off” sound levels. The CPG requires that project-related sound levels at any existing surrounding residences must not exceed 45 dBA (exterior) (L_{eq} , 1 hour). For the fall 2018 monitoring period, the computed “turbine-only” sound levels of 38 dBA at Site A, 40 dBA at Site B, and 41 dBA at Site C all complied with the CPG’s exterior sound level limit.
- *A-weighted Interior Sound Levels:* Interior “turbine-only” sound levels were calculated from measurements of exterior “turbine-on” and “turbine-off” sound levels and the assumption of a fixed OINR of 15 dB to the A-weighted exterior sound level. The CPG requires that project-related interior sound levels at any existing surrounding residences must not exceed 30 dBA (interior) (L_{eq} , 1 hour). For the fall 2018 monitoring period, the computed “turbine-only” sound levels of 23 dBA at Site A, 25 dBA at Site B, and 26 dBA at Site C all complied with the CPG’s interior sound level limit.

In summary, based the measurements and analysis described in this report and conducted in accordance with the Protocol, we conclude that the Deerfield Wind Project complies with all aspects of the CPG’s sound level limits for the fall 2018 monitoring program.

APPENDIX A – FINAL SOUND MONITORING PROTOCOL FOR DEERFIELD WIND



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Corrected 1.16.2018

FINAL SOUND MONITORING PROTOCOL FOR DEERFIELD WIND



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**FINAL SOUND MONITORING PROTOCOL FOR
DEERFIELD WIND**

**PREPARED FOR:
DEERFIELD WIND, LLC**

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1.0 INTRODUCTION

The Vermont Public Utility Commission (“PUC” or “Commission”) (formerly the Public Service Board) issued a revised Certificate of Public Good (CPG) for the Deerfield Wind Project (Docket #7250) (the “Project”) on July 17, 2009. As part of the CPG, post-construction sound monitoring is required to assure conformance with the Project’s CPG noise standards. The conditions of the CPG related to the monitoring condition are:

28. Deerfield shall construct and operate the Project so that the turbines emit no prominent discrete tones pursuant to ANSI standards at the receptor locations; and Project- related sound levels at any existing surrounding residences do not exceed 45 dBA(exterior)(Leq)(1 hr) or 30 dBA (interior bedrooms)(Leq)(1 hr).
29. In the event noise from operation of the Project exceeds the maximum allowable levels, Deerfield shall take all remedial steps necessary to bring the sound levels produced by the turbine(s) into compliance with allowable levels, including modification or cessation of turbine(s) operation.
30. Deerfield shall submit to the [Commission] for review and approval a noise monitoring plan to be implemented during the first full year of operation. The plan shall establish a monitoring program to confirm under a variety of seasonal and climactic conditions compliance with the maximum allowable sound levels described above.

This report describes a monitoring plan that meets the conditions of the CPG.



2.0 FIRST YEAR MONITORING PLAN

2.1 | MONITORING CONTRACTOR

A State of Vermont agency will select and supervise a contractor to conduct the sound monitoring, subject to the Commission's approval. The minimum qualifications shall be:

- Experience with short-term attended and long-term sound compliance monitoring at wind projects.
- Experience with cold-temperature sound monitoring.
- Experience with the methodologies outlined in this Protocol.
- Board Certification through the Institute of Noise Control Engineering.

Costs for the sound monitoring contractor shall be borne by Deerfield Wind LLC.

2.2 | DURATION AND FREQUENCY

Each of the two seasonal monitoring periods shall be a continuous period at least two weeks in duration, and meant to capture a variety of meteorological and seasonal conditions. Each monitoring period can be extended for up to 5 weeks in total if necessary to client sufficient valid data to determine Project-only sound levels.

In selecting the monitoring periods, the following shall be considered:

- Whether turbines will be out of service, the length of the outage, and whether the combination of the location of the turbines and length of outages would substantially affect the results of the sound monitoring.
- Whether forecasted heavy rains or storms comprise more than 50 percent of the first two-week period.
- Whether normal operations are expected to be affected by safety concerns, grid reliability, or other issues.

This Protocol acknowledges that many of these factors cannot be forecast in advance with certainty, and therefore the presence of these conditions during monitoring periods may occur despite the best efforts of Deerfield Wind and the sound monitoring consultant. Any departure from ideal monitoring conditions shall be noted in the report.

One period of monitoring will take place during each of spring, and fall, over the first year that the Project is commercially operating. The first year, for the purposes of this monitoring, shall be defined as the first year with two full spring and fall seasons. For example, if construction concludes at the end of spring, the first year will start at the beginning of that fall through the end of spring the next year.

2.3 | MICROPHONE LOCATIONS

Sound monitoring is proposed for three locations, representing unique soundscapes around the Project. As shown on Figure 1 below, Site A is representative of the closest homes along VT 9, and Sites B and C are representative of the closest homes along VT 8.

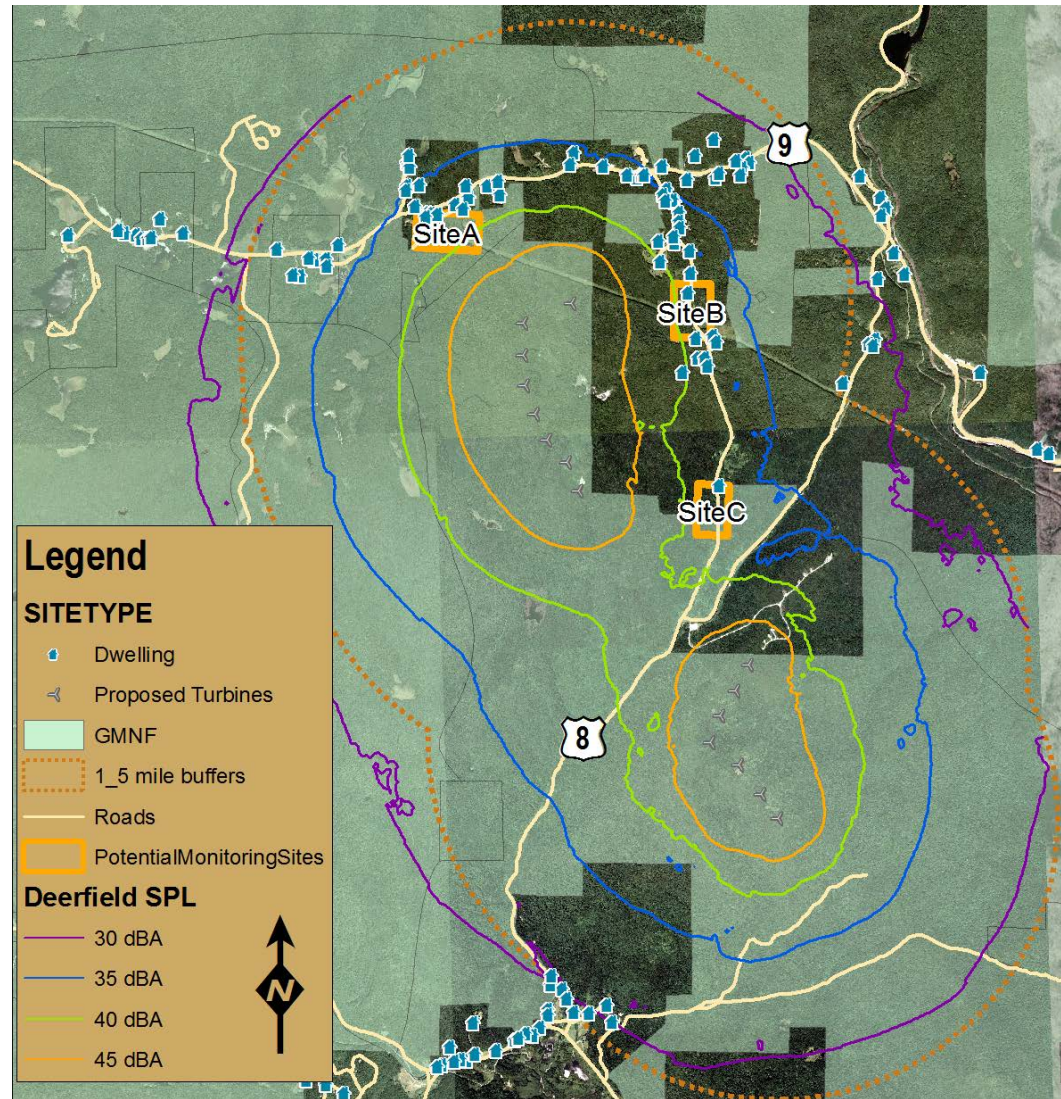


FIGURE 1: POTENTIAL POST-CONSTRUCTION SITES AND MODELED SOUND CONTOURS BASED ON AS-APPROVED FINAL DESIGN PLANS (SUBMITTED TO PUC ON 6/1/15)

- A) Site A is located south of Old Route 9, east of Bishop Hill Road, and south of VT Route 9 in Searsburg. This area is representative of sound impacts to the north of the Project, and would be as far off of VT 9 as practical. This is

similar in location to Site 2 from the pre-construction monitoring,¹ and is representative of the closest homes and highest sound impacts.

- B) Site B is located near the transmission line that crosses VT Route 8 approximately 1.3 km (0.8 miles) south of the VT 8/VT 9 intersection in Searsburg and west of VT Route 8, and extending north to 149 VT Route 8, just north of the transmission line. This is similar to Site 4 from the pre-construction monitoring, and is representative of the closest homes to the east of the project.
- C) Site C is located approximately 0.5 miles north of Sleepy Hollow Road on VT Route 8 in Searsburg, west of Route 8. This site is roughly equidistant between the Deerfield and Searsburg turbines. The Site includes the two closest homes to the north. This is similar to Site 5 from the pre-construction monitoring, and is representative of the highest combined noise impacts of Searsburg and Deerfield combined.

Monitoring sites are not proposed for the west or south, as there are no nearby homes in these directions, i.e., within a 1.5 mile radius. Beyond that distance, the modeled sound levels are generally less than 30 dBA, and thus do not present a reasonable likelihood of exceeding the CPG sound limit.

Where monitoring locations are near residential areas, to the extent permission is granted, monitors shall be set near individual homes closest to the Project at these locations. If permission is not granted, then alternative homes shall be contacted, or monitors will be placed in public rights-of-way that are representative of a home, at a similar or lesser distance from the Project.

To the extent possible, the sound monitors should be located away from roads to avoid background sound contamination. However, the setback distance from roads should still be representative of the closest home or homes.

Up to three additional monitoring locations may be selected in response to noise complaints made prior to the beginning of the last monitoring period, provided any such addition location is materially different than the locations already being monitored, and that it is within the 30 dBA (exterior) contour.

¹ RSG, "Revised Noise Impact Study for: Deerfield Wind Project, Searsburg/ Readsboro, VT," November 2007 (Exhibit DFLD-KK-4)

Final monitoring locations will be selected by the sound monitoring consultant. When the sites have been selected and the consultant has conveyed them to Deerfield Wind, Deerfield Wind shall file a map with the Commission showing these monitoring, turbine, and met tower locations.

2.4 | LOGISTICS

The location of the microphones shall be chosen on site and based on the following list of site condition priorities:

- 1) Microphones shall be located at least 7.5 m from any surface where reflections may influence the measured sound pressure levels. Microphones shall be placed in a location to avoid potential noise contamination from sources such as flowing water, wind chimes, air conditioners, noises from homes, etc.
- 2) Microphones shall be placed at a height approximately 4 to 5 feet above grade.
- 3) Microphones shall not be placed such that any structure blocks the line of sight between the microphone and wind turbines (if otherwise visible).
- 4) The Contractor will make every reasonable effort to site microphones in a manner that will maximize the probability of capturing the maximum noise levels at each monitoring location, taking into account all relevant factors such as minimizing line-of-sight obstructions between microphones and the Project, and maximizing the number of turbines in line-of-sight of the microphones at each monitoring location.
- 5) Appropriate wind screens should be used. For long-term monitoring in windy conditions, seven-inch hydrophobic wind screens or equivalent should be used.

In some cases, these limitations may mean that the best monitoring location for a specific residence may be several hundred feet away from the primary residential structure. Every effort shall be made to ensure that locations selected are representative of the noise exposure at subject homes.

Sites will include meteorological instrumentation logging data in no more than 10-minute increments, which can include one or more of the following:

- Anemometer (all sites)
- Wind vane (one site)
- Temperature sensor (one site)
- Rain sensor (one site)

All sound level meters will meet IEC Type 1 or better specifications for accuracy, and will be calibrated before and after each measurement period. All monitors will collect 1/3 octave band data from 20 Hz to 10 kHz at one-second logging intervals and audio recordings where permission is granted by the property owner. To protect the privacy of neighbors, audio



recordings shall be released to the PUC upon request and only under a confidentiality agreement or with permission of the homeowner. In all cases, the user of the audio may not disclose the content of private conversations that may have been inadvertently captured.

2.5 | OUTSIDE TO INSIDE TEST

Sound tests of turbine operations will be limited to exterior measurements. This is because the 30 dB interior limit established by the PUC is sufficiently low that the sound test is easily contaminated by normal activities that occur indoors. In addition, frequent sound monitoring inside a bedroom is intrusive. To minimize the impact to residents, interior sound levels will be calculated based on a fixed 15 dBA reduction. However, the homeowner will be given the option to allow for testing to be conducted to determine the actual outside to inside noise reduction (OINR) of the house, if that home meets the following criteria:

- 1) The preconstruction sound model shows Deerfield Project sound levels of 40 dBA or higher at that location; or
- 2) Sound monitoring (post-construction) shows Deerfield Project sound levels of 40 dBA(Leq)(1 hr) or higher at that location.

Deerfield Wind shall offer OINR testing to homeowners who meet Criterion 1 at the outset of commercial operations, and to homeowners who meet Criterion 2 based upon the first year of post-construction monitoring.

An OINR test is used to establish the noise reduction from the outside to the inside of a house. The test will be conducted in accordance with ASTM Standard E966-10, *Standard Guide for Field Measurement of Airborne Sound Insulation of Building Facades and Façade Elements (2010)*.² Any deviations from the standard necessitated by field conditions will be detailed in the report. The OINR test will be limited to a single fully-furnished occupied bedroom facing the Project at each home.

If a homeowner who meets one of these criteria initially declines OINR testing, an attenuation of 15 dBA will be assumed. However, if a homeowner who initially declined OINR testing subsequently files a complaint, that homeowner shall again be offered OINR testing at Deerfield's expense.

Tests will be conducted if permission is granted by the homeowner, with windows closed, one quarter open, and fully open. The sound monitoring consultant should ask the

² The E966 standard is copyrighted. For those who wish to review the standard, but not purchase it, one can be made available for review at RSG offices.

complainant about their window opening patterns throughout the year, and should use the complainant's response as the basis for the window-position assumption.

2.6 | BACKGROUND SOUND MEASUREMENTS

To accurately measure the sound level of the wind turbines, background sound levels must be excluded. This will be accomplished by turning off wind turbines at regular intervals. Turning off wind turbines allows a direct comparison between periods with and without turbines operating.

During the measurement program, the turbines will be shut down for 20 minutes at a time no less once per night (10 pm to 7 am) where hub height wind speeds are at 6 m/s or above, in order to ensure that the turbines would be operating at or near their maximum sound output before and after each shutdown (assuming the wind conditions remain relatively constant over that period). It is understood that wind speeds may change considerably around the shutdown times and may not be consistently high among all turbines. A greater number of turbine shutdowns may occur, with turbine shutdowns to occur as needed in order to collect sufficient turbine-off data needed to accurately determine background sound levels.

Individual contaminating events may be manually filtered or otherwise removed from the data set. These events include, but are not limited to traffic passbys, insects, property maintenance, gunshots, land clearing, voices, etc. This is described further in Section 3. Insects and birds may also be filtered by subtracting out sound at and above 1.6 kHz (a.k.a., “Ai” weighting).

The sound engineer conducting the testing may modify the background sound methodology for good cause. If such modification is made, a description of the good cause and the modifications that were made shall be included in the sound monitoring report.

2.7 | ATTENDED MEASUREMENT

For one hour before or after at least one turbine shutdown event, attended monitoring will take place at each monitoring location. Attendants will make time-stamped notes as to what they hear and the relative loudness of those sounds, including but not limited to wind turbine sound, wind, anthropogenic, and biogenic sounds.



3.0 DATA PROCESSING

Data during some periods will be removed from the results. These include periods when:

- Wind speeds (average or gusts) at a monitoring site are above 4 to 5 m/s – Winds above 5 m/s create a large amount of false noise generated from pressure fluctuations around the microphone. Data for wind speeds between 4 and 5 m/s (or below, as needed) should be carefully reviewed to identify any wind contamination that creates pseudo-noise or wind-induced noise that is sufficient to mask wind turbine sound prior to its inclusion in the filtered data set.
- The temperature is below 14°F – The ANSI S1.4 standard, “Specification for Sound Level Meters,” does not require the provision of temperature corrections below -10°C (14°F) and above 50°C (122°F). As such most sound level meters are not calibrated outside this range. If sound level meters are certified for use below 14°F, this restriction will not apply.
- Rain is present – Rain, sleet, ice, or similar events that drop precipitation onto the microphone windscreen create false noise. Snow events will not be excluded because they do not create false noise.
- Spikes are present that are not consistent with wind turbine operation. Note that this screening is only required for sound levels over 40 dBA, as manual filtering can be time-intensive. Periods that were screened should be identified in the report.

Certain background sounds such as insects and birds can be filtered by employing a low pass filter without affecting the sound monitored from the wind turbines. If these types of sources are found, a low-pass filter may be used, consistent with that described in “Proposed ‘Ai’-weighting; A weighting to remove insect noise from A-weighted field measurements”, Paul D. Schomer, Ian M. Slauch, and George F. Hessler, *InterNoise Proceedings*, Volume 221, pp. 3991-4000 (2010).

Events over 40 dBA (i.e., 5 dBA lower than the CPG exterior noise limit) where the hub height wind speed is sufficient to generate within 1 dB of the maximum sound power (over a reasonable period of time and number of turbines), and the wind direction is not upwind of the nearest turbines shall be investigated by listening to the audio tape or reviewing the spectrogram of the event and determining if the cause is wind turbine noise. If the exceedance is due to a background event, then it shall be eliminated. Events not meeting these criteria may still be investigated on a case by cases basis – for example, to compare modeled to monitored sound levels at a particular location.

Any substantial change in wind speed (or other background sound conditions) between the background and turbine-on monitoring periods shall be evaluated to assess its effect on the calculation of turbine-only sound level. Corrections may be applied as appropriate.

Where background sound levels are within 3 dB of the adjacent measured Turbine-on sound levels, the background and Turbine-on periods will be excluded from further processing

The Turbine-only sound level for the monitoring period will be determined by logarithmically subtracting the energy-averaged background sound level for all remaining measurement periods from the energy-averaged measured Turbine-On sound levels for all remaining measurement periods. This value will be used to compare to the appropriate CPG limits.

For the purposes of compliance with the 45 dBA exterior and 30 dBA interior standards, and other thresholds described in this protocol, all results will be rounded to the nearest whole integer.

At least two valid hours of Turbine-On data will be needed to determine compliance. Note that if five weeks of data monitoring are completed before two hours of valid data are collected, the monitoring period will be concluded, and the available valid periods will be used for compliance determination.

Tonal sounds will be assessed using the criteria of ANSI S12.9 Part 4 Annex C using 1/3 octave band for each rolling measured Turbine-On $L_{eq(1-hour)}$. Rolling periods will be incremented every 10 minutes. If tonal periods are found, then background sound levels can be removed or other methods employed to determine whether the tonality is due to the operation of the Project.

The sound monitoring report will include a description of each reason why data has been removed from monitoring results. The removed data will be retained by the sound monitoring consultant and provided to the Commission.

4.0 REPORTS

A report shall be prepared by the sound monitoring consultant for each monitoring season. Each monitoring report shall include:

- A description of any changes in Project operation made since the last report, special operating conditions, or turbine maintenance issues found during the test procedure.
- Layout of the project area, including topography, project boundary lines for the project and property lines delineating properties surrounding the project site.
- Locations of the sound measurement points with photographs and GPS coordinates of the microphones.
- Distance between any sound measurement point and the nearest wind turbine.
- A summary of all data collected, including sound levels, meteorological data at the monitoring stations, and turbine operating conditions.
- Times of potential exceedances of the outdoor, indoor, or tonal standard, and the results of investigations into those exceedances.
- Conclusions.
- An appendix containing 10-minute data for each turbine including wind speed, and electrical output.

If cold-weather-certified sound monitors are not used, then for the winter season, a report addendum will be prepared which includes sound levels during periods when the temperature is below 14°F. The sound monitoring consultant may include in its reports any information that it believes suggests that the sound level meters are not producing accurate data during times when the temperature falls below 14°F.

Reports shall be submitted to the PUC and the docket parties within six weeks of the end of each monitoring period. Any confidential information (i.e., audio files near residences) will be provided only after executing an appropriate protective agreement. If audio files are provided without a protective agreement, then private conversations will be redacted prior to release. The public versions of the reports (i.e. without such confidential information) will also be provided to the Forest Service.

If it is found that the Project sound level at any existing permanent structure for human habitation is above the allowable limit, Deerfield Wind shall take all remedial steps necessary to bring the sound levels produced by the turbine(s) into compliance with allowable levels, as required by the CPG. Such steps may include engineered solutions, operational changes or adjustments, or legal agreements, as applicable.

5.0 COMPLAINT RESOLUTION

The following complaint resolution procedure will assure that concerns by neighbors regarding wind turbine noise are addressed in a timely manner while, at the same time, preventing abuse of the complaint process. The complaint resolution procedure shall be as follows:

- 1) The complaint process shall be in place for the life of the Project.
- 2) Complaint phone numbers and contact persons for both Deerfield Wind and the Department of Public Service (“DPS”) shall be provided to the Town Clerks and Selectboards of Searsburg and Readsboro, and neighbors within the 30 dBA contour line of Figure 1 existing at the time of the issuance of the CPG.

Complaints may be made to Deerfield Wind by calling (866) 318-9858 or by sending a written complaint to the Deerfield Wind Project, 37 Putnam Road, Searsburg, VT 05363.

Complaints may also be made to the DPS Consumer Affairs and Public Information Division (“CAPI”) under its CPG Complaint Protocol by the following means:

VT Department of Public Service, CAPI Division
112 State Street
Montpelier, VT 05620-2601

E-mail: psd.consumer@vermont.gov

Consumer Hotline: (800) 622-4496

TTY: (800) 734-8390

Fax: (802) 828-2342

Web: <http://publicservice.vermont.gov/cpg-complaint-protocol>

- 3) Deerfield Wind will provide an initial acknowledgment to complaints within two business days of it being notified of the complaint.
- 4) Complainants who contact Deerfield Wind will be asked to provide the following information related to the complaint:
 - a. Location of the observed sound
 - b. Time(s) and date the sound occurred
 - c. Weather conditions (snow cover, cloud cover, wind direction and relative speed, etc.)
 - d. Description of the sound
- 5) Deerfield Wind may ask complainants to log sound events to help identify factors that affect the sound.
- 6) Deerfield Wind shall record the complainant information, and weather, turbine operating status, and power output during the time of the complaint. The Forest Service, PUC, and DPS will be informed of complaints along with these data.



- 7) If the complaint concerns an unidentified icing condition or mechanical problem, Deerfield will investigate as needed and take appropriate action if warranted. Once it is determined that either no aberrational condition exists or the condition is fixed, Deerfield will notify the complainant with a description of Deerfield's findings. Otherwise, no further complaint resolution steps need be taken. Deerfield will maintain files concerning such complaints and make these available to the PUC or DPS upon request.
- 8) Deerfield Wind will investigate as described below if the complaint represents permanent structure for human habitation existing at the time of the CPG issuance and within the 30 dBA contour shown on Figure 1.
- 9) Sound monitoring may be conducted in response to a complaint within the 30 dB contour if the sound level is within 5 dB of the exterior sound limit, based on sound modeling or upon order of the Commission in response to a complaint.
- 10) Sound monitoring may also be conducted if first-year or any subsequent Commission-ordered compliance monitoring during normal operating conditions (defined below) showed that a monitoring location within one mile of the complainant's home showed higher sound levels (with contaminating events filtered out) than what was modeled, to the extent that if this adjustment were applied to the complainant's home, the sound level would be within 5 dB of the exterior limit. For example, if sound monitoring at Location A showed that the maximum sound level is 39 dBA compared to modeling at that location of 38 dBA, then 1 dB would be added to the modeled sound levels of all other homes within a mile of Location A. If that adjustment raises the modeled sound level of a complainant's home over 40 dBA, then that complainant may be offered sound testing at the expense of Deerfield Wind.

Normal operating conditions would not include temporary maintenance issues, short term abnormal turbine operations, or other correctable or corrected conditions at the Project. If such abnormal conditions are the cause of the noise complaint, noise monitoring shall not be required. Deerfield Wind will make any necessary corrections to the Project as soon as feasible and shall communicate the situation to the complainant, Forest Service, PUC, and DPS.

- 11) If Deerfield Wind's sound consultant determines that follow-up sound monitoring is warranted under either Section 8 or 9 above, Deerfield Wind will notify the DPS in writing. The State of Vermont shall contract for and supervise the sound monitoring consultant. The State's sound monitoring shall begin as soon as possible, but no later than six weeks thereafter. All reasonable efforts shall be made to conduct such monitoring under conditions similar to those existing at the time the complaint arose.
- 12) The sound monitoring consultant shall work with the complainant to determine an appropriate location for the monitoring equipment.
- 13) Sound monitoring will follow the applicable protocols from Sections 2.4, 2.6, 3.0, and 4.0, above. Note that the responding noise control engineer may revise aspects of this Protocol to address specific conditions and limitations. For example, if the complaint occurs to the north of the Project along VT 9, then the noise control

engineer can limit the turbine shutdown to the western array as the eastern array would not materially affect the overall sound levels in that area. The basis for any deviations from this Protocol shall be described and substantiated in the test report.

- 14) The primary method for determining the attenuation value of a complainant home shall be OINR testing. OINR testing will be offered to complainants at Deerfield Wind's expense if the conditions for sound monitoring in Item 9, above, are met. The monitored exterior sound level will be converted to an interior level based on the ASTM E966 test result at the home. If permission is not granted for outside-to-inside testing, the attenuation value will be 15 dBA.
- 15) Because of the complexity of complaint resolution, full cooperation of the complainant and the adherence to the above test procedures is necessary.
- 16) The results of the monitoring shall be contained in a report that is submitted to the complainant, Deerfield Wind, the Department of Public Service, Forest Service, and the PUC. This report will contain specific information collected during the complaint monitoring, including wind speed and direction, operational status of the turbines, sound levels, and the raw sound level data collected by the noise control engineer conducting the tests. Allegedly confidential information will be treated the same as in Section 4 of this protocol.
- 17) If no exceedance is found at a location, including during the first-year monitoring, the location would be exempt from additional sound monitoring for five years.
- 18) Nothing in this Protocol would prevent Deerfield Wind from appealing to the PUC from relief in the cases of alleged frivolous, harassing, or repeated unsubstantiated complaints.

If it is found that the Project sound level at the complainant residence is above the allowable limit, Deerfield Wind shall take all remedial steps necessary to bring the sound levels produced by the turbine(s) into compliance with allowable levels, as required by the CPG. Such steps may include, but are not limited to, engineered solutions, operational changes or adjustments, including partial, temporary, or permanent shutdowns or noise-reduced operating modes, or legal agreements, as applicable.



APPENDIX B – FALL 2018 MEASUREMENT PLAN



TECHNICAL MEMORANDUM

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Prepared by: Douglas Barrett, Cross-Spectrum Acoustics Inc.

Subject: Noise Monitoring Plan for Deerfield Wind Project – FINAL -- Revised

Reference: CSA Project No. J2018-1170

Date: October 17, 2018

Cross-Spectrum Acoustics Inc. (CSA) has been retained by the Vermont Department of Public Service (DPS) to provide sound monitoring expert services in relation to compliance testing for the Deerfield Wind Project located in Searsburg and Readsboro, VT. Two periods of noise monitoring, one during the fall of 2018 and one during the spring of 2019, are to be performed in accordance with the “Final Sound Monitoring Protocol for Deerfield Wind”¹ (Protocol). This memorandum provides the detailed plan to conduct the fall 2018 measurements.

1. OVERVIEW OF MONITORING REQUIREMENTS

This section provides an overview of the monitoring requirements as provided in the Protocol. *Please note that this is intended only to provide an overview of the monitoring program and that the Protocol should be consulted to obtain all relevant information.*

1.1. Monitoring Periods: Each of the two monitoring periods shall be a continuous period at least two weeks in duration, but may be extended for up to five weeks if necessary to obtain sufficient data. In selecting the monitoring period, consideration shall be given to whether:

- Turbines will be out of service, length of outage, and whether the locations of turbines and length of outages would “substantially affect the results of the sound monitoring.”
- Forecasted heavy rains or storms comprise more than 50% of the two-week period.
- Normal operations are expected to be affected by safety concerns, grid reliability, or other issues. (Protocol, Section 2.2)

¹ “Final Sound Monitoring Protocol for Deerfield Wind,” prepared for: Deerfield Wind, LLC, prepared by: RSG, January 16, 2018.

1.2. Monitoring Locations: Sound monitoring is proposed for three locations, as described in the Protocol. Section 2 of this monitoring plan provides further information on specific sites. (Protocol, Section 2.3)

1.3 Outside to Inside Noise Reduction Testing: Outside to inside noise reduction (OINR) testing of houses may be requested by homeowners if that home meets the following criteria:

- The preconstruction sound model shows Deerfield Project sound levels of 40 dBA or higher at that location; or
- Sound monitoring (post-construction) shows Deerfield Project sound levels of 40 dBA (Leq) (1 hr) or higher at that location. (Protocol, Section 2.5)

1.4 Background Sound Measurements: Background sound levels will be excluded by turning off wind turbines at regular intervals, thus allowing a direct comparison between periods with and without turbines operating. To accomplish this, turbines will be shut down for 20 minutes at a times no less than once per night (10 pm to 7 am) where hub height speeds are at 6 m/s or above. A greater number of turbine shutdowns may occur, with shutdowns to occur as needed to collect sufficient turbine-off data. (Protocol, Section 2.6)

1.5 Attended Measurement: For one hour before or after at least one turbine shutdown event, attended monitoring will take place at each monitoring location. Attendants will make time-stamped notes regarding what they hear and the relative loudness of those sounds. (Protocol, Section 2.7)

2. MONITORING SITES

2.1 Proposed Sites: Section 2.3 of the Protocol describes the three proposed sound monitoring sites. “Revised Noise Impact Study for Deerfield Wind Project”² (Noise Study) provides further details on the monitoring sites used during the preconstruction noise measurements. As described in the Protocol:

- Site A is located south of Old Route 9, east of Bishop Hill Road, and south of VT Route 9 in Searsburg. This site is similar in location to Site 2 from the preconstruction monitoring.
- Site B is located near the transmission line that crosses VT Route 8 approximately 1.3 km (0.8 miles) south of the VT 8/VT 9 intersection in Searsburg and west of VT Route 8. This site is similar to Site 4 from the preconstruction noise monitoring.
- Site C is located approximately 0.5 miles north of Sleepy Hollow Road on VT Route 8 in Searsburg, west of Route 8. This site is similar to Site 5 from the preconstruction monitoring.

2.2 Alternative Sites: Section 2.3 of the Protocol states “where monitoring locations are near residential areas, to the extent permission is granted, monitors shall be set near individual homes closest to the Project at these locations. If permission is not granted, then alternative homes shall be

² “Revised Noise Impact Study for: Deerfield Wind Project, Searsburg/Readsboro, Vermont,” prepared for: Deerfield Wind, LLC, prepared by: RSG, November 28, 2007.

contacted, or monitors will be placed in public rights-of-way that are representative of a home, at a similar or lesser distance from the Project.”

2.3 Final Site Selection: Final monitoring sites are to be selected by the monitoring consultant (CSA). When the sites have been selected, the consultant must convey them to Deerfield Wind, and Deerfield Wind will file a map with the Commission showing monitoring, turbine, and meteorological tower locations. (Protocol, Section 2.3)

The attached technical memorandum “Final Monitoring Sites for Deerfield Wind Project -- Revised” (dated October 17, 2018) provides the final locations of the monitoring sites expected to be used for the measurements.

3. MONITORING EQUIPMENT

3.1 Required Equipment: The following instrumentation is required for the monitoring program:

- Three sound level meters (IEC Type I or better) with seven-inch hydrophobic windscreens. CSA expects to service the sound level meters every two days; therefore, each meter must have battery capability to run for at least two days and memory capability for continuous audio recording and one-second logging of 1/3 OB data. CSA’s NTi XL2 sound level meters will meet these requirements.
- Three complete battery sets for each sound level meter (nine total). This will allow for one battery set in use plus a replacement set in E. Longmeadow and a replacement set in Keene for each meter.
- Meteorological monitoring equipment: three anemometers, one wind vane, one temperature sensor, one rain sensor. Equipment must be battery-powered and capable of storing 10-minute interval data.
- Six tripods to support microphones and anemometers four to five feet above ground level.
- Three laptops or other means for time-stamping observations during attended monitoring.

3.2 Equipment Preparation: The sound level meters and meteorological instrumentation will be programmed and otherwise prepared for field use in CSA’s E. Longmeadow office the week before the measurements are to begin (week of October 8).

4. FIELDWORK

4.1 Prior to starting measurements:

- D. Barrett, in coordination with H. Singleton, will conduct the initial site survey, finalize candidate measurement sites, and start the process to obtain permissions.
- Prior to starting measurements, coordination with Deerfield Wind will be required regarding:
 - Site access
 - Development and submittal of the measurement site map (as described in Section 2.3 of the Protocol)
 - Coordination of nightly 20-minute shut-down periods

- Ensuring that turbine data (10-minute data for each wind turbine, including wind speed and electrical output) are saved during the measurement period.
- For audio recordings, CSA must obtain permission from property owners prior to starting measurements.
- H. Singleton and J. Montoya will program and prepare the instrumentation in CSA's E. Longmeadow office.

4.2 During measurements:

- J. Montoya and D. Barrett will meet at the project site and perform initial on-site deployment of equipment. J. Montoya will transport equipment from E. Longmeadow.
- After the initial set-up, either J. Montoya or D. Barrett will visit the project site every two days to service the equipment (i.e. download data and replace batteries).
- One night during the measurement period, J. Montoya and H. Singleton will make an additional trip from E. Longmeadow for attended monitoring. This monitoring session will coincide with one of D. Barrett's scheduled site visits. The exact date will be determined, in part, by weather.
- During the monitoring period, CSA will screen data after each download (according to Section 3.0 of the Protocol) until it is confirmed that at least two hours of good "turbine-on" data have been recorded at each site. J. Suits will be on-call to do this during the monitoring period in coordination with D. Barrett and H. Singleton. Note that measurements may continue for up to five weeks if sufficient data have not been obtained.
- At the conclusion of monitoring, J. Montoya and D. Barrett will meet at the project site and collect the equipment.

5. PROPOSED SCHEDULE

- Conduct site visit, select sites week of September 24 (D. Barrett).
- Prepare and program equipment week of October 8 (H. Singleton and J. Montoya).
- Deploy equipment week of October 22 (aim for Monday, October 22, weather permitting) (J. Montoya and D. Barrett).
- Conduct attended monitoring week of October 29 (pick specific night depending on weather) (H. Singleton, J. Montoya, and D. Barrett).
- If all goes according to schedule, collect equipment on November 5 (J. Montoya and D. Barrett).



TECHNICAL MEMORANDUM

Prepared for: Rob Batarags, Matt Becker, Melissa Fisher
Avangrid
Prepared by: Douglas Barrett, Cross-Spectrum Acoustics Inc.
Subject: Final Monitoring Sites for Deerfield Wind Project -- Revised
Reference: CSA Project No. J2018-1170
Date: October 17, 2018

On October 1, 2018 and October 16, 2018, Cross-Spectrum Acoustics (CSA) conducted site visits to the project site in Searsburg, VT. The purpose of the site visits was to field check the candidate sites included in our memorandum of September 26, 2018 ("Candidate Monitoring Sites for Deerfield Wind Project") and to select the three final sites to be used in both the fall 2018 and spring 2019 monitoring periods.

The three final sites were selected based upon the guidance in the "Final Sound Monitoring Protocol for Deerfield Wind"¹ (Protocol); conditions on the ground, including distance from local noise sources such as roads and accessibility; and the ability to gain permission from property owners. For each site, Table 1 provides a general description of the location, the approximate latitude and longitude of the site, the property owner, and other relevant notes. CSA has contacted each property owner and has been granted permission to conduct noise monitoring at the proposed location.

Figure 1 provides an overview map showing the general location of each site. Figures 2, 3, and 4 show the specific proposed location of each site. Although it is CSA's intention to install the monitoring equipment as close to the locations shown as possible, conditions on the ground at the time of deployment may require minor modifications.

Table 1. Final Monitoring Sites

Monitoring Site	Location	Lat./Long.	Owner	Notes
Site A	South of Old Route 9 and VT Route 9	42.890904 -73.000301	James Bartleson	House shown in aerial imagery no longer present
Site B	197 VT Route 8	42.88178 -72.97244	Gerry DeGray	Clearing to south side of house and driveway
Site C	343 VT Route 8	42.87274 -72.97124	Tom Shea	Edge of graded area south of barn

¹ "Final Sound Monitoring Protocol for Deerfield Wind," prepared for: Deerfield Wind, LLC, prepared by: RSG, January 16, 2018.



Figure 1. General Location, All Monitoring Sites (Basemap: Google 2018)

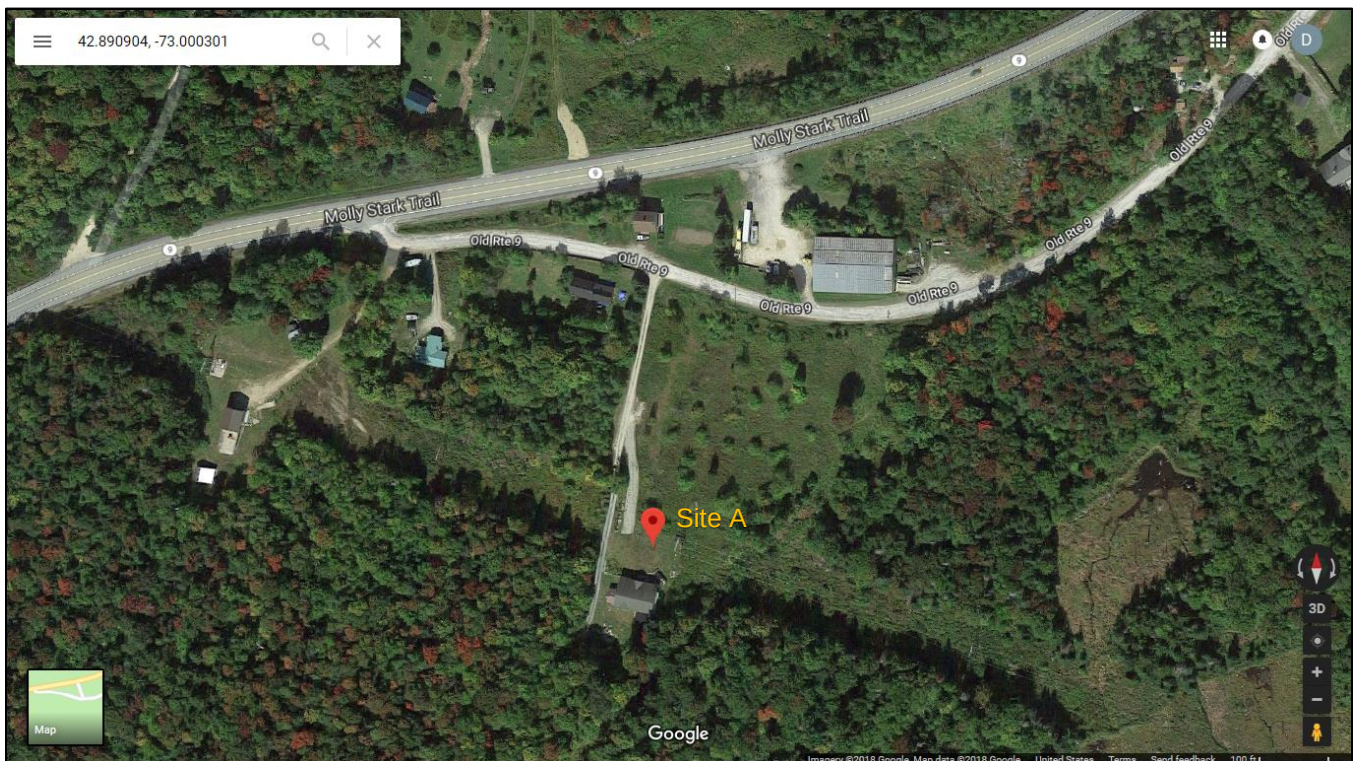


Figure 2. Site A Location Map (Basemap: Google 2018)

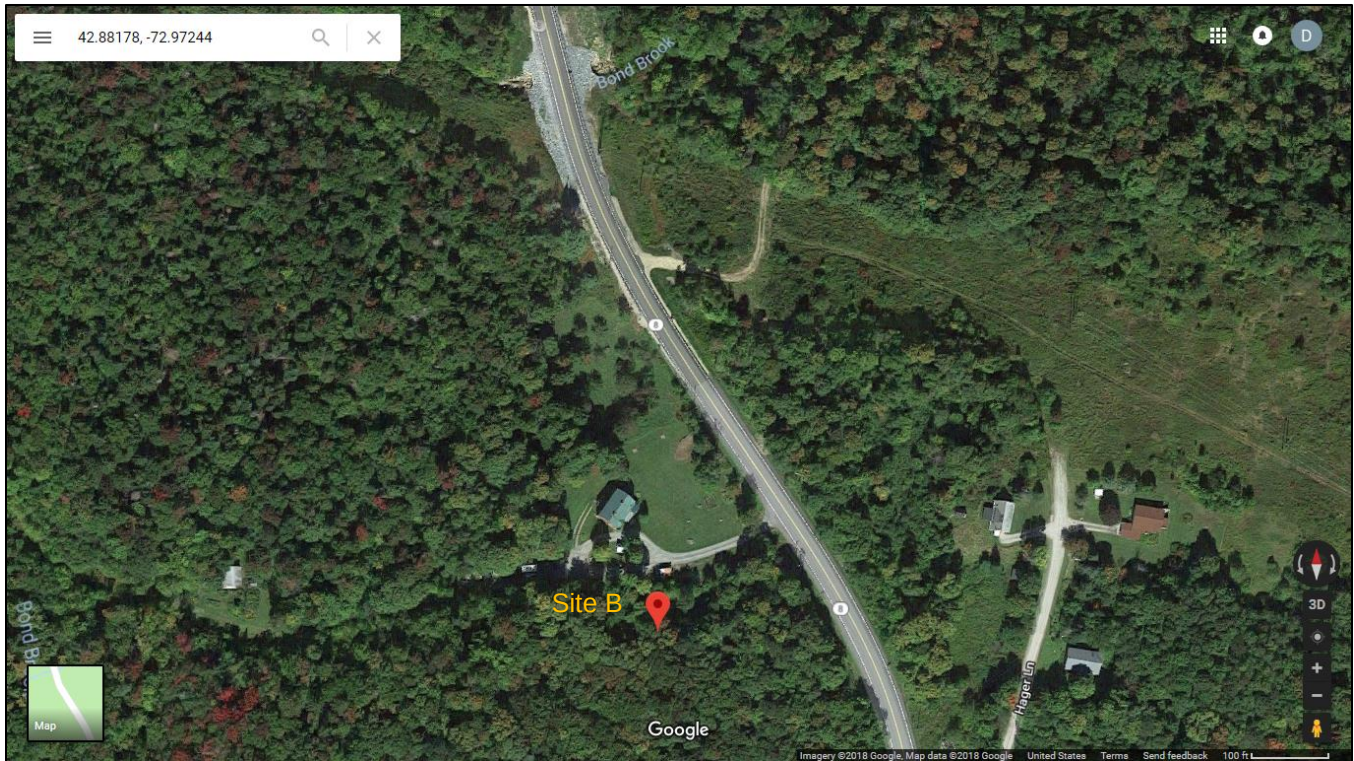


Figure 3. Site B Location Map (Basemap: Google 2018)

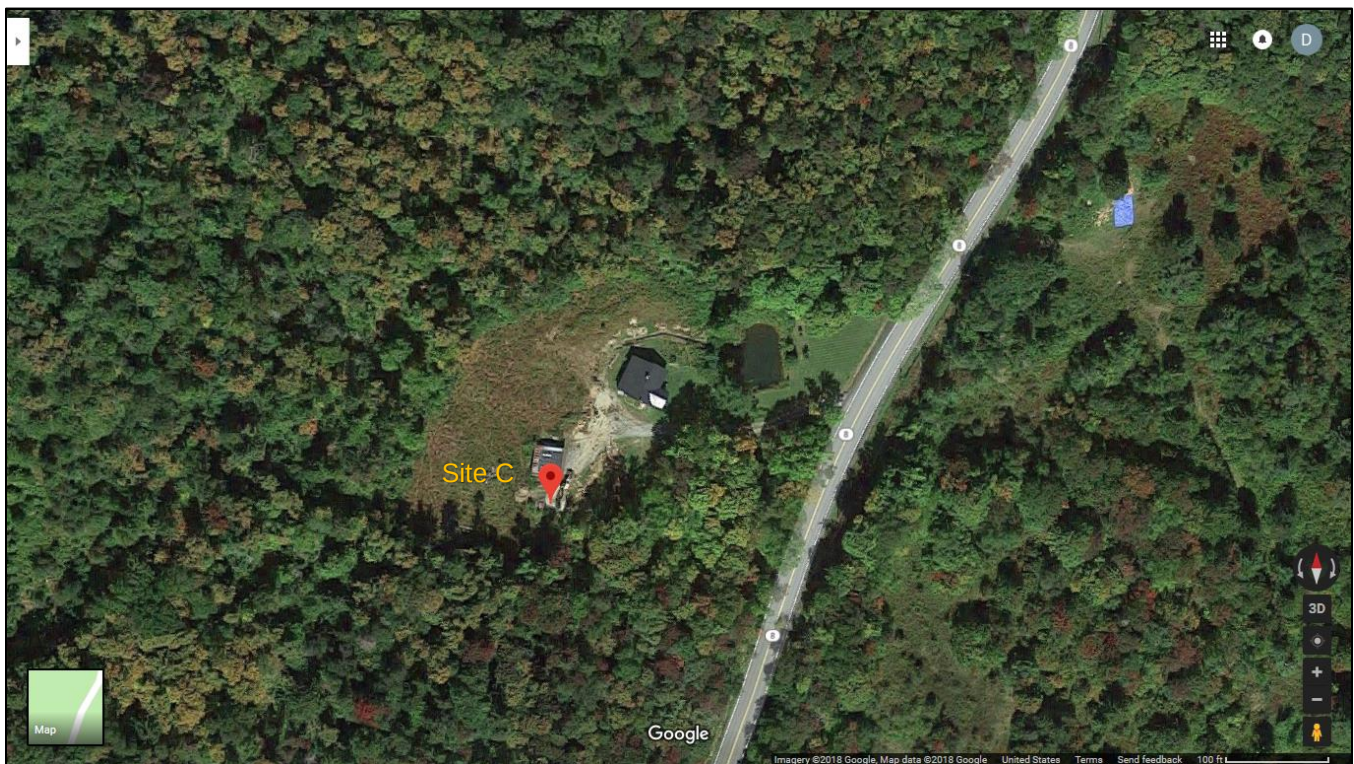


Figure 4. Site C Location Map (Basemap: Google 2018)

APPENDIX C – FIELD DATA SHEETS

This appendix provides the field data sheets, including site sketches, for each of the three monitoring sites.

Project #: J2018-1170 Project: Deerfield Wind
 Site #: A Site Address: OLD RT. 9
 Field Staff: DEB/TJM
 Date: _____ Kit: WHITE Filename: _____
 Start Date: 10/22/18 Start Time: 11:12 AM
 End Date: 11/15/18 End Time: 12:37 PM
 Start Cal: _____ End Cal: _____

Weather: _____

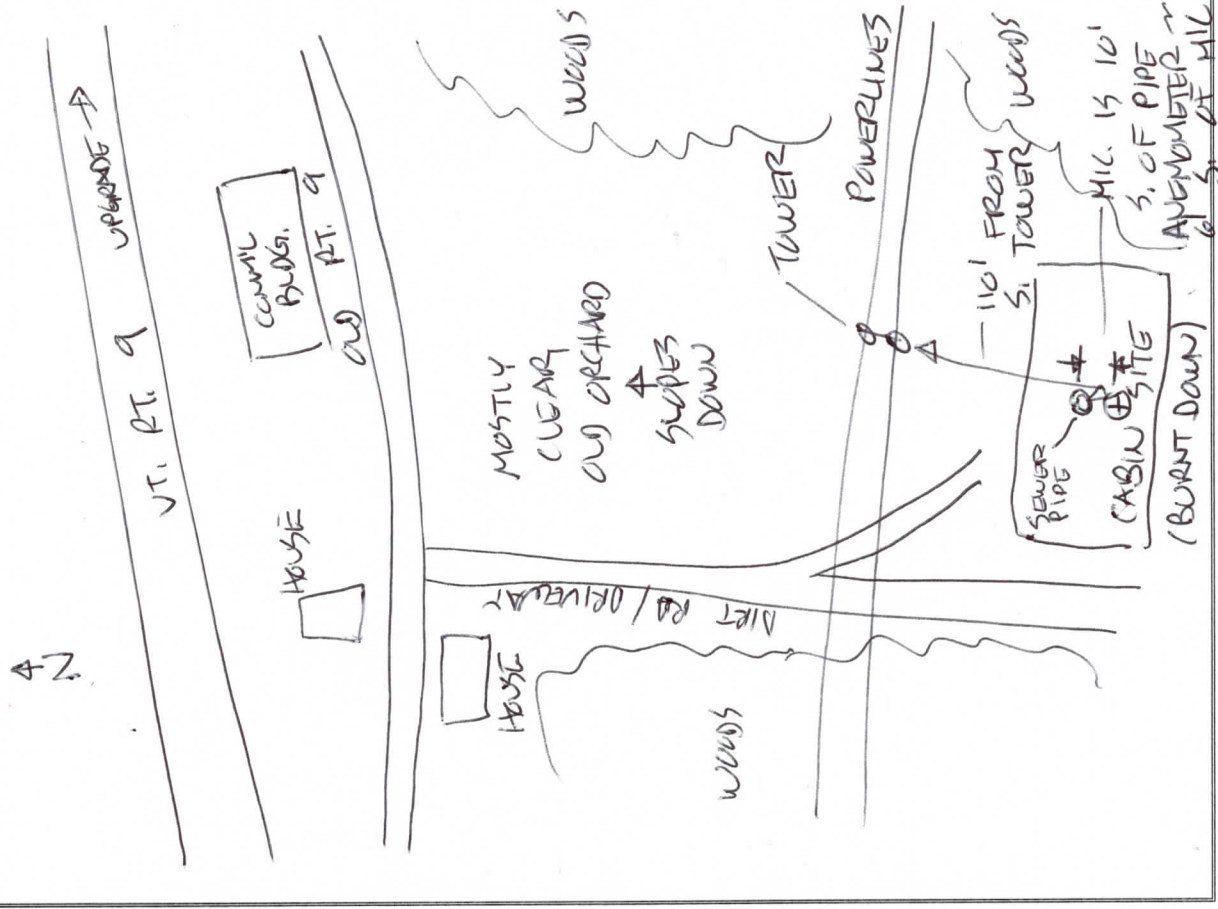
Sources: TRAFFIC ON VT. RT. 9, DEERFIELD TURBINES
 AIRCRAFT OVERTIGHTS, NATURAL SOURCES
 INCLUDING WIND

Notes: _____

CLEAR LOS TO VT. RT. 9
 APPROX. 600' TO NORTH

CLOSEST TURBINES OBSERVED BY
 TREES, BUT VISIBLE FROM
 POWERLINE ROW

Site Sketch:



Project #: J2018-1170 Project: Deerfield Wind
 Site #: B Site Address: 197 VT. RT. 8
 Field Staff: DEB/HCM
 Date: _____ Kit: BLUE Filename: _____

Start Date: 6/22/18 Start Time: 12:05 PM
 End Date: 11/15/18 End Time: 1:06 PM
 Start Cal: _____ End Cal: _____

Weather: _____

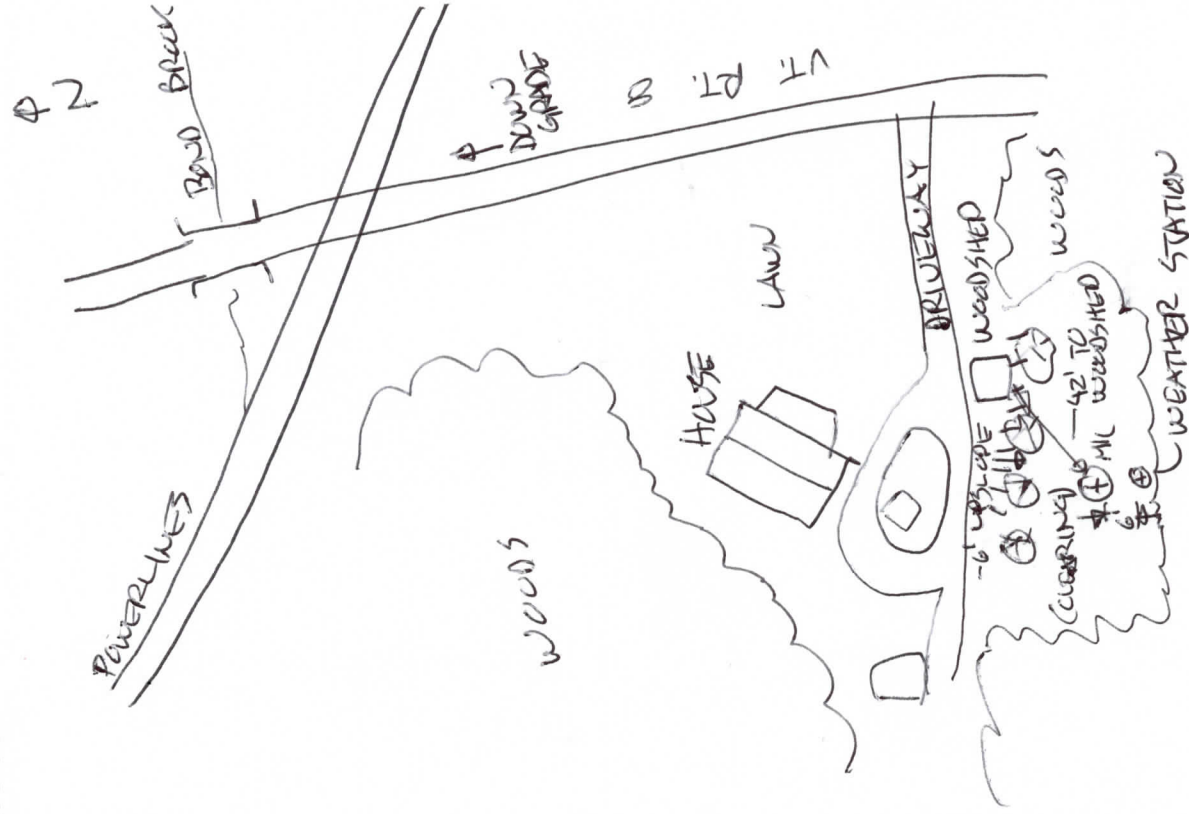
Sources: TRAFFIC ON VT. RT. 8, DEERFIELD
 TURBINES, HAUSGARTH ACTIVITIES & VEHICLES,
 AIRCRAFT OVERFLIGHTS, WIND IN TREES

Notes:

CLEAR LOS ACROSS LAWN TO
 VT. RT. 8 APPROX 175' AWAY,
 LOS BLOCKED AS VEHICLES APPROACH
 FROM S., BUT AUDIBLE TO N. ACROSS
 BRIDGE
 CLOSEST TURBINES VISIBLE FROM
 DRIVEWAY

→ WEATHER STATION W/ THROUGH 11/26/18

Site Sketch:



Project #: J2018-1170 Project: Deerfield Wind
 Site #: C Site Address: 343 VT. RT. 8
 Field Staff: OEB JCM
 Date: _____ Kit: GREEN* Filename: _____

Start Date: 10/22/18 Start Time: 12:53 PM
 End Date: 11/26/18 End Time: 11:50 PM
 Start Cal: _____ End Cal: _____

Weather: _____

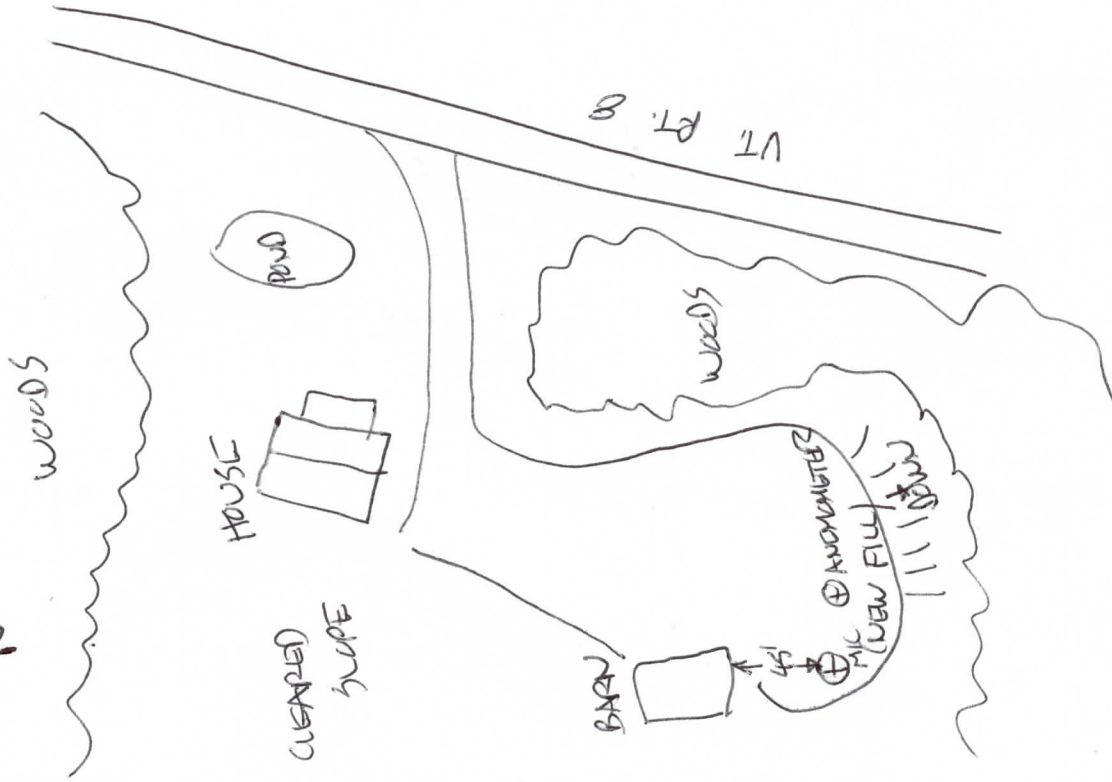
Sources: TRAFFIC ON VT. RT. 8, DEERFIELD
 TURBINES, SEARSBURG TURBINES,
 ACTIVITIES @ HOUSE, INCLUDING
 BASEMENT CONCRETE WORK,
 AIRCRAFT OVERFLIGHTS, WIND
 IN TREES

Notes:

* GREEN KIT REPLACED W/
 PURPLE KIT ON 10/30

Site Sketch:

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APPENDIX D – SOUND MEASUREMENT INSTRUMENTATION

This appendix provides a list of all sound monitoring equipment used during the fall 2018 monitoring program. At Sites A and B, the same equipment was used at each site throughout the entire program. At Site C, the complete kit, including sound level meter, preamplifier, microphone, and calibrator was exchanged for a replacement kit on October 30.

Site A (CSA “White” Kit)

Sound Level Meter: NTi Audio, XL2, SN A2A-06490-E0

Preamplifier: PCB 426E01, SN 039747

Microphone: PCB 377B02, SN 153679

Calibrator: Larson Davis CAL200, SN 4956

Site B (CSA “Blue” Kit)

Sound Level Meter: NTi Audio, XL2, SN A2A-06977-E0

Preamplifier: PCB 426E01 SN 016981

Microphone: PCB 377B02, SN 125988

Calibrator: Larson Davis CAL200, SN 11578

Site C, October 22 – October 30 (CSA “Green” Kit)

Sound Level Meter: NTi Audio, XL2, SN A2A-05917-E0

Preamplifier: PCB Y42D01, SN 1745

Microphone: PCB 377B02, SN 113952

Calibrator: Larson Davis CAL200, SN 2829

Site C, October 30 – November 26 (CSA “Purple” Kit)

Sound Level Meter: NTi Audio, XL2, SN A2A-14423-E0

Preamplifier: PCB 426E01, SN 135993

Microphone: PCB 377B02, SN 305847

Calibrator: Larson Davis CAL200, SN 4126

APPENDIX E – WIND TURBINE DATA

This appendix provides 10-minute wind speed and electrical output data for each of the 15 Deerfield Wind turbines for the period from October 23 through November 19. This range of dates is the complete set of data provided by Avangrid and includes all turbine-operation curtailments conducted during the fall 2018 monitoring program.

Please note that the times shown in this appendix denote the end of each 10-minute interval.

NOTE REGARDING TIME ZONES:

The data in this appendix originally were provided by Avangrid's operations center in Oregon with times referenced to the Pacific time zone. All other times show in the report are in the Project's local time, referenced to the Eastern time zone. For the revised October 11, 2019 report, CSA has converted the times shown in this appendix to the Eastern time zone.

Time	Turbine Power Output (kW)																Turbine Wind Speed (m/s)													
	E1	E2	E3	E4	E5	E6	E7	W1	W2	W3	W4	W5	W6	W7	W8	E1	E2	E3	E4	E5	E6	E7	W1	W2	W3	W4	W5	W6	W7	W8
10/23 3:10	615	17	632	753	918	854	920	397	962	900	1,108	988	979	1,077	1,118	7.2	2.7	8.3	8.5	9.2	9.1	9.3	6.0	8.5	7.9	8.3	8.2	8.4	9.3	8.2
10/23 3:20	533	0	639	850	1,011	943	983	378	1,037	928	1,124	975	964	1,114	1,158	6.4	2.5	8.4	8.9	9.5	9.5	9.6	5.5	8.4	7.9	8.3	8.3	8.4	9.4	8.3
10/23 3:30	718	53	812	965	1,161	1,110	1,170	430	980	910	1,175	968	976	1,222	1,284	7.3	3.1	9.0	9.4	10.1	10.4	10.4	5.9	8.1	8.0	8.5	8.3	8.4	9.6	8.5
10/23 3:40	715	58	819	939	1,109	1,053	1,090	344	986	949	1,172	919	912	1,126	1,161	7.5	3.1	9.1	9.3	9.9	10.1	9.9	5.4	8.1	8.1	8.4	8.1	8.2	9.4	8.2
10/23 3:50	517	7	646	744	930	814	815	287	889	823	1,007	834	832	984	1,025	6.5	2.5	8.3	8.5	9.3	8.9	8.8	5.1	7.8	7.6	8.0	7.8	8.0	9.0	7.9
10/23 4:00	451	-9	520	655	820	771	778	242	864	777	982	817	809	957	1,066	5.9	2.5	7.7	8.1	9.0	8.8	8.8	4.9	7.8	7.5	8.0	7.9	7.8	8.9	8.0
10/23 4:10	232	-28	351	656	766	726	706	190	776	720	951	817	788	971	1,067	4.5	2.1	5.8	8.0	8.7	8.4	8.3	4.4	7.4	7.3	7.9	7.9	7.9	9.0	8.0
10/23 4:20	308	-23	318	496	628	541	494	171	762	714	934	787	722	864	910	5.5	2.0	6.1	7.0	8.1	7.5	7.3	4.2	7.5	7.3	7.9	7.7	7.7	8.6	7.7
10/23 4:30	170	-38	161	383	491	445	417	182	760	704	890	742	668	763	799	4.2	1.6	4.0	6.7	7.4	7.1	7.0	4.3	7.5	7.4	7.7	7.7	7.5	8.3	7.4
10/23 4:40	137	-35	68	229	328	302	311	229	751	708	902	711	606	685	726	3.9	1.3	2.8	5.5	6.4	6.2	6.3	4.9	7.5	7.4	7.8	7.8	7.4	8.0	7.3
10/23 4:50	132	-36	-6	253	353	345	422	227	644	600	750	566	450	563	497	4.1	2.0	2.1	5.8	6.5	6.6	6.9	5.1	7.2	6.9	7.6	6.9	6.7	7.2	6.5
10/23 5:00	309	47	-10	259	362	392	464	216	333	285	436	250	193	326	273	5.9	4.1	2.3	5.8	6.6	6.9	7.3	4.8	5.7	5.3	6.3	5.3	4.8	5.7	5.3
10/23 5:10	186	41	-14	292	472	525	571	164	257	223	360	219	181	305	234	4.8	3.5	2.0	6.4	7.3	7.6	7.7	4.6	5.7	5.2	6.0	5.4	4.8	5.8	5.3
10/23 5:20	367	141	40	427	571	532	511	177	105	73	331	217	189	270	258	6.6	4.9	2.9	7.1	7.8	7.6	7.3	4.7	3.9	3.2	5.8	5.2	5.0	5.5	5.4
10/23 5:30	466	156	58	394	435	374	318	216	117	124	434	316	279	380	372	7.1	4.9	3.0	6.4	6.7	6.5	6.0	4.9	3.7	3.8	6.1	5.7	5.5	6.3	6.1
10/23 5:40	407	117	40	253	282	210	225	249	210	208	637	474	418	550	540	6.7	4.5	2.5	5.2	5.7	5.2	5.4	5.1	4.8	4.6	6.9	6.4	6.2	7.0	6.7
10/23 5:50	424	243	112	391	457	378	317	231	245	261	583	354	286	385	317	6.7	5.7	3.2	6.4	7.1	6.6	6.2	5.0	5.0	5.2	6.7	5.6	5.4	6.0	5.6
10/23 6:00	536	251	168	395	439	328	303	144	89	53	484	272	239	315	313	7.3	5.9	4.5	6.5	6.9	6.2	6.0	4.4	3.5	2.8	6.4	5.4	5.3	5.6	5.6
10/23 6:10	764	347	132	521	666	548	492	274	262	288	629	423	356	511	481	8.1	6.5	3.4	7.1	7.9	7.4	7.2	5.2	5.3	5.6	6.9	6.1	6.0	6.7	6.3
10/23 6:20	802	221	73	620	737	682	677	251	346	344	796	549	479	708	621	8.0	5.0	2.5	7.1	8.0	8.1	8.2	5.1	5.8	5.6	7.4	6.6	6.5	7.5	6.9
10/23 6:30	505	79	89	602	710	624	627	218	441	463	793	644	587	724	635	6.1	3.3	3.1	7.4	8.2	7.4	7.4	4.9	6.7	6.7	7.3	6.9	7.0	7.7	7.0
10/23 6:40	509	14	346	576	628	532	447	212	528	557	728	581	546	749	683	6.5	2.5	6.1	7.5	7.9	7.4	6.8	4.8	6.9	6.7	7.1	6.7	6.8	7.9	7.2
10/23 6:50	439	19	341	523	613	518	414	276	608	625	780	610	607	887	774	6.5	2.4	6.3	7.3	7.8	7.4	7.0	5.2	7.0	6.9	7.3	6.8	6.9	8.1	7.3
10/23 7:00	302	-4	174	382	463	375	288	283	797	686	871	692	674	802	706	5.7	2.3	4.0	6.7	7.2	6.8	6.3	5.2	7.6	7.1	7.5	7.1	7.1	7.9	7.0
10/23 7:10	174	-13	72	296	348	202	133	148	647	523	618	462	400	471	369	4.5	2.8	2.7	6.0	6.4	5.3	4.3	4.4	7.0	6.4	6.6	6.2	6.2	6.6	6.1
10/23 7:20	182	12	42	192	232	169	145	85	230	242	370	318	311	403	332	4.4	2.9	2.4	5.0	5.4	4.7	4.5	3.9	5.3	5.3	5.9	5.7	5.7	6.2	5.8
10/23 7:30	151	46	39	149	167	170	146	52	109	190	347	299	297	369	332	4.2	3.5	2.2	4.3	4.8	4.8	4.7	3.7	4.1	5.0	5.6	5.5	5.6	6.2	5.7
10/23 7:40	133	20	56	140	178	139	121	56	132	172	301	202	176	248	199	4.0	3.1	2.8	4.4	4.9	4.7	4.7	3.8	4.5	4.9	5.5	4.9	4.8	5.3	5.0
10/23 7:50	241	91	129	222	259	192	162	76	86	45	224	153	174	245	273	5.4	4.2	4.1	5.2	5.7	5.3	5.2	4.0	3.7	2.8	5.4	4.6	4.8	5.2	5.3
10/23 8:00	438	255	417	456	461	368	268	273	102	10	328	405	491	458	542	6.3	5.6	6.6	6.6	6.8	6.5	5.9	5.4	3.9	2.5	5.8	6.5	6.6	6.7	6.6
10/23 8:10	371	212	309	358	376	298	189	232	131	55	371	341	428	351	409	5.8	4.9	5.8	6.0	6.2	5.7	5.2	5.2	3.9	3.1	6.0	5.7	6.2	5.8	6.4
10/23 8:20	265	139	219	257	265	214	164	246	119	20	124	104	332	180	309	5.3	4.6	5.2	5.4	5.4	5.1	4.8	5.3	4.3	3.2	4.1	3.6	5.8	4.2	5.5
10/23 8:30	271	163	214	303	276	233	198	196	89	37	114	73	235	122	277	5.6	5.0	5.2	5.7	5.8	5.7	5.6	5.0	4.1	3.7	3.9	3.3	5.4	3.8	5.4
10/23 8:40	531	293	466	606	574	528	491	206	41	-1	180	270	409	252	507	7.1	5.9	6.9	7.7	7.8	7.6	7.4	5.0	3.5	2.9	4.3	5.1	6.1	4.8	6.3
10/23 8:50	1,026	511	926	947	1,116	872	734	531	245	73	512	673	974	663	1,195	8.6	7.2	8.5	8.3	9.4	8.7	8.0	6.4	5.1	3.5	5.9	7.3	8.0	6.8	8.4
10/23 9:00	1,216	532	1,057	1,104	1,217	1,015	912	1,061	424	83	863	829	959	1,043	1,322	9.2	6.7	9.0	9.1	9.9	9.1	8.6	7.9	5.6	3.5	7.4	7.9	7.5	8.3	8.3
10/23 9:10	1,467	552	1,258	1,294	1,484	1,374	1,168	611	216	8	656	705	760	878	1,220	10.1	6.8	9.7	9.7	10.9	10.0	9.2	6.6	4.6	2.6	6.7	7.2	7.2	7.7	8.2
10/23 9:20	1,671	671	1,351	1,248	1,428	1,281	989	1,069	327	112	893	982	1,290	1,279	1,627	10.8	6.8	9.5	9.0	9.9	9.3	9.0	7.9	5.5	3.8	7.3	8.1	8.5	9.3	9.2
10/23 9:30	1,737	335	1,075	1,124	1,228	995	912	949	160	67	1,587	1,277	1,068	1,308	1,190	11.3	5.7	8.7	8.8	9.5	8.2	8.2	7.3	4.2	3.6	9.8	8.6	8.0	9.2	8.1
10/23 9:40	1,553	360	900	988	1,049	808	612	814	344	95	1,435	1,005	1,064	1,202	1,369	10.7	5.7	8.0	8.2	8.9	7.7	7.2	7.3	5.1	3.5	9.3	8.0	8.1	8.8	8.9
10/23 9:50	1,333	283	673	785	988	989	907	1,388	312	165	1,607	1,110	1,168	1,734	1,864	9.7	5.1	7.0	7.5	8.8	8.2	8.7	8.6	4.9	4.2	9.5	8.3	8.5	10.2	9.9
10/23 10:00	1,201	288	663	860	1,270	1,191	1,341	1,736	574	165	1,657	1,306	1,217	980	1,302	9.6	5.4	7.1	7.9	10.1	9.7	10.6	9.5	6.4	4.5	9.7	8.7	8.3	9.0	8.5
10/23 10:10	1,580	553	686	958	1,187	971	1,317	1,856	644	131	1,463	1,199	1,118	-27	1,597	10.9	7.1	7.2	8.4	9.7	10.4	10.4	9.7	6.5	4.0	9.3	8.7	8.4	9.0	9.3
10/23 10:20	1,307	453	564	891	883	884	1,510	1,578	456	74	1,098	943	919	-25	1,176	9.6	6.8	6.7	8.3	7.2	10.6	10.8	9.0	5.7	3.6	8.3	7.9	7.6	7.9	8.4
10/23 10:30	1,046	339	619	933	578	796	1,424	1,111	552	121	831	724	702	-24	1,099	8.9	6.1	7.0	8.0	4.7	10.7	10.1	7.8	6.1	4.0	7.5	7.6	7.2	7.5	8.2
10/23 10:40	1,142	744	839	73																										

10/23 11:30	881	508	831	1,083	0	273	1,069	44	100	122	462	253	210	120	965	8.4	6.8	8.3	8.9	0.0	11.6	9.2	3.4	3.8	4.0	6.1	5.2	5.0	5.7	7.7
10/23 11:40	1,050	771	1,111	1,517	0	186	1,356	237	44	23	387	312	337	425	1,036	8.5	8.2	8.7	10.7	0.0	11.7	10.2	5.3	3.5	2.9	5.9	5.8	5.7	6.0	7.8
10/23 11:50	1,184	814	1,032	1,481	0	99	1,205	91	34	67	454	329	303	503	1,141	9.1	8.2	8.7	10.5	0.0	11.8	9.7	3.9	3.4	3.8	6.5	5.8	5.8	6.3	8.4
10/23 12:00	1,256	785	950	1,245	0	15	1,513	235	37	18	372	360	483	610	1,357	9.2	8.3	8.2	9.8	0.0	11.6	11.0	5.2	3.3	3.2	5.7	5.9	6.5	6.7	8.7
10/23 12:10	1,531	892	1,037	1,472	0	1	1,623	647	164	48	711	650	555	847	1,476	10.1	8.5	8.5	10.6	0.0	10.8	10.8	6.8	4.4	3.3	7.0	7.1	6.7	7.4	9.2
10/23 12:20	1,531	785	1,053	1,443	0	0	1,437	997	330	158	1,044	883	907	827	1,525	10.0	8.0	8.4	10.1	0.0	6.7	10.4	7.7	5.6	4.3	8.0	8.0	7.7	7.6	9.1
10/23 12:30	1,267	726	916	1,288	-2	0	1,451	1,317	586	189	1,125	954	1,048	735	1,650	9.3	7.6	8.2	9.8	8.8	2.5	10.6	8.7	6.4	4.5	7.7	8.0	7.9	7.8	9.4
10/23 12:40	1,115	693	921	1,287	-4	923	1,163	1,137	930	363	963	759	1,237	-11	1,886	8.8	7.9	8.2	9.9	10.6	9.7	9.8	8.2	7.5	5.4	7.4	7.0	8.8	7.4	10.1
10/23 12:50	1,193	478	1,067	1,329	4	1,510	1,206	1,167	1,083	647	811	559	1,324	88	1,972	9.4	7.1	8.8	9.9	10.8	10.6	10.0	8.2	8.3	6.9	7.1	6.0	8.7	6.4	10.9
10/23 13:00	893	267	825	1,188	716	1,019	1,003	872	692	473	702	646	1,197	651	1,623	8.0	5.9	7.9	9.2	8.9	8.6	9.1	7.3	6.6	5.8	6.8	7.0	8.4	6.1	9.7
10/23 13:10	918	399	584	1,078	1,105	815	691	507	701	233	599	606	715	361	1,169	8.2	6.5	6.9	8.9	9.2	8.1	7.6	6.3	6.7	5.1	6.5	6.7	7.1	4.9	8.3
10/23 13:20	672	220	572	839	414	873	681	921	690	346	680	392	450	-19	761	7.4	5.3	6.9	8.1	9.0	8.4	7.6	7.5	7.0	5.3	6.7	5.9	5.8	5.8	7.1
10/23 13:30	695	190	245	723	715	633	613	270	83	48	171	152	233	-21	379	7.5	5.5	4.9	7.7	7.6	7.5	7.6	4.1	3.7	3.5	4.5	4.5	5.0	4.8	5.7
10/23 13:40	359	202	314	582	598	483	341	4	69	49	95	26	11	-21	104	5.7	5.2	5.5	6.8	7.0	6.6	5.8	3.4	4.0	3.6	3.9	3.5	2.7	3.1	4.2
10/23 13:50	187	14	118	221	451	535	413	60	48	24	142	91	-9	-21	192	4.3	3.2	3.9	4.6	6.5	6.8	6.3	4.0	4.0	4.1	5.0	4.8	4.9	3.3	5.0
10/23 14:00	22	-25	-7	67	194	304	399	497	247	257	817	555	3	-17	509	3.5	3.1	3.4	4.1	5.0	5.8	6.2	6.5	4.8	4.7	7.3	6.7	7.6	3.7	6.5
10/23 14:10	292	80	1	295	382	368	352	459	418	253	880	593	20	-13	494	5.5	4.3	3.5	5.5	6.0	6.1	6.0	6.2	5.7	4.7	7.6	6.8	7.6	4.4	6.3
10/23 14:20	332	75	219	258	262	261	249	357	273	175	882	590	37	-10	746	6.0	4.1	5.0	5.6	5.8	5.7	5.8	5.8	4.9	4.1	7.4	7.1	8.2	5.2	7.4
10/23 14:30	392	154	360	445	426	383	307	449	337	91	254	524	54	-6	717	6.0	4.7	5.9	6.3	6.6	6.2	5.8	6.2	5.6	3.8	4.9	6.8	7.5	5.9	7.4
10/23 14:40	238	88	173	334	332	407	402	175	129	61	515	399	71	196	561	4.7	4.2	4.4	5.6	5.9	6.3	6.0	4.7	4.0	3.2	6.4	5.9	6.5	6.1	6.4
10/23 14:50	107	12	133	219	247	236	226	303	224	224	472	389	88	479	450	3.9	2.9	4.4	5.0	5.4	5.3	5.2	5.4	4.9	5.0	6.1	5.8	5.5	5.9	6.1
10/23 15:00	114	13	64	177	186	151	226	177	204	141	410	310	104	339	284	3.8	3.0	3.1	4.4	4.6	4.4	5.3	4.4	4.8	4.1	5.7	5.5	4.5	5.3	5.3
10/23 15:10	82	17	37	83	148	185	163	88	251	238	282	98	120	249	248	3.6	2.8	3.2	3.6	4.4	5.0	4.8	3.5	5.2	4.9	5.0	3.8	3.5	4.6	4.9
10/23 15:20	103	0	63	89	144	192	184	104	79	65	171	137	87	125	133	4.0	2.9	3.7	3.9	4.6	5.1	5.2	3.9	3.5	3.4	4.4	4.3	3.5	3.8	4.3
10/23 15:30	73	-4	12	48	99	84	105	62	29	13	70	59	29	60	46	3.5	2.8	2.6	3.2	3.8	3.8	4.1	3.7	3.0	2.5	3.6	3.7	4.0	3.3	3.4
10/23 15:40	26	-15	6	37	61	-1	33	76	14	0	137	124	32	134	117	3.0	2.6	2.7	3.1	3.6	4.8	2.8	3.8	2.9	2.4	4.5	4.3	3.8	4.1	4.2
10/23 15:50	31	-17	-15	83	126	-3	89	10	9	14	75	46	31	54	62	3.0	2.4	2.1	3.7	4.3	4.6	3.8	2.7	2.7	2.8	3.7	3.4	3.3	3.0	3.5
10/23 16:00	33	-10	-12	56	96	-2	114	11	-11	-7	90	52	58	77	97	3.0	2.2	2.6	3.0	3.9	4.8	3.9	2.6	2.5	2.1	4.0	3.3	3.7	3.4	4.0
10/23 16:10	19	-21	23	67	12	-1	14	45	37	72	210	104	117	150	142	2.7	1.9	2.8	3.5	2.7	4.4	2.4	3.4	3.0	3.6	4.9	4.2	4.2	4.1	4.3
10/23 16:20	43	-12	61	37	12	-1	-11	36	191	203	321	242	158	177	191	3.3	2.5	3.4	3.2	2.8	3.4	2.1	3.3	4.7	4.8	5.5	5.2	4.4	4.3	4.8
10/23 16:30	34	-17	29	35	2	0	15	55	110	220	276	230	157	-6	191	2.9	2.4	2.9	3.0	2.3	3.2	2.7	4.3	4.8	4.9	5.0	4.9	4.4	4.8	4.6
10/23 16:40	52	-8	17	25	60	0	48	59	67	44	-12	6	15	-7	59	3.4	2.6	2.7	2.9	3.7	0.7	3.4	3.6	3.1	3.2	2.3	2.8	2.8	3.4	3.3
10/23 16:50	-4	-25	10	31	49	0	35	-13	-10	-8	-9	-10	-8	-6	-14	2.1	2.1	2.6	3.1	3.4	0.0	3.2	2.3	2.2	2.4	2.7	2.4	1.8	1.5	2.0
10/23 17:00	-11	-23	-4	-1	69	0	33	-11	-7	-8	-12	-6	-5	-6	-8	1.5	1.9	2.0	2.2	3.8	0.0	3.4	1.5	1.4	1.8	1.8	2.0	2.0	2.3	2.3
10/23 17:10	-8	-21	-12	-2	40	-2	45	-11	-7	-8	-9	-7	-6	-6	-9	1.8	1.6	2.2	2.5	3.4	0.3	3.4	1.9	1.7	1.7	1.8	1.3	1.1	2.0	2.3
10/23 17:20	8	-21	24	39	43	-9	1	-11	-7	-7	-8	-7	-7	-6	-9	2.9	2.0	3.1	3.4	3.4	1.8	2.6	2.3	2.0	2.1	2.4	1.9	1.6	2.1	2.0
10/23 17:30	-7	-21	2	38	54	54	38	-10	-7	-8	-8	-7	-6	-5	-8	2.2	1.5	2.4	3.2	3.7	3.6	3.3	1.3	1.6	1.2	1.7	1.1	1.6	2.1	1.9
10/23 17:40	55	-10	62	98	198	177	160	-11	-7	-9	-8	-7	-5	-5	-8	3.0	2.3	3.4	3.7	5.1	5.1	5.0	2.1	2.0	1.7	2.3	1.8	1.9	2.3	2.9
10/23 17:50	-10	-21	-13	-9	18	44	34	-12	-7	-9	-8	-7	-5	-5	-9	2.0	1.4	1.7	2.0	3.1	3.5	3.3	1.8	1.6	1.7	2.0	2.0	2.2	2.6	2.2
10/23 18:00	22	-23	-11	26	52	41	26	-12	-10	-10	-9	-7	-6	-5	-10	3.1	2.4	2.0	3.3	3.7	3.5	3.3	1.0	1.2	1.6	2.4	2.0	2.6	2.5	2.8
10/23 18:10	88	-14	57	91	88	57	36	-8	3	2	-11	-7	-6	-8	-9	3.9	2.6	3.6	4.2	4.1	3.6	3.4	3.4	3.4	3.4	3.0	2.7	2.5	2.2	1.9
10/23 18:20	891	548	880	957	1,100	985	1,198	1,587	1,586	1,491	1,018	1,387	862	-15	848	8.2	7.6	9.2	9.2	8.9	8.4	9.7	10.7	10.4	10.1	10.0	9.9	9.3	10.7	8.5
10/23 18:30	1,342	1,213	1,250	1,263	1,570	1,126	1,434	2,083	1,947	1,993	1,999	1,974	1,922	-19	1,858	8.9	9.0	8.6	9.1	10.1	11.3	10.7	11.0	10.4	10.8	11.8	10.7	10.2	11.7	10.3
10/23 18:40	1,193	885	1,299	1,274	1,646	975	1,778	1,355	1,477	1,383	1,632	1,197	1,217	-19	1,545	8.7	7.8	9.0	9.1	10.9	10.6	11.8	8.7	8.9	8.5	9.3	8.2	8.1	11.1	9.1
10/23 18:50	1,101	926	1,267	1,241	1,525	915	1,544	1,007	989	846	1,026	803	799	-18	941	8.6	8.0	9.4	9.4	10.9	10.0	11.1	7.8	7.9	7.2	7.8	7.4	7.4	8.8	7.9
10/23 19:00	479	345	466	416	643	855	748	425	356	344	534	454	392	-18	516	6.8	6.1	6.1	5.8	7.5	9.3	8.1	6.0	5.6	5.6	6.4	6.3	5.9	6.7	6.4
10/23 19:10	236	123	243	243	375	795	411	187	163	213	315	181	119	-18	210	5.4	5.0	5.5	5.5	6.7	8.7	6.8	4.8	4.5	5.1	5.7	4.9	4.4	5.4	5.2
10/23 19:20	400	190	339	334	561	734	630	168	277	424	519	320	190	-18	357	6.6	5.7	6.6	6.3	7.7	8.0	7.8	4.8	5.4	6.1	6.5	5.7	5.0	6.3	6.2
10/23 19:30	298	200	317	315	481																									

10/23 20:20	586	624	785	737	1,021	373	927	577	517	602	588	444	287	-17	453	6.7	7.2	7.5	7.4	8.6	4.1	8.7	6.7	6.4	6.7	6.9	6.1	5.6	6.2	6.3
10/23 20:30	709	551	812	918	1,043	313	996	406	412	519	369	375	373	-19	465	7.9	7.7	8.3	8.0	9.2	3.4	9.3	6.0	6.0	6.4	5.9	5.8	5.9	7.2	6.3
10/23 20:40	776	857	970	959	945	253	1,077	734	344	463	452	351	436	-10	670	7.9	8.3	8.6	8.4	8.6	2.8	9.0	7.3	5.7	6.3	6.4	5.8	6.2	6.3	6.9
10/23 20:50	881	999	1,338	1,182	1,216	193	1,183	769	921	898	761	672	829	599	991	8.5	9.1	9.6	9.1	9.3	2.1	9.3	7.4	7.8	7.6	7.2	6.8	7.6	7.5	7.8
10/23 21:00	1,045	692	733	589	712	132	811	1,098	1,034	784	752	747	871	839	858	8.5	7.5	7.3	7.1	8.1	1.4	8.4	8.0	8.0	7.1	7.4	7.2	7.5	7.7	7.6
10/23 21:10	765	473	659	673	833	72	863	870	921	705	856	859	514	700	1,054	7.8	6.5	7.3	7.2	8.3	0.8	8.0	7.5	7.6	7.0	7.3	7.7	6.3	7.1	7.8
10/23 21:20	560	604	664	639	788	13	737	652	684	593	757	609	512	508	604	7.2	7.5	7.1	6.9	7.8	1.3	7.6	6.8	6.9	6.5	7.0	6.7	6.4	6.2	6.5
10/23 21:30	461	549	925	704	848	863	953	684	687	469	762	781	854	631	534	6.7	7.0	8.3	7.8	8.2	8.8	8.9	7.0	7.0	6.1	7.2	7.5	7.5	6.6	6.4
10/23 21:40	720	504	681	666	866	850	728	809	657	599	775	597	536	505	508	7.6	6.6	7.1	7.4	8.2	8.1	7.8	7.3	6.9	6.6	7.1	6.6	6.4	6.2	6.3
10/23 21:50	620	716	564	618	692	588	669	467	513	565	597	710	650	447	719	7.3	7.8	6.9	7.1	7.5	7.1	7.8	6.3	6.4	6.4	6.6	7.1	7.0	6.0	7.0
10/23 22:00	835	809	914	619	786	709	866	681	631	573	732	768	598	474	882	8.4	7.9	8.0	6.9	7.9	7.8	8.7	6.9	6.5	6.7	7.0	7.2	6.8	6.2	7.5
10/23 22:10	810	843	942	847	1,112	1,189	1,256	1,036	937	644	878	749	767	792	991	8.0	8.2	8.3	7.5	8.9	9.3	9.8	8.1	7.7	6.9	7.6	7.0	7.2	7.4	7.7
10/23 22:20	1,188	964	1,339	1,478	1,742	1,579	1,548	1,326	1,033	901	1,336	1,016	779	854	891	9.6	8.6	9.7	10.2	11.0	10.8	10.8	8.6	8.0	7.5	8.5	8.0	7.4	7.6	7.5
10/23 22:30	1,230	1,213	1,399	1,405	1,704	1,469	1,603	807	973	1,257	1,136	1,113	1,143	903	1,122	9.5	9.0	9.6	9.7	10.7	10.1	10.5	7.3	7.7	8.3	8.1	7.9	8.0	7.5	7.9
10/23 22:40	1,090	1,336	1,576	1,474	1,617	1,693	1,499	1,199	1,110	892	888	983	947	816	1,048	9.2	10.2	10.3	9.6	10.5	11.1	10.6	8.3	8.1	7.6	7.4	7.6	7.8	7.4	7.8
10/23 22:50	1,244	1,254	1,648	1,587	1,662	1,552	1,503	1,142	934	1,065	919	1,147	898	972	1,056	9.7	9.4	10.5	10.6	10.6	10.4	10.6	8.1	7.7	7.9	7.4	8.0	7.4	7.9	7.9
10/23 23:00	827	773	1,142	1,295	1,515	1,086	1,019	877	772	1,165	1,035	935	885	893	1,173	7.7	8.3	8.9	9.2	10.2	8.8	8.7	7.6	7.1	8.2	7.8	7.6	7.5	7.5	8.1
10/23 23:10	595	488	916	967	1,113	998	980	637	629	739	715	827	567	711	861	6.9	7.0	7.9	7.9	8.9	8.5	8.4	6.7	6.8	7.1	7.1	7.4	6.5	7.2	7.5
10/23 23:20	781	598	828	892	917	845	684	652	593	501	560	560	684	490	838	7.6	7.2	7.7	8.3	8.5	8.0	7.1	6.9	6.6	6.3	6.6	6.4	6.8	5.8	7.3
10/23 23:30	606	613	668	601	438	359	436	528	512	475	542	437	319	156	588	6.6	6.7	7.0	6.6	6.1	5.7	6.4	6.6	6.5	6.3	6.5	6.2	5.8	3.5	6.6
10/23 23:40	481	420	694	507	555	136	173	602	560	514	578	391	327	137	565	6.8	6.2	7.0	6.5	6.4	4.3	4.6	6.9	6.6	6.4	6.7	6.2	6.0	3.8	6.5
10/23 23:50	455	488	464	381	176	267	398	767	532	628	511	397	363	278	599	6.5	7.1	6.1	6.3	4.5	5.6	6.4	7.3	6.5	6.8	6.5	6.1	5.7	5.4	6.8
10/24 0:00	382	449	655	597	237	475	572	465	532	609	508	363	335	303	392	6.1	6.7	7.6	6.7	4.5	6.4	7.3	6.2	6.4	6.8	6.3	5.9	5.7	5.6	6.1
10/24 0:10	599	633	643	504	280	409	580	246	376	322	414	295	238	146	390	6.8	7.6	7.1	6.4	5.2	5.7	6.9	5.1	5.9	5.5	6.1	5.6	5.2	3.9	5.9
10/24 0:20	666	685	712	607	433	265	455	302	237	271	209	166	237	173	355	7.0	7.5	7.4	7.1	5.7	4.7	6.2	5.4	5.1	5.3	4.9	4.6	5.4	4.2	5.8
10/24 0:30	397	444	318	422	347	151	282	206	123	197	224	119	156	93	240	6.1	6.4	5.3	6.0	5.9	4.4	5.6	5.0	4.3	4.8	5.1	4.1	4.7	3.6	5.3
10/24 0:40	576	517	441	343	264	327	477	75	57	46	88	46	42	56	198	7.6	7.4	6.6	5.8	5.3	6.0	6.7	4.1	3.7	3.6	3.9	3.4	3.6	3.2	4.8
10/24 0:50	611	532	502	378	281	619	703	135	136	163	186	85	49	87	99	7.6	7.2	6.6	6.0	5.1	7.2	7.9	4.4	4.6	4.7	4.8	3.9	3.6	3.8	4.1
10/24 1:00	458	264	352	329	348	511	594	201	139	94	121	41	-4	18	87	6.4	5.9	5.7	6.2	5.9	6.9	7.6	5.0	4.5	4.0	4.2	3.5	2.7	2.8	3.9
10/24 1:10	558	364	406	422	458	528	634	212	177	162	211	155	53	57	63	7.1	6.7	5.9	6.2	6.7	7.1	7.4	5.0	4.7	4.5	4.8	4.7	3.6	3.4	3.7
10/24 1:20	418	359	415	467	281	520	593	591	507	351	470	226	269	304	267	6.4	6.3	5.9	6.3	5.4	6.9	7.1	6.8	6.4	5.7	6.1	4.8	5.3	5.7	5.3
10/24 1:30	460	550	519	583	452	769	736	488	388	231	266	103	197	208	195	6.8	7.6	6.6	6.8	6.2	8.0	8.2	6.2	5.9	5.1	5.3	4.0	4.8	4.7	4.7
10/24 1:40	770	723	788	437	440	559	708	309	326	241	280	255	302	258	421	7.5	8.0	7.5	6.1	6.1	6.6	7.8	5.6	5.5	5.1	5.2	5.1	5.2	5.0	5.9
10/24 1:50	412	338	556	368	304	447	615	536	528	511	528	315	262	230	349	6.0	6.0	6.7	5.7	5.2	6.3	7.3	6.6	6.5	6.3	6.4	5.6	5.2	5.0	5.7
10/24 2:00	510	328	622	501	253	547	774	636	534	482	514	382	352	329	404	6.7	6.3	7.2	6.8	4.9	7.1	8.2	6.8	6.4	6.3	6.2	5.7	5.7	5.3	5.9
10/24 2:10	293	308	467	422	244	444	481	696	522	467	569	377	329	242	409	5.5	6.4	6.7	6.2	4.9	6.7	6.9	7.2	6.5	6.2	6.5	6.0	5.7	5.1	6.0
10/24 2:20	311	222	405	360	250	463	447	692	577	586	640	486	412	274	671	5.8	5.6	6.2	5.7	5.1	6.8	6.7	7.1	6.6	6.8	6.8	6.3	6.0	4.7	7.1
10/24 2:30	457	284	412	463	288	500	463	986	720	757	878	702	599	321	690	6.5	6.0	6.0	6.3	5.2	7.1	6.9	7.9	7.1	7.2	7.5	7.1	6.9	4.9	7.1
10/24 2:40	558	427	702	606	283	293	430	1,325	981	1,106	1,001	678	599	308	838	7.0	6.4	7.0	6.9	5.1	5.4	6.4	8.7	7.7	8.2	7.8	7.2	7.0	4.3	7.4
10/24 2:50	912	704	1,048	1,195	495	496	805	1,189	981	1,035	1,294	876	839	542	1,300	8.2	7.6	8.6	9.2	5.8	6.3	8.0	8.3	7.8	7.9	8.5	7.7	7.6	6.4	8.7
10/24 3:00	923	1,012	1,260	1,264	644	539	866	1,583	1,370	1,379	1,618	1,217	979	574	1,487	8.1	8.4	9.3	8.9	6.6	6.6	7.7	9.1	8.8	8.6	9.2	8.4	7.9	6.1	9.1
10/24 3:10	808	1,236	1,459	1,540	895	562	644	1,945	1,579	1,353	1,799	1,391	1,347	693	1,941	7.8	9.4	10.0	10.2	7.6	6.8	7.7	10.2	9.1	8.7	9.8	8.8	8.9	5.4	10.2
10/24 3:20	1,147	1,294	1,289	1,594	1,049	717	1,154	2,022	1,534	1,401	1,843	1,359	1,284	713	1,846	9.6	9.5	9.6	10.5	8.6	8.1	9.9	10.4	9.0	8.7	10.0	9.1	8.7	5.9	9.9
10/24 3:30	1,348	1,206	1,393	1,531	810	1,057	1,277	1,995	1,644	1,806	1,880	1,520	1,428	785	1,805	10.1	9.4	9.9	10.2	7.7	9.8	10.8	10.2	9.5	9.8	10.2	9.6	9.0	6.4	9.7
10/24 3:40	905	1,313	1,454	1,386	710	645	840	1,816	1,537	1,688	1,912	1,488	1,437	797	1,871	8.4	9.7	9.7	9.4	7.1	7.8	9.0	9.6	9.1	9.5	10.2	9.3	8.9	6.1	9.9
10/24 3:50	1,342	1,352	1,361	1,326	760	688	938	1,679	1,347	1,432	1,491	1,486	1,106	667	1,590	10.0	9.9	9.3	9.4	7.7	7.7	9.5	9.5	8.6	8.9	9.0	9.4	8.1	6.5	9.1
10/24 4:00	1,055	1,308	1,479	1,329	741	527	865	1,595	1,259	1,601	1,711	1,269																		

10/24 5:10	560	810	685	713	447	274	428	1,060	738	765	882	808	653	338	878	7.2	8.0	7.0	7.0	6.0	5.4	6.8	8.0	7.0	7.0	7.2	7.3	6.9	4.8	7.4
10/24 5:20	471	580	698	612	471	181	156	622	781	694	751	445	290	213	717	6.9	7.3	7.4	6.7	6.3	4.8	4.6	6.7	6.9	6.9	7.1	6.2	5.2	4.4	7.1
10/24 5:30	584	815	925	589	461	167	241	791	610	418	649	467	411	265	784	7.0	8.4	8.1	6.8	6.3	4.5	5.2	7.3	6.7	5.8	6.8	6.1	5.9	4.6	7.5
10/24 5:40	785	913	901	948	466	402	473	650	586	561	652	486	413	265	786	8.1	9.1	7.9	8.1	6.4	6.4	7.2	6.8	6.5	6.3	6.8	6.3	5.9	4.8	7.0
10/24 5:50	599	830	915	898	527	292	486	460	451	472	687	545	468	244	969	7.5	8.3	8.0	7.5	6.4	5.3	6.6	6.1	6.2	6.2	6.9	6.8	6.0	4.5	7.7
10/24 6:00	801	744	962	918	701	174	163	752	863	609	652	620	455	301	818	8.1	8.1	8.0	8.0	7.5	4.5	4.8	7.1	7.5	6.6	6.9	7.1	6.2	5.0	7.3
10/24 6:10	1,097	921	1,136	1,161	719	461	643	1,139	1,132	968	959	600	766	586	1,076	9.4	9.0	9.0	8.9	7.5	7.2	8.4	8.1	8.2	7.9	7.7	6.9	7.5	6.9	8.0
10/24 6:20	1,344	1,403	1,280	1,275	711	806	990	1,418	938	1,456	1,435	1,090	920	622	1,360	9.7	10.1	9.6	9.4	7.6	8.2	10.1	8.9	7.6	9.0	9.0	8.3	7.9	6.6	8.8
10/24 6:30	1,224	1,307	1,070	1,019	611	730	975	1,763	1,136	1,431	1,412	1,010	859	679	1,136	9.5	9.6	8.5	8.4	6.9	8.3	9.5	9.9	8.4	8.9	8.9	8.0	7.6	7.1	8.3
10/24 6:40	1,056	850	1,201	936	539	902	971	1,402	1,249	1,028	1,222	1,010	725	680	1,167	9.5	8.7	9.3	8.6	7.5	9.5	10.0	8.9	8.6	7.8	8.5	8.0	7.5	6.9	8.3
10/24 6:50	1,122	1,047	1,326	1,214	713	1,049	1,125	1,234	1,368	1,509	1,215	988	562	581	1,172	9.5	9.0	9.3	9.6	8.1	9.2	10.8	8.4	8.9	9.4	8.2	7.9	6.6	6.3	8.3
10/24 7:00	724	849	1,366	1,469	884	1,056	1,152	1,810	1,786	1,034	1,178	611	541	303	523	7.5	8.6	9.8	10.3	8.6	9.0	10.4	10.6	10.0	7.8	8.4	6.7	6.3	5.2	6.6
10/24 7:10	933	747	1,300	1,126	1,059	607	708	1,683	1,454	1,395	1,209	708	410	274	649	9.4	8.1	9.2	8.8	8.9	7.1	7.8	9.6	8.9	8.9	8.6	7.2	6.3	5.0	7.0
10/24 7:20	1,083	1,015	1,266	1,071	1,263	701	556	1,529	1,597	1,623	1,894	1,386	608	485	787	9.8	9.3	9.5	8.7	9.7	7.5	7.1	9.2	9.6	9.3	10.8	9.3	6.9	6.0	7.7
10/24 7:30	1,007	993	864	570	696	288	348	1,367	1,709	1,446	1,500	836	677	347	1,008	9.0	9.1	8.2	6.9	7.8	5.8	6.2	9.0	9.9	8.9	9.4	7.5	7.3	5.3	8.0
10/24 7:40	905	606	539	456	575	204	171	1,216	1,093	1,239	1,191	523	164	10	390	8.0	7.4	6.3	6.3	6.9	5.3	5.2	8.3	7.9	8.6	8.7	7.0	4.1	3.9	6.0
10/24 7:50	1,283	1,129	903	654	726	500	358	1,901	1,703	1,702	1,643	591	139	127	359	10.8	9.8	8.1	7.9	7.9	6.8	6.5	10.7	10.6	10.3	10.4	7.0	4.2	4.7	6.1
10/24 8:00	1,512	1,349	52	906	1,067	851	662	1,853	1,549	1,623	1,654	897	337	403	566	11.1	10.6	10.1	8.7	9.7	8.5	7.6	10.3	9.5	9.6	10.0	7.8	5.8	5.5	7.1
10/24 8:10	780	910	1,111	1,142	1,238	655	535	1,845	1,632	1,760	1,927	1,214	689	598	1,390	8.3	8.9	10.4	9.8	10.7	7.6	7.3	10.6	9.7	10.2	11.3	8.9	7.2	6.0	9.4
10/24 8:20	1,094	699	802	1,262	920	421	348	1,545	1,779	1,368	1,308	710	301	218	654	9.2	7.7	7.6	9.8	8.9	6.6	6.1	9.1	9.9	9.0	8.7	7.0	5.5	4.8	6.8
10/24 8:30	930	817	451	686	575	242	175	1,783	1,414	1,411	1,598	679	160	174	476	8.2	8.4	6.7	7.0	7.2	5.5	4.9	10.2	8.8	9.0	9.5	7.4	4.3	4.1	6.3
10/24 8:40	1,055	517	364	498	433	-8	161	1,571	1,333	1,010	1,226	536	268	183	491	8.5	7.0	6.3	6.4	6.6	5.5	4.9	9.2	8.5	7.9	8.2	6.7	5.6	4.2	6.7
10/24 8:50	406	182	448	600	382	-13	179	955	934	1,063	1,180	615	321	150	435	6.4	5.2	6.0	7.2	7.0	5.8	5.1	7.7	7.7	8.0	8.2	7.1	5.8	4.2	6.4
10/24 9:00	571	370	544	830	699	-12	344	1,140	1,233	1,103	1,195	565	166	189	392	7.5	6.2	6.3	7.6	7.4	6.1	6.0	8.3	8.3	8.0	8.4	6.8	4.4	4.8	5.7
10/24 9:10	1,084	1,004	917	879	980	-12	684	1,788	1,837	1,601	1,506	488	62	643	543	9.7	9.2	8.5	8.5	9.6	6.3	8.3	9.9	10.4	9.6	9.4	6.3	4.3	6.8	6.9
10/24 9:20	1,733	1,757	1,756	1,453	1,717	-11	1,406	2,027	1,902	1,729	1,917	1,266	416	622	1,003	11.5	12.0	11.8	10.7	12.6	6.5	10.8	10.6	10.3	10.1	10.5	9.2	6.0	6.9	8.4
10/24 9:30	1,673	1,775	1,485	1,837	1,865	-10	1,356	1,593	1,514	1,638	1,842	1,046	300	609	907	12.2	12.0	10.9	12.1	13.0	6.8	10.2	9.4	9.1	9.4	10.3	8.0	5.1	6.4	7.6
10/24 9:40	1,600	1,489	1,304	1,531	1,408	-10	986	1,332	1,044	999	1,146	472	167	374	651	11.7	10.4	9.8	10.9	10.7	7.0	9.4	8.4	7.8	7.6	8.0	6.1	4.3	5.3	7.0
10/24 9:50	1,405	1,559	1,169	1,603	1,561	-9	977	1,730	1,217	1,149	1,296	396	150	372	484	10.7	11.0	9.1	10.8	11.4	7.2	9.6	9.6	8.4	8.3	8.6	5.9	4.2	5.6	6.8
10/24 10:00	1,707	1,152	1,327	1,298	1,332	-9	669	1,865	1,378	1,351	1,229	685	379	318	785	11.2	9.1	10.0	9.3	10.7	7.5	8.3	10.1	8.7	8.7	8.2	7.2	5.5	5.1	7.7
10/24 10:10	1,326	1,197	1,191	1,410	1,103	-8	434	2,090	1,749	1,207	1,455	690	332	303	1,016	9.9	9.8	8.9	10.0	10.0	7.7	7.0	11.6	9.9	8.3	8.8	7.3	5.6	4.9	7.5
10/24 10:20	1,930	1,567	1,200	1,468	1,172	-8	590	2,097	1,859	1,834	1,796	690	176	558	635	12.5	11.6	9.9	10.5	10.0	7.9	7.5	12.1	10.0	10.2	10.3	6.9	4.2	6.7	6.7
10/24 10:30	1,885	1,776	1,418	1,807	1,722	-7	1,112	2,100	1,870	1,695	1,904	1,058	354	495	1,038	12.6	12.0	10.5	11.7	12.3	8.2	9.9	11.8	10.0	9.8	10.5	8.5	5.6	5.8	8.6
10/24 10:40	1,850	1,650	1,420	1,664	1,605	-6	1,154	2,046	1,893	1,938	1,860	857	242	765	878	12.2	11.6	10.5	11.3	11.8	8.4	9.9	10.7	10.5	10.6	10.4	7.6	4.6	6.9	7.6
10/24 10:50	1,843	1,791	1,662	1,489	1,571	-6	1,214	2,042	1,777	1,934	1,952	846	191	1,284	836	12.0	11.9	11.4	10.3	11.5	8.6	9.7	10.8	10.0	10.7	10.7	7.1	4.7	8.8	7.3
10/24 11:00	1,498	1,507	1,315	1,479	1,407	-5	1,377	1,580	1,692	1,677	1,848	935	171	792	644	10.6	10.3	9.9	10.3	10.6	8.9	10.4	9.4	9.4	9.5	10.3	7.8	4.0	7.2	7.0
10/24 11:10	1,307	1,139	1,114	998	922	-5	1,138	1,510	1,400	1,222	1,199	317	113	750	609	9.9	9.5	9.0	8.2	8.8	9.1	9.3	9.2	8.7	8.4	8.3	5.2	4.2	7.0	6.9
10/24 11:20	1,426	1,337	1,430	1,181	1,243	-4	1,253	1,618	1,735	1,730	1,766	496	247	1,546	985	10.9	10.2	10.3	9.6	10.5	9.3	10.1	9.9	10.0	10.3	10.5	5.9	5.1	9.7	7.8
10/24 11:30	1,849	1,781	1,381	1,472	1,275	-4	1,238	1,730	1,601	1,528	1,716	416	239	1,143	773	12.7	12.2	10.4	10.3	10.7	9.6	9.8	9.8	9.4	9.3	10.0	6.0	4.9	8.5	7.3
10/24 11:40	1,752	1,573	1,494	1,489	1,440	-3	1,434	1,356	1,403	1,465	1,690	347	133	1,030	662	11.1	11.4	10.4	10.4	11.0	9.8	10.7	8.7	8.9	9.0	9.8	5.2	4.2	8.5	7.0
10/24 11:50	1,183	1,435	1,207	1,315	1,184	-2	1,466	1,170	1,025	928	1,072	187	128	752	552	9.4	10.4	9.6	9.5	9.7	10.0	10.6	8.2	7.9	7.7	7.9	4.4	4.2	6.8	6.2
10/24 12:00	1,067	1,139	1,273	1,358	1,305	293	1,513	938	1,049	721	738	94	40	474	364	9.5	9.6	9.5	10.0	10.5	9.4	10.8	7.8	7.9	7.2	7.0	3.6	3.2	6.4	6.0
10/24 12:10	1,197	1,492	1,344	1,098	1,249	1,040	1,548	1,246	1,141	861	928	122	32	439	342	9.6	10.8	9.7	9.0	10.0	10.4	10.7	8.5	8.2	7.7	7.9	3.8	3.2	6.1	5.8
10/24 12:20	1,208	1,582	1,322	1,317	1,214	1,359	1,765	1,733	1,098	1,144	1,345	262	117	801	500	10.1	10.8	9.5	9.6	9.8	10.4	11.7	9.9	8.2	8.1	8.9	5.0	4.0	7.3	6.8
10/24 12:30	1,494	1,363	1,311	1,240	1,297	1,012	1,187	1,486	1,311	889	920	120	145	875	744	11.0	10.4	10.0	9.7	10.4	9.2	9.2	9.1							

10/24 14:00	1,046	899	758	553	596	578	519	684	351	276	219	97	9	45	46	8.6	8.1	7.6	6.8	7.1	6.7	6.6	6.9	5.4	5.0	4.8	3.8	3.2	3.3	3.5
10/24 14:10	1,190	1,061	772	598	737	739	842	912	518	281	217	1	-8	107	126	9.4	8.9	7.6	6.7	7.3	7.9	8.2	7.6	6.4	5.3	4.6	2.5	3.0	4.1	4.3
10/24 14:20	1,070	1,028	796	708	771	864	940	899	602	434	354	104	1	-6	312	9.2	8.8	7.9	7.2	8.1	8.7	8.3	7.5	6.6	6.1	5.7	3.8	3.1	5.0	5.4
10/24 14:30	683	573	442	279	273	251	227	847	526	574	637	371	200	-6	383	7.8	7.3	6.2	5.8	5.3	5.1	5.0	7.3	6.4	6.5	6.8	6.0	4.5	5.1	6.3
10/24 14:40	510	639	660	397	453	377	259	288	638	764	863	391	102	-6	381	7.1	7.7	7.2	6.1	6.4	6.0	5.1	6.9	6.6	7.0	7.2	6.0	3.5	5.3	5.6
10/24 14:50	668	416	529	446	429	238	224	542	1,166	1,059	1,018	543	360	-6	558	7.5	6.4	6.4	6.2	6.6	4.9	4.8	7.2	8.2	7.8	7.9	6.4	5.4	5.4	6.5
10/24 15:00	409	389	454	331	262	211	135	1,173	1,149	1,196	1,211	688	233	26	666	6.6	6.4	6.2	5.7	5.4	5.1	4.4	8.3	8.1	8.3	8.2	7.2	4.5	5.1	6.9
10/24 15:10	698	500	640	398	368	281	142	1,939	1,182	1,239	1,323	631	198	304	533	7.5	6.5	7.1	6.1	6.3	6.0	4.5	10.3	8.1	8.5	8.6	6.8	4.3	5.2	6.4
10/24 15:20	797	701	734	509	675	434	340	1,689	1,518	1,669	1,691	564	213	761	773	8.0	8.0	7.5	6.6	7.6	6.6	5.8	9.3	9.0	9.3	9.3	6.4	4.1	7.4	7.1
10/24 15:30	667	684	939	533	565	460	357	1,590	1,103	1,110	1,128	384	21	276	474	7.6	7.5	8.1	6.8	7.0	6.6	5.8	9.1	7.9	8.1	8.2	5.7	3.3	4.9	5.9
10/24 15:40	865	882	899	690	594	442	367	1,341	1,726	1,863	1,792	1,219	454	177	899	8.7	8.5	8.0	7.3	7.6	6.1	5.6	8.6	9.6	9.9	9.7	8.7	6.0	4.8	7.7
10/24 15:50	1,324	1,184	651	814	618	294	268	1,722	1,177	1,459	1,664	1,162	645	488	1,410	9.3	9.2	7.1	8.1	7.3	5.2	4.9	9.5	8.1	8.8	9.2	8.3	6.3	5.9	8.6
10/24 16:00	1,432	1,140	614	1,357	937	199	127	1,386	741	1,052	1,471	815	441	828	1,188	10.4	9.3	6.8	9.2	9.0	4.6	4.2	8.7	7.0	7.7	8.8	7.1	5.4	7.3	7.9
10/24 16:10	1,670	1,636	1,277	1,505	964	266	148	897	815	836	1,018	333	174	871	988	11.6	11.6	9.5	10.2	9.0	5.4	4.7	7.5	7.1	7.3	7.9	5.2	4.2	7.2	7.7
10/24 16:20	1,645	1,747	1,451	1,518	1,490	556	388	829	439	698	762	322	140	247	594	11.3	11.0	9.8	9.9	9.9	6.6	6.0	7.2	5.9	6.8	7.1	5.7	4.1	4.8	6.6
10/24 16:30	1,318	1,173	1,481	1,425	1,295	684	688	717	784	989	1,001	479	339	160	656	9.6	9.6	9.9	9.8	9.2	7.6	7.5	7.0	7.0	7.7	7.7	6.3	5.6	4.3	6.9
10/24 16:40	1,266	1,520	1,760	1,750	1,515	772	1,105	1,040	657	596	972	719	787	490	1,054	9.7	9.9	10.7	10.6	10.2	7.6	9.0	7.8	6.8	6.4	7.6	7.1	7.3	6.4	8.1
10/24 16:50	1,156	1,487	1,471	1,383	1,189	755	1,074	967	793	487	503	494	511	281	651	8.8	10.1	9.6	9.4	9.1	7.8	9.1	7.6	7.4	6.2	6.2	6.2	6.0	4.9	6.9
10/24 17:00	869	1,250	1,332	939	988	510	881	777	590	560	606	283	238	147	495	7.9	9.5	9.4	8.5	8.5	6.5	8.6	7.2	6.4	6.5	6.6	5.4	4.9	3.9	6.1
10/24 17:10	562	585	855	619	903	476	671	846	992	596	522	126	94	15	66	7.2	7.0	7.7	6.9	8.2	6.5	7.3	7.5	7.9	6.5	6.4	4.0	3.9	3.2	3.5
10/24 17:20	489	449	689	589	470	614	823	1,495	1,313	1,184	1,292	668	620	269	575	6.7	6.7	7.4	7.2	6.9	7.7	8.8	9.1	8.7	8.5	8.9	7.0	6.6	5.0	6.4
10/24 17:30	1,054	1,054	1,279	1,118	876	775	1,059	1,993	1,645	1,754	1,714	883	907	662	1,371	9.2	9.3	9.3	8.9	8.0	7.7	9.4	10.7	9.5	9.8	9.8	7.2	7.5	6.7	8.8
10/24 17:40	1,282	1,398	1,491	1,346	976	1,106	1,382	1,887	1,520	1,567	1,445	929	1,095	615	1,105	9.9	10.1	10.3	9.7	8.6	9.3	11.0	9.9	9.0	9.1	8.9	7.9	8.1	6.6	8.0
10/24 17:50	1,459	1,600	1,702	1,492	1,075	1,043	1,301	1,994	1,986	1,937	1,902	1,527	1,310	834	1,710	10.4	10.8	10.8	10.0	9.0	9.0	10.5	10.4	10.4	10.3	10.6	9.6	8.7	6.9	9.8
10/24 18:00	1,706	1,653	1,753	1,726	1,310	1,280	1,508	1,731	1,837	1,820	1,708	1,312	1,140	646	1,577	11.2	10.7	10.9	10.8	9.8	9.7	11.3	9.4	9.8	9.6	9.7	8.5	8.2	6.0	9.2
10/24 18:10	1,386	1,552	1,731	1,709	1,347	1,181	1,432	1,900	1,512	1,513	1,560	1,237	881	498	1,457	9.5	10.2	10.4	10.7	10.0	9.2	10.9	10.2	9.2	9.1	9.2	8.6	7.2	5.6	8.8
10/24 18:20	1,559	1,433	1,351	1,315	1,326	703	640	1,444	1,245	1,146	1,471	644	237	488	547	10.7	10.2	9.3	8.8	9.4	6.9	6.8	9.1	8.4	8.2	9.2	6.8	4.7	6.3	6.3
10/24 18:30	1,662	1,455	919	1,171	1,108	531	500	1,394	1,082	1,156	1,155	744	365	326	509	11.2	10.1	7.7	8.6	9.6	6.7	6.8	8.8	7.9	8.1	8.0	7.6	5.3	5.3	6.4
10/24 18:40	1,596	1,391	1,129	1,559	1,365	647	479	1,454	1,432	1,698	1,869	1,242	483	682	1,008	11.1	10.1	8.5	10.0	10.0	7.1	6.2	8.8	8.8	9.8	10.5	8.6	6.0	7.1	8.1
10/24 18:50	1,682	1,665	1,383	1,507	1,432	756	439	1,764	1,497	1,304	1,673	1,155	499	574	981	11.5	10.9	9.6	10.1	10.0	7.1	6.0	10.6	9.1	8.3	9.4	8.3	5.6	6.2	7.8
10/24 19:00	1,816	1,592	1,138	1,295	1,306	807	460	1,672	1,648	1,522	1,869	1,446	635	512	1,113	11.6	10.4	8.9	9.9	9.5	7.6	6.3	9.9	9.6	9.3	10.3	9.2	6.3	6.2	7.9
10/24 19:10	1,829	1,737	1,455	1,726	1,565	903	721	1,845	1,764	1,861	2,013	1,271	340	1,268	968	11.8	11.1	9.9	10.9	10.4	8.1	7.0	10.5	9.9	10.1	10.9	8.7	4.9	8.7	7.7
10/24 19:20	1,787	1,643	1,438	1,446	1,426	837	511	1,975	1,481	1,599	1,754	991	200	616	621	11.2	10.2	9.6	9.7	10.0	8.0	6.3	10.5	8.9	9.1	9.7	8.0	4.2	6.5	6.3
10/24 19:30	1,827	1,609	1,536	1,306	1,291	781	551	2,006	1,418	1,199	1,376	252	48	510	467	11.2	10.5	10.2	9.1	9.4	7.8	6.2	10.3	8.7	8.2	8.8	4.9	3.3	6.4	6.3
10/24 19:40	1,643	1,490	1,411	1,420	1,472	712	401	1,999	1,610	1,401	1,679	860	239	606	844	10.9	9.9	9.7	9.6	10.5	7.4	5.3	10.4	9.2	8.7	9.4	7.8	4.6	6.5	7.6
10/24 19:50	1,122	1,122	760	1,198	1,010	283	186	1,815	1,669	1,634	1,880	1,494	637	571	1,548	9.3	9.3	7.7	9.0	9.2	5.2	4.5	9.9	9.5	9.3	10.1	9.5	6.5	6.2	9.1
10/24 20:00	1,223	959	1,568	1,606	1,678	668	309	1,981	1,975	1,833	1,964	1,524	583	514	1,444	8.7	8.9	10.0	10.3	10.8	6.6	5.2	10.2	10.4	10.1	10.6	9.2	6.1	5.9	8.7
10/24 20:10	1,561	1,097	1,704	1,820	1,894	962	429	1,998	1,995	1,923	1,999	1,685	683	599	1,702	10.3	9.3	10.6	10.7	12.1	7.9	5.7	10.7	10.4	10.0	10.9	9.7	6.4	6.3	9.9
10/24 20:20	1,757	1,160	1,912	1,782	1,760	1,013	412	1,997	1,969	2,005	2,000	1,598	984	599	1,812	11.1	9.5	11.5	10.7	11.4	7.7	5.9	10.6	10.3	11.3	10.9	9.4	7.9	6.4	9.9
10/24 20:30	1,635	1,244	1,811	1,863	1,888	903	417	1,999	2,015	2,000	1,998	1,788	1,162	657	1,897	10.8	9.7	10.9	11.0	12.1	7.6	5.9	11.9	11.1	11.4	11.4	9.8	8.1	6.2	10.1
10/24 20:40	1,627	1,614	1,923	1,770	1,773	906	801	2,000	1,998	1,999	2,000	1,859	1,496	738	2,011	11.1	10.9	11.5	10.9	11.9	8.2	8.0	11.6	11.0	11.4	10.9	10.4	9.3	6.2	10.9
10/24 20:50	1,557	1,714	1,918	1,923	1,878	1,043	1,274	2,000	1,999	1,995	2,000	1,772	1,509	895	1,992	10.9	11.1	11.4	11.6	11.4	8.9	10.1	11.2	11.4	11.5	11.3	10.2	9.1	7.0	10.8
10/24 21:00	1,918	1,775	1,973	1,897	1,716	1,154	1,656	2,000	2,000	1,999	1,998	1,815	1,790	1,193	2,006	12.1	11.7	11.5	11.3	10.3	9.5	12.1	12.6	12.0	11.2	11.5	10.0	9.5	8.0	11.1
10/24 21:10	1,931	1,946	2,006	2,009	1,947	1,189	1,596	2,000	2,000	1,998	2,000	1,882	1,883	1,255	2,000	12.2	12.3	12.0	11.8	11.5	9.8	12.0	12.7	11.3	11.3	11.5	9.9	9.9	8.1	11.6
10/24 21:20	1,849	1,773	1,865	1,850	1,753	1,125	1,647	2,000	2,000	1,																				

10/24 22:50	1,946	1,633	2,018	1,881	1,699	1,964	1,964	2,000	1,940	1,855	2,010	1,688	1,577	1,916	2,016	11.6	10.6	12.1	11.4	11.2	12.6	13.0	10.9	10.2	9.7	10.6	9.1	9.2	10.0	10.8
10/24 23:00	1,912	1,757	1,998	1,918	1,856	1,958	1,897	2,000	1,864	1,872	1,903	1,562	1,258	1,635	1,724	11.3	11.1	11.7	11.8	10.6	12.5	12.5	10.7	10.0	9.7	10.3	9.0	8.4	9.5	9.5
10/24 23:10	16	43	326	7	157	156	16	193	0	57	-1	37	26	166	8	12.2	11.8	12.1	12.3	13.6	13.0	13.5	12.0	12.3	12.0	11.8	9.9	9.1	10.6	11.0
10/24 23:20	-5	-6	-4	-5	-4	-3	-5	-4	-4	-5	-4	-4	-5	-3	-5	12.5	11.9	12.7	12.2	14.1	13.6	14.0	13.1	12.0	12.3	10.9	9.4	9.0	10.4	10.1
10/24 23:30	1,147	1,140	1,170	1,131	864	965	1,216	1,127	1,001	1,049	1,176	778	675	689	1,063	12.1	10.8	11.7	11.0	10.8	11.2	13.1	10.9	9.7	10.0	10.1	8.6	7.6	8.0	9.5
10/24 23:40	1,923	1,835	1,933	1,776	1,345	1,473	1,881	1,869	1,786	1,508	1,707	1,095	882	815	1,423	11.3	10.7	11.2	10.8	8.8	9.8	11.7	9.8	9.5	8.9	9.5	7.9	7.6	7.2	8.6
10/24 23:50	1,761	1,396	1,692	1,612	1,058	1,606	1,794	1,766	1,369	1,309	1,399	821	740	1,073	1,162	10.9	9.5	10.3	10.3	7.5	10.7	11.6	9.5	8.6	8.3	8.5	7.1	7.0	8.2	8.4
10/25 0:00	1,812	1,463	1,735	1,649	1,246	1,775	1,759	1,821	1,595	1,603	1,652	1,081	773	1,035	1,188	11.3	9.7	10.6	10.4	8.4	11.2	11.5	9.4	9.0	9.1	9.2	7.8	7.1	8.0	8.3
10/25 0:10	1,496	1,292	1,570	1,631	1,298	1,742	1,691	1,839	1,599	1,498	1,617	995	675	912	1,101	10.4	9.7	10.1	10.3	8.7	11.1	11.3	9.6	9.2	8.8	9.2	7.7	6.8	7.8	7.9
10/25 0:20	1,499	1,457	1,659	1,675	1,475	1,825	1,734	1,501	1,176	1,276	1,368	948	780	891	982	10.5	10.3	10.4	10.6	9.6	11.6	11.8	8.7	8.0	8.3	8.6	7.8	7.2	7.6	7.7
10/25 0:30	1,305	1,354	1,553	1,414	1,395	1,585	1,551	1,532	1,325	1,296	1,344	912	689	975	1,110	9.7	9.9	10.2	9.9	9.8	11.0	11.1	9.1	8.4	8.3	8.6	7.5	6.8	7.6	7.9
10/25 0:40	1,456	1,416	1,716	1,446	1,439	1,584	1,686	1,638	1,535	1,478	1,698	1,088	864	1,174	1,168	9.8	9.8	10.4	10.0	10.1	10.1	10.4	9.2	8.9	8.7	9.3	7.7	7.1	8.2	8.1
10/25 0:50	1,529	1,473	1,605	1,529	1,202	1,558	1,480	1,409	1,315	1,013	1,157	912	633	745	1,178	9.7	9.8	9.8	9.7	8.3	10.0	10.5	8.6	8.4	7.6	8.0	7.3	6.7	6.7	8.1
10/25 1:00	1,298	1,400	1,452	1,182	792	1,291	1,151	1,297	1,134	1,115	1,316	916	706	864	1,037	9.5	9.6	9.5	8.5	7.1	9.2	9.5	8.4	8.0	7.9	8.3	7.4	6.9	7.6	7.6
10/25 1:10	1,489	1,394	1,659	1,426	988	1,566	1,527	1,476	1,306	1,117	1,249	776	936	1,185	1,077	9.4	9.7	10.1	9.3	7.9	10.1	10.8	8.9	8.3	8.0	8.3	7.1	7.3	8.3	7.8
10/25 1:20	1,581	1,587	1,837	1,603	1,187	1,575	1,458	1,727	1,455	1,292	1,517	1,208	889	1,214	1,534	10.0	10.0	10.9	9.7	9.2	10.1	10.6	9.7	8.9	8.3	9.0	8.3	7.5	8.4	8.8
10/25 1:30	1,471	1,568	1,916	1,710	1,404	1,737	1,515	1,860	1,798	1,741	1,670	1,295	1,194	1,261	1,646	10.3	10.2	11.4	10.4	10.2	11.0	10.9	10.0	9.9	10.0	9.6	8.3	8.1	8.6	9.3
10/25 1:40	468	373	677	435	439	511	518	664	500	525	565	463	283	396	480	11.5	11.1	11.2	10.0	10.5	10.8	11.5	10.6	10.1	9.7	9.5	9.0	7.9	8.8	9.8
10/25 1:50	-5	-4	-5	-4	-4	-2	-3	-3	-2	-2	-4	-1	-5	-3	-3	11.3	11.3	12.1	11.5	12.5	11.9	12.3	10.5	9.8	10.2	9.6	9.1	8.4	9.1	8.8
10/25 2:00	701	797	906	881	634	756	720	901	938	1,011	1,006	750	659	785	908	9.9	10.5	11.0	10.9	10.5	10.8	11.1	9.9	10.1	10.2	9.9	8.3	8.0	9.0	9.4
10/25 2:10	1,711	1,857	1,893	1,884	1,592	1,811	1,716	2,017	1,968	1,895	1,933	1,580	1,442	1,554	1,822	11.0	11.5	11.2	11.1	9.7	11.3	11.5	11.5	10.5	10.2	10.3	9.1	8.7	9.2	9.8
10/25 2:20	1,442	1,717	1,842	1,719	1,363	1,490	1,486	1,865	1,862	1,666	1,729	1,437	1,124	1,015	1,849	10.2	10.4	11.1	10.4	8.6	9.7	10.2	10.1	10.0	9.3	9.6	8.9	8.2	8.0	9.9
10/25 2:30	1,622	1,384	1,460	1,277	980	1,352	1,387	1,721	1,633	1,763	1,564	1,231	1,242	1,349	1,653	10.8	10.0	9.6	9.1	8.5	9.6	10.1	9.7	9.3	9.5	9.3	8.2	8.5	8.8	9.4
10/25 2:40	1,428	1,465	1,703	1,303	960	1,300	1,120	1,613	1,283	1,560	1,267	828	797	918	1,432	9.6	10.1	10.4	9.1	8.1	9.2	9.0	9.1	8.2	9.1	8.2	7.3	7.1	7.7	8.8
10/25 2:50	1,293	1,135	1,473	1,130	848	1,173	1,190	1,516	1,565	1,573	1,713	1,009	1,131	1,166	1,293	8.9	9.3	9.6	8.8	8.1	8.9	9.5	8.9	9.3	9.2	9.8	7.7	8.1	8.5	8.4
10/25 3:00	1,317	1,345	1,397	1,310	1,157	1,201	1,222	1,837	1,438	1,663	1,679	1,252	990	890	1,403	9.6	10.0	9.6	9.0	8.8	9.1	9.7	9.8	8.7	9.3	9.5	8.5	7.7	7.5	8.7
10/25 3:10	1,410	1,448	1,546	1,413	1,040	1,317	1,137	1,893	1,354	1,206	1,377	1,048	990	700	1,226	9.4	9.9	9.8	9.0	7.7	9.2	9.0	10.0	8.8	8.4	8.7	7.8	7.5	7.2	8.2
10/25 3:20	1,014	1,413	1,226	1,491	967	1,298	1,197	1,591	1,415	1,296	1,221	752	703	-6	1,060	8.3	9.6	8.9	9.4	7.2	9.0	9.2	9.2	8.8	8.4	8.2	7.0	7.0	7.5	7.7
10/25 3:30	1,135	995	1,530	1,574	1,143	1,408	1,472	1,530	1,597	1,429	1,622	1,286	782	-4	1,191	8.4	8.2	10.2	10.2	8.5	9.7	9.9	8.9	9.3	8.6	9.5	8.6	7.1	7.7	8.3
10/25 3:40	1,011	1,118	1,548	1,242	908	1,286	1,312	1,566	1,115	1,223	1,547	1,183	879	-4	966	9.0	9.1	9.8	8.7	7.7	9.3	9.6	9.1	8.0	8.2	9.2	8.2	7.3	8.2	7.5
10/25 3:50	1,119	970	1,265	1,214	609	968	1,077	1,199	1,380	1,049	1,362	847	992	-4	1,097	8.5	8.3	8.8	8.6	6.4	8.3	8.8	8.2	8.6	7.7	8.6	7.3	7.7	8.3	8.1
10/25 4:00	1,073	1,024	1,412	1,014	659	1,138	1,251	1,550	1,392	1,245	1,112	826	689	-4	832	8.4	8.6	9.3	7.9	7.1	9.2	9.5	9.1	8.5	8.2	7.9	7.2	6.8	7.4	7.3
10/25 4:10	928	1,030	1,187	1,211	834	1,129	1,199	1,010	985	1,190	987	624	736	-5	801	8.1	8.7	8.9	8.5	7.8	9.0	9.6	7.6	7.6	8.0	7.5	6.9	7.2	7.5	7.1
10/25 4:20	835	1,028	1,040	838	504	829	1,024	1,108	764	806	664	499	560	-5	749	8.1	8.8	8.1	7.4	6.3	7.8	8.6	8.2	7.1	7.2	6.9	6.4	6.4	7.1	7.1
10/25 4:30	759	722	610	653	458	665	736	1,579	1,125	1,151	1,484	981	792	-4	723	7.3	7.4	6.6	6.8	6.2	7.2	7.6	9.3	8.3	8.3	9.2	7.8	7.2	7.1	6.9
10/25 4:40	722	713	674	830	619	280	372	1,963	1,905	1,934	1,966	1,530	1,176	-4	1,527	8.0	7.9	7.1	7.4	6.3	5.1	6.0	11.3	10.5	10.3	10.8	9.2	8.6	6.1	9.4
10/25 4:50	818	883	769	1,114	759	655	767	1,735	1,770	1,588	1,613	1,092	1,361	-4	1,747	8.1	8.4	7.8	8.6	7.4	7.6	8.6	10.0	9.8	9.2	9.4	7.9	8.7	7.8	9.9
10/25 5:00	1,476	1,088	1,563	1,098	723	772	1,058	1,723	1,589	1,889	1,637	1,405	1,305	-4	1,715	9.9	9.1	9.9	8.4	6.9	8.2	9.3	9.5	9.3	10.1	9.3	8.6	8.2	7.0	9.6
10/25 5:10	804	1,045	1,306	1,368	828	983	1,097	1,544	1,644	1,464	1,420	1,148	1,052	-5	1,481	7.8	9.1	9.1	9.6	7.7	7.9	9.8	9.2	9.4	8.7	8.5	8.0	7.5	7.2	8.9
10/25 5:20	776	789	943	945	532	1,041	904	2,002	1,394	1,494	1,670	1,129	969	-5	1,318	8.0	7.9	8.3	8.1	6.4	8.6	9.2	10.5	8.7	8.9	9.7	8.0	7.5	7.5	8.5
10/25 5:30	996	678	893	1,155	607	967	980	2,005	1,802	1,861	1,957	1,661	1,147	-4	1,655	8.3	7.5	7.8	8.8	6.2	8.2	9.4	11.1	10.3	10.0	10.7	9.4	8.3	7.7	9.5
10/25 5:40	1,008	621	1,299	1,295	646	886	1,000	1,992	2,015	1,819	1,983	1,516	1,414	-4	1,718	8.3	7.2	9.4	9.4	6.3	7.7	9.4	11.5	11.2	10.2	10.8	9.0	8.6	6.2	9.3
10/25 5:50	741	623	1,124	1,077	543	917	911	2,001	1,876	2,002	1,828	1,103	675	-5	1,021	7.6	7.5	8.8	8.6	6.5	8.2	8.5	11.7	10.2	10.6	10.4	8.2	6.8	6.5	7.9
10/25 6:00	1,014	931	999	1,178	548	813	1,028	1,996	2,017	1,916	1,903	1,690	1,828	-5	1,915	8.5	8.4	8.1	9.2	6.3	8.1	8.7	10.8	10.8	10.1	10.5	9.3	10.1	9.0	10.1

10/25 7:40	1,702	1,730	1,970	1,785	1,339	1,460	1,256	1,999	1,915	2,014	2,005	1,945	1,673	1,780	1,947	11.6	10.8	11.6	11.1	9.0	10.4	9.9	10.6	10.1	10.5	10.9	10.3	9.2	10.4	10.5
10/25 7:50	1,583	1,589	1,705	1,771	1,488	1,523	1,338	1,989	1,868	1,965	1,925	1,678	1,695	1,621	1,779	10.6	10.6	10.7	11.1	9.7	10.9	10.6	10.6	10.2	10.2	10.1	9.5	9.4	10.4	9.4
10/25 8:00	1,744	1,593	1,843	1,809	1,488	1,647	1,244	1,684	1,468	1,648	1,869	1,486	1,505	1,696	1,839	11.2	10.2	11.0	11.2	9.5	10.4	9.8	9.4	8.9	9.1	10.1	8.8	9.0	10.4	9.8
10/25 8:10	1,748	1,612	1,856	1,554	1,370	1,675	1,232	1,965	1,252	1,833	1,871	1,629	1,418	1,354	1,663	11.0	10.5	11.2	10.2	9.4	10.4	9.9	10.9	8.2	9.6	9.8	9.3	8.7	8.9	9.1
10/25 8:20	1,738	1,806	1,691	1,731	1,531	1,551	1,452	2,000	1,449	1,538	1,659	1,418	1,265	1,390	1,648	11.0	11.3	10.6	10.7	9.9	10.1	10.5	11.1	8.9	9.0	9.5	8.9	8.3	9.2	9.0
10/25 8:30	1,847	1,692	1,889	1,887	1,593	1,672	1,545	1,924	1,624	1,695	1,632	1,285	1,633	1,748	1,667	11.6	11.2	11.6	11.5	10.1	10.7	10.8	10.4	9.1	9.3	9.4	8.5	9.2	10.2	9.0
10/25 8:40	1,999	1,959	1,960	1,834	1,836	1,916	1,534	2,011	1,601	1,660	1,737	1,688	1,611	1,809	1,858	13.3	12.2	11.8	11.5	11.1	11.6	11.0	10.8	9.5	9.2	9.6	9.4	9.0	10.3	9.8
10/25 8:50	1,783	1,932	1,998	1,833	1,644	1,693	1,471	1,999	1,777	1,926	1,561	1,818	1,675	1,659	2,005	11.7	11.8	12.4	11.6	10.2	10.6	10.7	11.8	10.1	10.4	9.3	9.9	9.3	9.8	10.2
10/25 9:00	1,733	1,794	1,815	1,657	1,447	1,691	1,751	1,995	1,561	1,603	1,482	1,608	1,613	1,773	1,934	11.5	11.5	11.5	10.9	9.8	10.7	11.9	11.1	9.4	9.3	9.0	9.3	9.2	10.1	10.5
10/25 9:10	1,849	1,647	1,967	1,945	1,778	1,598	1,246	1,665	1,122	1,337	1,430	1,635	1,607	1,791	1,787	12.4	10.9	11.7	11.9	10.8	10.3	9.8	9.2	8.0	8.6	8.8	9.3	9.3	10.1	9.8
10/25 9:20	1,959	1,837	1,878	1,797	1,726	1,730	1,662	1,845	910	1,413	1,595	1,250	1,451	1,665	1,886	13.5	11.7	11.5	11.2	11.0	11.1	11.7	9.9	7.7	8.8	9.1	8.3	8.9	9.9	10.4
10/25 9:30	1,995	1,859	1,848	1,695	1,342	1,365	1,359	1,966	1,276	1,190	1,300	1,461	1,566	1,896	1,983	13.3	11.7	11.3	11.0	9.5	9.6	10.3	10.6	8.4	8.2	8.6	9.1	9.2	10.7	10.7
10/25 9:40	1,899	1,741	1,852	1,613	1,413	1,401	1,566	1,966	1,197	1,545	1,530	1,784	2,010	2,016	2,011	12.4	11.2	11.7	11.0	10.0	10.2	10.6	10.5	8.4	9.0	9.0	9.8	10.5	11.4	11.3
10/25 9:50	1,686	1,624	1,878	1,821	1,736	1,717	1,561	1,775	1,547	1,792	1,889	1,731	1,774	1,863	1,999	11.5	10.6	11.3	11.3	11.2	11.3	10.6	9.8	9.2	10.1	10.4	10.0	9.5	10.6	10.8
10/25 10:00	1,490	1,533	1,738	1,185	1,293	1,519	1,298	1,871	1,102	1,391	1,248	1,224	1,104	1,042	1,484	10.3	10.3	10.9	9.4	9.7	10.3	10.7	9.9	7.9	8.7	8.6	8.5	8.0	8.2	9.0
10/25 10:10	1,791	1,651	1,850	1,681	1,668	1,725	1,702	1,198	852	1,328	1,734	1,407	1,184	1,369	1,786	11.6	10.7	11.3	10.8	10.6	10.7	11.2	8.2	7.3	8.5	9.8	8.6	8.3	9.2	10.0
10/25 10:20	1,831	1,927	1,922	1,598	1,860	1,917	1,990	1,678	1,228	1,657	1,817	1,615	1,620	1,484	1,793	12.1	12.0	11.4	10.2	11.3	11.3	12.0	9.5	8.5	9.3	9.6	9.3	9.3	9.5	9.8
10/25 10:30	1,852	1,884	1,985	1,743	1,810	1,987	1,984	1,929	1,741	1,780	1,850	1,878	1,962	1,958	1,963	12.2	12.5	12.6	11.3	11.4	11.9	11.9	10.1	9.6	9.5	10.5	9.9	10.2	11.3	10.6
10/25 10:40	1,981	1,988	1,988	2,000	1,843	1,757	1,866	1,993	1,912	1,867	1,915	1,634	1,807	1,794	1,997	13.1	12.7	12.7	12.1	11.3	11.0	11.9	11.1	10.1	10.0	10.2	9.0	9.9	10.4	10.3
10/25 10:50	1,926	1,871	1,978	1,857	1,918	1,836	2,007	1,897	1,712	1,937	1,924	1,679	1,942	1,934	1,938	12.1	11.8	12.2	11.7	11.7	11.3	12.3	10.0	9.3	9.8	10.3	9.3	10.2	11.1	10.5
10/25 11:00	1,995	1,917	1,831	1,948	1,980	1,974	1,809	1,983	1,658	2,018	1,952	1,786	1,596	1,574	1,943	13.1	11.8	11.3	12.0	12.0	11.9	11.1	10.3	9.2	10.5	10.4	9.6	9.2	9.8	10.3
10/25 11:10	1,899	1,983	1,966	1,713	1,845	1,801	1,758	1,895	1,892	1,999	1,945	1,942	1,802	1,800	1,880	12.1	12.8	12.4	11.5	11.7	11.5	11.7	10.0	9.9	10.6	10.6	10.6	9.5	10.7	10.0
10/25 11:20	1,801	1,807	1,917	2,019	1,980	1,970	1,888	1,912	1,987	1,906	1,949	1,851	1,913	1,854	1,996	11.6	12.1	11.7	12.7	12.0	12.1	12.7	10.2	10.3	10.0	10.7	9.8	10.3	10.9	10.8
10/25 11:30	1,552	1,696	1,961	1,714	1,825	1,869	1,566	1,934	1,835	1,932	1,495	1,780	1,691	608	1,733	10.4	11.5	11.7	10.8	11.1	11.5	11.1	10.3	9.7	10.3	9.1	9.5	9.4	7.6	9.7
10/25 11:40	1,613	1,524	1,976	1,905	1,904	1,887	1,499	1,867	1,553	1,879	1,928	1,920	2,014	53	1,734	10.9	10.7	11.9	11.7	11.8	11.7	10.7	10.2	9.2	10.0	10.6	10.5	10.7	6.5	9.7
10/25 11:50	1,667	1,178	1,571	1,592	1,737	1,767	1,515	1,821	1,896	1,696	1,898	1,941	1,785	42	1,895	11.1	9.3	10.1	10.5	11.2	11.2	11.2	9.8	10.0	9.6	10.2	10.4	9.9	7.0	10.2
10/25 12:00	1,323	1,318	1,549	1,536	1,633	1,537	1,483	1,983	1,133	1,653	1,975	1,841	1,284	31	1,302	9.5	9.9	10.1	10.4	10.8	10.7	11.3	10.5	8.0	9.5	10.6	9.9	8.4	7.6	8.7
10/25 12:10	1,262	1,383	1,494	1,479	1,733	1,664	1,805	1,811	1,874	1,971	1,732	1,483	1,700	19	1,630	9.8	9.9	10.3	10.3	11.3	11.1	12.1	10.4	10.2	10.6	10.0	9.1	9.4	8.1	9.1
10/25 12:20	1,247	1,425	1,519	1,541	1,640	1,634	1,670	1,817	1,816	1,435	1,331	1,344	1,296	8	1,395	9.5	10.2	10.4	10.5	10.8	10.9	10.5	9.9	9.8	8.7	8.5	8.8	8.4	8.6	8.6
10/25 12:30	1,174	1,448	1,713	1,625	1,635	1,457	1,632	1,742	1,718	1,857	1,853	1,583	1,217	-3	1,917	9.5	10.1	10.8	10.6	11.0	10.2	11.2	9.7	9.6	10.3	9.9	9.3	8.3	9.2	10.3
10/25 12:40	1,320	1,564	1,737	1,334	1,507	1,374	1,630	2,016	1,611	1,796	1,723	1,665	1,766	731	1,626	9.8	10.4	10.6	9.7	10.5	9.9	10.9	10.9	9.2	10.0	9.8	9.5	9.4	10.3	9.3
10/25 12:50	1,625	1,536	1,557	1,289	1,617	1,562	1,466	1,998	1,954	1,896	1,818	1,465	1,537	1,469	1,792	11.5	10.8	10.4	9.7	10.8	10.5	10.2	11.2	10.6	10.1	9.9	9.1	8.9	9.0	10.0
10/25 13:00	1,744	1,696	1,569	1,481	1,637	1,609	1,776	1,991	1,964	1,687	1,585	1,761	1,822	1,714	1,886	11.4	10.9	10.5	10.0	10.7	10.6	11.5	10.8	10.3	9.7	9.3	9.4	9.9	10.1	10.0
10/25 13:10	1,710	1,502	1,693	1,715	1,755	1,515	1,538	1,733	1,778	1,636	1,753	1,750	1,517	1,774	1,778	11.3	10.6	10.9	11.1	11.1	10.5	10.7	9.7	9.9	9.6	9.6	10.0	8.9	10.0	10.2
10/25 13:20	1,686	1,364	1,676	1,630	1,716	1,270	1,101	1,897	1,824	1,761	1,863	1,566	1,763	1,959	1,970	11.6	10.1	10.7	10.9	10.9	9.5	9.3	10.1	10.3	10.0	10.5	9.4	9.7	11.2	10.5
10/25 13:30	1,720	1,762	1,884	1,728	1,798	1,724	1,869	1,906	1,537	1,980	2,009	1,970	1,945	1,917	1,990	11.8	11.9	11.6	11.4	11.5	11.6	12.3	10.9	9.0	11.7	11.1	10.8	10.6	11.0	10.9
10/25 13:40	1,971	1,873	1,872	1,870	1,905	1,950	1,967	2,000	1,920	1,998	1,893	1,900	1,918	1,957	1,819	13.0	12.3	11.6	11.3	11.7	12.6	13.1	11.7	10.4	11.3	10.9	10.8	10.4	11.4	10.6
10/25 13:50	1,789	1,632	1,952	1,621	1,795	1,858	1,893	2,000	1,806	1,976	2,004	2,008	1,960	1,979	2,005	11.8	11.6	11.9	10.5	11.4	12.2	12.6	12.6	10.0	10.4	12.2	11.9	11.1	11.4	11.6
10/25 14:00	1,959	1,881	1,874	1,843	1,948	1,959	1,743	2,000	1,972	1,926	1,994	1,765	1,856	1,984	1,973	13.2	11.9	12.1	11.8	12.3	12.0	11.3	12.0	11.0	10.6	10.9	9.9	10.1	11.6	11.3
10/25 14:10	1,786	1,970	2,018	1,900	1,990	2,006	1,997	1,921	1,277	1,717	1,894	2,001	1,828	1,714	1,714	11.9	12.8	13.0	12.4	13.0	12.9	12.9	10.7	8.5	9.6	10.8	11.1	10.2	10.4	9.9
10/25 14:20	1,849	1,681	1,928	1,950	1,834	1,874	1,957	1,987	1,748	1,729	1,928	1,782	1,638	1,630	1,517	11.5	11.7	12.1	12.4	12.2	12.1	12.5	10.9	9.9	9.6	10.8	9.9	9.3	9.9	9.3
10/25 14:30	1,539	1,609	1,984	1,619</																										

10/25 16:30	1,990	1,949	2,002	1,925	1,935	1,419	1,556	2,000	2,000	2,000	1,999	1,999	1,999	2,001	2,000	13.7	12.8	13.3	12.6	12.3	10.1	10.4	13.0	11.0	12.5	12.5	12.0	11.7	12.4	12.9
10/25 16:40	1,984	2,019	1,979	1,890	1,867	1,320	1,455	2,000	1,937	1,998	1,993	1,999	1,965	2,001	1,999	13.3	12.6	12.5	12.2	11.8	9.7	10.2	12.6	11.2	11.1	11.4	11.9	11.6	11.8	11.7
10/25 16:50	1,736	1,970	1,937	1,869	1,923	1,281	983	2,000	1,995	2,000	2,008	2,001	2,000	1,997	1,999	11.6	12.7	12.5	12.2	12.1	9.7	8.4	13.1	11.8	12.1	11.8	11.6	11.6	12.6	12.3
10/25 17:00	1,963	1,690	1,814	1,967	1,983	1,617	1,532	2,000	2,000	1,999	1,999	2,000	1,999	2,005	1,999	13.4	10.8	11.5	12.5	12.5	10.8	10.2	14.3	12.2	12.5	12.0	11.5	12.0	13.6	13.4
10/25 17:10	1,957	1,794	1,927	2,006	2,019	1,771	1,770	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	13.1	12.0	12.4	13.6	13.8	11.6	11.3	13.9	12.9	13.7	12.7	11.9	11.8	12.9	12.3
10/25 17:20	1,859	1,763	2,013	1,930	1,929	1,552	1,452	2,000	1,999	2,000	2,000	1,999	1,999	2,000	1,998	12.3	11.4	12.0	12.4	12.2	10.8	9.9	14.2	12.1	13.8	13.2	12.4	12.1	12.5	12.0
10/25 17:30	1,968	1,736	1,689	1,889	1,849	1,702	1,732	2,000	2,000	2,000	1,999	1,998	2,000	1,991	1,999	12.6	11.3	10.7	11.8	11.9	11.5	11.0	12.8	12.2	11.9	12.2	12.0	11.5	12.3	12.3
10/25 17:40	1,768	1,574	1,797	1,674	1,537	1,282	1,274	2,000	1,998	2,000	2,000	1,872	1,959	2,009	2,000	11.2	10.7	11.6	10.5	10.4	9.6	9.3	13.4	11.5	12.4	12.1	10.0	11.1	12.0	11.7
10/25 17:50	1,476	1,863	1,615	1,524	1,629	1,604	1,518	1,999	2,000	1,999	2,000	2,016	2,008	2,000	1,961	10.3	11.3	10.8	10.2	11.0	10.7	10.2	11.7	12.2	12.3	12.4	11.5	11.5	11.9	10.6
10/25 18:00	1,726	1,736	1,871	1,458	1,384	1,721	1,534	2,000	1,999	2,000	2,000	1,988	1,999	2,001	2,009	11.4	11.1	11.6	10.2	10.0	11.3	10.7	12.9	11.4	12.5	12.5	10.5	11.5	12.3	12.4
10/25 18:10	1,840	1,817	1,974	1,758	1,561	1,574	1,854	2,000	1,986	1,999	1,992	1,921	1,997	2,000	1,999	12.2	11.3	12.3	11.2	11.3	10.9	12.0	12.8	11.5	12.0	11.2	10.8	10.8	12.0	12.3
10/25 18:20	1,852	1,975	1,854	1,867	1,845	1,968	1,823	2,000	2,014	1,999	1,999	1,891	1,922	1,967	1,968	12.4	12.0	11.7	11.7	12.1	12.3	11.8	12.5	11.8	12.3	12.0	10.3	10.3	11.2	11.3
10/25 18:30	2,000	1,962	1,976	1,868	1,847	1,883	1,717	2,000	2,000	2,001	2,000	2,015	1,728	1,830	1,903	13.2	13.5	12.5	12.0	11.6	12.2	11.4	12.5	11.3	11.8	12.5	11.1	9.9	10.5	10.0
10/25 18:40	1,930	1,924	2,000	2,010	1,880	1,812	1,924	2,000	1,993	1,999	1,997	1,979	1,938	1,804	2,018	13.2	12.8	13.3	12.6	12.0	11.7	12.5	12.0	10.7	11.7	11.5	11.1	10.6	10.4	12.1
10/25 18:50	2,008	1,996	1,983	1,941	1,853	1,833	1,854	2,000	2,005	1,999	2,000	1,978	1,907	1,991	2,000	13.2	13.6	12.9	12.5	12.5	11.7	12.3	12.9	11.1	11.4	12.3	10.9	10.4	11.8	11.9
10/25 19:00	1,975	1,879	1,952	2,011	2,001	1,807	1,884	2,000	1,998	2,000	2,000	1,957	1,776	1,941	1,998	13.2	12.3	12.2	13.1	13.0	12.3	12.5	13.3	11.9	11.0	12.8	10.9	9.7	11.7	11.4
10/25 19:10	1,897	1,895	1,987	1,905	1,853	1,900	1,841	2,000	2,001	2,000	1,999	1,998	1,879	1,981	2,000	12.6	12.2	12.9	12.1	11.9	12.6	12.1	13.2	12.1	12.6	11.7	10.7	10.8	11.7	12.2
10/25 19:20	1,898	1,973	1,979	1,802	1,800	1,990	2,005	2,000	2,000	1,999	2,000	2,000	1,998	1,976	2,002	12.5	13.1	13.4	11.6	12.0	13.3	13.0	13.9	11.6	12.3	13.1	11.7	11.0	11.6	11.4
10/25 19:30	1,708	1,808	1,966	1,956	1,804	1,857	1,755	2,000	2,000	2,000	1,999	1,984	2,000	2,008	1,999	11.2	12.5	12.7	12.6	12.7	12.2	11.3	14.0	12.0	12.4	12.5	11.0	11.6	12.4	11.7
10/25 19:40	1,858	1,856	1,997	1,918	1,830	1,767	1,754	2,000	1,999	1,999	2,000	1,946	1,875	1,995	1,999	12.3	12.0	12.7	12.2	12.0	12.0	11.5	13.6	12.3	12.9	12.5	10.4	10.2	11.1	12.1
10/25 19:50	1,968	2,003	1,998	1,719	1,473	1,686	1,693	2,000	2,000	2,000	1,999	2,013	1,857	1,941	1,999	12.7	13.3	13.1	11.3	10.3	11.4	11.5	15.4	12.5	13.6	13.8	12.1	11.2	11.9	11.5
10/25 20:00	1,698	1,884	1,998	1,941	1,832	1,781	1,754	2,000	1,999	2,000	2,000	1,915	1,985	2,001	11.2	12.2	12.7	12.3	11.4	11.8	11.4	14.4	13.4	13.5	13.4	12.0	10.7	11.6	12.0	
10/25 20:10	1,923	1,868	1,909	1,943	1,826	1,925	1,828	2,000	2,000	2,000	2,000	1,988	1,950	1,957	2,000	13.0	12.0	12.1	12.1	11.5	12.2	11.6	14.8	14.1	13.7	13.7	10.9	11.4	11.7	12.0
10/25 20:20	1,984	1,937	2,003	1,976	1,843	1,977	1,849	2,000	2,000	2,000	2,000	1,999	2,013	2,016	2,000	12.8	12.8	12.5	12.3	11.4	13.0	11.8	15.1	13.8	15.2	15.3	12.9	12.1	13.0	13.0
10/25 20:30	1,931	1,938	1,918	1,897	1,792	1,800	1,924	2,000	2,000	2,000	2,000	2,000	2,002	1,994	1,999	13.2	12.1	12.4	12.1	11.3	11.9	12.3	14.9	14.6	14.2	13.7	12.7	12.1	13.2	13.0
10/25 20:40	1,818	1,931	1,946	2,005	1,974	1,902	1,914	2,000	1,999	2,000	2,000	2,000	1,985	2,000	1,999	12.1	13.0	13.0	13.1	12.1	12.7	12.8	15.1	15.5	15.8	15.6	13.3	12.5	12.9	13.5
10/25 20:50	1,968	1,947	2,021	1,983	1,924	1,777	1,855	2,000	2,000	2,000	2,000	1,996	2,015	2,000	2,000	13.5	13.3	14.6	14.1	12.5	12.2	12.9	14.7	14.6	14.4	14.0	13.3	12.9	13.4	14.4
10/25 21:00	1,678	1,937	2,000	1,999	2,002	1,992	2,007	2,000	2,000	1,999	2,000	1,999	1,997	2,001	1,999	11.6	12.1	13.5	14.7	13.2	13.5	14.1	15.2	12.9	14.1	13.7	14.6	13.5	14.4	14.7
10/25 21:10	1,790	1,979	1,999	1,998	1,991	1,926	1,905	2,000	2,000	2,000	2,000	1,965	2,001	2,000	1,999	12.0	13.1	13.4	14.1	13.2	13.5	14.2	15.2	14.3	14.0	12.9	11.4	12.2	13.7	14.1
10/25 21:20	1,719	1,953	1,950	1,960	1,769	1,496	1,531	2,000	2,000	2,000	1,999	2,017	1,999	1,994	1,989	11.7	12.2	13.0	12.8	11.8	10.5	11.0	13.6	13.3	12.4	12.3	12.1	11.3	12.1	11.8
10/25 21:30	1,732	1,759	1,919	1,990	1,922	1,773	1,707	2,000	2,000	2,000	2,001	1,907	1,949	1,923	1,999	11.4	11.6	11.8	13.1	11.9	12.0	11.7	14.4	12.3	13.1	12.3	11.3	11.6	12.2	12.5
10/25 21:40	1,638	1,922	1,928	1,914	1,800	1,607	1,643	1,999	2,000	2,000	2,000	1,990	1,961	1,961	1,956	11.1	12.9	13.4	12.7	11.7	11.3	11.5	12.6	12.8	13.5	13.5	12.0	11.2	11.0	11.5
10/25 21:50	1,297	1,441	1,955	1,878	1,813	1,657	1,804	1,999	2,000	2,000	1,999	1,974	1,936	1,910	1,934	9.9	10.3	12.3	12.9	11.7	11.4	12.1	13.5	13.2	12.0	13.0	12.0	11.5	11.4	12.0
10/25 22:00	1,442	1,688	1,750	1,656	1,410	1,186	1,397	2,001	2,000	2,000	1,996	1,937	1,715	1,406	1,971	10.4	11.3	11.3	10.9	10.1	9.4	10.2	13.7	13.9	14.2	13.8	11.4	9.9	9.5	11.3
10/25 22:10	893	1,924	1,803	1,772	1,518	960	943	2,000	1,997	1,927	1,996	1,889	1,787	1,660	1,994	9.0	12.6	11.6	11.1	10.6	7.9	8.4	11.9	11.8	10.7	11.3	10.7	10.1	9.9	11.8
10/25 22:20	1,549	1,832	1,460	1,578	1,302	1,070	1,064	1,985	1,964	2,006	1,919	1,999	1,946	1,655	1,841	11.3	11.7	9.9	10.4	10.0	9.3	9.6	12.5	10.9	11.1	11.6	11.2	10.4	9.5	11.1
10/25 22:30	1,574	1,287	1,160	1,125	872	799	877	2,011	1,988	2,005	2,007	1,898	1,672	1,541	1,984	11.2	9.3	8.7	9.0	8.0	7.6	8.1	12.3	11.2	12.3	12.6	10.5	9.7	9.6	11.8
10/25 22:40	1,234	1,426	1,113	1,236	1,053	1,118	1,348	1,999	1,898	2,000	1,972	1,456	1,223	1,090	1,753	9.7	9.9	9.0	9.3	8.4	8.9	9.6	12.0	10.5	11.7	11.0	8.9	8.6	8.5	10.3
10/25 22:50	1,452	1,802	1,717	1,375	1,222	1,234	1,396	1,999	2,017	2,000	1,911	1,277	1,203	875	1,760	10.5	11.8	11.3	9.9	9.4	9.5	9.9	11.3	11.8	11.8	10.5	8.6	8.1	6.7	10.2
10/25 23:00	1,348	1,522	1,803	1,820	1,663	1,417	1,619	2,000	1,950	1,912	1,993	1,715	1,525	937	1,746	9.7	10.7	11.7	11.9	10.8	10.4	10.8	12.1	10.9	11.3	12.0	10.0	9.4	7.7	9.7
10/25 23:10	1,112	1,262	1,603	1,651	1,480	1,455	1,667	1,999	1,973	1,994	1,997	1,559	1,404	766	1,526	9.1	9.8	10.4												

10/26 1:20	1,563	1,508	1,594	1,546	1,245	1,492	1,606	1,985	1,812	2,006	1,747	1,294	1,314	944	1,637	10.7	10.8	10.4	10.4	9.1	10.3	11.1	11.6	9.8	10.8	10.0	8.4	8.7	7.2	9.2
10/26 1:30	1,720	1,744	1,747	1,648	1,101	1,470	1,653	1,962	1,815	1,588	1,551	1,039	1,096	1,145	1,795	11.1	11.0	10.8	10.6	8.6	10.0	11.4	11.1	9.9	9.2	9.5	8.0	8.0	8.1	9.9
10/26 1:40	1,610	1,561	1,912	1,507	1,240	1,610	1,634	1,859	1,439	1,624	1,719	1,623	1,627	1,655	1,877	10.9	10.9	11.6	10.3	9.5	10.9	11.5	10.0	8.8	9.3	9.8	9.4	9.3	10.2	10.1
10/26 1:50	1,330	1,461	1,618	1,426	1,092	1,273	1,490	1,974	1,785	1,568	1,513	1,232	1,628	1,677	1,931	9.9	10.0	10.4	9.8	8.6	9.8	10.1	11.1	9.9	9.2	9.2	8.4	9.1	9.8	10.1
10/26 2:00	1,734	1,577	1,413	1,162	794	1,153	1,129	1,949	1,449	1,601	1,950	1,554	1,283	1,234	1,745	11.4	10.4	9.6	9.1	7.8	9.5	8.9	10.8	8.7	9.4	10.4	9.5	8.3	8.3	9.5
10/26 2:10	1,379	1,243	1,278	1,372	1,177	1,498	1,583	1,984	1,668	1,312	1,599	1,536	1,252	1,163	1,448	10.1	9.5	9.5	9.9	9.2	10.7	10.5	10.9	9.4	8.4	9.1	9.1	8.4	8.1	9.1
10/26 2:20	1,520	1,455	1,527	1,169	1,085	1,201	1,422	1,953	2,010	2,002	1,685	1,306	1,600	1,675	1,873	10.4	10.3	10.1	9.0	8.9	9.6	10.0	10.2	10.8	10.9	9.9	8.3	9.2	9.8	10.2
10/26 2:30	920	1,367	1,455	1,229	1,088	1,114	1,042	2,010	1,969	1,875	1,958	1,859	1,713	1,613	1,759	8.6	10.2	9.8	9.4	9.1	9.4	8.9	12.0	10.6	10.4	10.4	9.8	9.4	9.6	9.8
10/26 2:40	938	1,148	1,411	1,072	1,218	1,011	983	1,991	1,829	1,734	1,935	1,667	1,612	1,509	1,842	8.2	9.4	9.4	8.8	9.0	8.6	8.9	11.0	9.7	9.6	10.4	9.3	9.2	9.5	10.0
10/26 2:50	1,080	995	922	998	1,074	1,028	1,028	2,009	1,699	1,797	1,982	1,716	1,330	1,048	1,431	8.6	8.8	7.9	8.3	8.7	8.8	8.9	11.1	9.7	9.6	10.4	9.6	8.6	7.6	8.8
10/26 3:00	1,233	758	1,124	1,142	882	1,038	944	1,998	1,489	1,691	1,429	1,203	1,125	1,044	1,436	9.1	7.9	8.6	8.6	8.2	8.6	8.2	10.9	8.8	9.4	8.8	8.3	8.1	7.9	8.7
10/26 3:10	933	1,040	1,110	938	892	1,090	1,232	1,881	1,699	1,435	1,458	1,191	1,105	1,231	1,769	8.3	9.1	8.6	8.1	8.2	9.0	9.6	10.2	9.5	8.8	8.8	8.4	8.0	8.0	9.6
10/26 3:20	1,458	1,346	1,367	932	911	996	998	1,930	1,318	1,429	1,716	1,266	1,224	1,224	1,176	9.9	9.8	9.4	8.3	8.4	8.6	8.7	10.2	8.4	8.7	9.7	8.3	8.5	8.6	8.2
10/26 3:30	1,321	1,189	1,212	1,136	1,008	1,062	1,132	1,999	1,635	1,590	1,681	1,210	1,271	1,457	1,156	9.2	9.5	9.0	8.4	8.5	8.7	9.1	10.4	9.1	9.2	9.7	8.4	8.5	9.5	8.1
10/26 3:40	912	1,079	1,336	1,021	860	833	979	1,797	1,423	1,302	1,177	1,198	920	805	1,052	8.4	9.2	9.5	8.6	8.0	7.9	8.7	9.8	8.8	8.5	8.1	8.3	7.7	7.0	7.7
10/26 3:50	870	1,016	1,266	1,023	713	732	1,104	1,841	1,551	1,515	1,403	734	783	770	1,026	7.8	8.9	9.2	8.4	7.4	7.6	9.2	10.0	9.0	8.9	8.7	7.1	7.1	6.9	7.6
10/26 4:00	1,413	1,518	1,386	1,467	1,117	1,421	1,512	1,979	1,053	1,497	1,183	638	634	731	1,058	10.2	10.5	9.4	9.7	8.4	9.8	10.3	10.3	7.9	8.9	8.3	6.8	6.9	7.1	7.9
10/26 4:10	1,141	1,455	1,275	1,177	816	840	998	1,736	1,401	1,774	1,671	1,043	923	754	1,399	9.0	9.7	9.3	8.5	7.3	8.0	8.3	9.7	8.5	9.5	9.7	8.0	7.7	6.9	9.0
10/26 4:20	1,488	1,185	1,346	1,106	732	752	960	1,784	1,532	1,655	1,256	979	907	713	1,643	10.6	9.6	9.3	8.7	7.3	7.7	8.2	9.6	8.9	9.4	8.5	7.7	7.6	6.0	9.3
10/26 4:30	1,310	1,634	1,467	914	620	453	724	1,649	1,024	1,154	1,506	1,157	964	656	1,574	9.8	10.7	9.9	7.9	6.8	6.6	7.5	9.4	7.7	7.8	9.1	8.3	7.6	6.3	8.9
10/26 4:40	1,174	999	1,558	1,390	863	700	1,014	1,830	1,142	1,173	1,670	1,366	1,414	778	1,876	9.4	8.2	10.1	9.9	7.8	7.7	8.7	10.1	8.2	8.1	9.4	8.9	9.0	6.8	10.0
10/26 4:50	933	1,140	1,302	1,225	743	784	1,092	1,549	1,362	1,434	1,463	1,036	816	441	1,190	8.5	9.0	9.3	9.3	7.4	7.7	8.9	9.2	8.7	8.7	8.8	8.0	7.3	5.4	8.1
10/26 5:00	1,290	1,408	1,592	1,292	661	817	1,056	1,856	1,262	1,065	1,080	979	980	691	1,451	10.1	9.9	10.2	9.1	6.8	8.0	9.1	9.9	8.4	7.6	8.0	7.9	7.7	6.8	8.9
10/26 5:10	1,151	1,356	1,515	1,270	779	602	853	1,745	949	935	1,152	962	921	680	1,413	9.2	9.8	10.2	9.1	7.4	6.8	7.9	9.5	7.5	7.7	8.2	8.1	7.7	6.2	8.9
10/26 5:20	1,404	1,312	1,570	1,535	935	548	764	1,785	706	844	1,189	1,041	1,030	631	1,580	9.9	9.5	10.1	10.0	8.0	6.7	7.4	9.6	6.9	7.2	8.1	8.1	7.8	5.6	9.1
10/26 5:30	1,210	1,142	1,552	1,705	1,472	641	566	1,660	1,057	862	1,199	862	825	473	1,534	9.1	8.9	9.8	10.6	9.9	7.0	6.6	9.3	7.9	7.5	8.2	7.6	7.4	5.2	9.1
10/26 5:40	758	778	1,309	1,375	1,553	447	238	1,596	1,360	1,172	1,254	919	359	248	997	7.4	7.5	9.4	9.6	10.2	5.7	4.4	9.3	8.7	8.2	8.6	7.9	5.4	4.4	7.4
10/26 5:50	918	674	998	1,179	1,389	452	194	901	1,054	1,088	1,285	903	569	323	1,361	8.8	7.5	8.4	9.1	9.5	6.0	4.6	7.4	7.8	7.8	8.6	7.6	6.1	4.6	8.9
10/26 6:00	561	415	792	821	862	225	222	1,115	904	1,045	1,271	791	267	106	601	6.8	6.4	7.5	7.8	8.0	4.7	4.9	8.0	7.4	7.8	8.5	7.6	4.8	3.6	6.2
10/26 6:10	560	350	377	440	484	62	71	1,100	940	874	865	618	283	193	590	6.7	6.2	6.0	6.2	6.6	3.2	3.6	8.0	7.6	7.5	7.4	7.2	5.3	3.8	6.7
10/26 6:20	280	208	459	449	512	27	6	1,040	1,023	1,013	900	582	328	70	639	5.4	5.3	6.2	6.1	6.7	2.9	2.8	7.8	7.7	7.8	7.7	7.1	5.5	3.1	7.0
10/26 6:30	215	124	396	394	431	48	23	847	656	751	839	528	192	43	396	5.1	4.6	6.1	6.0	6.3	3.1	3.0	7.3	6.8	7.1	7.5	6.8	4.4	3.0	5.9
10/26 6:40	147	209	452	486	434	35	97	923	602	582	683	407	186	72	398	4.6	5.4	6.6	6.6	6.4	3.2	3.9	7.5	6.5	6.5	7.0	6.3	4.5	3.1	6.0
10/26 6:50	252	267	424	410	181	210	323	971	496	482	512	313	197	72	420	5.6	5.7	6.5	6.5	4.4	5.0	6.1	7.7	6.2	6.2	6.5	5.9	5.0	2.9	6.3
10/26 7:00	278	307	375	390	175	294	417	770	437	496	498	295	182	74	373	5.8	5.9	6.0	6.3	4.5	5.7	6.6	7.1	6.0	6.3	6.4	5.8	5.0	3.0	6.2
10/26 7:10	476	361	519	369	234	245	423	600	386	386	475	324	267	113	434	6.6	6.2	6.7	6.1	4.7	5.6	6.5	6.6	5.9	6.0	6.3	5.8	5.5	3.2	6.2
10/26 7:20	558	421	579	440	247	294	491	412	485	492	585	274	198	116	349	7.1	6.6	6.8	6.2	5.0	5.4	7.2	6.0	6.2	6.3	6.7	5.4	4.9	3.3	5.8
10/26 7:30	593	573	698	578	485	225	513	364	382	381	364	236	156	77	429	6.7	7.2	7.3	6.8	6.2	5.0	7.0	5.8	5.9	5.9	5.8	5.4	4.7	3.3	6.2
10/26 7:40	904	944	984	872	856	84	144	462	362	417	500	301	96	112	478	8.0	8.0	8.2	7.8	8.3	3.5	4.2	6.2	5.7	6.0	6.4	5.7	3.4	3.7	6.0
10/26 7:50	646	574	883	790	546	145	308	491	421	459	546	345	163	98	535	7.1	7.1	8.0	7.9	7.0	4.4	5.8	6.2	5.9	6.2	6.7	5.9	4.2	3.3	6.3
10/26 8:00	444	578	734	685	496	174	329	493	401	437	517	335	185	113	493	6.4	7.5	7.6	7.5	7.1	4.4	5.1	6.2	5.8	6.0	6.5	5.8	4.6	3.5	6.5
10/26 8:10	662	362	632	633	585	81	145	327	328	396	382	215	57	60	337	7.5	6.4	6.9	7.2	7.7	3.6	4.2	5.6	5.5	6.0	5.9	5.3	3.3	3.1	5.7
10/26 8:20	680	548	713	685	313	244	496	274	155	201	254	159	26	95	267	7.3	7.2	7.6	7.7	5.0	5.2	7.1	5.3	4.5	4.9	5.3	4.7	2.6	3.3	5.0
10/26 8:30	536	460	759	758	779	118	237	330	189	200	207	60	23	112	292	6.9	6.8	7.6	7.6	7.8	3.6	4.6	5.7	4.9	4.9	5.1	3.8	2.8	3.9	5.1
10/26 8:40	814	481	719	801	994	160	183	738	412	442	468	139	40	184	380	7.7	6.4	7.0	7.5	8.7	4.1	4.3	7.1	6.0	6.					

10/26 10:10	74	44	61	77	54	67	51	114	109	112	125	141	140	154	184	3.7	3.3	3.6	3.6	3.6	3.7	3.5	4.0	4.1	4.1	4.2	4.3	4.4	4.2	4.9
10/26 10:20	17	67	79	10	-10	-7	-6	206	100	112	93	108	161	200	269	3.0	3.7	3.7	2.9	2.2	2.5	2.7	4.8	4.0	4.2	4.0	4.0	4.5	4.4	5.2
10/26 10:30	21	69	96	75	13	-18	-8	216	185	266	298	241	187	196	247	3.4	3.5	4.0	3.7	2.8	2.2	2.7	4.9	4.7	5.2	5.6	5.2	4.9	4.6	5.3
10/26 10:40	114	105	14	-16	-11	72	87	277	195	281	316	314	340	237	315	4.1	3.9	3.2	2.5	2.9	3.8	3.9	5.2	4.6	5.3	5.5	5.6	5.8	4.9	5.4
10/26 10:50	-11	-15	23	12	44	85	141	249	208	350	220	261	266	233	243	3.0	3.4	3.0	3.4	3.5	3.9	4.4	5.1	4.8	5.7	4.9	5.1	5.2	4.9	5.0
10/26 11:00	32	83	106	91	92	113	120	235	175	206	193	94	122	123	73	3.4	4.2	4.0	3.6	3.9	4.2	4.2	4.9	4.5	4.6	4.8	4.1	4.2	3.9	3.7
10/26 11:10	84	53	58	53	83	70	100	140	102	91	102	94	114	111	64	3.7	3.6	3.5	3.4	3.9	3.8	3.8	4.3	4.0	4.0	3.9	3.9	4.2	3.7	3.5
10/26 11:20	9	19	37	38	12	36	46	137	82	141	131	73	112	81	95	3.2	2.8	3.2	3.2	3.1	3.2	3.3	4.1	3.8	4.4	4.2	3.6	4.1	3.5	4.0
10/26 11:30	36	-3	22	63	52	46	25	13	55	47	37	37	0	5	32	3.4	2.8	3.1	3.5	3.8	3.6	3.1	3.0	3.7	3.3	3.4	3.4	3.1	2.6	3.1
10/26 11:40	59	66	57	35	43	46	17	78	0	10	-10	-8	-12	-21	20	3.5	3.5	3.5	3.3	3.3	3.3	2.8	3.5	2.8	3.0	2.8	2.5	2.3	2.1	3.2
10/26 11:50	97	143	155	76	70	7	-19	3	-10	-3	1	-27	-25	-18	-22	4.0	4.3	4.3	3.7	3.5	2.8	3.0	2.7	3.0	2.9	3.0	2.6	2.1	1.9	2.3
10/26 12:00	95	51	45	-6	8	10	9	-2	15	-11	-4	-20	-24	34	-12	4.1	3.9	3.1	2.9	3.0	2.6	3.1	3.2	3.2	2.9	2.9	2.0	3.2	3.5	3.4
10/26 12:10	79	80	25	-22	-22	-19	-26	-9	16	31	-28	-9	-25	23	12	3.7	3.8	3.0	2.4	2.9	2.4	2.0	2.4	2.9	3.4	3.0	2.0	2.5	2.8	2.9
10/26 12:20	10	60	34	-11	-19	-12	-27	61	0	-10	-26	-9	-21	-20	-19	3.0	3.6	3.2	2.4	2.1	2.3	1.7	3.1	2.9	2.7	2.4	2.5	1.7	1.2	2.1
10/26 12:30	35	12	16	-17	-26	-18	-24	3	-15	-7	-25	-9	-20	-19	-10	3.3	2.9	2.7	2.1	1.5	2.1	1.9	2.8	2.2	2.4	2.6	2.2	1.9	1.7	1.9
10/26 12:40	51	23	37	-9	-24	-11	-11	0	-3	-13	-28	-9	-16	-9	-8	3.6	2.9	2.7	2.0	2.0	1.8	1.4	2.9	3.0	2.2	2.5	1.7	1.7	1.6	1.8
10/26 12:50	-11	-28	-10	-8	-24	-7	-8	31	-1	-10	-19	-7	-9	-7	-9	2.0	2.2	1.6	1.5	1.5	1.6	1.4	3.3	2.4	2.5	2.5	2.6	2.7	1.8	2.6
10/26 13:00	-24	-27	-8	-9	-8	-8	-9	-14	-11	-9	-8	-7	-9	-8	-6	2.0	1.8	1.7	2.3	1.7	1.9	1.6	1.8	2.1	2.1	2.0	2.0	1.4	1.6	2.0
10/26 13:10	-12	-24	-9	-9	-9	-8	-8	-13	-8	-9	-9	-6	-8	-5	-6	1.5	2.1	1.8	1.9	1.5	1.4	2.1	2.6	1.6	1.4	1.3	1.7	2.0	1.6	1.7
10/26 13:20	-9	-23	-7	-9	-7	-9	-8	-12	-7	-9	-9	-6	-9	-4	-6	1.9	1.4	1.7	1.7	1.4	1.1	0.8	2.6	1.7	2.0	2.1	2.2	1.9	1.0	1.8
10/26 13:30	-9	-24	-7	-9	-7	-8	-6	-11	-7	-10	-9	-6	-9	-4	-6	1.3	1.5	2.1	2.1	1.9	1.7	1.0	2.5	1.7	2.8	2.3	2.6	2.8	1.7	2.2
10/26 13:40	-8	-25	-8	-7	-8	-8	-6	-10	-8	-7	-9	-6	-8	-5	-6	1.6	1.7	1.7	2.5	1.7	1.5	1.7	2.6	2.6	2.6	2.1	2.1	1.8	1.7	2.2
10/26 13:50	-8	-23	-8	-6	-8	-9	-5	-12	7	-6	-7	6	-2	-5	-7	2.2	2.0	2.3	2.3	2.2	2.5	1.4	3.0	3.1	3.1	2.8	2.8	3.1	2.1	2.8
10/26 14:00	-8	-13	20	-8	-9	4	14	1	77	35	25	77	42	-5	-4	1.8	3.2	3.2	2.9	3.0	2.9	3.4	2.8	3.7	3.2	3.2	3.6	3.3	2.5	3.2
10/26 14:10	-9	13	11	-5	-9	-3	12	102	37	35	32	14	12	-5	-2	1.9	2.8	2.6	1.8	1.9	2.0	2.3	4.0	3.2	3.3	3.0	2.9	2.8	2.4	2.4
10/26 14:20	-9	-25	-13	-8	-9	-7	-8	8	8	1	-10	-7	-8	-5	-10	1.4	2.6	2.2	1.6	1.4	1.2	1.5	2.6	2.7	2.5	2.4	2.6	2.3	2.0	2.5
10/26 14:30	-7	-19	-7	-6	-9	-6	-7	25	8	-11	-10	0	4	-5	-6	1.0	2.5	2.0	1.9	2.1	1.8	2.4	3.2	2.9	3.2	2.5	2.8	2.7	2.3	2.4
10/26 14:40	-7	-19	-10	-6	-10	-2	-6	-11	-7	-3	-6	-3	-8	-3	-6	1.7	1.7	1.8	2.1	2.1	2.2	2.5	2.3	2.5	2.7	2.6	2.7	2.5	1.4	2.3
10/26 14:50	-7	-23	-8	-6	-7	-7	-8	-8	-7	-8	-6	-7	-6	-3	-6	1.5	2.2	1.3	0.9	1.1	1.3	1.5	2.1	1.8	2.1	2.0	2.5	2.2	1.4	1.5
10/26 15:00	-6	-27	-9	-6	-6	-6	-6	-9	-6	-7	-6	-8	-6	-3	-6	1.3	2.5	2.4	1.9	1.4	1.6	1.1	1.9	1.9	1.8	2.0	2.2	2.5	1.4	1.9
10/26 15:10	-6	-24	-8	-6	-6	-5	-5	-8	-5	-7	-6	-8	-6	-4	-6	1.5	2.2	1.7	1.9	1.7	1.4	1.2	1.7	1.5	2.1	1.4	1.8	1.0	1.3	2.4
10/26 15:20	-6	-24	-9	-7	-6	-6	-6	-9	-5	-6	-6	-5	-7	-4	-6	1.4	2.1	2.2	2.1	1.6	1.1	1.3	2.1	2.2	2.1	1.9	1.9	2.1	1.8	2.0
10/26 15:30	-6	-25	-12	-5	-6	-5	-5	-9	-6	-6	-4	-6	-6	-5	-6	1.2	2.3	1.8	1.5	1.4	1.9	1.1	1.9	2.0	2.2	2.3	2.3	2.0	1.9	2.1
10/26 15:40	-5	-23	-11	-6	-6	-6	-5	-8	-5	-6	-6	-7	-6	-6	-6	1.4	1.6	1.4	1.5	1.1	0.9	1.1	1.8	2.3	2.6	2.1	2.0	1.3	1.5	1.9
10/26 15:50	-6	-24	-9	-7	-7	-6	-5	-10	-6	-7	-6	-8	-6	-6	-5	1.0	1.4	1.5	1.5	1.0	0.9	0.9	1.6	1.6	1.7	1.6	1.5	2.0	1.5	1.5
10/26 16:00	-7	-24	-8	-6	-6	-5	-7	-10	-5	-6	-6	-7	-6	-5	-6	0.8	1.5	1.7	1.6	1.3	1.9	1.2	1.5	1.5	0.9	1.0	1.4	1.0	0.7	1.1
10/26 16:10	-5	-23	-8	-6	-5	-5	-6	-9	-5	-6	-6	-6	-6	-3	-6	0.9	1.0	0.8	0.9	1.0	1.1	1.5	1.7	1.0	1.2	1.0	1.4	1.4	0.9	1.8
10/26 16:20	-4	-23	-8	-6	-6	-5	-6	-8	-5	-6	-6	-7	-6	-3	-6	1.0	1.8	1.7	1.8	1.1	1.8	2.0	1.5	1.2	0.9	0.9	1.6	1.4	1.5	1.6
10/26 16:30	-5	-20	-9	-6	-6	-4	-7	-8	-4	-6	-6	-6	-5	-3	-6	1.6	1.4	1.5	1.8	1.6	1.6	1.5	1.3	1.2	1.2	1.3	1.8	1.5	1.3	1.3
10/26 16:40	-6	-20	-7	-5	-6	-5	-5	-9	-4	-5	-5	-6	-6	-3	-6	1.6	1.7	1.7	1.6	1.6	1.8	1.6	1.3	1.3	1.4	1.4	1.5	1.2	1.0	1.1
10/26 16:50	-6	-20	-8	-5	-6	-5	-6	-9	-5	-6	-5	-5	-6	-4	-5	2.2	1.8	2.0	1.8	1.9	2.0	1.9	1.5	1.7	1.9	1.9	2.1	2.3	1.8	1.4
10/26 17:00	-7	-20	-8	-6	-7	-5	-7	-8	-4	-5	-5	-5	-5	-4	-5	1.4	1.2	1.3	1.0	1.0	1.0	1.2	2.2	2.0	1.9	1.9	2.0	1.8	1.6	1.4
10/26 17:10	-7	-20	-8	-6	-5	-5	-6	-9	-5	-5	-5	-6	-6	-3	-5	1.1	1.0	0.9	1.0	1.1	1.2	1.2	2.0	1.7	1.8	1.7	1.6	1.6	1.4	1.4
10/26 17:20	-5	-21	-9	-5	-7	-5	-6	-9	-6	-7	-5	-6	-5	-4	-5	1.2	1.2	1.3	1.0	0.7	0.7	0.9	1.7	1.4	1.5	1.1	0.8	1.0	0.7	0.7
10/26 17:30	-6	-21	-7	-6	-5	-4	-5	-8	-6	-6	-5	-6	-7	-3	-5	0.5	0.6	0.5	0.7	1.0	0.8	1.1	0.6	0.6	0.5	0.5	0.8	0.9	0.5	0.6
10/26 17:40	-5	-22	-5	-5	-6	-4	-5	-7	-4	-5	-5	-6	-7	-3	-5	1.0	0.5	0.8	1.0	1.8	1.7	1.6	1.1	0.7	0.7	1.2	0.6	0.4	0.5	0.5
10/26 17:50	-5	-21	-5	-5	-7	-5	-6	-7	-4	-5	-5	-4	-5	-4	-6	1.1	0.7	0.9	0.8	1.5	1.4	1.3	1.2	1.2	1.0	1.6	0.9	0.6	1.1	1.2
10/26 18:00	-5	-22	-5	-5	-8	-5	-6	-7	-4	-5	-6	-4	-5	-4	-6	1.0	1.5	1.3	1.9	1.3	1.4	1.5	0.6	0.5	1.1	1.4	1.5	2.0	1.0	1.6
10/26 18:10	-4	-21	-5	-4	-7	-4	-7	-7	-4	-6	-6	-5	-5	-4	-6	1.8	1.9	1.7	2.1	1.1	1.4	1.3	1.1	1.8	2.1	2.1	2.0	2.2	1.6	1.7
10/26 18:20	-5	-22	-6	-4	-5	-4	-4	-7	-4	-5	-6	-5	-6	-4	-6	1.0	1.0	1.1	1.2	1.9	1.6	1.9	1.2	1.0	1.5	1.8	1.5	1.8	1.5	1.5
10/26 18:30	-5	-21	-5	-5	-5	-5	-5	-7	-5	-5	-6	-5	-6	-3	-6	1.8	1.4	1.7	1.6	1.8	1.4	1.4	1.3	1.5	1.7	1.9	1.8	2.2	1.7	2.0
10/26 18:40	-5	-20	-5	-5	-6	-4	-5	-8	-5	-6	-6	-6	-6	-4	-6	2.1	1.2	1.3	1.5	1.7	1.5	1.4	1.7	1.8	2.0	2.1	2.2	2.3	1.9	2.1
10/26 18:50	-6	-20	-5	-5	-																									

10/26 19:00	-6	-21	-5	-5	-6	-5	-5	0	2	-6	-1	-6	-6	-5	-7	2.2	2.0	2.2	2.4	2.5	2.5	2.4	3.5	3.3	3.3	3.1	3.0	2.4	2.2	2.4
10/26 19:10	0	-22	-8	-6	-7	-6	-5	38	61	48	64	-7	-8	5	-1	3.4	3.1	3.1	3.0	2.9	2.6	2.8	3.4	3.9	3.6	3.7	3.3	3.6	3.5	3.7
10/26 19:20	78	1	49	24	-10	-5	-5	120	122	133	160	126	99	85	97	3.7	3.8	3.5	3.5	3.4	3.0	2.9	4.3	4.4	4.5	4.7	4.4	4.4	3.7	4.3
10/26 19:30	93	100	127	122	-10	33	4	138	192	185	228	201	184	166	186	4.1	4.3	4.3	4.4	4.4	3.7	3.6	4.5	5.0	4.9	5.1	5.0	5.1	4.6	4.9
10/26 19:40	98	93	130	140	1	89	79	181	237	217	256	222	185	177	227	4.0	4.3	4.4	4.6	4.4	4.0	4.0	4.7	5.3	5.1	5.2	5.3	5.1	4.6	5.1
10/26 19:50	135	110	138	151	102	98	83	169	219	189	204	162	150	163	190	4.4	4.5	4.5	4.6	4.3	4.2	4.0	4.7	5.1	4.9	4.9	4.7	4.8	4.5	5.0
10/26 20:00	144	119	143	160	104	98	76	199	257	213	236	186	171	174	214	4.5	4.5	4.8	4.9	4.3	4.2	4.0	4.9	5.2	4.9	5.3	4.8	4.8	4.9	5.3
10/26 20:10	178	137	165	168	116	102	85	215	285	248	295	233	210	219	265	4.9	4.7	4.9	4.8	4.3	4.1	3.9	4.9	5.4	5.1	5.6	5.1	5.1	5.2	5.6
10/26 20:20	182	138	177	165	122	101	86	255	330	284	324	264	236	251	277	4.9	4.8	5.0	4.7	4.4	4.1	4.0	5.3	5.8	5.5	5.7	5.5	5.4	5.5	5.5
10/26 20:30	198	166	193	173	125	105	94	255	319	295	371	292	261	279	278	5.1	5.2	5.2	4.8	4.4	4.2	4.1	5.4	5.8	5.6	5.9	5.8	5.7	5.5	5.7
10/26 20:40	192	160	202	205	145	125	109	198	258	249	305	204	138	214	242	5.2	5.1	5.4	5.3	4.8	4.5	4.3	5.0	5.4	5.2	5.7	5.0	4.5	5.1	5.5
10/26 20:50	252	231	284	287	199	167	140	274	301	279	374	292	247	287	303	5.6	5.8	6.0	5.9	5.1	4.9	4.6	5.4	5.7	5.4	6.1	5.9	5.6	5.8	6.0
10/26 21:00	229	204	251	251	162	145	113	252	293	253	343	272	247	259	262	5.4	5.5	5.8	5.5	5.0	4.6	4.5	5.4	5.7	5.4	5.9	5.6	5.6	5.4	5.7
10/26 21:10	272	226	271	273	198	164	144	228	284	273	362	271	228	265	290	5.7	5.8	5.8	5.6	5.3	5.0	4.6	5.2	5.5	5.5	5.9	5.6	5.4	5.5	5.7
10/26 21:20	268	215	270	281	217	173	155	206	227	188	258	180	175	222	271	5.7	5.7	5.8	5.7	5.5	5.1	4.8	5.1	5.2	4.9	5.3	4.8	4.9	5.4	5.6
10/26 21:30	274	205	268	290	247	202	177	179	241	195	240	115	164	268	281	5.8	5.6	5.7	5.7	5.7	5.4	5.1	4.9	5.3	4.9	5.3	4.2	4.7	5.6	5.8
10/26 21:40	312	232	328	367	294	250	218	158	214	168	249	183	261	348	326	6.2	6.0	6.4	6.4	6.2	5.8	5.7	4.7	5.2	4.8	5.3	4.9	5.6	6.2	6.2
10/26 21:50	468	354	437	501	455	382	349	236	302	281	388	341	383	485	510	6.9	6.7	7.0	7.0	7.0	6.5	6.4	5.1	5.7	5.4	5.9	5.8	5.9	6.9	7.2
10/26 22:00	489	400	475	594	510	473	413	336	397	399	540	469	442	449	499	7.3	6.7	7.0	7.5	7.5	7.2	6.9	5.5	6.1	5.9	6.5	6.4	6.3	6.3	6.7
10/26 22:10	371	285	332	399	386	349	346	445	475	507	602	532	489	470	467	6.1	5.7	5.9	5.9	6.6	6.2	6.3	6.1	6.5	6.4	6.6	6.4	6.5	6.1	6.1
10/26 22:20	385	273	328	374	487	426	364	560	468	455	474	393	315	293	328	6.2	5.7	6.0	6.0	7.3	6.7	6.5	6.4	6.5	6.3	6.2	5.9	5.9	5.4	5.8
10/26 22:30	357	298	353	389	381	305	282	471	471	472	498	343	201	248	338	6.1	6.0	6.2	6.2	6.4	5.9	6.0	6.3	6.5	6.3	6.5	5.9	5.1	5.3	5.7
10/26 22:40	587	480	601	631	572	517	484	430	525	438	527	302	189	255	357	7.3	7.0	7.3	7.4	7.5	7.0	6.9	6.1	6.7	6.0	6.6	5.4	4.9	5.2	5.9
10/26 22:50	901	761	909	653	854	686	614	513	617	484	471	304	221	305	339	8.5	7.8	8.2	7.2	8.6	7.8	7.3	6.3	6.8	6.3	6.0	5.5	4.8	5.1	5.5
10/26 23:00	808	607	708	439	599	443	369	392	429	302	310	166	100	238	432	8.0	7.6	7.7	6.7	7.5	6.6	6.5	5.8	6.0	5.1	5.4	4.5	3.9	5.0	6.0
10/26 23:10	686	646	682	694	544	443	402	524	559	530	571	379	354	421	540	8.0	7.7	7.7	7.7	7.3	6.7	6.4	6.4	6.7	6.4	6.4	5.7	5.7	6.1	6.5
10/26 23:20	666	652	682	697	592	487	447	623	702	707	755	471	241	331	527	7.9	7.7	7.7	7.7	7.5	7.0	6.8	6.6	7.2	6.9	7.2	6.2	5.1	5.3	6.3
10/26 23:30	660	632	685	758	708	562	486	641	741	806	927	523	341	495	686	7.7	7.7	7.9	8.1	8.2	7.5	7.2	6.9	7.6	7.3	7.9	6.4	5.6	6.5	7.0
10/26 23:40	967	807	904	957	964	767	651	773	879	913	1,042	629	458	613	695	8.6	8.2	8.4	8.8	8.9	8.1	7.5	7.1	7.8	7.6	8.1	6.6	6.2	7.3	7.1
10/26 23:50	924	743	847	839	847	697	622	542	526	499	477	301	274	507	376	8.9	8.1	8.1	8.2	8.6	8.0	7.8	6.5	6.3	6.2	6.0	5.4	5.2	6.3	5.6
10/27 0:00	806	670	724	750	770	642	581	592	478	555	537	297	257	440	456	8.5	7.8	7.9	8.0	8.4	7.8	7.7	6.5	6.1	6.5	6.4	5.6	5.3	6.2	6.3
10/27 0:10	723	706	811	850	855	793	712	786	772	844	979	629	491	685	754	8.1	8.1	8.5	8.5	8.8	8.5	8.3	7.2	7.5	7.4	8.0	7.1	6.7	7.2	7.5
10/27 0:20	256	231	299	281	322	295	231	241	245	271	316	174	159	215	247	8.6	8.4	8.7	8.9	9.2	9.0	8.8	7.1	7.6	7.6	8.1	6.8	5.9	7.1	7.6
10/27 0:30	-5	-7	-5	-4	-4	-3	-4	-6	-4	-5	-4	-3	-5	-4	-4	8.8	8.5	8.8	9.2	9.6	8.9	8.5	7.1	7.7	7.6	7.8	6.6	6.1	7.0	7.4
10/27 0:40	438	392	437	434	480	434	393	334	366	365	367	178	148	248	325	9.2	8.5	8.7	9.2	9.8	9.1	8.5	7.1	7.6	7.5	7.4	5.9	5.8	7.0	7.5
10/27 0:50	1,167	1,006	1,176	1,205	1,280	1,088	977	859	841	808	906	513	369	527	796	9.5	9.1	8.9	9.7	10.1	9.7	9.2	7.4	7.6	7.2	7.3	6.3	5.7	6.6	7.5
10/27 1:00	1,400	1,166	1,432	1,457	1,472	1,189	1,069	934	1,018	1,075	1,158	573	312	527	854	10.7	10.1	9.9	10.7	10.6	10.4	9.9	7.5	8.1	8.0	8.2	6.7	5.5	6.8	7.7
10/27 1:10	1,663	1,387	1,727	1,728	1,626	1,262	1,170	1,131	1,284	1,306	1,314	600	404	813	1,338	11.3	11.1	10.6	11.5	10.9	10.6	10.6	8.1	8.5	8.4	8.4	6.6	5.7	7.4	8.7
10/27 1:20	1,807	1,509	1,867	1,851	1,718	1,344	1,303	1,623	1,639	1,657	1,892	852	647	1,210	1,796	12.0	11.4	11.4	12.0	11.6	11.5	11.4	9.4	9.3	9.1	9.8	7.2	6.6	8.6	9.8
10/27 1:30	1,893	1,614	1,943	1,898	1,726	1,473	1,290	1,735	1,778	1,842	1,887	985	756	1,359	1,929	12.5	11.9	11.7	12.3	12.1	11.2	11.1	9.6	9.6	9.7	9.9	7.7	7.1	9.0	10.0
10/27 1:40	1,762	1,571	1,847	1,816	1,638	1,444	1,176	1,441	1,726	1,581	1,627	803	542	1,156	1,866	11.9	11.6	11.3	12.1	11.7	10.8	10.4	8.9	9.7	9.1	9.2	7.1	6.3	8.9	10.2
10/27 1:50	1,708	1,595	1,889	1,867	1,640	1,456	1,381	1,820	1,934	1,971	2,018	1,453	880	1,614	2,011	11.6	11.5	11.6	12.0	11.8	11.0	10.5	9.7	10.1	10.0	10.3	8.5	7.5	10.1	10.8
10/27 2:00	1,681	1,612	1,862	2,014	1,639	1,490	1,431	1,727	1,869	1,949	2,000	1,845	1,225	1,911	1,999	10.9	11.4	11.5	11.6	11.8	11.0	10.7	9.6	9.9	10.1	11.1	9.4	8.3	11.1	11.5
10/27 2:10	1,647	1,481	1,713	1,852	1,503	1,385	1,321	1,555	1,668	1,958	1,997	1,942	1,314	1,800	1,999	10.8	10.8	11.0	11.1	11.3	10.7	10.2	9.0	9.5	9.9	10.8	9.8	8.5	11.0	11.5
10/27 2:20	1,455	1,342	1,598	1,794	1,583	1,497	1,444	1,489	1,677	1,923	1,999	1,672	1,201	1,969	1,999	10.0	10.3	10.9	10.8	11.8	11.3	10.6	8.8	9.3	9.7	11.2	9.1	8.2	11.3	11.3
10/27 2:30	1,563	1,456	1,727	1,979	1,634	1,509	1,431	1,963	1,986	2,012	1,999	2,015	2,001	1,997	1,999	10.5	11.0	11.2	11.5	12.1	11.5	11.1	10.5	10.7	10.8	11.5	11.0	10.4	11.5	12.0
10/27 2:40	1,727	1,557	1,702	1,810	1,714	1,416	1,411	1,999	1,998	1,999	1,965	1,997	1,893	1,																

10/27 3:50	1,921	1,896	1,959	1,974	1,958	1,819	1,736	1,986	1,955	1,838	1,998	1,688	1,104	1,971	2,000	11.2	11.3	11.1	11.3	11.5	11.0	11.1	10.4	10.2	9.9	10.5	9.1	7.7	10.4	11.7
10/27 4:00	2,000	1,948	1,991	2,022	2,021	1,967	1,838	1,917	1,788	1,910	2,000	1,181	814	2,013	2,000	11.6	11.6	11.5	11.6	11.7	11.7	11.8	10.2	9.8	9.8	10.9	7.7	6.7	11.0	11.9
10/27 4:10	1,999	1,879	1,954	1,956	1,996	1,970	1,839	1,988	2,002	1,984	1,999	1,198	1,163	1,999	1,999	11.8	11.3	11.4	11.6	11.5	11.6	11.6	10.8	10.2	10.4	10.9	7.9	7.8	11.5	11.5
10/27 4:20	1,999	1,989	2,008	1,982	2,002	1,957	1,931	2,000	2,011	2,018	2,000	1,688	1,694	2,000	2,000	11.9	11.6	11.6	11.8	11.6	11.9	12.2	10.6	10.5	10.8	11.3	9.1	9.2	11.5	11.4
10/27 4:30	1,999	2,007	2,000	1,990	2,004	1,962	1,873	2,000	1,978	1,998	2,000	1,744	1,418	2,001	2,000	11.9	12.3	11.7	12.2	11.9	12.1	12.3	10.9	10.2	10.6	11.2	9.4	8.3	11.7	12.4
10/27 4:40	1,999	1,998	2,003	1,995	2,000	1,974	1,976	1,996	2,008	1,997	1,998	1,606	1,408	1,999	2,000	12.4	11.9	12.0	12.0	12.1	11.9	12.3	11.0	10.3	10.4	10.9	9.1	8.8	11.6	12.8
10/27 4:50	1,999	1,968	1,993	2,001	1,999	1,999	2,002	2,000	1,949	2,001	1,998	1,623	1,575	2,000	2,000	11.9	11.7	11.6	12.0	12.5	12.4	12.7	11.0	10.1	10.8	11.2	9.1	9.0	11.9	12.7
10/27 5:00	2,000	1,997	2,002	1,998	2,001	2,000	2,000	2,000	2,009	2,000	1,999	2,017	2,002	2,000	1,999	12.5	12.1	12.0	12.4	12.6	12.9	13.0	12.2	11.6	11.6	12.8	11.3	10.4	12.9	13.5
10/27 5:10	1,999	1,914	1,969	1,974	1,999	2,000	1,998	2,000	1,999	2,000	2,000	2,001	1,999	2,000	2,000	11.9	11.7	11.6	12.3	12.3	12.7	12.9	12.5	12.6	13.0	13.5	12.3	11.7	13.0	13.5
10/27 5:20	2,000	1,827	1,873	1,949	1,997	1,980	1,993	1,999	1,999	1,999	2,000	1,999	1,987	2,001	2,000	11.8	11.3	11.2	11.7	12.1	12.0	12.7	12.8	12.6	12.6	12.9	11.8	11.1	12.5	12.8
10/27 5:30	2,001	1,946	2,003	2,005	2,001	2,015	2,007	2,000	1,999	2,000	2,000	2,000	2,003	2,002	2,000	11.7	11.6	11.9	12.0	12.0	12.4	12.6	13.0	12.4	12.7	12.8	11.9	10.9	12.9	12.8
10/27 5:40	2,001	1,989	1,999	2,000	1,999	1,999	1,999	2,000	2,000	2,000	2,000	2,000	2,002	2,000	2,000	13.2	11.9	12.7	12.2	12.7	12.7	12.7	13.2	11.4	13.7	13.6	12.0	11.5	13.9	13.4
10/27 5:50	2,000	2,001	2,000	1,999	1,999	1,999	1,998	1,999	2,000	2,000	2,000	1,999	1,998	2,000	2,000	13.2	12.2	12.5	12.1	12.9	12.9	12.4	12.4	13.7	14.5	12.9	12.2	12.5	15.1	13.5
10/27 6:00	2,000	1,998	1,999	2,000	1,999	2,000	2,002	2,000	2,000	2,000	2,000	1,998	1,999	2,001	2,000	13.3	12.2	12.3	12.8	13.2	12.7	13.2	13.2	14.0	15.7	14.9	13.1	13.6	15.9	15.7
10/27 6:10	1,997	2,000	2,002	1,999	1,999	1,999	1,993	2,000	1,999	2,000	2,000	2,000	2,000	2,000	2,000	13.7	13.1	12.3	13.0	13.6	12.7	13.5	13.8	12.6	13.9	15.3	13.2	11.9	15.1	15.9
10/27 6:20	2,001	1,999	2,000	2,000	2,000	1,999	2,007	2,000	2,000	2,000	2,000	1,989	2,001	2,000	2,000	13.2	13.1	12.9	13.1	14.1	13.1	14.0	13.3	12.0	13.0	14.8	12.4	12.3	14.4	15.7
10/27 6:30	2,000	2,000	1,987	1,999	1,998	2,001	1,992	1,999	1,994	1,999	2,000	1,999	1,995	2,001	2,000	13.1	13.9	12.7	12.9	13.0	14.0	13.3	12.3	11.6	11.8	13.7	12.2	12.0	14.5	15.1
10/27 6:40	2,000	1,997	2,011	1,999	2,000	2,000	2,008	2,000	2,000	2,000	1,936	1,979	1,999	2,000	2,000	13.3	13.8	12.9	13.0	13.1	13.6	12.8	12.4	11.9	11.9	12.6	11.1	11.7	13.2	14.5
10/27 6:50	1,999	1,998	2,000	2,001	1,999	1,999	2,000	2,000	1,993	1,999	2,000	2,001	1,928	2,000	2,000	13.4	13.8	14.2	13.9	14.9	14.5	14.0	12.1	11.7	12.3	13.0	12.0	11.5	14.1	14.3
10/27 7:00	1,998	1,996	1,998	2,000	2,000	2,000	1,999	1,995	2,007	1,999	2,000	1,998	1,956	2,000	2,000	15.0	13.7	14.9	14.9	15.8	15.6	15.7	12.3	12.1	13.0	13.6	12.6	11.7	14.5	14.3
10/27 7:10	1,867	1,843	1,993	1,999	1,997	1,999	2,000	1,998	1,951	2,000	1,999	2,000	1,962	1,972	1,999	13.4	12.9	14.8	14.3	15.2	14.9	15.2	13.7	12.1	13.5	13.7	13.0	12.3	12.8	14.9
10/27 7:20	1,716	1,843	2,003	2,000	1,997	2,001	1,988	1,999	1,997	1,999	2,000	1,938	2,005	1,998	1,998	12.5	13.1	14.5	14.7	15.1	15.5	14.8	13.7	12.5	13.6	14.2	13.3	12.2	13.3	14.0
10/27 7:30	1,855	1,723	1,997	2,000	1,996	2,000	2,009	1,973	1,921	2,000	1,995	2,000	1,922	1,953	1,998	12.9	12.7	14.5	14.7	15.5	16.2	15.1	12.8	12.1	12.9	14.2	13.1	12.1	12.6	14.0
10/27 7:40	1,915	1,642	2,004	1,995	2,002	2,000	2,000	2,005	1,978	1,998	2,004	2,000	1,940	2,009	2,000	13.2	12.2	14.6	14.3	15.0	15.0	14.3	12.9	12.7	13.2	14.3	13.3	12.4	13.2	13.4
10/27 7:50	1,880	1,787	1,995	1,999	1,997	1,998	1,997	2,009	1,967	1,999	1,999	1,999	1,955	1,969	2,002	13.3	12.9	14.1	14.5	15.1	15.1	14.2	13.6	12.5	13.7	14.0	13.2	12.1	13.1	13.8
10/27 8:00	1,942	1,891	2,004	1,997	1,996	2,000	1,989	2,001	1,965	2,000	1,999	2,000	1,988	2,018	1,997	13.3	13.8	14.2	14.6	15.5	15.6	14.8	12.8	12.5	13.7	15.8	13.3	12.7	13.8	14.9
10/27 8:10	2,014	1,896	2,000	2,001	2,001	1,997	2,013	1,998	2,001	1,999	2,000	1,999	1,998	2,001	1,989	14.0	14.0	15.7	15.5	16.1	16.0	16.1	13.3	12.9	14.3	16.2	14.8	13.7	14.6	15.0
10/27 8:20	1,996	1,965	2,000	1,999	1,995	2,002	2,000	2,000	1,997	2,000	2,000	1,998	1,999	2,000	2,008	14.3	14.2	16.9	16.9	17.2	17.9	17.9	14.6	13.3	13.7	14.9	15.1	13.2	14.5	14.4
10/27 8:30	2,003	1,941	1,999	1,999	1,999	2,000	2,000	1,996	1,990	1,978	1,999	2,000	1,999	2,000	1,999	14.1	13.6	16.4	17.0	16.8	17.7	17.3	14.0	15.1	14.6	15.4	14.3	13.5	14.9	15.0
10/27 8:40	1,998	1,940	2,000	2,000	1,999	2,000	1,999	2,002	2,005	1,887	2,000	2,000	1,999	2,001	2,000	14.5	13.7	16.3	16.7	16.8	17.0	17.8	13.2	13.8	16.1	15.4	14.3	14.9	14.8	15.0
10/27 8:50	2,001	2,018	2,000	2,000	2,000	2,000	1,999	1,931	1,923	2,005	1,999	2,000	1,994	2,001	2,000	15.0	14.4	18.1	18.0	18.9	18.3	18.8	11.8	12.2	13.5	14.6	14.0	13.7	15.1	15.2
10/27 9:00	1,926	1,828	2,000	1,999	1,999	1,999	1,997	1,952	1,920	1,946	1,996	1,997	1,944	2,001	1,997	14.0	13.6	16.6	17.8	17.4	17.7	17.2	12.2	12.2	12.6	14.0	14.1	14.2	14.6	15.2
10/27 9:10	1,835	1,617	1,985	1,999	1,990	1,995	1,960	1,884	1,852	1,937	1,994	1,993	1,909	1,995	1,999	14.1	13.0	15.3	16.2	17.3	17.9	16.1	12.5	12.7	13.2	14.2	14.5	12.6	14.8	15.0
10/27 9:20	1,647	1,408	1,819	1,927	1,875	1,896	1,808	1,729	1,784	1,847	1,874	1,958	1,752	1,903	1,954	13.7	12.5	14.9	16.1	17.0	17.1	16.5	12.1	12.8	13.4	14.8	14.2	12.6	14.8	15.1
10/27 9:30	1,469	1,257	1,644	1,841	1,782	1,800	1,727	1,732	1,870	1,843	1,750	1,812	1,736	1,755	1,746	12.9	12.1	14.0	15.8	16.2	16.6	15.8	12.5	13.2	13.7	14.2	14.1	12.8	14.2	14.2
10/27 9:40	1,536	1,365	1,788	1,854	1,766	1,793	1,761	1,706	1,848	1,567	1,710	1,798	1,816	1,703	1,863	13.6	13.1	14.8	16.0	16.4	16.7	16.0	12.5	13.9	12.4	15.3	14.0	13.6	14.4	15.1
10/27 9:50	1,624	1,377	1,773	1,826	1,805	1,807	1,759	1,798	1,894	1,757	1,856	1,884	1,786	1,819	1,944	14.2	13.3	15.1	16.1	17.6	17.0	16.3	13.3	14.2	13.8	15.1	14.8	13.5	14.9	15.6
10/27 10:00	1,612	1,241	1,780	1,824	1,771	1,748	1,699	1,772	1,758	1,660	1,721	1,825	1,793	1,682	1,830	14.6	12.8	15.8	17.0	18.1	17.4	16.3	14.4	14.8	14.2	15.9	15.2	14.7	15.1	16.2
10/27 10:10	1,433	1,223	1,714	1,758	1,592	1,088	1,426	1,492	1,295	1,439	1,637	1,733	1,516	1,726	1,657	14.0	13.7	16.3	17.4	16.7	16.5	16.6	13.7	12.7	14.0	16.8	15.6	14.3	16.2	16.3
10/27 10:20	1,462	1,175	1,743	1,803	1,751	1,153	856	1,523	1,645	1,562	1,653	1,809	1,614	1,669	1,715	14.4	12.9	15.7	17.0	17.3	16.5	17.0	13.4	14.3	14.3	16.7	15.5	14.9	15.3	16.1
10/27 10:30	1,354	368	1,612	1,700	1,679	1,728	1,674	1,378	1,378	1,447	1,397	1,609	1,357	1,417	1,424	13.7														

10/27 12:40	-35	-35	-6	-1	697	0	-22	-3	-13	-18	-26	-8	-38	1,049	66	16.2	14.3	16.3	19.4	17.1	18.7	18.1	13.8	12.1	12.2	14.8	14.4	14.8	13.2	15.0
10/27 12:50	-35	-35	-5	-1	675	0	-23	-3	-13	-18	-22	-8	-39	1,041	-18	17.1	14.4	16.4	18.5	16.5	18.5	16.7	13.4	11.3	13.5	14.6	15.0	16.0	13.0	15.2
10/27 13:00	-35	-36	-5	-1	653	0	-23	-3	-8	-18	-20	-8	-39	1,032	-15	19.0	16.0	16.9	19.4	16.0	19.2	17.3	15.8	15.1	13.8	15.2	15.9	15.6	12.9	14.9
10/27 13:10	-36	-36	-5	-1	632	0	-23	-3	-8	-18	-20	-8	-38	1,024	-15	19.1	16.7	19.5	20.1	15.5	20.0	19.8	17.7	16.3	14.5	15.4	16.1	17.2	12.8	17.6
10/27 13:20	-36	-36	-6	-1	610	0	-22	-3	-7	-18	-21	-8	-38	1,015	-14	20.7	18.1	20.2	21.0	14.9	21.0	20.6	18.6	16.1	16.5	17.5	17.6	19.4	12.7	18.8
10/27 13:30	-35	-36	-5	-1	588	0	-22	-3	-7	-19	-21	-8	-38	1,007	-15	20.1	18.3	18.3	21.9	14.4	20.5	20.4	18.7	17.5	16.3	18.5	17.6	18.5	12.6	18.9
10/27 13:40	-36	-36	-6	-1	566	-1	-22	-3	-6	-19	-20	-9	-38	998	-15	21.3	18.7	20.8	22.9	13.8	20.7	20.9	19.0	16.5	16.7	20.0	17.5	19.6	12.5	19.3
10/27 13:50	-36	-36	-5	-1	544	-1	-22	-3	-6	-18	-20	-9	-38	990	-15	22.7	19.6	22.2	22.4	13.3	22.7	21.5	18.8	18.0	18.9	19.3	21.2	20.7	12.4	21.6
10/27 14:00	-35	-36	-6	-1	522	-1	-22	-3	-6	-16	-21	-8	-38	981	-15	22.4	19.6	22.5	22.4	12.8	21.1	21.7	21.7	19.9	18.7	20.2	21.0	20.9	12.3	23.0
10/27 14:10	-36	-36	-5	-1	500	-1	-23	-3	-6	-16	-22	-7	-38	973	-15	22.0	19.4	22.4	19.7	12.2	21.1	21.1	19.6	18.4	19.7	19.0	22.4	21.3	12.2	24.6
10/27 14:20	-36	-33	-5	-1	478	-1	-22	-3	-6	-16	-22	-8	-38	964	-14	22.4	19.9	22.7	22.0	11.7	21.4	20.3	17.2	17.9	19.4	19.2	19.7	20.7	12.1	22.6
10/27 14:30	-36	-34	-6	-1	456	-1	-21	-3	-6	-15	-20	-7	-38	956	-15	22.9	21.3	24.0	21.3	11.2	21.7	22.6	17.0	15.1	17.5	22.7	19.5	20.7	12.0	21.5
10/27 14:40	-35	-34	-5	-1	434	-1	-21	-3	-5	-14	-20	-6	-39	947	-15	23.4	21.4	21.8	19.9	10.6	21.7	22.5	18.8	16.8	17.8	19.5	19.0	21.5	11.9	20.3
10/27 14:50	-36	-34	-5	-1	412	-1	-21	-3	-5	-15	-21	-4	-39	939	-15	23.2	21.4	22.4	22.5	10.1	22.2	21.0	16.2	15.8	16.8	20.7	19.9	19.7	11.8	20.8
10/27 15:00	-36	-34	-5	-1	390	-1	-21	-3	-5	-15	-20	-4	-39	930	-15	22.9	21.1	22.1	23.4	9.6	21.6	19.2	16.2	16.0	17.2	20.1	19.5	19.6	11.7	19.4
10/27 15:10	-36	-34	-6	-1	368	-1	-20	-3	-5	-15	-20	-5	-38	922	-15	23.2	20.6	20.3	22.2	9.0	20.5	21.6	14.7	14.4	17.2	20.6	20.3	20.4	11.6	19.1
10/27 15:20	-37	-33	-4	-1	347	-1	-17	-3	-5	-15	-20	-5	-38	913	-15	22.3	21.4	21.1	19.9	8.5	20.4	21.2	16.2	15.5	17.3	20.4	19.8	19.7	11.5	20.7
10/27 15:30	-37	-34	-5	-1	325	-1	-17	-3	-5	-15	-20	-5	-38	905	-15	22.0	21.1	20.7	21.1	7.9	20.6	22.9	15.9	15.4	15.8	19.1	19.4	20.4	11.3	19.4
10/27 15:40	-38	-33	-6	-1	303	-1	-17	-3	-6	-15	-20	-4	-39	897	-14	22.6	21.2	21.0	23.5	7.4	20.9	22.1	12.6	12.9	17.0	19.1	18.3	18.3	11.2	19.6
10/27 15:50	-37	-33	-6	0	281	-1	-16	-2	-7	-16	-20	-5	-39	888	-14	21.7	19.8	21.8	23.1	6.9	19.9	20.3	13.9	14.1	14.9	19.0	19.4	18.1	11.1	20.2
10/27 16:00	-35	-32	-4	0	259	-1	-17	-2	-5	-17	-19	-5	-39	880	-14	20.4	19.6	20.1	21.7	6.3	21.6	20.8	12.2	12.0	14.6	17.3	18.2	16.9	11.0	17.9
10/27 16:10	-36	-33	-4	0	237	-1	-18	-2	-5	-16	-2	-6	-37	871	-14	20.4	19.8	19.1	18.9	5.8	21.1	22.0	14.2	13.4	12.9	13.0	17.4	17.0	10.9	17.1
10/27 16:20	-37	-32	-4	0	215	-1	-18	-2	-5	-16	-2	-4	-36	863	-14	20.6	18.8	18.9	22.5	5.3	21.6	21.7	14.8	13.8	13.9	13.0	17.9	16.9	10.8	17.5
10/27 16:30	-37	-33	-4	0	193	-1	-18	-2	-5	-15	-3	-3	-35	854	-15	19.6	19.7	18.7	22.3	4.7	21.5	21.9	14.5	14.4	15.8	13.0	18.6	17.9	10.7	18.6
10/27 16:40	-38	-33	-5	0	171	-1	-19	-2	-5	-6	-3	-4	-36	846	-15	20.7	20.1	19.1	21.6	4.2	20.8	22.5	15.1	14.6	14.4	13.0	19.7	18.0	10.6	18.0
10/27 16:50	-38	-33	-5	0	149	-1	-18	-2	-5	-5	-3	-4	-36	837	-14	21.5	19.9	18.9	22.2	3.6	19.3	23.1	14.5	14.1	13.7	13.0	19.7	19.1	10.5	18.6
10/27 17:00	-39	-33	-4	0	127	-1	-19	-2	-6	-5	-3	-5	-35	829	-15	20.2	18.5	18.7	23.1	3.1	19.3	22.6	12.5	12.1	14.2	13.0	18.4	17.1	10.4	18.9
10/27 17:10	-39	-33	-5	0	105	-1	-18	-2	-6	-5	-3	-4	-34	820	-15	20.8	18.8	18.3	23.8	2.6	16.9	22.3	14.4	14.5	15.0	13.0	17.9	18.8	10.3	17.6
10/27 17:20	-37	-33	-5	0	84	-2	-19	-2	-5	-6	-3	-5	-27	812	-10	20.0	18.1	18.4	22.2	2.0	21.9	23.9	14.2	13.0	14.8	13.0	15.3	18.0	10.2	19.4
10/27 17:30	-35	-33	-4	0	62	-2	-19	-2	-5	-6	-3	-5	-20	803	-3	18.7	18.1	18.4	23.0	1.5	17.1	24.0	14.1	12.9	14.5	12.9	17.5	16.0	10.1	18.3
10/27 17:40	-37	-32	-4	0	40	-1	-18	-2	-5	-5	-3	-4	-20	795	-4	18.6	19.3	17.0	21.7	1.0	21.9	24.6	13.0	12.4	14.1	12.9	16.6	15.6	10.0	18.9
10/27 17:50	-25	-20	-3	0	18	-1	-18	-2	-4	-6	-3	-4	-20	786	-5	18.1	18.9	17.8	23.1	0.4	20.0	23.1	14.8	13.8	14.9	12.9	18.3	16.7	9.9	19.0
10/27 18:00	320	-19	509	0	1	-1	-10	-2	-5	-5	-3	-5	-20	778	-6	21.7	18.5	20.8	19.8	0.0	19.8	20.7	15.4	14.5	15.7	12.9	16.6	19.7	9.8	19.3
10/27 18:10	181	218	538	0	0	-2	18	-2	147	-6	-3	-2	-19	769	9	20.6	19.3	20.8	21.8	0.0	21.4	20.5	13.5	13.9	14.6	12.9	16.2	18.1	9.6	18.7
10/27 18:20	-8	201	-6	0	0	-2	459	-2	1,093	269	-3	163	-19	761	82	18.4	20.7	18.6	21.5	0.0	20.7	24.3	15.0	14.8	16.1	12.9	17.9	17.5	9.5	20.8
10/27 18:30	-7	-23	-5	0	0	-2	160	-2	1,440	603	-3	163	-20	752	1	18.6	18.4	18.3	21.7	0.0	19.9	21.8	13.0	13.5	16.1	12.9	17.1	19.5	9.4	19.4
10/27 18:40	-5	-21	-5	0	0	-2	-7	-2	1,581	833	-3	-6	-20	744	-4	18.6	17.9	18.3	20.0	0.0	18.4	19.8	13.4	14.6	14.4	12.9	17.4	19.0	9.3	18.7
10/27 18:50	-6	-21	-4	0	0	-2	-4	-2	1,441	847	-3	-4	-20	735	-5	19.0	18.9	18.1	20.5	0.0	19.2	19.3	13.2	13.3	15.4	12.9	14.9	17.7	9.2	17.8
10/27 19:00	-6	-22	-5	0	0	-1	-5	-2	1,411	671	-3	-4	-20	727	-5	18.6	19.4	19.4	21.1	0.0	18.5	20.2	13.0	14.2	14.2	12.9	18.0	16.8	9.1	17.6
10/27 19:10	-6	-22	-5	0	0	-1	-4	-2	1,307	659	-3	-4	-20	718	-5	19.5	20.1	19.3	20.4	0.0	19.8	20.1	12.6	13.6	16.4	12.9	17.5	17.9	9.0	18.3
10/27 19:20	-5	-21	-5	0	0	-1	-5	-2	1,022	565	-4	-4	-20	710	-5	18.7	19.5	20.1	18.2	0.0	17.3	18.9	11.1	12.0	15.3	12.9	15.8	17.7	8.9	17.9
10/27 19:30	-6	-21	-5	0	0	-1	-5	-2	537	283	-4	-4	-20	701	-5	19.0	19.7	19.6	18.5	0.0	16.6	18.7	11.3	12.2	13.5	12.9	16.4	17.1	8.8	16.7
10/27 19:40	-6	-21	-4	0	0	-1	-4	-2	504	-10	-4	-4	-20	693	-6	17.2	18.9	18.6	18.9	0.0	18.6	19.4	11.7	11.8	11.6	12.9	14.4	14.9	8.7	17.4
10/27 19:50	-6	-21	-5	0	0	-1	-4	-2	744	-7	-4	-4	-20	684	-6	17.3	18.3	18.2	19.5	0.0	19.4	19.2	13.3	13.8	11.5	12.9	16.3	16.2	8.6	17.1
10/27 20:00	-6	-21	-5	0	0	-1	-4	-2	377	-8	-4	-4	-21	676	-5	17.6	17.8	18.1	18.6	0.0	18.1	17.9	11.7	12.3	12.4	12.8	15.5	16.5	8.5	17.3
10/27 20:10	-5	-22	-4	0	0	-1	-4	-2	495	-7	-4	-4	-21	667	-5	18.2	18.0	18.4	18.3	0.0	18.7	18.4	11.9	13.2	12.8	12.8	16.4	15.2	8.4	18.2
10/27 20:20	-6	-21	-4	0	0	-1	-4	-2	348	-5	-4	-4	-21	659	-6	17.1	16.6	17.0	19.0	0.0	18.0	18.1	11.8	12.7	12.3	12.8	16.5	16.7	8.3	18.2
10/27 20:30	-6	-21	-5	0	0	-1	-4	-2	70	-5	-4	-4	-21	650	-5	16.6	16.6	16.9	19.6	0.0	19.3	18.5	10.8	11.1	12.3	12.8	15.9	16.3	8.2	18.2
10/27 20:40	-5	-21	-4	0	0	-1	-4	-2	-9	-5	-4	-4	-21	642	-4															

10/27 21:30	-5	-20	-4	0	0	-1	-5	-2	-7	-5	-4	-5	-22	600	-5	16.9	15.4	15.5	19.2	0.0	17.4	17.3	11.1	12.2	12.8	12.8	14.8	15.9	7.5	17.0
10/27 21:40	-5	-21	-4	0	0	-1	-5	-2	-8	-5	-4	-5	-22	591	-5	15.7	14.7	14.8	19.1	0.0	17.8	16.4	10.4	11.6	14.2	12.8	16.2	15.7	7.4	17.4
10/27 21:50	-5	-21	-5	0	0	-1	-5	-2	-6	-5	-4	-5	-22	583	-5	16.1	15.6	15.4	18.8	0.0	17.4	16.7	12.3	13.1	14.1	12.8	17.3	15.9	7.3	17.0
10/27 22:00	-11	-20	-5	0	0	-1	-5	-2	-5	-4	-4	-5	-22	574	-3	15.3	15.1	14.2	18.3	0.0	16.4	15.8	12.3	13.8	15.2	12.8	15.6	16.2	7.2	16.4
10/27 22:10	-20	-21	-4	0	0	-1	-5	-2	-5	-4	-4	-5	-22	566	-4	13.9	14.8	14.7	17.6	0.0	15.8	14.9	14.3	14.6	15.2	12.8	15.5	17.1	7.1	16.3
10/27 22:20	-20	-21	-4	0	0	-1	-5	-2	-5	-5	-5	-4	-22	557	-4	14.2	15.8	15.5	18.6	0.0	16.3	15.9	15.1	15.0	14.3	12.8	15.7	16.2	7.0	15.8
10/27 22:30	-20	-21	-4	0	0	-1	-5	-2	-4	-5	-5	-5	-22	549	-4	13.0	14.7	14.5	18.0	0.0	15.4	15.1	13.5	14.8	15.0	12.7	15.0	15.4	6.9	16.3
10/27 22:40	-20	-21	-4	0	0	-1	-5	-2	-5	-5	-5	-6	-21	540	-4	13.0	14.2	14.8	18.4	0.0	15.8	15.7	13.8	13.7	13.9	12.7	15.7	15.3	6.8	15.8
10/27 22:50	-20	-21	-5	0	0	-1	-5	-2	-5	-7	-5	-4	-22	532	-5	14.3	14.6	15.0	18.5	0.0	16.2	17.3	11.7	12.6	13.3	12.7	15.8	15.0	6.7	16.8
10/27 23:00	-20	-21	-5	0	0	-1	-4	-1	-5	-5	-5	-4	-23	523	-4	12.5	14.7	13.6	19.1	0.0	15.9	15.7	10.9	11.6	12.9	12.7	14.3	15.7	6.6	16.4
10/27 23:10	-20	-20	-4	0	0	-1	-4	-1	-5	-5	-5	-5	-21	515	-5	14.0	14.8	14.4	18.8	0.0	15.8	13.9	12.2	12.1	10.8	12.7	14.5	15.5	6.5	16.0
10/27 23:20	-20	-19	-4	0	0	-1	-4	-1	-5	-5	-5	-5	-20	506	-5	12.4	14.0	13.8	18.6	0.0	15.5	15.3	10.4	10.4	12.2	12.7	12.7	14.1	6.3	15.1
10/27 23:30	-20	-21	-4	0	0	-1	-4	-1	-5	-4	-5	-6	-20	498	-4	12.5	14.0	14.1	17.3	0.0	15.6	16.0	10.8	10.5	9.9	12.7	13.3	15.2	6.2	15.2
10/27 23:40	-20	-21	-5	0	0	-1	-5	-1	-4	-5	-5	-6	-20	489	-5	12.4	12.7	13.8	17.2	0.0	14.9	15.8	9.9	10.0	11.0	12.7	11.9	14.7	6.1	14.4
10/27 23:50	-20	-21	-6	0	0	-1	-4	-1	-5	-4	-5	-5	-20	481	-5	11.6	12.5	14.6	15.9	0.0	14.8	15.5	10.2	10.0	11.3	12.7	11.5	13.5	6.0	14.5
10/28 0:00	-20	-20	-5	0	0	-1	-6	-1	-5	-5	-5	-4	-20	472	-4	12.1	12.7	13.5	16.5	0.0	14.4	15.3	8.2	8.6	9.6	12.7	10.5	12.4	5.9	13.4
10/28 0:10	-20	-20	-4	0	0	-1	-3	-1	-6	-6	-5	-4	-21	464	-4	11.2	13.0	11.5	17.2	0.0	16.4	15.0	8.5	8.4	10.0	12.7	10.7	12.2	5.8	13.9
10/28 0:20	-20	-19	-5	0	0	-1	-3	-1	-6	-7	-5	-4	-20	455	-4	12.2	12.7	12.7	17.1	0.0	14.9	14.7	9.4	9.7	11.0	12.7	11.1	12.8	5.7	14.6
10/28 0:30	-20	-20	-5	0	0	-1	-5	-1	-4	-6	-5	-4	-20	447	-5	12.2	11.8	12.6	16.6	0.0	15.2	14.3	9.8	10.0	9.5	12.7	11.4	14.1	5.6	14.9
10/28 0:40	-20	-20	-5	0	0	-1	-5	-1	-4	-5	-5	-4	-20	438	-5	11.1	12.6	13.3	15.7	0.0	14.6	14.5	10.3	10.7	10.5	12.7	11.9	13.4	5.5	13.6
10/28 0:50	-20	-20	-4	0	0	-1	-4	-1	-4	-4	-5	-4	-20	430	-5	11.7	12.3	12.1	17.1	0.0	14.1	14.4	10.4	10.5	10.7	12.7	12.0	14.2	5.4	14.7
10/28 1:00	-20	-20	-4	0	0	-1	-4	-1	-4	-5	-5	-4	-20	421	-5	11.0	12.4	12.4	16.2	0.0	14.6	14.2	10.4	10.7	10.1	12.7	12.6	13.3	5.3	13.7
10/28 1:10	-20	-20	-4	0	0	-1	-4	-1	-5	-5	-5	-4	-20	413	-5	12.0	13.1	12.4	16.0	0.0	13.4	14.1	10.3	10.2	9.4	12.6	12.0	13.9	5.2	13.7
10/28 1:20	-20	-20	-15	0	0	-1	-4	-1	-4	-4	-6	-4	-21	404	-6	10.7	12.4	13.0	15.6	0.0	12.9	14.1	9.2	8.7	9.6	12.6	12.2	13.3	5.1	13.3
10/28 1:30	-20	-21	-19	0	0	-1	-4	-1	-4	-5	-6	-4	-21	396	-14	10.6	12.3	13.0	15.3	0.0	13.5	13.8	8.9	9.6	9.1	12.6	11.9	13.6	5.0	13.9
10/28 1:40	-20	-21	-20	0	0	-1	-5	-1	-5	-5	-6	-4	-21	387	-14	11.0	11.9	13.1	16.1	0.0	12.7	13.1	9.4	9.4	9.6	12.6	12.6	14.5	4.9	13.2
10/28 1:50	-20	-21	-19	0	0	-1	-5	-1	-5	-4	-6	-4	-20	379	-14	10.6	12.5	13.1	15.9	0.0	11.7	13.2	8.7	9.3	9.5	12.6	11.8	13.2	4.8	13.3
10/28 2:00	-20	-20	-19	0	0	-1	-5	-1	-5	-5	-6	-4	-21	371	-14	10.0	11.1	12.5	15.6	0.0	12.0	13.1	8.2	9.4	9.4	12.6	11.2	13.3	4.6	12.8
10/28 2:10	-20	-21	-19	0	0	-1	-4	-1	-5	-5	-6	-4	-20	362	-11	10.6	11.7	12.0	14.6	0.0	11.4	14.0	8.7	8.6	9.8	12.6	11.9	13.5	4.5	13.6
10/28 2:20	-20	-19	-20	0	0	-1	-4	-1	-4	-5	-6	-4	-20	354	-4	10.1	11.3	11.6	13.9	0.0	11.0	12.9	7.9	7.8	8.7	12.6	11.2	13.0	4.4	13.2
10/28 2:30	-20	-19	-20	0	0	-1	-5	-1	-4	-6	-6	-5	-21	345	-4	9.9	11.3	11.5	14.1	0.0	10.9	13.2	8.5	8.5	9.4	12.6	11.6	13.2	4.3	13.3
10/28 2:40	-20	-20	-20	0	0	-1	-5	-1	-4	-4	-6	-5	-20	337	-4	9.5	11.0	11.2	14.1	0.0	10.2	12.8	8.5	8.5	9.6	12.6	12.0	12.6	4.2	12.7
10/28 2:50	-20	-20	-20	0	0	-1	-6	-1	-4	-5	-6	-5	-22	328	-4	8.8	11.1	10.2	12.8	0.0	10.4	12.0	9.5	9.8	10.8	12.6	11.9	13.1	4.1	12.3
10/28 3:00	-21	-19	-21	0	0	-1	-4	-1	-4	-4	-6	-5	-20	320	-4	8.8	11.2	10.2	12.8	0.0	9.7	12.1	9.4	9.6	10.1	12.6	11.6	11.6	4.0	12.2
10/28 3:10	-21	-18	-21	0	0	-1	-4	-1	-4	-5	-6	-5	-20	311	-4	8.8	10.9	10.0	12.5	0.0	9.4	11.6	9.2	9.3	9.4	12.6	10.5	11.3	3.9	12.0
10/28 3:20	-21	-19	-20	0	0	-1	-5	-1	-5	-4	-6	-5	-20	303	-4	8.5	10.0	10.3	11.8	0.0	11.0	12.0	8.7	8.6	9.2	12.6	10.6	11.1	3.8	11.3
10/28 3:30	-20	-19	-19	0	0	-1	-5	-1	-4	-5	-6	-6	-21	294	-4	9.4	10.8	9.0	10.9	0.0	9.9	11.7	7.3	7.4	8.1	12.6	9.7	10.6	3.7	11.0
10/28 3:40	-20	-19	-20	0	0	-1	-5	-1	-4	-5	-6	-6	-21	286	-4	7.8	10.0	8.6	10.7	0.0	9.4	10.6	7.2	7.1	7.8	12.5	9.2	10.4	3.6	10.7
10/28 3:50	-20	-19	-20	0	0	0	-4	-1	-4	-5	-6	-6	-22	277	-4	7.9	9.7	8.5	10.6	0.0	10.4	10.5	7.0	6.7	7.2	12.5	8.1	8.4	3.5	9.9
10/28 4:00	-20	-20	-19	0	0	0	-4	-1	-5	-4	-6	-6	-22	269	-5	7.4	9.2	8.9	9.9	0.0	8.9	10.6	6.2	6.4	7.2	12.5	7.9	8.1	3.4	9.0
10/28 4:10	-20	-20	-19	0	0	0	-5	-1	-5	-4	-6	-6	-20	260	-4	7.0	8.8	8.2	10.4	0.0	10.3	9.9	5.7	6.0	6.6	12.5	7.8	8.1	3.3	9.2
10/28 4:20	-21	-20	-20	0	0	0	-4	-1	-4	-5	-7	-6	-20	252	-4	6.7	8.4	7.7	9.5	0.0	9.5	9.7	6.2	5.8	6.3	12.5	7.1	8.6	3.2	8.8
10/28 4:30	-20	-20	-20	0	0	0	-5	-1	-5	-5	-7	-7	-20	243	-4	6.2	7.0	6.7	8.5	0.0	9.5	9.3	6.2	5.3	5.9	12.5	6.3	5.9	3.1	7.3
10/28 4:40	-20	-20	-20	0	0	0	-5	-1	-4	-6	-7	-7	-21	235	-5	6.3	7.0	6.8	8.8	0.0	9.8	9.3	6.3	5.6	5.8	12.5	6.1	6.6	2.9	7.2
10/28 4:50	-20	-20	-9	0	0	0	-6	-1	-5	-7	-7	-7	-20	226	-5	5.0	5.8	5.3	6.2	0.0	8.1	7.4	3.7	4.2	4.5	12.5	5.0	5.3	2.8	5.8
10/28 5:00	-20	-20	-5	0	0	0	-4	-1	-5	-8	-7	-5	-21	218	-5	3.8	3.7	4.0	4.5	0.0	5.4	4.9	3.3	3.0	3.4	12.5	3.9	3.8	2.7	4.3
10/28 5:10	-21	-20	-4	0	0	0	-4	-1	-5	-7	-7	-5	-21	209	-5	4.0	3.7	4.0	4.3	0.0	5.4	4.7	3.2	3.2	3.7	12.5	4.1	3.4	2.6	4.2
10/28 5:20	-20	-19	-5	0	0	0	-6	-1	-4	-5	-7	-4	-21	201	-4	4.5	4.9	4.3	4.6	0.0	6.6	5.4	2.7	2.9	3.4	12.5	4.1	4.4	2.5	4.9
10/28 5:30	-21	-20	-7	0	0	0	-6	-1	-4	-5	-7	-4	-20	192	-8	3.0	2.7	3.1	3.1	0.0	3.7	3.8	1.2	1.1	1.2	12.5	2.4	2.2	2.4	3.3
10/28 5:40	-21	-20	-8	0	0	0	-5	-1	-4	-5	-7	-5	-20	184	-9	3.0	3.0	3.4	3.6	0.0	3.4	3.8	1.0	1.5	0.7	12.5	1.4	1.8	2.3	2.3
10/28 5:50	-21	-20	-7	0	0	0	-5	-1	-5	-5	-7	-5	-21	175	-6	3.0	3.1													

10/28 6:20	-21	-19	-5	0	0	0	-5	0	-4	-3	-7	-4	-22	150	-20	3.3	3.4	3.5	4.7	0.0	5.7	4.1	1.6	1.4	1.8	12.4	2.1	1.7	1.9	2.9
10/28 6:30	-20	-20	-5	0	0	0	-5	0	-5	-4	-7	-13	-22	141	-21	4.5	4.9	4.6	6.8	0.0	7.8	7.2	2.6	2.8	3.2	12.4	3.4	3.0	1.8	5.6
10/28 6:40	-21	-20	-5	0	0	0	-5	0	-5	-5	-7	-21	-22	133	-21	6.5	5.6	5.2	6.9	0.0	8.0	7.4	2.7	3.4	3.5	12.4	3.9	4.3	1.7	6.5
10/28 6:50	-21	-20	-5	0	0	0	-4	0	-4	-6	-7	-20	-22	124	-20	5.9	5.6	5.6	7.3	0.0	7.7	7.1	3.0	3.3	3.7	12.4	4.5	4.5	1.6	6.6
10/28 7:00	-21	-20	-4	0	0	0	-4	0	-6	-5	-7	-20	-21	116	-20	6.6	5.5	6.3	7.3	0.0	6.6	5.6	4.0	3.8	3.9	12.4	4.6	4.8	1.5	6.9
10/28 7:10	-21	-19	-4	0	0	0	-4	0	-5	-5	-8	-20	-21	108	-20	7.2	5.4	6.4	7.6	0.0	6.6	7.2	4.8	4.3	4.0	12.4	4.7	5.0	1.3	6.8
10/28 7:20	-21	-19	-4	0	0	0	-5	0	-5	-4	-8	-19	-22	99	-20	6.8	6.2	6.9	7.6	0.0	8.3	7.4	5.5	4.6	4.3	12.4	5.0	5.2	1.2	6.2
10/28 7:30	-21	-20	-5	0	0	0	-4	0	-5	-5	-8	-21	-21	91	-20	7.4	6.5	8.1	6.1	0.0	9.3	7.4	6.0	5.0	4.7	12.4	4.5	4.7	1.1	5.4
10/28 7:40	-20	-20	-5	0	0	0	-5	0	-5	-6	-8	-20	-22	82	-21	7.2	6.6	7.3	4.5	0.0	6.8	7.5	5.8	4.6	4.3	12.4	4.5	4.0	1.0	4.7
10/28 7:50	-20	-20	-5	0	0	0	-5	0	-4	-7	-8	-20	-21	74	-20	6.7	6.9	7.2	3.5	0.0	8.0	8.0	5.8	4.1	3.8	12.4	3.8	3.6	0.9	4.7
10/28 8:00	-19	-20	-14	0	0	0	-4	0	-5	-5	-8	-20	-21	65	-20	7.0	6.2	6.0	1.7	0.0	8.0	7.5	5.7	3.9	3.8	12.4	4.7	4.9	0.8	4.9
10/28 8:10	247	-11	-13	0	0	0	-3	0	-5	-5	-8	-20	-21	57	-20	7.2	6.1	7.1	1.5	0.0	7.5	7.3	5.2	4.6	5.2	12.4	5.3	5.8	0.7	5.9
10/28 8:20	663	223	503	-1	0	0	280	0	55	50	-8	21	-10	48	46	7.3	6.1	7.9	1.7	0.0	8.1	5.9	5.2	5.4	5.9	12.4	6.0	5.7	0.6	6.0
10/28 8:30	541	154	497	-2	0	0	435	0	160	80	-8	252	152	40	243	7.1	5.8	8.2	1.6	0.0	8.3	6.3	4.1	4.6	3.8	12.4	6.0	5.9	0.5	6.4
10/28 8:40	320	107	417	-3	0	0	349	0	201	83	-8	218	146	31	266	6.6	5.5	7.7	1.5	0.0	7.8	6.1	6.6	5.1	3.7	12.3	5.3	5.8	0.4	6.4
10/28 8:50	329	73	330	-4	0	-1	405	0	187	92	-8	135	128	23	191	6.5	5.2	7.1	2.2	0.0	9.0	6.1	4.9	5.1	4.1	12.3	4.7	5.5	0.3	6.1
10/28 9:00	360	114	373	-5	0	-1	295	0	72	79	-8	240	137	14	185	6.3	5.9	6.7	4.5	0.0	7.9	5.6	5.1	3.8	4.2	12.3	5.8	5.5	0.2	6.3
10/28 9:10	440	125	425	-6	0	-1	240	0	11	120	-8	196	108	6	141	7.0	6.2	7.2	6.9	0.0	7.5	5.2	3.8	2.9	4.8	12.3	5.2	5.2	0.1	5.7
10/28 9:20	231	52	317	-7	0	-1	153	0	22	126	-8	109	27	0	54	5.1	4.8	5.9	7.4	0.0	6.6	4.9	4.1	3.0	4.9	12.3	4.3	4.2	0.2	4.3
10/28 9:30	118	-17	250	-7	0	-1	145	-1	104	142	-8	103	35	-4	55	4.1	3.2	5.5	6.9	0.0	6.6	5.0	3.9	4.1	5.0	12.3	4.2	4.4	1.3	4.6
10/28 9:40	182	1	268	-8	0	-2	148	-1	193	167	-8	187	97	-7	111	4.8	3.5	6.1	6.9	0.0	6.4	5.1	4.7	5.4	5.1	12.3	5.1	5.0	2.6	5.0
10/28 9:50	182	16	251	-9	0	-1	181	-1	303	240	-8	274	148	-11	147	4.7	3.8	5.9	7.1	0.0	6.9	5.3	5.2	5.9	5.5	12.3	5.6	5.5	3.8	5.8
10/28 10:00	99	-22	265	-10	0	-1	136	-1	329	273	-8	214	122	-14	101	3.6	2.5	5.8	7.2	0.0	7.0	5.2	5.2	6.0	5.7	12.3	5.1	5.0	5.1	5.2
10/28 10:10	173	-10	314	-11	0	-1	265	0	243	208	-9	282	183	-18	158	4.8	2.8	5.9	7.1	0.0	7.5	6.2	4.1	5.5	5.3	12.3	5.6	5.6	6.3	5.7
10/28 10:20	214	26	364	-12	0	-1	220	-9	450	395	-9	407	288	-21	254	5.0	3.8	6.4	7.3	0.0	7.1	5.8	2.5	6.7	6.3	12.3	6.1	6.5	7.6	6.4
10/28 10:30	196	-4	232	-13	0	-1	108	221	524	442	-9	464	375	-25	289	4.7	2.9	5.3	6.3	0.0	5.9	4.5	5.4	7.0	6.5	12.3	6.5	6.7	8.8	6.5
10/28 10:40	169	-12	144	-14	0	-1	83	316	544	569	-9	541	493	-27	339	4.6	2.9	4.5	5.6	0.0	5.4	3.8	5.7	7.1	7.1	12.3	6.7	6.7	9.9	6.5
10/28 10:50	156	-11	152	-14	0	-1	242	334	537	447	-9	485	463	591	552	5.0	3.0	4.8	6.2	0.0	5.5	5.0	5.6	7.0	6.5	12.3	6.6	6.6	8.7	7.3
10/28 11:00	183	1	209	-15	0	0	240	417	569	518	-9	551	568	516	433	5.1	3.1	5.4	6.6	0.0	6.6	4.8	6.4	7.4	7.0	12.3	6.8	7.0	7.9	6.5
10/28 11:10	123	-24	257	-16	0	0	291	434	563	501	-9	602	706	553	525	4.4	2.2	5.8	7.1	0.0	6.9	5.2	6.2	7.2	6.9	12.3	6.9	7.7	8.1	6.8
10/28 11:20	143	-16	348	-17	0	0	313	381	574	550	-9	575	651	705	740	4.2	2.1	6.3	7.5	0.0	7.4	5.2	6.2	7.2	7.0	12.2	6.8	7.4	8.6	7.6
10/28 11:30	170	-6	455	-18	0	0	617	406	574	577	-9	625	626	614	642	4.7	2.6	6.9	8.3	0.0	7.7	7.3	6.2	7.0	7.0	12.2	7.0	7.3	8.6	7.4
10/28 11:40	250	19	625	-19	0	-1	712	431	398	452	-9	787	860	799	611	5.0	3.1	7.7	8.7	0.0	9.1	7.0	6.3	6.4	6.6	12.2	7.6	8.1	9.5	7.3
10/28 11:50	465	92	685	-20	0	-2	730	323	375	370	-9	872	961	917	1,057	6.3	3.9	8.3	8.6	0.0	9.1	8.1	5.7	6.4	6.1	12.2	7.8	8.3	10.3	8.6
10/28 12:00	607	154	741	-21	0	-5	756	246	612	377	-9	790	773	939	1,072	7.0	4.4	8.8	9.0	0.0	8.8	8.3	5.0	7.3	6.3	12.2	7.5	7.8	10.4	8.4
10/28 12:10	656	185	723	-21	0	-10	772	270	496	525	-9	649	667	783	804	7.2	4.6	8.5	9.2	0.0	8.9	8.4	5.0	6.7	6.9	12.2	7.1	7.5	9.3	7.6
10/28 12:20	746	281	804	-22	0	-15	829	153	334	431	-9	650	796	776	681	8.0	5.9	8.7	9.2	0.0	9.2	8.3	4.5	6.0	6.6	12.2	6.9	8.0	9.1	7.5
10/28 12:30	864	348	669	-23	0	-21	1,056	234	460	650	-9	654	867	711	733	8.2	6.6	7.4	9.0	0.0	8.7	9.1	5.2	6.7	7.3	12.2	7.2	8.2	9.0	7.7
10/28 12:40	867	479	617	-24	-3	334	1,056	400	577	528	-9	765	753	612	878	8.2	7.8	7.1	9.0	1.2	7.9	8.9	6.1	7.1	7.0	12.2	7.4	7.7	8.4	8.0
10/28 12:50	1,106	689	868	-25	-37	977	891	327	765	499	-9	919	717	771	1,163	9.1	9.0	8.5	9.4	9.2	8.5	8.6	5.8	7.9	6.9	12.2	8.1	7.8	9.3	9.1
10/28 13:00	969	542	788	4	922	1,079	1,107	599	885	1,005	-9	1,041	841	1,119	1,442	8.4	8.3	8.2	8.6	8.7	8.7	9.7	7.1	8.3	8.5	12.2	8.3	8.2	10.1	8.9
10/28 13:10	839	640	894	639	1,070	1,002	1,047	770	945	961	-10	1,312	1,113	965	1,285	8.2	8.9	8.1	7.3	9.1	8.0	9.4	7.6	8.2	8.3	12.2	9.2	8.5	10.2	8.5
10/28 13:20	883	780	964	972	1,109	957	881	749	792	1,030	-10	1,224	1,316	1,269	1,157	8.3	9.5	8.4	8.4	8.8	8.4	8.6	7.7	7.7	8.5	12.2	8.6	8.9	10.9	8.5
10/28 13:30	859	673	823	808	946	820	894	409	788	827	-10	872	1,086	1,102	968	8.4	9.0	8.3	7.9	8.7	7.9	8.7	5.8	7.6	7.9	12.2	8.0	8.1	10.0	7.9
10/28 13:40	817	527	725	655	890	690	966	875	1,035	1,187	-10	1,324	626	1,098	1,219	8.5	8.2	7.2	7.2	8.4	7.4	9.1	7.9	8.4	8.8	12.2	9.1	7.1	10.5	8.4
10/28 13:50	899	786	973	855	897	849	1,063	751	878	1,280	-10	1,609	1,176	946	696	8.2	8.3	8.1	8.1	8.3	8.4	9.4	7.4	8.0	9.2	12.1	9.2	8.4	9.9	7.1
10/28 14:00	1,293	954	747	928	1,219	1,236	1,239	905	902	1,261	-10	1,413	1,142	1,019	1,427	9.3	8.5	7.5	8.4	10.0	9.8	9.5	8.1	8.1	8.8	12.1	8.7	8.4	10.2	8.9
10/28 14:10	1,128	718	982	1,156	1,281	1,274	1,123	653	982	869	-10	1,531	1,210	1,035	1,062	8.7	8.0	8.6	8.9	10.3	10.0	9.1	7.1	8.5	7.9	12.1	8.9	8.6	9.8	8.0
10/28 14:20	1,199	892	1,176	1,431	1,391	1,207	1,302	673	982	750	-10	1,264	1,195	918	1,002	9.5	8.8	9.0	9.7	10.1	9.9	10.2	6.9	8.4	7.6	12.1	8.6	8.5		

10/28 15:10	807	756	955	882	982	1,097	1,129	337	825	845	-10	1,057	934	1,045	870	8.4	7.9	8.5	7.8	8.9	9.0	9.9	5.3	7.5	7.5	12.1	7.7	8.0	9.9	8.0
10/28 15:20	885	800	916	779	906	1,068	1,089	535	728	763	-10	1,015	1,065	1,071	1,215	8.7	8.0	8.0	7.2	8.6	9.0	9.5	6.3	6.8	7.1	12.1	7.8	7.8	9.9	8.6
10/28 15:30	1,150	1,016	1,304	1,156	1,243	1,090	1,087	605	669	716	-10	852	763	1,032	966	9.8	8.9	9.6	8.8	9.6	8.9	9.3	6.6	7.0	7.2	12.1	7.3	7.3	9.5	7.7
10/28 15:40	1,183	944	1,204	1,122	1,322	1,308	1,229	404	763	1,083	-10	920	986	1,069	1,016	10.1	8.6	9.4	9.1	10.0	10.2	10.0	5.8	7.1	8.0	12.1	7.6	7.8	9.8	8.0
10/28 15:50	1,229	928	1,365	1,186	1,504	1,405	1,254	277	514	814	-10	947	1,057	1,112	1,047	9.4	9.4	9.6	8.9	10.3	10.2	10.0	5.1	6.3	7.2	12.1	7.6	7.9	9.6	7.7
10/28 16:00	1,013	801	1,058	1,151	1,294	1,292	1,263	324	326	256	-10	638	732	881	818	9.1	8.1	8.9	9.1	9.9	10.1	10.5	5.6	5.7	5.3	12.1	6.7	7.1	8.7	7.2
10/28 16:10	937	830	943	836	1,103	923	1,076	420	379	438	-11	330	292	503	804	8.6	8.1	8.1	7.7	9.3	8.3	9.4	6.0	5.8	6.1	12.1	5.6	5.3	7.0	7.2
10/28 16:20	744	562	676	654	980	1,006	979	548	429	538	-11	470	282	377	445	7.9	7.2	7.1	6.9	8.7	8.7	8.9	6.5	6.1	6.4	12.0	6.3	5.5	6.8	6.2
10/28 16:30	401	452	574	534	595	613	601	437	324	437	-11	439	358	367	410	6.0	6.7	6.7	6.3	7.2	7.5	7.1	6.2	5.6	6.2	12.0	6.3	6.0	6.7	6.2
10/28 16:40	446	503	659	577	599	502	473	322	336	316	-11	407	427	478	508	6.7	6.9	7.2	6.7	7.5	7.2	6.8	5.8	5.7	5.6	12.0	6.1	6.5	7.0	6.7
10/28 16:50	490	456	552	442	654	713	488	248	428	385	-11	483	663	517	612	6.6	6.4	7.0	6.5	7.9	7.7	6.8	5.2	6.1	5.8	12.0	6.3	7.1	7.1	7.1
10/28 17:00	475	331	496	491	555	548	536	193	389	401	-11	687	711	522	614	6.6	5.9	6.7	6.4	7.3	6.9	7.4	4.7	5.8	6.0	12.0	7.1	7.1	7.1	6.6
10/28 17:10	395	296	484	452	474	496	515	336	470	593	-11	620	629	676	746	6.3	5.8	6.5	6.4	7.1	6.9	7.3	5.4	6.2	6.6	12.0	6.7	6.8	7.9	7.0
10/28 17:20	484	322	419	360	483	491	595	306	480	419	-11	661	505	660	713	6.9	6.1	6.2	6.0	7.1	7.0	7.4	5.3	6.2	6.0	12.0	6.8	6.4	7.7	7.0
10/28 17:30	437	345	383	359	480	398	448	129	320	451	-11	427	426	413	490	6.9	5.9	6.1	6.1	7.1	6.6	6.4	3.9	5.6	6.2	12.0	6.2	6.2	6.5	6.2
10/28 17:40	423	292	443	436	592	592	568	132	311	366	-11	426	444	387	406	6.8	5.7	6.8	6.5	7.7	7.8	7.4	4.1	5.6	5.8	12.0	6.3	6.4	6.4	6.1
10/28 17:50	491	345	531	554	842	945	1,019	90	368	376	-11	421	381	428	461	6.8	6.0	7.0	6.8	8.2	9.0	9.2	3.6	5.8	5.9	12.0	6.2	6.1	6.6	6.4
10/28 18:00	525	419	557	618	930	944	901	86	407	448	-11	438	405	471	573	6.7	6.2	7.1	7.4	8.4	9.0	8.7	3.5	6.1	6.2	12.0	6.4	6.3	6.9	6.8
10/28 18:10	599	447	603	613	925	912	937	125	537	632	-11	625	606	694	694	7.1	6.5	7.5	7.6	8.5	8.9	9.0	3.8	6.5	6.9	12.0	7.0	7.2	8.0	7.0
10/28 18:20	684	547	718	708	863	864	858	114	763	779	-11	746	735	832	818	7.4	7.0	7.7	7.7	8.1	8.7	8.5	3.7	7.4	7.4	12.0	7.4	7.5	8.6	7.4
10/28 18:30	651	468	604	689	855	700	631	116	770	827	-11	750	739	810	707	7.5	6.7	7.4	7.5	8.2	8.2	7.9	3.7	7.3	7.6	12.0	7.5	7.5	8.5	7.1
10/28 18:40	828	618	759	703	895	807	783	116	543	560	-11	707	586	686	695	8.3	7.2	7.7	7.3	8.5	8.6	8.8	3.9	6.8	6.7	12.0	7.6	7.3	8.1	7.3
10/28 18:50	752	623	834	910	1,166	1,110	1,170	238	680	677	-11	544	519	626	603	8.4	7.6	8.1	8.0	9.6	9.9	9.8	4.9	7.1	7.1	12.0	6.5	6.4	7.4	6.6
10/28 19:00	979	795	981	962	1,161	1,218	1,164	521	652	661	-12	634	603	717	642	9.2	8.3	8.7	8.6	9.6	10.1	9.7	6.6	7.1	7.0	11.9	7.0	6.9	7.9	7.0
10/28 19:10	1,176	908	1,140	1,124	1,312	1,305	1,323	679	712	695	-12	728	754	884	914	9.8	8.8	9.2	8.9	10.0	10.4	10.3	7.2	7.1	7.0	11.9	7.2	7.3	8.5	7.6
10/28 19:20	1,155	925	1,151	1,071	1,306	1,237	1,282	426	718	608	-12	622	803	692	731	9.6	8.7	9.0	8.6	10.0	10.0	10.1	5.9	7.1	6.8	11.9	6.8	7.4	7.9	7.1
10/28 19:30	1,071	764	1,035	1,055	1,307	1,309	1,263	294	456	559	-12	626	527	553	564	9.4	8.0	8.8	8.4	9.8	10.3	9.9	5.2	6.1	6.6	11.9	6.7	6.4	7.1	6.5
10/28 19:40	978	628	806	763	929	971	908	269	351	430	-12	472	478	574	577	8.9	7.2	7.7	7.3	8.5	9.1	8.5	5.3	5.8	6.1	11.9	6.2	6.4	7.0	6.6
10/28 19:50	723	486	601	577	796	834	864	345	328	353	-12	422	344	402	406	8.1	6.9	7.2	6.8	8.3	8.7	8.7	5.8	5.8	5.9	11.9	6.2	5.9	6.2	6.0
10/28 20:00	840	599	795	780	1,020	990	1,012	594	517	504	-12	602	617	657	611	8.4	7.2	7.9	7.6	9.1	9.4	9.2	6.8	6.5	6.3	11.9	6.7	6.9	7.5	6.7
10/28 20:10	1,023	798	957	969	1,248	1,271	1,286	548	486	506	-12	573	572	646	683	9.0	8.1	8.2	8.2	9.6	10.2	10.1	6.5	6.4	6.3	11.9	6.5	6.8	7.6	7.0
10/28 20:20	1,471	1,092	1,249	1,326	1,626	1,504	1,642	511	642	721	-12	735	655	803	864	10.2	9.4	9.1	9.3	10.4	10.4	10.6	6.0	6.9	7.2	11.9	7.2	7.1	8.3	7.6
10/28 20:30	1,302	1,031	1,182	1,230	1,550	1,449	1,464	415	767	823	-12	884	885	949	918	9.5	9.1	9.0	9.3	10.1	10.3	10.1	5.5	7.1	7.4	11.9	7.6	7.7	8.6	7.5
10/28 20:40	1,188	939	1,095	991	1,349	1,345	1,326	332	593	734	-12	752	738	882	856	9.2	8.7	8.8	8.5	9.8	10.2	9.7	5.3	6.6	7.1	11.9	7.5	7.2	8.5	7.4
10/28 20:50	779	569	668	659	875	828	810	605	609	607	-12	794	752	937	823	8.1	7.1	7.5	7.2	8.5	8.6	8.4	6.8	6.8	6.7	11.9	7.4	7.3	9.0	7.4
10/28 21:00	846	624	807	785	917	826	805	642	545	581	-12	559	560	690	680	8.8	7.4	8.2	7.8	8.9	8.7	8.5	7.0	6.7	6.7	11.9	6.4	6.8	7.7	7.2
10/28 21:10	840	522	675	684	884	873	832	305	300	348	-12	503	625	773	740	8.4	6.9	7.5	7.5	8.6	8.6	8.8	5.4	5.6	5.8	11.9	6.5	7.3	8.1	7.3
10/28 21:20	650	383	540	495	675	653	711	215	375	445	-12	543	588	653	617	7.3	6.3	6.8	6.3	7.5	7.6	7.4	4.8	5.9	6.2	11.9	6.6	6.6	7.5	6.8
10/28 21:30	359	220	405	400	527	550	492	452	398	406	-12	395	385	515	513	6.0	5.3	6.3	6.2	7.2	7.2	6.4	6.2	6.1	6.1	11.8	6.0	6.2	6.9	6.3
10/28 21:40	591	372	494	522	610	648	560	193	327	340	-12	348	321	421	374	7.1	6.4	6.8	6.7	7.3	7.4	7.5	4.5	5.8	5.7	11.8	6.0	5.7	6.4	6.0
10/28 21:50	429	239	389	397	461	432	402	110	147	144	-12	196	224	242	270	6.8	5.5	6.5	6.4	6.9	6.8	6.8	4.0	4.7	4.6	11.8	4.8	5.2	5.3	5.3
10/28 22:00	452	237	323	315	417	416	442	125	265	254	-13	270	231	229	233	6.8	5.5	6.0	5.7	6.6	6.7	6.9	4.2	5.4	5.4	11.8	5.5	5.2	5.2	5.3
10/28 22:10	456	199	303	301	398	295	252	81	178	158	-13	179	203	233	212	6.9	5.1	5.8	5.7	6.4	5.7	5.8	3.7	4.8	4.6	11.8	4.9	5.1	5.1	5.0
10/28 22:20	297	128	198	209	291	374	391	77	105	98	-13	121	142	163	139	6.0	4.4	4.9	5.0	6.0	6.4	6.4	3.7	4.1	4.1	11.8	4.3	4.7	4.7	4.4
10/28 22:30	263	97	245	335	441	503	724	143	201	184	-13	240	259	289	240	5.5	4.1	5.4	5.8	6.7	6.5	7.9	4.4	5.1	5.0	11.8	5.2	5.7	5.7	5.2
10/28 22:40	365	33	305	404	580	488	456	185	235	205	-13	246	255	326	295	6.1	3.2	5.5	6.0	7.3	6.7	7.1	4.7	5.3	5.1	11.8	5.2	5.4	5.8	5.5
10/28 22:50	109	3	90	327	431	359	378	281	226	172	-13	155	159	172	154	4.0	3.3	3.3	5.5	6.7	6.4	6.1</								

10/29 0:00	156	-26	149	439	548	493	526	74	194	273	-13	496	576	561	665	4.5	2.4	3.9	6.4	7.2	6.6	7.1	3.5	4.9	5.3	11.7	6.3	6.7	7.1	6.8
10/29 0:10	250	-25	153	608	720	760	729	148	357	379	-13	538	628	561	636	4.9	2.1	3.9	7.0	8.1	8.2	8.1	4.5	6.0	6.0	11.7	6.6	6.8	7.2	6.8
10/29 0:20	345	-26	299	905	1,086	1,121	1,079	417	669	542	-13	665	640	848	796	5.5	2.8	4.7	8.0	9.4	9.4	9.3	6.0	7.0	6.5	11.7	6.9	6.8	8.9	7.5
10/29 0:30	354	55	107	1,022	1,078	1,065	1,012	537	663	686	-13	950	879	1,051	1,042	5.7	3.8	3.5	8.9	9.6	9.4	9.2	6.5	7.0	7.0	11.7	7.8	7.6	9.6	8.1
10/29 0:40	232	-6	140	936	971	949	876	361	780	817	-13	1,094	989	1,366	1,262	5.1	3.3	3.7	8.4	9.0	8.8	8.7	5.5	7.6	7.5	11.7	8.2	7.9	11.2	8.5
10/29 0:50	295	21	114	741	713	713	682	250	715	680	-13	1,000	1,020	1,208	1,270	5.5	3.1	3.2	7.7	8.0	7.8	7.8	4.9	7.7	7.1	11.7	8.3	8.2	10.4	8.6
10/29 1:00	255	-20	119	660	686	659	622	188	577	638	-14	876	943	1,172	1,164	5.0	2.3	3.1	7.5	8.2	7.8	7.7	4.6	6.8	6.9	11.7	8.0	8.2	10.4	8.4
10/29 1:10	368	-17	351	889	984	939	920	252	760	795	-14	1,070	1,113	1,318	1,311	5.8	2.6	4.9	8.1	9.1	8.7	8.5	5.1	7.5	7.6	11.7	8.2	8.4	11.0	8.7
10/29 1:20	401	16	573	1,059	1,111	1,043	1,102	299	842	837	-14	1,160	1,228	1,496	1,648	5.7	3.1	6.5	8.7	9.3	8.9	9.2	5.4	7.8	7.6	11.7	8.5	8.7	11.4	9.9
10/29 1:30	371	8	524	925	1,030	1,022	997	573	864	842	-14	1,178	1,129	1,427	1,491	5.4	2.7	6.9	8.3	8.9	9.0	8.7	6.7	7.5	7.6	11.7	8.4	8.2	11.2	9.6
10/29 1:40	207	-19	227	653	726	766	794	380	676	647	-14	928	856	1,016	923	4.5	2.2	4.4	7.4	8.3	8.3	8.4	5.7	7.1	6.9	11.7	7.7	7.6	9.7	8.1
10/29 1:50	132	-28	105	658	774	894	965	411	755	764	-14	910	809	931	821	4.2	2.0	3.2	7.5	8.5	9.0	9.2	6.0	7.5	7.5	11.7	7.7	7.5	9.4	8.0
10/29 2:00	102	-28	65	641	694	721	738	219	643	616	-14	715	696	845	772	3.7	2.3	3.1	7.3	8.3	8.2	8.3	4.8	7.4	7.1	11.7	7.4	7.3	9.4	8.0
10/29 2:10	170	-12	177	566	517	675	662	294	409	476	-14	736	728	897	861	4.5	2.7	4.2	6.9	7.2	7.8	8.1	5.7	6.1	6.4	11.7	7.3	7.4	9.3	8.0
10/29 2:20	270	52	305	471	669	818	696	136	342	369	-14	535	635	804	829	5.1	3.6	5.3	6.3	7.5	8.0	7.4	3.9	5.9	5.8	11.7	6.6	7.2	8.7	7.7
10/29 2:30	151	-3	145	591	578	848	798	233	350	395	-14	580	580	858	778	4.3	3.1	3.7	7.0	7.5	8.4	8.1	5.1	5.9	5.9	11.6	6.8	6.7	8.9	7.4
10/29 2:40	422	66	234	982	1,117	965	914	419	812	871	-14	997	958	1,176	1,147	6.2	4.3	4.3	8.6	9.6	8.9	8.8	5.9	7.6	7.6	11.6	7.8	7.8	10.3	8.3
10/29 2:50	498	143	146	804	757	708	804	641	936	980	-14	1,310	1,192	1,287	1,302	6.7	4.9	3.9	8.0	8.3	7.9	8.6	6.8	7.8	7.8	11.6	8.7	8.5	10.5	8.5
10/29 3:00	418	97	101	572	729	750	812	600	894	1,082	-14	1,383	1,192	1,453	1,470	6.3	4.7	3.4	6.6	8.1	8.0	8.6	6.6	7.9	8.0	11.6	8.9	8.5	10.8	8.8
10/29 3:10	470	99	220	1,082	1,008	1,094	1,012	772	1,204	1,425	-14	1,492	1,148	1,399	1,389	6.3	4.1	4.2	8.5	8.5	9.2	9.3	7.1	8.8	9.0	11.6	9.3	8.3	10.8	8.7
10/29 3:20	545	118	387	1,244	1,345	1,183	1,036	723	1,427	1,401	-14	1,597	1,326	1,522	1,634	6.5	4.7	5.2	9.0	9.7	9.3	9.0	6.9	9.0	8.8	11.6	9.4	8.8	11.0	9.3
10/29 3:30	451	42	297	649	557	583	572	960	1,409	1,257	-14	1,195	1,289	1,462	1,265	6.2	4.3	4.9	7.1	7.1	6.9	7.3	7.4	9.0	8.5	11.6	8.3	8.4	11.0	8.3
10/29 3:40	219	11	134	471	445	457	599	846	1,062	792	-14	1,218	873	1,034	950	4.9	3.3	3.7	6.4	6.6	6.6	7.8	7.3	8.2	7.2	11.6	8.4	7.4	9.4	7.4
10/29 3:50	260	26	278	443	569	700	671	710	1,014	897	-15	810	915	1,203	980	5.4	3.7	5.0	6.2	7.1	7.4	7.5	6.9	8.2	7.7	11.6	7.5	7.9	10.1	7.5
10/29 4:00	294	-11	197	434	565	584	640	544	769	734	-15	917	756	927	932	5.2	3.1	4.1	6.3	7.5	7.4	7.4	6.4	7.4	7.2	11.6	7.9	7.3	9.0	7.3
10/29 4:10	185	-6	147	787	763	753	670	622	723	631	-15	776	679	800	729	4.6	3.2	3.7	7.7	7.7	8.1	7.8	6.9	7.3	6.8	11.6	7.4	6.9	8.5	7.0
10/29 4:20	258	1	120	800	877	897	796	444	549	514	-15	512	449	581	679	5.3	3.4	3.3	7.5	8.8	8.6	8.4	6.0	6.7	6.3	11.6	6.4	6.1	7.5	6.8
10/29 4:30	421	39	141	982	1,097	995	860	358	525	442	-15	510	553	808	917	6.0	4.0	3.5	8.2	9.7	9.2	8.8	5.7	6.7	6.1	11.6	6.7	6.7	8.9	7.7
10/29 4:40	429	67	136	914	917	901	865	442	630	619	-15	763	691	924	1,037	6.1	4.0	3.6	8.0	8.8	8.4	8.4	5.9	6.9	6.8	11.6	7.2	7.3	9.3	7.9
10/29 4:50	598	38	471	1,065	1,287	1,157	1,000	361	495	420	-15	552	570	864	927	6.6	3.7	5.3	8.5	10.0	9.3	8.9	5.9	6.4	5.9	11.6	6.6	6.7	8.7	7.6
10/29 5:00	412	52	142	878	1,054	1,008	904	447	544	450	-15	513	498	590	664	6.2	3.8	3.4	8.3	9.5	9.2	8.8	6.3	6.8	6.2	11.6	6.5	6.4	7.4	6.9
10/29 5:10	468	4	257	970	1,188	1,104	1,023	608	684	683	-15	717	678	860	748	6.1	3.0	4.2	8.5	9.8	9.4	9.3	6.9	7.2	7.1	11.5	7.1	7.1	8.9	7.2
10/29 5:20	176	6	131	818	945	933	922	703	788	856	-15	826	775	1,025	774	4.2	3.1	3.5	7.9	9.1	9.0	9.0	7.0	7.3	7.6	11.5	7.4	7.4	9.5	7.2
10/29 5:30	340	34	152	1,122	1,191	1,112	1,038	359	562	571	-15	713	656	951	772	5.7	3.8	3.8	9.2	10.0	9.6	9.3	5.7	6.8	6.6	11.5	7.2	7.0	9.2	7.4
10/29 5:40	632	196	105	925	1,113	1,096	991	479	766	635	-15	612	565	884	924	7.5	5.7	3.4	8.4	9.7	9.4	9.2	6.3	7.4	6.7	11.5	6.7	6.6	9.0	7.8
10/29 5:50	580	234	124	965	1,005	1,012	995	469	614	528	-15	463	442	625	672	7.0	5.5	3.4	8.3	9.2	9.2	9.3	6.1	6.9	6.4	11.5	6.3	6.2	7.9	7.1
10/29 6:00	382	66	139	912	1,104	1,118	984	417	418	535	-15	497	559	869	820	6.1	4.3	3.7	8.1	9.2	9.7	9.4	5.9	6.2	6.5	11.5	6.3	6.9	9.0	7.4
10/29 6:10	375	60	146	744	787	745	751	642	539	936	-15	986	882	1,119	971	5.6	4.1	3.6	7.4	8.7	8.2	8.4	6.9	6.5	7.8	11.5	7.9	7.9	10.1	7.7
10/29 6:20	517	179	52	746	878	859	838	673	1,017	1,100	-15	1,022	834	1,244	933	6.9	5.4	2.6	7.8	8.9	8.7	8.8	6.9	8.2	8.1	11.5	7.8	7.3	10.3	7.5
10/29 6:30	606	206	71	685	878	765	804	737	867	1,105	-15	998	794	1,040	778	7.2	5.7	2.8	7.4	8.3	8.3	8.8	7.1	7.6	8.2	11.5	7.9	7.3	9.6	7.0
10/29 6:40	736	218	137	948	994	851	836	641	874	804	-15	829	768	1,003	958	7.8	5.6	3.5	8.4	9.1	8.7	8.7	6.5	7.6	7.3	11.5	7.8	7.4	9.5	7.7
10/29 6:50	725	272	141	742	827	814	909	582	934	966	-16	820	657	885	774	8.0	6.3	4.0	7.8	8.4	8.5	8.9	6.6	7.9	7.7	11.5	7.5	7.1	9.0	7.3
10/29 7:00	484	127	173	919	1,048	850	939	509	556	734	-16	734	694	980	825	6.4	4.4	4.0	8.0	9.1	8.1	8.3	6.4	6.6	7.2	11.5	7.2	7.3	9.4	7.3
10/29 7:10	434	4	157	969	1,083	916	778	221	547	667	-16	823	850	1,089	830	5.9	3.2	3.6	8.1	9.1	8.6	7.6	4.7	6.4	6.9	11.5	7.4	7.3	9.7	7.3
10/29 7:20	403	8	213	818	976	928	890	133	334	389	-16	621	577	837	752	5.5	3.0	4.3	7.5	8.6	8.6	8.3	4.5	5.8	5.9	11.5	6.7	6.7	8.7	7.0
10/29 7:30	716	154	633	726	905	842	816	39	99	184	-16	311	300	513	550	7.6	4.4	7.4	7.6	8.5	8.1	8.0	3.4	4.0	4.8	11.5	5.5	5.4	6.9	6.5
10/29 7:40	422	119	354	424	577	462	406	-6	-4	29	-16	50	63	232	247	6.4	3.9	6.0	6.3	7.4	7.0	6.8	2.7	2.7	3.4	11.4	3.4	3.8	5.4	5.1

10/29 8:50	0	-22	-8	1	4	-2	-2	-10	-7	-9	-16	-8	-8	46	5	2.8	3.0	2.6	2.5	2.6	2.3	2.3	2.6	2.7	3.0	11.4	2.5	2.7	3.7	3.1
10/29 9:00	-16	-22	-7	26	48	34	26	-10	-7	-8	-16	-9	-9	-11	-22	2.7	3.0	3.0	2.9	3.6	3.3	3.1	2.4	2.1	2.1	11.4	1.2	1.8	2.1	2.1
10/29 9:10	1	-21	29	57	77	77	59	-11	-8	-7	-16	-8	-8	-8	-19	3.1	3.3	3.1	3.5	3.9	3.9	3.6	2.7	2.1	2.0	11.4	1.5	1.5	2.0	2.1
10/29 9:20	108	-21	31	78	127	117	109	6	24	14	-16	-9	7	-5	76	4.2	3.5	2.8	3.7	4.4	4.3	4.1	3.5	3.8	3.7	11.4	3.1	3.5	2.9	3.8
10/29 9:30	50	-18	-1	57	113	69	58	176	125	62	-16	47	145	85	184	3.7	2.9	2.4	3.6	4.4	3.8	3.6	4.9	4.3	3.8	11.4	3.7	4.7	4.4	4.8
10/29 9:40	37	-14	-11	80	66	12	38	186	84	-10	-16	-5	99	13	86	3.5	3.1	2.5	3.8	3.8	2.7	3.3	4.9	4.1	2.7	11.4	1.7	4.2	2.8	4.1
10/29 9:50	187	59	28	178	194	137	115	78	96	59	-17	-6	-9	15	118	5.0	4.1	3.1	4.8	5.2	4.7	4.4	3.9	4.2	3.8	11.4	2.1	2.6	2.7	4.3
10/29 10:00	196	92	29	165	143	86	86	13	-10	-9	-17	-7	3	-11	112	5.1	4.4	3.0	4.7	4.8	4.0	4.1	2.7	1.5	1.8	11.4	1.6	2.5	2.4	4.1
10/29 10:10	52	-4	82	82	73	56	52	-10	-9	-9	-17	-4	-9	-10	7	3.5	3.3	4.0	3.8	3.9	3.8	3.5	1.0	0.4	1.1	11.3	1.3	0.9	1.3	2.2
10/29 10:20	3	-29	23	53	95	101	101	-7	-7	-8	-17	-4	-7	-8	-21	2.7	2.9	2.9	3.5	4.3	4.2	4.0	1.3	1.4	1.4	11.3	1.3	1.3	1.7	1.8
10/29 10:30	-28	-26	-8	-10	27	54	60	-7	-7	-8	-17	-4	-8	-9	-19	2.0	1.7	2.2	1.8	3.3	3.5	3.7	2.0	1.8	1.5	11.3	1.9	1.7	1.7	2.3
10/29 10:40	-23	-24	-7	-8	3	12	19	-8	-8	-8	-17	-4	-8	-8	-19	1.9	2.4	2.0	1.9	2.7	2.9	2.9	2.3	2.2	2.4	11.3	2.4	2.4	2.3	2.7
10/29 10:50	-22	-24	-7	-7	-10	-10	-11	-8	-8	-9	-17	-4	-9	-6	-18	1.9	1.8	2.0	1.9	2.5	2.4	2.3	1.7	1.4	1.4	11.3	1.8	1.4	1.5	1.7
10/29 11:00	-22	-23	-8	-9	-8	-8	-8	-8	-8	-9	-17	-4	-9	-7	-18	1.9	1.7	2.3	2.5	3.2	2.6	2.8	1.9	1.6	1.9	11.3	1.4	1.3	2.5	2.3
10/29 11:10	-23	-22	-8	-8	14	-5	-8	-9	-9	-9	-17	-4	-9	-7	-19	2.6	1.7	2.5	2.5	3.1	3.1	3.0	1.8	1.5	1.6	11.3	1.6	1.6	2.5	2.8
10/29 11:20	-23	-22	-9	-9	30	44	29	-9	-9	-10	-17	-5	-10	-7	-18	2.9	2.7	2.8	2.8	3.1	3.2	3.2	2.3	2.0	2.3	11.3	2.5	2.5	3.1	3.0
10/29 11:30	137	-23	98	113	140	146	153	9	-10	-5	-17	73	20	-9	65	4.6	3.4	4.3	4.1	4.7	4.6	4.6	3.8	3.6	3.7	11.3	4.2	3.7	3.9	4.5
10/29 11:40	293	87	304	232	279	251	245	90	80	88	-17	122	119	109	205	5.7	5.1	6.1	5.1	5.9	5.6	5.4	4.1	4.2	4.1	11.3	4.4	4.2	5.1	5.1
10/29 11:50	406	352	527	555	735	486	453	263	335	348	-17	319	258	458	476	6.6	6.2	6.8	6.6	8.0	7.1	6.9	5.1	5.7	5.9	11.3	5.7	5.2	6.6	6.1
10/29 12:00	639	821	772	841	851	743	802	937	848	855	-17	844	1,002	854	912	7.2	8.2	7.4	7.6	8.3	8.3	8.4	7.9	7.5	7.4	11.3	7.5	8.1	8.7	7.4
10/29 12:10	1,010	999	1,269	1,409	1,435	1,116	1,186	1,171	1,210	1,257	-17	1,126	946	1,270	1,104	8.8	9.4	9.1	9.4	9.9	9.4	9.6	8.2	8.2	8.5	11.3	8.1	7.6	10.1	8.1
10/29 12:20	889	919	1,161	1,134	1,320	1,356	1,275	1,032	843	1,175	-17	879	677	799	973	8.5	9.0	8.6	8.3	9.7	10.2	9.7	8.1	7.3	8.1	11.3	7.6	6.7	8.4	7.6
10/29 12:30	1,223	1,231	1,285	1,233	1,280	1,294	1,385	1,077	776	806	-17	1,276	909	991	1,403	8.9	10.1	9.4	8.7	9.4	9.5	9.8	8.1	7.2	7.4	11.3	8.6	7.4	8.9	8.7
10/29 12:40	1,390	1,212	1,261	1,443	1,651	1,637	1,294	1,421	780	920	-17	923	1,204	1,205	1,294	10.3	9.9	9.6	9.8	10.5	10.5	9.9	8.8	7.3	7.5	11.3	7.4	8.2	10.2	8.4
10/29 12:50	1,347	1,093	1,444	1,576	1,577	1,684	1,722	1,438	1,412	1,242	-18	1,504	1,504	1,505	1,806	10.2	9.7	9.9	10.3	10.3	10.8	11.5	8.8	8.9	8.7	11.2	9.2	8.9	10.8	10.1
10/29 13:00	1,438	1,437	1,823	1,588	1,670	1,708	1,818	1,416	1,248	1,701	-18	1,331	1,287	1,277	1,703	10.8	10.8	11.3	10.3	11.0	11.0	12.0	8.9	8.4	9.9	11.2	8.6	8.6	10.8	9.8
10/29 13:10	1,572	1,430	1,585	1,602	1,665	1,470	1,400	1,630	1,378	1,887	-18	1,600	1,335	1,602	1,533	10.7	10.9	10.2	10.3	10.6	10.0	10.2	9.7	8.7	10.1	11.2	9.3	8.4	11.7	8.8
10/29 13:20	1,651	1,223	1,523	1,748	1,872	1,587	1,215	1,854	1,417	1,576	-18	1,839	1,853	1,681	1,440	11.0	10.1	10.3	10.7	11.5	10.8	9.4	10.3	9.1	9.3	11.2	10.5	10.2	11.8	8.9
10/29 13:30	1,359	1,491	1,727	1,844	1,838	1,755	1,612	1,921	1,839	1,624	-18	1,746	1,800	1,635	1,821	10.3	11.2	11.0	11.1	11.4	12.0	11.5	10.3	10.0	9.5	11.2	10.1	9.8	11.7	10.6
10/29 13:40	1,800	1,489	1,584	1,513	1,840	1,560	1,641	1,505	983	1,747	-18	1,315	1,171	1,119	1,511	11.7	10.9	10.2	9.8	11.3	10.8	11.1	9.1	7.8	9.7	11.2	8.6	8.2	9.9	8.9
10/29 13:50	1,650	1,466	1,778	1,439	1,460	1,209	1,319	1,280	882	1,409	-18	1,146	1,305	1,443	1,513	10.6	11.0	11.0	9.9	10.0	9.4	9.9	8.7	7.5	8.7	11.2	8.2	8.5	10.9	9.1
10/29 14:00	1,403	1,263	1,154	933	1,155	1,174	1,355	852	1,076	1,418	-18	1,064	598	1,014	1,250	10.0	10.0	8.6	8.3	9.1	9.6	10.2	7.3	8.1	8.9	11.2	8.0	6.5	9.2	8.3
10/29 14:10	1,032	678	1,090	1,107	1,144	843	1,070	1,148	1,100	1,058	-18	1,212	1,140	1,240	1,548	9.0	8.2	9.2	8.4	9.5	8.3	9.1	8.3	8.3	8.0	11.2	8.4	8.5	10.8	9.2
10/29 14:20	1,140	1,155	1,255	1,182	1,596	1,456	1,436	1,121	1,262	1,702	-18	1,112	1,261	1,322	1,143	9.5	10.0	9.3	8.6	10.9	10.4	10.5	8.2	8.5	9.8	11.2	8.2	8.4	10.4	8.2
10/29 14:30	1,440	1,488	1,716	1,419	1,630	1,383	1,240	1,601	1,421	1,834	-18	1,613	1,312	1,597	1,598	10.2	10.9	10.9	9.5	10.8	10.1	10.0	9.4	8.9	10.1	11.2	9.3	8.5	11.5	9.5
10/29 14:40	1,727	1,639	1,815	1,456	1,739	1,707	1,501	1,937	1,568	1,842	-18	1,760	1,664	1,855	1,792	11.6	11.7	11.2	9.9	11.3	11.2	10.5	10.7	9.2	10.1	11.2	9.9	9.3	12.5	9.8
10/29 14:50	1,384	1,421	1,756	1,844	1,848	1,483	1,485	1,830	1,437	1,809	-18	1,897	1,729	1,750	1,977	10.1	11.2	10.9	11.2	11.7	10.5	10.8	10.1	9.1	9.9	11.2	10.1	9.6	12.0	10.6
10/29 15:00	1,641	1,437	1,764	1,920	1,957	1,917	1,829	1,928	1,791	1,889	-18	1,945	1,735	1,646	1,881	11.4	11.2	11.0	11.9	13.4	12.2	12.7	10.6	10.1	10.1	11.2	10.4	10.3	11.7	10.2
10/29 15:10	1,872	1,605	1,923	2,011	1,968	1,985	1,933	1,987	2,002	1,961	-18	1,916	1,996	1,904	2,014	12.1	11.8	11.7	12.8	13.1	12.4	13.3	11.0	11.0	11.1	11.2	10.5	11.2	13.1	11.1
10/29 15:20	1,974	1,876	1,997	1,867	1,955	2,000	1,937	1,937	1,985	1,997	-18	1,996	1,953	1,878	1,980	13.0	12.9	12.5	12.3	13.1	12.9	13.8	10.8	11.3	11.2	11.1	10.8	10.7	13.0	11.8
10/29 15:30	1,895	1,935	2,016	2,001	1,995	2,000	1,996	2,000	2,002	2,003	-18	1,966	1,920	1,941	1,992	11.9	13.5	13.1	13.2	13.5	13.3	12.5	11.8	11.7	12.4	11.1	10.9	10.8	14.1	11.9
10/29 15:40	1,933	2,008	2,000	2,005	2,004	2,000	2,006	2,000	1,986	2,005	-19	2,012	1,991	1,816	1,822	13.5	14.7	14.6	14.2	15.4	14.6	14.5	11.8	11.4	12.1	11.1	11.0	11.8	13.2	10.6
10/29 15:50	1,965	1,923	1,999	1,992	2,000	1,973	1,992	2,000	2,002	1,999	-19	1,992	1,962	1,908	2,018	12.5	14.4	13.5	13.0	14.2	13.7	13.7	12.0	11.6	12.1	11.1	11.2	10.7	13.3	11.3
10/29 16:00	1,933	1,948	2,002	2,002	1,999	2,003	2,005	2,000	1,977	1,999	-19	2,004	2,016	1,893	1,919	12.2	13.8	13.4	13.6	14.5	13.2	13.8	12.2	11.6	11.8	11.1	11.5	11.6	13.5	10.4
10/29 16:10	1,893	1,806	1,943	1,927	1,974	1,974	1,979	2,000	1,999	2,000	-19	1,999	1,910	1,807	1,993	12.0	12.9	12.4	12.2	12.8	13.4	13.3	12.0	12.4	12.2	11.1	11.6	10.5	12.8	10.7
10/29 16:20	1,809	1,949	2,015	1,977	2,018	1,995	1,999	2,000	2,000	2																				

10/29 17:40	2,000	1,780	1,999	2,000	2,000	1,996	2,001	1,923	1,905	1,929	2,008	2,012	2,014	2,016	2,015	14.5	14.7	15.2	14.4	14.7	15.0	15.1	10.9	10.9	12.0	13.1	12.4	12.5	15.6	13.2
10/29 17:50	2,000	1,592	2,000	1,999	1,999	1,999	1,999	2,001	1,929	2,000	1,999	2,000	1,999	1,967	1,999	14.4	13.8	13.5	14.1	14.4	14.5	14.3	11.9	10.6	11.7	12.2	12.1	12.4	15.0	11.7
10/29 18:00	1,957	1,688	2,000	1,999	1,999	1,989	1,997	2,001	2,017	1,999	1,999	2,000	1,999	1,919	2,000	13.4	13.9	13.8	13.6	14.8	13.0	14.1	12.7	12.0	11.4	11.6	12.0	12.6	13.7	12.1
10/29 18:10	1,913	1,798	1,993	1,999	1,990	1,981	1,985	1,999	1,999	1,999	2,000	2,000	2,000	1,970	1,999	13.0	13.4	13.5	12.8	13.0	12.8	13.5	12.9	12.3	12.2	13.2	13.4	12.9	15.4	13.3
10/29 18:20	1,829	1,779	2,002	2,000	2,011	2,011	1,999	2,000	2,000	2,000	2,000	2,000	2,000	1,994	2,000	12.4	13.5	12.9	13.3	14.2	14.2	14.4	12.8	12.7	12.7	13.1	12.7	12.6	14.1	11.8
10/29 18:30	2,015	1,823	2,002	2,000	2,000	1,998	2,000	2,000	2,000	2,000	1,999	2,000	2,009	1,999	1,999	13.6	15.0	14.0	14.7	15.2	14.5	14.7	13.4	12.8	12.5	13.1	12.0	11.6	14.7	12.9
10/29 18:40	1,999	1,832	1,998	1,996	1,999	1,994	2,000	2,000	1,999	2,001	2,000	2,000	2,000	2,004	2,000	14.2	14.9	14.2	13.5	14.0	14.4	14.8	13.1	12.5	12.6	13.6	12.4	12.9	15.8	12.9
10/29 18:50	1,995	1,838	2,000	1,993	2,000	2,005	1,999	2,000	2,000	1,999	2,000	2,000	2,000	1,997	2,000	13.9	15.4	15.4	14.3	14.3	14.4	14.1	13.4	12.8	12.7	13.2	12.6	12.6	16.1	12.8
10/29 19:00	2,004	1,844	2,000	2,009	2,000	2,000	2,000	2,001	1,999	2,000	2,000	1,999	2,000	1,998	2,000	15.0	15.9	14.8	14.8	15.7	15.8	15.4	13.4	13.0	12.5	13.8	12.8	12.7	15.7	12.6
10/29 19:10	2,000	752	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,002	2,000	16.3	16.7	16.0	17.0	17.3	16.1	15.6	14.0	13.4	12.7	14.3	13.3	13.0	17.0	14.1
10/29 19:20	2,000	-24	1,999	2,000	1,999	2,000	1,999	1,999	1,999	1,999	2,000	2,000	2,000	1,998	2,000	15.7	16.9	17.1	16.0	16.1	16.1	16.1	13.2	13.2	13.7	13.9	14.1	12.7	16.0	12.4
10/29 19:30	1,999	-28	2,000	2,000	1,999	2,000	2,000	1,999	2,001	1,999	2,000	1,998	2,001	2,001	1,999	15.0	16.1	15.0	14.0	15.6	15.1	14.8	12.9	12.0	13.1	13.5	12.7	12.0	15.4	13.6
10/29 19:40	1,999	-26	2,000	1,989	2,000	2,000	1,998	2,001	1,997	1,999	2,000	2,000	1,999	1,959	2,001	14.1	15.7	14.2	13.9	15.7	14.8	14.9	12.3	11.5	12.1	12.2	11.9	11.5	13.8	11.8
10/29 19:50	1,998	-26	1,999	1,996	1,997	1,999	2,001	1,992	1,988	1,984	1,998	1,999	1,994	1,975	2,001	13.5	15.5	14.2	13.1	15.0	14.2	15.1	11.5	10.8	11.1	11.2	10.7	11.0	13.7	11.0
10/29 20:00	1,995	-25	1,996	2,002	1,999	1,999	1,992	2,006	1,998	2,002	2,001	1,985	1,965	1,978	1,960	13.8	13.8	12.7	13.0	14.8	14.2	14.9	11.3	10.9	11.2	11.5	10.6	10.2	13.4	11.5
10/29 20:10	1,997	-19	2,005	1,995	2,002	2,000	2,008	1,999	2,001	2,000	1,999	2,001	2,013	1,989	1,976	14.0	12.8	13.9	12.9	14.2	14.1	14.9	11.6	11.5	11.6	11.9	11.0	11.0	13.5	11.5
10/29 20:20	2,001	1,255	1,969	1,931	1,998	1,999	2,000	1,998	2,000	1,999	1,999	2,000	2,001	2,000	1,999	13.7	14.1	13.1	12.7	14.5	13.5	14.7	12.4	11.3	11.9	12.5	11.6	10.8	14.5	11.7
10/29 20:30	1,999	1,795	2,003	2,013	2,001	1,974	1,999	2,000	1,997	2,000	1,999	2,000	2,000	1,999	1,998	13.9	12.6	13.8	13.4	14.2	13.5	14.1	13.0	12.0	12.1	12.6	11.2	11.5	14.6	12.1
10/29 20:40	1,961	1,869	1,993	1,979	1,998	1,939	2,000	1,999	1,999	1,999	2,001	2,000	2,000	2,000	2,000	13.1	13.3	13.0	12.8	13.6	12.8	13.2	12.9	11.3	11.1	12.7	12.2	11.7	15.3	13.3
10/29 20:50	1,995	1,975	1,997	1,998	2,001	2,005	1,999	2,000	2,000	2,000	2,000	1,999	2,000	1,992	2,000	14.2	14.2	13.2	13.1	14.9	14.3	13.7	13.6	13.0	12.9	13.2	11.7	11.0	14.1	12.0
10/29 21:00	1,959	2,000	2,002	1,962	2,000	2,003	2,000	2,000	1,987	1,999	2,000	2,000	1,994	1,986	2,000	13.7	14.1	13.4	13.1	14.9	14.5	14.1	12.2	11.1	11.9	12.2	12.3	11.8	15.1	11.7
10/29 21:10	2,004	1,956	2,000	2,020	2,001	2,007	2,001	2,000	1,999	2,000	1,998	2,000	2,005	1,999	1,999	13.5	13.9	12.7	13.2	13.1	13.9	12.7	12.3	12.3	12.6	12.4	13.0	11.4	14.8	12.3
10/29 21:20	1,995	1,933	2,003	1,995	1,999	2,001	2,000	2,000	2,000	2,000	1,999	2,000	2,000	2,000	1,998	13.7	13.4	12.7	12.3	14.2	14.1	13.7	13.7	14.1	14.2	14.2	13.1	12.1	16.4	13.2
10/29 21:30	1,922	1,952	1,979	2,005	2,000	2,001	2,000	2,000	2,000	1,999	2,000	2,000	1,998	1,998	2,000	12.9	13.3	13.0	13.3	14.2	14.2	13.8	14.5	13.4	12.9	14.2	13.2	12.0	15.6	12.0
10/29 21:40	2,018	2,008	2,005	2,000	2,000	1,999	2,000	2,000	2,000	1,987	2,000	2,000	2,000	1,989	1,999	14.0	15.4	15.5	16.0	16.6	15.9	15.5	12.1	11.8	12.2	12.5	13.6	12.4	15.0	12.5
10/29 21:50	1,942	1,994	1,999	2,000	2,000	2,000	1,999	2,001	2,001	2,013	2,000	1,999	2,000	1,939	1,999	13.4	14.6	14.7	15.2	16.6	15.1	15.2	13.0	12.6	13.3	15.0	12.7	11.8	14.2	13.1
10/29 22:00	1,999	2,000	2,000	2,001	2,000	1,999	2,000	2,000	1,999	2,000	2,000	2,000	2,000	2,003	2,001	13.9	15.3	16.0	15.8	15.5	14.8	15.8	14.7	13.9	14.1	14.8	14.7	14.6	16.7	12.8
10/29 22:10	2,003	1,981	2,000	1,972	1,999	2,000	2,000	1,999	2,000	1,999	1,999	2,000	2,000	2,001	2,000	16.2	15.3	15.5	14.7	15.2	16.3	17.1	14.2	14.0	14.8	15.3	14.3	14.5	16.9	13.3
10/29 22:20	1,999	1,944	1,999	2,004	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,001	2,000	15.5	15.7	14.6	15.1	16.1	16.1	15.5	13.5	13.1	14.4	16.2	14.0	14.6	17.9	14.1
10/29 22:30	1,640	1,641	1,840	1,492	1,670	1,811	1,550	1,678	1,436	1,521	1,522	1,483	1,552	1,810	1,440	16.0	15.3	15.6	16.1	16.7	15.7	17.2	15.2	14.3	14.9	14.4	14.5	15.0	16.8	15.4
10/29 22:40	-6	-6	-1	-4	-5	0	-4	-4	-3	-4	-4	-4	-5	-2	-5	16.3	17.7	16.6	16.6	18.2	16.6	18.2	16.6	14.1	13.8	15.3	14.6	14.0	17.8	14.3
10/29 22:50	-5	-6	-4	-5	-5	-3	-5	-5	-4	-4	-5	-5	-6	-4	-6	14.3	16.0	15.8	16.2	16.3	16.8	16.4	14.1	12.5	13.6	13.2	13.2	13.1	16.5	13.2
10/29 23:00	1,234	1,239	1,253	1,238	1,229	1,256	1,254	1,240	1,237	1,256	1,148	1,244	1,247	1,252	1,238	14.6	16.1	16.1	15.6	16.2	15.7	16.2	12.7	13.0	13.0	12.5	13.0	12.7	16.3	13.9
10/29 23:10	1,956	1,966	1,993	1,956	1,969	1,986	1,998	1,926	1,773	1,996	1,994	1,982	1,998	1,974	1,999	13.3	14.3	14.2	13.6	14.7	15.2	14.9	11.6	10.7	12.4	11.9	12.2	11.4	15.2	12.5
10/29 23:20	1,733	1,780	1,992	1,923	1,797	1,820	1,737	1,750	1,238	1,928	2,006	1,892	1,923	1,841	1,734	12.0	12.7	12.9	12.2	12.4	12.1	11.8	10.2	8.5	11.0	12.4	10.5	10.5	13.3	10.2
10/29 23:30	1,677	1,805	1,885	1,945	1,992	1,946	1,908	2,016	1,603	1,900	1,882	1,956	1,671	1,696	1,798	12.5	13.0	12.4	13.0	13.9	12.9	13.3	11.6	10.2	10.9	11.0	11.0	9.9	12.3	9.9
10/29 23:40	1,986	1,643	2,013	1,803	1,883	1,961	1,875	1,999	1,929	1,858	1,599	1,458	1,757	1,857	1,999	13.7	14.3	14.2	12.6	13.4	13.3	12.9	12.3	10.9	10.6	9.9	9.1	9.7	13.5	12.2
10/29 23:50	2,015	1,578	2,001	1,979	1,975	1,946	1,968	2,001	1,993	1,961	2,012	2,008	1,891	1,801	1,921	14.4	14.5	13.6	13.9	14.5	14.2	15.4	12.1	11.6	11.9	12.6	12.4	10.5	13.2	11.4
10/30 0:00	1,933	1,678	1,805	1,556	1,650	1,525	1,520	2,000	1,902	1,996	2,002	1,891	1,950	1,924	1,914	13.5	13.3	12.7	11.2	12.5	11.2	11.0	13.7	11.5	11.7	13.5	12.0	11.2	14.1	11.5
10/30 0:10	1,587	759	1,812	1,932	1,896	1,775	1,925	1,981	1,793	1,931	1,986	1,940	1,733	1,835	1,935	11.9	12.7	12.0	12.2	12.8	12.6	12.3	12.6	10.9	11.6	12.3	11.8	11.5	14.8	11.4
10/30 0:20	1,843	1,944	2,015	1,993	2,019	2,020	1,999	2,010	1,918	1,927	1,954	2,005	1,864	1,794	1,905	12.6	13.5	13.2	13.1	14.8	15.7	15.1	12.0	10.7	10.5	10.9				

10/30 2:30	2,000	1,950	1,997	2,011	2,000	2,013	1,998	2,000	1,982	1,992	2,000	1,999	1,931	1,923	2,000	13.4	13.7	13.0	12.9	13.9	13.5	13.6	12.5	11.1	11.1	12.0	11.8	10.4	13.3	11.6
10/30 2:40	1,999	1,917	1,979	1,993	2,000	1,984	1,989	2,000	1,999	2,000	1,998	1,999	1,998	2,017	2,000	13.0	13.7	13.0	13.3	14.1	13.5	13.3	13.2	11.4	11.8	11.6	11.9	12.0	15.0	11.6
10/30 2:50	1,982	2,019	2,017	2,008	1,988	2,012	1,999	2,000	1,954	1,999	2,000	2,000	1,999	1,988	1,977	13.2	14.3	14.2	13.8	13.8	13.9	13.9	13.3	10.6	11.1	11.6	12.0	11.3	13.8	11.7
10/30 3:00	2,010	2,001	1,998	1,980	2,009	2,000	1,998	2,000	2,016	1,994	2,000	2,001	2,000	2,005	2,012	13.8	14.7	14.0	13.3	13.6	13.5	13.7	11.5	11.6	11.4	11.7	11.3	11.8	14.0	11.7
10/30 3:10	2,000	2,000	2,000	2,012	1,999	1,999	2,000	2,000	2,000	1,999	2,000	2,000	1,999	1,998	1,999	14.3	14.7	15.0	13.7	13.8	14.4	14.6	13.1	12.6	11.6	13.1	11.9	12.3	14.3	12.6
10/30 3:20	2,000	2,000	1,999	2,000	2,000	2,000	2,000	1,999	1,998	2,001	2,000	1,999	2,001	1,999	1,998	15.2	15.2	15.3	14.6	15.2	14.6	15.0	13.6	11.8	12.0	12.3	11.6	11.2	14.3	12.2
10/30 3:30	1,999	2,000	2,000	1,998	1,999	1,999	2,000	1,999	2,001	1,999	1,999	1,970	1,949	1,998	2,001	14.9	15.0	15.1	14.5	14.8	14.2	14.7	13.3	11.5	12.2	11.5	10.4	10.3	14.0	11.9
10/30 3:40	2,000	2,001	2,000	1,999	2,000	2,000	2,000	2,000	1,986	1,998	2,001	2,006	1,993	1,887	1,995	14.7	14.7	14.9	13.6	14.1	13.4	13.6	12.8	10.8	11.3	11.8	11.4	10.9	12.9	12.1
10/30 3:50	1,999	1,960	1,999	1,999	1,999	1,997	1,999	2,000	2,004	2,000	1,998	2,000	1,999	2,014	1,999	14.3	14.8	14.8	13.7	14.3	14.0	14.4	13.6	12.7	13.0	13.0	11.5	11.5	14.3	11.6
10/30 4:00	906	917	1,110	843	972	1,079	936	1,079	806	872	877	846	920	1,078	801	13.6	15.3	13.9	13.0	13.8	12.9	14.0	12.5	12.0	12.9	12.8	12.5	12.2	15.2	13.0
10/30 4:10	-5	-6	-5	-5	-5	-4	-6	-4	-4	-5	-4	-5	-5	-4	-6	12.3	16.7	15.0	14.2	14.1	13.9	13.4	12.3	12.4	12.9	12.2	12.4	11.8	13.7	11.6
10/30 4:20	-9	-11	-8	-8	-9	-8	-10	-7	-7	-8	-7	-8	-8	-8	-10	12.8	15.4	13.4	12.4	13.2	12.8	14.1	12.6	11.5	12.9	12.9	12.8	12.2	15.5	11.6
10/30 4:30	1,790	1,722	1,814	1,825	1,741	1,743	1,797	1,809	1,587	1,792	1,764	1,693	1,591	1,472	1,477	12.1	13.5	12.6	12.3	12.2	12.4	12.5	11.8	10.1	10.9	10.4	10.4	9.7	11.8	9.7
10/30 4:40	1,989	1,924	2,001	1,985	1,956	1,856	1,944	1,998	2,014	1,993	2,009	2,013	1,871	1,663	1,958	12.7	13.5	12.3	12.2	12.9	12.4	12.3	11.1	11.2	10.7	11.4	11.2	10.1	12.2	10.6
10/30 4:50	1,915	1,929	1,978	1,778	1,672	1,573	1,865	1,978	1,831	2,000	1,934	1,980	2,007	1,926	2,001	12.0	13.0	11.9	11.2	10.5	10.6	11.5	10.7	9.7	11.3	10.9	10.8	11.1	13.3	10.9
10/30 5:00	1,855	1,766	1,920	2,006	1,927	1,798	1,891	1,951	2,015	1,997	1,959	1,855	1,916	1,906	1,998	11.6	12.6	11.4	12.2	11.9	11.6	11.9	10.7	11.2	10.9	10.8	9.8	10.1	13.2	10.8
10/30 5:10	1,775	1,848	1,992	1,899	1,904	1,479	1,822	1,999	2,000	2,004	2,000	2,005	1,995	2,017	1,871	11.2	12.7	11.8	11.5	11.5	10.0	11.0	11.5	11.1	11.1	11.7	10.4	10.6	13.6	10.4
10/30 5:20	1,884	1,762	2,013	1,958	1,873	1,734	1,529	1,957	1,866	1,999	1,899	2,011	2,004	1,966	1,999	11.2	12.8	12.4	12.0	11.8	11.0	9.8	10.8	9.8	11.1	10.3	10.7	10.9	13.7	11.7
10/30 5:30	1,902	1,864	1,961	1,916	1,927	1,794	1,787	1,912	1,891	1,996	1,990	1,999	1,992	1,903	1,998	11.6	12.7	12.1	12.1	12.0	11.5	11.1	9.8	9.9	10.8	10.6	10.2	10.4	13.2	10.5
10/30 5:40	1,949	1,998	1,961	1,945	1,903	1,965	2,013	2,004	1,939	2,001	1,974	1,987	2,005	1,993	1,992	12.0	14.4	12.0	12.6	12.2	12.8	13.2	11.1	10.4	10.8	10.5	10.6	10.5	13.5	11.1
10/30 5:50	2,020	1,954	2,005	1,970	1,991	1,870	1,951	1,994	1,828	1,943	1,927	1,923	1,661	1,874	1,984	13.2	13.9	13.1	12.6	12.8	11.8	12.1	11.0	10.0	10.5	10.2	10.2	8.9	12.6	10.0
10/30 6:00	1,988	2,001	2,000	2,000	1,978	1,947	2,014	2,003	1,756	1,838	1,759	1,764	1,825	1,916	1,974	12.3	14.2	13.8	13.2	13.0	12.8	13.2	11.6	9.6	9.8	9.5	9.4	9.4	12.7	10.7
10/30 6:10	2,010	1,999	1,994	2,000	2,011	2,014	2,005	1,894	1,543	1,988	1,935	1,930	1,749	1,910	1,994	13.4	14.0	13.9	13.1	13.8	13.1	13.4	10.5	8.8	10.4	10.1	10.0	9.4	12.5	10.2
10/30 6:20	1,999	1,983	1,998	2,001	1,973	1,994	1,999	1,958	1,959	1,712	1,821	1,881	1,848	1,915	1,896	13.3	13.5	12.9	12.5	13.5	13.3	13.1	10.6	10.3	9.4	9.4	9.7	9.7	12.5	10.0
10/30 6:30	2,000	2,005	2,001	1,919	1,984	1,949	1,965	1,959	1,785	1,851	1,893	1,811	1,804	1,926	1,987	12.6	14.1	13.8	11.6	12.6	12.3	12.6	11.0	9.7	9.7	9.6	9.6	9.7	13.0	10.9
10/30 6:40	2,000	1,986	1,999	1,720	1,692	1,808	2,017	1,975	1,886	1,615	1,592	1,646	1,424	1,660	1,948	13.8	14.6	13.1	11.1	11.6	11.2	12.5	10.5	10.0	9.2	8.8	9.1	8.5	11.5	10.0
10/30 6:50	1,999	1,972	1,990	1,809	1,691	1,812	1,860	1,870	1,622	1,698	1,724	1,588	1,391	1,802	1,825	13.3	14.1	12.5	11.1	12.0	11.3	11.5	10.1	9.5	9.5	9.3	8.9	8.4	12.1	9.8
10/30 7:00	2,000	1,944	1,842	1,763	1,559	1,522	1,784	1,842	1,940	2,005	1,844	1,750	1,633	1,811	1,994	12.4	13.5	10.9	10.7	10.4	10.7	11.0	9.9	10.1	10.5	9.4	9.3	8.9	12.4	10.4
10/30 7:10	1,952	1,761	1,847	1,757	1,831	1,753	1,915	2,014	2,002	1,982	1,880	1,931	1,963	1,949	1,971	12.2	12.6	11.3	10.8	11.9	11.6	12.1	11.5	10.7	10.4	10.2	10.1	10.3	13.3	10.5
10/30 7:20	1,939	1,918	1,964	1,878	1,837	1,646	1,847	1,999	1,994	1,796	2,012	1,843	1,844	1,912	1,983	12.4	13.7	12.0	11.4	11.9	11.0	11.7	11.7	11.2	9.8	10.5	9.7	9.6	12.8	10.5
10/30 7:30	1,979	1,724	1,927	1,913	1,940	1,889	1,934	1,825	1,829	1,705	1,867	1,922	1,862	1,742	1,879	12.5	13.0	11.9	12.3	13.1	13.4	13.0	9.9	10.2	9.4	9.9	10.1	9.7	12.2	10.1
10/30 7:40	1,880	1,847	1,992	1,985	2,004	2,004	1,909	1,973	1,785	1,792	1,919	1,972	1,821	1,744	1,884	11.9	12.9	12.5	12.3	14.0	14.5	12.6	10.2	9.8	9.7	10.7	10.0	9.3	12.5	9.9
10/30 7:50	1,829	1,756	2,013	1,981	1,970	1,860	1,758	1,776	1,440	1,847	1,882	1,898	1,560	1,677	1,927	11.6	12.2	12.4	12.9	13.1	13.4	11.3	9.8	8.6	9.5	9.7	10.0	8.7	11.8	9.9
10/30 8:00	1,823	1,766	1,953	2,015	1,954	1,761	1,890	1,867	1,173	1,903	1,798	1,685	1,605	1,798	1,835	11.4	12.5	11.8	12.6	12.6	12.4	11.9	10.3	8.0	9.7	9.5	9.1	9.0	12.1	9.8
10/30 8:10	1,886	1,888	1,984	1,923	1,893	1,751	1,919	2,012	1,862	1,775	1,881	1,519	1,886	1,905	1,905	11.8	13.1	12.2	11.9	12.5	11.7	12.1	11.4	9.8	9.6	10.2	8.7	9.5	12.9	9.6
10/30 8:20	1,950	1,857	1,891	1,925	1,942	1,851	1,764	1,964	1,741	1,897	1,896	1,684	1,579	1,671	1,950	12.1	13.1	11.3	11.9	12.2	12.0	11.2	10.4	9.6	9.9	9.9	9.2	8.6	11.8	9.9
10/30 8:30	1,950	1,742	1,988	1,838	1,654	1,638	1,898	1,856	1,584	1,737	1,694	1,562	1,666	1,800	1,821	11.7	13.0	12.4	11.1	10.8	10.8	11.8	10.0	9.1	9.3	9.2	8.6	9.1	12.3	9.4
10/30 8:40	1,838	1,905	1,983	1,802	1,831	1,830	1,973	1,973	1,877	1,587	1,901	1,784	1,917	1,850	1,642	11.2	13.0	12.3	11.5	12.2	12.0	12.5	10.8	9.8	9.1	9.7	9.4	9.9	12.3	9.2
10/30 8:50	1,761	1,698	1,945	1,710	1,783	1,856	1,887	1,907	1,594	1,602	1,660	1,634	1,355	1,791	1,814	11.0	12.4	11.9	11.1	11.6	12.3	11.7	10.3	9.3	8.9	9.1	9.2	8.0	12.4	9.6
10/30 9:00	1,825	1,866	1,919	1,770	1,736	1,875	1,915	1,972	1,653	1,683	1,687	1,525	1,448	1,516	1,564	11.3	12.6	11.6	11.1	11.3	12.4	11.8	10.4	9.4	9.1	9.0	9.0	8.4	11.4	8.8
10/30 9:10	1,798	1,680	1,960	1,996	1,928	1,789	1,939	1,983	1,474	1,918	1,554	1,813	1,921	1,804	1,848	11.0	12.6	11.7	12.1	12.4	12.1	12.1	10.6	8.8	9.8	8.8	9.7	10.0	12.4	9.5
10/30 9:20	1,738	1,706	1,718	1,713	1,813	1,895	1,979	1,5																						

10/30 11:20	1,155	-15	988	748	714	698	970	1,793	1,748	1,856	1,776	1,915	1,781	24	1,916	8.3	13.5	7.6	6.8	7.3	6.9	8.0	9.9	9.5	9.7	9.5	10.3	9.3	11.7	9.9
10/30 11:30	1,325	-16	1,289	1,334	1,215	617	704	1,609	1,872	1,978	1,569	1,377	1,784	21	1,818	9.0	13.3	8.4	8.7	8.9	7.0	6.7	9.4	9.8	10.4	8.8	8.4	9.3	11.2	9.5
10/30 11:40	583	-16	1,257	1,061	1,117	736	968	1,923	1,982	1,969	2,015	1,985	1,825	17	1,856	6.5	13.2	8.2	7.8	8.7	7.5	7.6	10.3	10.7	10.9	10.5	10.5	9.6	10.7	9.7
10/30 11:50	841	-16	1,309	718	804	985	1,187	1,872	1,866	2,007	1,960	1,997	1,771	13	1,704	7.9	13.1	8.8	7.0	7.9	8.1	9.1	10.5	10.1	10.6	10.4	11.0	9.7	10.2	9.4
10/30 12:00	1,289	-16	1,587	1,412	1,273	1,323	1,323	2,011	2,015	1,969	1,880	1,998	1,772	10	1,635	8.9	13.0	9.5	9.3	9.4	9.2	8.9	11.2	10.3	10.6	10.1	10.3	9.6	9.7	9.1
10/30 12:10	1,065	-17	1,534	1,295	1,340	1,411	1,555	1,969	1,681	1,999	2,000	1,880	1,928	6	1,867	8.5	12.9	9.2	8.7	9.5	9.5	10.1	10.7	9.5	11.2	10.7	10.2	10.0	9.2	9.9
10/30 12:20	1,402	-17	1,549	1,513	1,517	1,580	1,680	1,999	1,975	1,976	1,999	1,991	1,922	2	2,009	9.5	12.7	10.0	9.5	10.3	9.9	10.2	11.0	10.5	10.8	11.7	10.5	10.0	8.7	10.6
10/30 12:30	1,697	269	1,526	1,498	1,520	1,586	1,435	2,001	2,004	1,896	1,948	1,970	1,668	-1	1,973	10.1	12.4	9.4	9.3	10.0	9.9	9.6	10.9	10.7	10.1	10.8	10.7	9.1	8.2	11.0
10/30 12:40	622	1,558	1,241	1,236	1,588	1,638	1,865	1,865	1,718	1,952	1,910	1,937	1,760	-5	1,622	10.2	11.1	8.9	8.6	9.9	10.3	11.4	10.3	9.4	10.7	10.1	10.3	9.5	7.7	9.1
10/30 12:50	321	1,653	1,710	988	1,259	1,607	1,704	1,858	1,894	2,006	1,752	1,455	1,440	-9	1,754	12.5	11.9	10.3	8.2	9.1	10.2	10.7	10.0	10.1	11.0	9.8	8.9	8.9	7.2	9.4
10/30 13:00	1,543	1,295	1,154	1,123	1,226	1,349	1,160	1,773	1,968	1,973	1,973	1,759	1,692	21	1,518	9.9	10.3	8.6	7.9	8.7	8.9	8.6	10.0	10.5	10.8	11.2	9.5	9.4	7.1	8.8
10/30 13:10	1,331	393	1,377	917	1,114	1,406	1,449	1,970	1,854	1,607	1,906	1,557	1,470	1,653	1,603	9.4	9.0	9.1	7.7	8.7	9.5	9.7	11.1	10.3	9.2	10.4	8.9	8.8	9.8	9.2
10/30 13:20	1,246	1,077	1,187	1,159	1,389	1,567	1,619	1,937	1,769	1,947	1,990	1,902	1,632	1,843	1,957	9.3	10.1	9.0	8.7	9.4	10.2	10.4	10.6	9.8	10.4	10.9	10.4	9.5	10.4	10.1
10/30 13:30	1,268	1,531	1,409	1,297	1,568	1,596	1,682	1,974	1,757	1,974	1,985	1,781	1,769	1,893	1,980	9.6	11.0	9.5	9.1	10.2	10.1	10.7	11.0	10.1	11.1	11.2	9.9	9.7	10.8	10.2
10/30 13:40	1,781	1,527	1,168	1,101	1,120	1,374	1,606	1,995	1,846	2,008	2,012	1,850	1,550	1,773	1,959	10.8	11.2	9.0	8.3	8.4	9.5	10.5	10.5	10.1	11.3	11.9	9.8	8.8	10.2	10.5
10/30 13:50	1,739	1,522	1,554	1,577	1,513	1,433	1,682	1,967	1,915	1,968	1,973	1,616	1,792	1,793	1,985	11.1	11.4	10.1	10.1	9.9	9.8	10.9	10.7	10.3	11.3	10.9	9.5	9.7	10.1	10.5
10/30 14:00	1,683	1,784	1,869	1,552	1,498	1,345	1,385	1,939	1,786	1,758	1,922	1,639	1,711	1,898	1,899	11.2	12.8	11.2	10.6	9.8	9.5	9.8	10.4	10.4	10.1	10.2	9.6	9.6	10.4	10.3
10/30 14:10	2,003	1,789	1,877	1,787	1,566	1,607	1,897	2,005	1,893	1,556	1,491	1,827	1,450	1,774	1,709	12.2	12.6	11.5	11.6	10.0	10.2	11.5	10.9	10.1	9.5	9.0	10.1	8.7	9.8	9.4
10/30 14:20	1,896	1,923	1,979	1,965	1,990	1,841	1,732	1,738	1,870	1,884	1,954	1,951	1,844	1,678	1,777	11.7	13.2	11.8	12.1	12.2	11.8	10.8	9.7	10.5	10.4	10.9	10.5	10.0	10.0	9.8
10/30 14:30	1,763	1,819	1,938	1,969	1,815	1,526	1,448	1,822	1,781	1,872	1,956	1,967	1,864	1,809	1,640	11.0	12.6	11.9	12.2	11.2	10.2	10.0	10.1	9.9	10.5	10.9	10.5	10.1	10.2	9.3
10/30 14:40	1,805	1,914	1,774	1,727	1,467	1,551	1,689	1,640	1,737	1,683	1,910	2,016	1,859	1,820	1,692	11.6	12.7	11.6	10.8	10.0	10.3	11.5	9.4	9.7	9.5	10.3	10.8	9.8	10.4	9.6
10/30 14:50	1,757	1,888	1,965	1,661	1,640	1,857	1,914	1,898	1,060	1,906	1,999	1,928	1,915	1,820	2,004	11.6	12.7	12.1	10.8	10.9	11.8	12.2	10.3	7.8	10.5	11.1	10.5	9.8	10.2	11.1
10/30 15:00	1,878	1,783	1,915	1,975	1,756	1,549	1,545	1,701	1,663	1,864	1,834	1,586	1,578	1,793	1,736	11.7	12.5	11.9	12.4	11.3	10.3	10.8	9.5	9.5	10.0	9.9	9.0	9.2	10.1	10.0
10/30 15:10	1,807	1,922	1,995	1,583	1,715	1,871	1,985	1,992	1,967	1,850	1,713	1,589	1,774	1,852	1,707	11.6	12.9	12.1	10.8	10.8	11.9	12.8	10.4	10.5	10.4	10.3	9.3	9.8	10.5	9.5
10/30 15:20	1,820	1,665	1,544	1,926	1,937	1,893	1,923	1,975	1,995	1,985	1,999	1,882	1,828	1,904	1,845	11.2	11.8	10.6	11.7	11.7	11.4	11.9	10.6	11.1	10.6	10.7	10.8	9.9	10.5	9.6
10/30 15:30	1,620	1,688	1,868	1,817	1,989	1,728	1,792	1,999	1,999	1,940	1,953	1,837	1,901	1,912	1,515	11.1	11.9	11.3	11.6	11.3	10.8	11.0	11.1	11.1	10.2	10.5	10.1	10.3	10.8	8.9
10/30 15:40	1,458	1,692	1,967	1,813	1,687	1,560	1,809	2,001	1,985	1,958	2,017	1,717	1,728	1,888	1,875	10.4	13.1	12.1	11.6	10.7	10.5	11.1	11.2	10.7	10.2	11.1	9.8	9.5	10.5	9.9
10/30 15:50	1,774	1,911	1,919	1,668	1,591	1,767	1,917	2,000	2,014	2,006	1,999	1,988	2,015	1,949	1,885	11.4	12.7	12.0	11.1	10.7	11.4	12.1	11.9	11.2	11.5	11.0	11.2	11.2	11.3	9.9
10/30 16:00	1,808	1,807	1,976	1,682	1,692	1,956	1,923	1,999	1,967	1,960	1,999	1,990	1,889	2,001	2,012	12.0	12.3	12.4	11.1	10.9	11.7	11.9	11.9	10.3	10.8	10.7	10.5	10.3	11.2	10.8
10/30 16:10	1,768	1,886	1,923	1,733	1,831	1,898	1,924	2,000	1,987	1,949	1,950	1,833	1,956	1,942	1,967	11.6	12.4	11.7	11.3	11.1	11.8	12.0	11.0	11.7	10.4	10.2	10.4	10.2	10.3	10.9
10/30 16:20	1,874	1,930	2,005	1,749	1,961	1,891	1,918	2,000	1,838	1,956	1,852	1,837	1,750	1,980	2,007	11.7	12.8	12.3	11.5	12.3	11.8	11.9	11.4	9.9	10.7	9.9	9.8	9.3	10.9	10.3
10/30 16:30	2,004	1,990	1,967	1,855	1,875	1,706	1,839	1,944	1,975	1,601	1,949	1,502	1,830	1,970	1,996	12.6	13.1	12.1	11.7	11.7	11.1	11.9	10.4	10.4	9.1	10.1	9.0	9.8	10.8	10.3
10/30 16:40	1,910	1,966	1,958	1,963	2,010	1,997	1,936	1,940	1,862	1,923	1,951	1,739	1,928	1,987	2,000	12.4	13.5	12.8	12.5	12.6	12.2	12.5	10.8	10.0	11.2	11.2	9.6	10.1	11.2	10.9
10/30 16:50	2,005	1,971	2,008	2,002	2,008	1,768	1,645	1,999	2,010	2,002	1,979	1,652	1,958	1,977	1,996	12.7	13.5	12.9	13.3	13.2	11.0	10.6	11.0	10.8	10.9	10.4	9.6	10.4	11.7	11.0
10/30 17:00	1,914	1,839	1,978	1,716	1,830	1,701	1,817	2,001	1,949	1,997	2,003	1,983	2,003	1,994	1,992	12.0	12.8	12.1	11.4	11.5	11.1	11.2	11.7	10.7	10.9	11.1	10.6	10.4	11.1	10.7
10/30 17:10	1,832	1,950	1,843	1,857	1,843	1,355	1,434	2,000	1,999	2,000	2,000	2,002	1,979	1,987	2,008	11.8	12.9	11.0	11.6	11.2	9.7	10.2	12.2	11.4	11.5	11.5	10.7	10.4	11.0	10.5
10/30 17:20	1,827	1,709	1,914	1,741	1,866	1,456	1,663	2,000	1,999	1,987	1,999	1,999	2,000	2,010	2,006	11.5	11.8	11.5	11.1	11.5	9.9	10.7	12.4	11.4	11.4	11.5	10.9	10.6	11.2	10.8
10/30 17:30	1,851	1,687	1,869	1,796	1,845	1,479	1,093	2,000	1,995	2,009	2,000	1,998	2,003	2,000	2,000	11.6	11.6	11.3	11.3	11.0	9.9	8.7	11.5	10.7	11.3	11.5	10.8	10.6	11.2	10.9
10/30 17:40	1,862	1,727	1,891	1,818	1,845	1,721	1,488	2,000	2,001	2,001	2,000	2,000	1,999	2,001	1,999	11.7	11.7	11.5	11.5	11.4	10.8	10.1	12.0	12.5	12.6	12.5	11.6	11.0	11.7	10.8
10/30 17:50	1,899	1,895	2,017	1,911	1,999	1,835	1,910	1,999	1,999	2,000	2,000	2,000	1,999	2,000	1,999	12.3	12.7	12.6	11.8	12.5	11.8	11.8	12.1	12.0	12.3	12.4	11.7	10.5	11.4	11.2
10/30 18:00	2,018	2,011	2,002	1,959	1,970	2,006	1,988	1,999	1,998	1,999	2,000	2,000	1,980	2,001	1,999	13.3	13.6	12.5	12.1	12.8	12.5	12.5	12.0	11.2	11.5	11.4	11.1	10.6	11.7	11.3
10/30 18:10	2,000	2,000	2,000	2,014	2,007	1,972	2,011	2,000	2,000	2,000	2,000																			

10/30 20:10	1,999	1,999	2,000	2,001	2,000	1,999	2,000	2,000	2,000	2,000	2,001	1,998	2,001	1,999	15.4	14.7	14.0	13.6	14.6	14.1	14.3	12.8	11.7	12.2	12.3	11.5	11.2	12.4	12.1		
10/30 20:20	1,999	2,000	2,000	1,999	2,000	2,000	2,000	2,000	1,999	2,000	1,999	2,000	2,001	2,000	2,000	15.4	14.8	14.1	13.1	14.4	14.1	14.4	12.7	11.8	11.7	12.1	11.4	10.8	12.0	12.0	
10/30 20:30	2,000	2,000	1,999	1,999	2,000	2,001	1,999	1,999	1,999	1,999	2,000	1,999	2,000	1,999	1,999	15.9	14.5	14.5	14.0	15.1	14.7	15.3	12.1	11.7	11.8	12.4	11.1	10.8	12.1	12.0	
10/30 20:40	2,000	1,995	1,999	2,000	2,000	2,000	2,000	2,000	1,999	1,999	1,999	1,986	2,000	2,000	2,000	15.7	14.2	13.6	13.8	15.0	14.7	15.5	12.0	12.0	12.0	12.7	11.0	10.4	12.0	12.0	
10/30 20:50	2,000	2,002	2,000	1,999	2,000	2,000	2,000	1,999	1,999	2,000	1,994	2,000	1,925	1,923	1,997	1,999	15.6	14.6	13.8	13.3	14.8	14.6	15.5	11.6	10.9	11.1	11.7	10.3	10.0	11.3	11.3
10/30 21:00	2,000	1,999	1,999	2,000	1,999	1,999	1,999	2,000	1,999	2,004	2,000	1,934	1,679	2,005	1,997	16.0	14.6	14.0	13.6	15.2	15.0	15.5	11.4	11.3	10.9	11.3	10.1	9.5	11.0	10.9	
10/30 21:10	2,000	1,997	1,999	1,999	2,000	1,999	2,000	1,999	1,999	1,999	1,995	2,020	2,000	2,000	2,000	16.1	15.0	14.4	13.0	15.2	14.5	15.2	12.4	11.6	11.3	12.1	10.5	10.4	11.5	11.6	
10/30 21:20	2,000	1,999	2,000	2,001	1,998	1,999	1,999	2,000	2,001	2,000	2,000	2,003	1,950	2,000	1,998	16.2	14.9	13.3	12.4	14.4	14.2	15.0	12.1	11.3	11.7	11.9	11.2	10.0	11.0	10.9	
10/30 21:30	2,000	1,999	2,000	1,987	1,998	1,995	1,997	1,999	1,998	1,999	1,999	1,999	1,993	2,000	2,000	15.4	13.7	12.9	12.1	13.9	13.4	13.8	11.8	11.6	11.7	12.0	10.4	10.3	11.5	11.2	
10/30 21:40	2,000	1,999	2,001	1,916	1,997	1,999	1,905	2,000	1,999	1,999	1,999	1,997	1,999	2,000	1,999	14.0	13.0	12.1	11.4	13.3	12.8	12.8	11.6	11.6	11.7	11.8	10.7	10.3	11.6	11.4	
10/30 21:50	2,000	1,988	1,997	1,853	1,975	1,982	1,995	2,000	2,000	1,999	2,000	1,996	1,993	2,000	1,999	13.8	12.9	12.0	11.1	12.8	12.5	13.1	11.8	11.7	11.9	12.2	10.9	10.4	11.8	11.4	
10/30 22:00	1,893	1,804	1,940	1,921	2,010	1,903	1,735	2,000	2,000	2,001	1,999	1,950	1,939	2,000	1,996	12.2	12.0	11.6	11.5	12.7	12.0	11.7	11.3	10.8	11.3	11.6	10.1	10.0	11.2	10.6	
10/30 22:10	545	565	735	356	470	615	377	654	485	521	552	486	436	756	486	11.6	11.4	10.9	10.2	11.5	10.8	10.6	11.0	10.6	11.1	11.3	9.8	8.9	10.2	10.0	
10/30 22:20	-7	-3	-6	-6	-5	-3	-4	-4	-7	-5	-4	-4	-7	-4	-4	10.3	10.3	9.8	9.1	10.6	9.7	10.1	10.1	10.2	10.7	10.3	8.9	8.2	8.7	9.0	
10/30 22:30	901	645	646	522	852	823	831	683	496	481	656	421	181	344	372	10.0	9.2	9.0	8.1	10.1	9.5	9.2	8.4	7.8	7.7	8.4	7.1	5.7	6.5	6.6	
10/30 22:40	1,582	1,057	1,165	1,096	1,444	1,527	1,532	668	396	297	403	280	172	276	391	10.0	9.0	8.6	8.7	10.1	10.0	10.4	6.8	5.7	5.4	5.7	5.0	4.4	4.8	5.8	
10/30 22:50	1,781	1,365	1,450	1,345	1,548	1,671	1,509	372	228	198	240	116	17	271	262	10.9	10.3	9.6	9.3	10.2	10.5	10.8	5.7	5.0	4.3	4.9	3.9	3.1	5.0	5.1	
10/30 23:00	1,827	1,580	1,573	1,329	1,500	1,431	1,332	386	90	68	139	-15	4	334	402	11.4	11.1	9.9	9.2	10.1	9.7	10.2	5.7	3.7	3.7	4.2	3.0	3.2	5.2	5.9	
10/30 23:10	1,644	1,461	1,405	1,109	1,403	1,263	1,260	484	161	150	381	242	467	1,060	998	11.0	10.4	9.4	8.8	10.1	9.4	9.9	6.1	4.2	4.3	5.7	4.8	6.1	8.0	7.7	
10/30 23:20	1,181	881	844	575	867	881	1,022	437	160	389	589	413	467	1,171	1,423	9.7	8.1	7.9	7.1	8.4	8.5	8.9	5.9	4.4	5.8	6.6	5.6	5.8	8.2	9.0	
10/30 23:30	463	364	582	353	674	832	1,077	780	499	909	1,135	754	860	1,069	939	6.3	6.1	6.7	5.5	7.5	8.1	8.7	7.0	6.1	7.4	7.9	7.1	7.2	7.7	7.5	
10/30 23:40	845	544	775	498	872	1,113	1,374	924	697	761	710	420	317	352	297	8.4	7.0	7.5	6.7	8.1	8.9	10.0	7.4	6.8	7.0	6.9	5.8	5.4	5.2	5.5	
10/30 23:50	1,355	1,034	1,272	952	1,284	1,354	1,597	297	446	255	212	77	78	95	138	9.7	8.7	9.1	8.3	9.6	9.9	10.7	5.1	5.8	4.7	4.7	3.5	4.0	3.6	4.2	
10/31 0:00	1,477	1,052	1,096	740	1,086	1,072	1,294	22	51	14	46	-10	-10	121	243	10.3	8.7	8.5	7.7	9.3	9.2	10.0	3.1	3.4	2.9	3.5	2.4	2.9	3.9	5.3	
10/31 0:10	973	660	637	411	615	775	1,107	171	62	158	338	345	417	731	1,037	8.9	7.2	7.2	6.4	7.4	8.0	9.3	4.5	3.6	4.4	5.7	5.9	6.0	7.1	8.0	
10/31 0:20	1,087	713	823	643	969	1,148	1,456	745	295	451	725	619	674	920	1,190	9.9	7.6	8.1	7.4	8.9	9.4	10.5	7.1	5.5	6.1	7.2	6.8	7.0	8.0	8.2	
10/31 0:30	1,318	1,063	1,125	924	1,206	1,337	1,617	1,177	518	700	899	779	745	994	1,149	9.6	9.6	9.3	8.8	9.8	10.2	10.8	8.3	6.4	7.2	7.7	7.4	7.3	8.4	8.3	
10/31 0:40	1,266	975	961	751	934	1,238	1,546	1,304	635	813	1,022	927	822	1,115	1,219	9.4	8.8	8.9	7.8	8.4	9.8	10.6	8.7	6.9	7.5	8.0	7.9	7.6	8.4	8.5	
10/31 0:50	1,361	938	954	715	806	1,119	1,347	1,290	723	798	937	794	716	1,014	1,182	9.2	8.9	8.6	7.5	8.4	9.4	10.6	8.8	7.3	7.5	7.8	7.6	7.5	8.2	8.9	
10/31 1:00	1,442	1,123	1,153	879	977	1,161	1,379	1,238	691	790	940	789	731	1,099	1,354	10.9	9.4	9.2	8.2	9.5	9.6	10.5	8.6	7.1	7.5	7.8	7.7	7.3	8.2	9.2	
10/31 1:10	1,307	1,017	1,090	826	1,094	1,126	1,425	1,067	760	898	1,050	862	774	1,042	1,215	11.0	8.6	9.3	8.7	9.8	9.7	10.4	8.1	7.2	7.7	8.3	8.1	7.8	8.2	8.9	
10/31 1:20	1,217	943	1,073	865	1,118	1,216	1,499	1,320	888	1,064	1,240	996	878	1,232	1,333	11.0	8.4	9.5	8.8	10.0	10.0	10.8	8.9	7.6	8.2	8.4	8.6	8.0	8.9	9.7	
10/31 1:30	1,341	999	1,112	931	1,280	1,489	1,738	1,361	1,030	1,186	1,471	1,098	951	1,312	1,517	11.7	8.6	9.4	8.7	10.6	10.5	11.4	8.9	8.1	8.2	9.1	8.8	7.8	9.2	9.9	
10/31 1:40	1,517	1,292	1,448	1,249	1,473	1,657	1,914	1,755	1,262	1,459	1,622	1,321	1,145	1,606	1,870	12.6	9.9	11.1	10.6	11.3	11.0	12.0	9.8	8.5	9.1	9.3	9.5	8.5	9.9	10.1	
10/31 1:50	787	744	856	626	812	902	942	837	490	563	652	478	461	824	737	12.1	11.8	11.8	11.0	11.6	11.2	12.7	9.7	8.4	9.0	9.4	8.9	8.4	9.5	10.2	
10/31 2:00	-5	-2	-2	-4	-5	-3	-2	-5	-4	-4	-4	-4	-5	-3	-3	12.1	12.7	11.6	10.2	11.6	12.7	13.8	9.9	8.1	8.9	8.9	8.4	8.1	8.8	9.4	
10/31 2:10	-8	-3	-3	-7	-7	-6	-3	-8	-6	-6	-6	-6	-9	-5	-4	12.3	12.0	11.1	9.6	11.4	12.4	13.1	9.1	6.9	7.4	8.0	6.5	6.5	8.1	9.0	
10/31 2:20	1,607	1,398	1,360	1,126	1,428	1,437	1,649	889	420	511	759	444	358	686	1,091	12.5	11.2	10.4	10.0	11.4	11.7	12.4	8.5	6.5	6.9	7.8	6.5	6.1	8.1	9.1	
10/31 2:30	2,012	1,744	1,772	1,431	1,804	1,778	2,000	1,166	900	1,115	1,405	840	619	1,072	1,387	12.6	11.6	11.3	10.9	11.5	11.6	12.2	8.8	7.9	8.5	9.1	7.7	7.1	9.0	9.7	
10/31 2:40	2,000	1,876	1,925	1,621	1,845	1,872	2,001	1,516	1,283	1,491	1,846	1,188	895	1,570	1,842	12.9	12.5	12.5	12.5	12.2	11.9	12.5	9.6	8.9	9.5	10.2	9.0	8.1	9.9	10.6	
10/31 2:50	1,998	1,772	1,880	1,612	1,826	1,857	1,998	1,629	1,397	1,475	1,893	1,147	836	1,595	1,965	12.7	12.4	12.0	12.1	12.0	11.7	12.4	9.6	9.3	9.3	10.3	8.6	7.6	10.3	10.5	
10/31 3:00	1,593	1,514	1,464	1,326	1,435	1,524	1,789	1,205	832	998	1,348	826	604	1,234	1,505	12.1	11.4	11.3	10.4	10.7	10.6	11.4	8.5	7.5	8.2	9.0	7.8	6.6	9.2	9.7	
10/31 3:10	1,408	1,367	1,307	1,210	1,377	1,440	1,702	1,051	673	726	1,122	596	555	1,325	1,578	11.9	10.4	10.9	10.3	10.6	10.5	11.3	8.0	7.0	6.9	8.4	6.9	6.4	9.4	10.3	
10/31 3:20	1,709	1,377	1,493	1,316	1,609	1,678	1,954	1,207	895	888	1,203	737	704	1,478	1,882	11.9	10.0	11.1	11.2	11.5	11.4	12.1	8								

10/31 5:00	1,190	815	844	772	1,327	1,343	1,541	1,230	976	1,167	1,592	986	898	1,512	1,832	11.3	7.9	7.9	7.8	10.4	11.1	11.5	8.4	7.7	8.3	9.7	8.0	7.8	10.0	10.1
10/31 5:10	1,159	731	949	892	1,418	1,375	1,616	1,231	1,010	1,184	1,499	1,009	909	1,457	1,729	11.0	7.6	8.4	8.4	10.6	11.2	11.4	8.5	8.0	8.6	9.6	8.3	8.2	10.0	10.1
10/31 5:20	1,137	721	992	954	1,392	1,349	1,580	1,328	950	1,093	1,429	981	863	1,409	1,684	11.0	7.5	8.6	8.8	10.5	10.9	11.3	8.9	7.8	8.2	9.3	8.0	7.8	10.1	10.1
10/31 5:30	947	573	803	786	1,210	1,217	1,420	1,138	890	986	1,273	1,006	810	1,263	1,423	10.1	6.8	7.9	8.2	10.1	10.3	10.5	8.6	7.7	8.1	8.9	8.6	7.9	9.1	9.3
10/31 5:40	815	445	741	788	1,095	1,086	1,250	953	801	889	1,086	777	615	978	1,059	9.3	6.4	7.8	8.4	9.5	9.7	10.0	8.2	7.6	7.9	8.4	7.8	7.3	8.4	8.6
10/31 5:50	629	337	528	625	831	881	1,041	814	703	781	973	711	599	795	872	8.3	6.0	6.8	7.7	8.5	8.7	8.9	7.8	7.4	7.6	8.0	7.8	7.2	7.8	8.0
10/31 6:00	671	355	467	480	851	930	1,102	1,008	828	885	1,058	695	472	764	855	8.3	6.0	6.6	6.8	8.7	9.2	9.6	8.3	7.7	8.0	8.1	7.5	6.3	7.8	8.2
10/31 6:10	629	385	552	520	748	739	880	793	685	729	847	545	380	546	608	8.1	6.2	7.5	7.6	8.2	8.3	8.8	7.6	7.2	7.4	7.6	6.9	6.0	6.7	7.4
10/31 6:20	713	466	709	669	990	1,043	1,099	1,042	768	808	982	463	341	549	645	8.6	6.5	8.3	8.4	9.5	9.7	9.9	8.3	7.5	7.5	8.1	6.1	5.5	6.4	7.1
10/31 6:30	732	371	595	541	873	944	1,079	819	563	643	778	337	232	371	314	8.2	6.2	7.3	7.6	9.0	9.2	9.6	7.7	6.6	6.7	7.3	5.5	5.0	5.4	5.6
10/31 6:40	584	351	521	463	650	689	793	513	384	395	528	293	228	469	443	7.5	6.3	7.2	7.3	8.0	8.1	8.3	6.3	5.8	5.9	6.5	5.3	4.9	6.5	6.5
10/31 6:50	669	459	598	523	692	702	795	709	569	596	777	447	353	590	648	7.5	6.7	7.5	7.6	8.2	8.2	8.4	7.4	6.8	6.9	7.6	6.1	5.8	7.4	7.4
10/31 7:00	844	557	749	666	923	947	1,081	946	728	743	877	473	380	666	654	8.8	7.5	8.3	8.2	9.2	9.4	9.9	7.9	7.3	7.3	7.9	6.5	6.0	7.7	7.7
10/31 7:10	723	520	648	600	836	829	962	893	671	623	695	342	333	574	623	8.2	6.8	7.8	7.4	8.8	8.9	9.4	7.6	7.2	7.0	7.6	5.9	5.7	7.6	7.1
10/31 7:20	552	384	493	469	687	687	805	588	446	457	529	356	344	482	513	7.4	6.2	7.1	6.9	8.1	8.2	8.6	6.7	6.4	6.4	6.6	6.4	6.2	6.8	6.6
10/31 7:30	309	234	302	304	451	480	525	362	313	317	372	273	265	306	302	6.7	5.0	6.3	6.4	7.0	7.2	7.4	6.1	5.5	5.5	5.9	5.8	5.6	5.8	6.0
10/31 7:40	420	305	403	384	587	594	666	379	352	348	435	320	351	383	376	7.0	5.6	6.7	6.8	7.8	7.9	8.1	6.1	5.8	5.8	6.3	6.0	6.0	6.1	6.1
10/31 7:50	486	346	437	449	636	662	729	185	318	341	394	317	345	344	356	7.2	6.1	6.8	7.0	8.2	8.2	8.5	4.5	5.6	5.8	5.9	6.1	6.2	5.9	5.9
10/31 8:00	611	365	487	455	702	724	715	281	660	609	698	499	583	654	591	7.3	6.0	6.9	7.2	8.3	8.4	8.3	4.6	7.4	7.1	7.4	6.8	7.1	7.6	7.1
10/31 8:10	526	286	365	350	575	571	560	259	420	384	444	315	337	396	338	7.1	5.4	6.2	6.4	7.6	7.7	7.6	4.3	6.3	6.1	6.2	5.9	5.8	6.2	6.2
10/31 8:20	537	297	416	410	676	646	635	154	436	420	498	332	313	399	375	7.4	6.0	6.7	6.9	8.2	8.1	7.9	3.7	6.3	6.2	6.5	6.1	5.7	6.4	6.1
10/31 8:30	707	386	526	528	873	774	791	154	426	398	544	361	411	631	594	8.1	6.3	7.2	7.5	9.0	8.7	8.8	3.6	6.3	6.1	6.8	6.4	6.3	7.2	6.8
10/31 8:40	658	431	613	592	902	951	1,032	222	456	483	665	444	466	649	596	8.0	6.8	7.6	7.8	9.2	9.5	9.8	4.5	6.6	6.5	7.1	6.7	6.5	7.1	6.8
10/31 8:50	666	480	576	590	823	808	843	464	486	468	596	428	460	564	552	8.1	7.0	7.7	7.8	8.7	8.6	8.9	6.5	6.6	6.6	6.9	6.5	6.6	7.2	6.9
10/31 9:00	936	596	744	812	1,085	997	1,009	226	563	552	698	549	613	728	675	9.0	8.1	8.4	8.7	9.5	9.6	9.5	4.8	7.1	6.8	7.5	6.6	7.2	7.7	7.0
10/31 9:10	1,100	679	889	984	1,239	1,131	1,178	209	538	552	797	698	813	1,050	1,013	9.8	8.0	8.9	9.0	10.1	10.2	10.4	4.5	6.7	6.8	7.5	7.1	7.9	8.6	8.0
10/31 9:20	859	180	810	950	1,129	1,070	1,071	457	971	926	1,096	904	932	1,111	1,035	9.3	3.8	8.7	8.9	10.0	9.9	10.0	5.9	8.2	8.1	8.3	7.7	8.3	8.9	8.2
10/31 9:30	962	297	1,178	1,379	1,467	1,353	1,348	332	1,348	1,337	1,644	1,530	1,620	1,783	1,782	8.8	4.3	10.2	10.3	11.4	11.5	11.5	5.4	9.5	9.0	9.6	9.7	9.7	10.7	9.9
10/31 9:40	579	203	1,159	1,553	1,793	1,594	1,634	1,049	2,018	1,995	2,006	2,002	2,006	2,000	2,004	5.7	4.7	8.8	12.0	12.9	12.6	12.5	7.5	11.4	10.7	11.1	11.0	10.9	11.8	11.0
10/31 9:50	650	139	1,193	1,691	1,936	1,901	1,895	1,431	2,000	1,961	1,999	1,974	1,956	1,999	2,000	6.2	4.0	8.5	12.7	13.0	13.3	13.1	8.6	11.0	10.6	10.7	10.7	11.1	11.4	10.8
10/31 10:00	775	226	1,301	1,794	1,948	1,874	1,765	2,012	1,999	1,999	1,999	1,999	1,998	1,999	1,999	6.7	5.2	9.3	12.0	12.9	12.5	12.4	11.5	11.8	11.9	11.6	11.6	12.1	12.3	11.8
10/31 10:10	919	337	1,634	2,017	2,015	2,014	1,949	1,999	1,999	1,999	1,999	1,999	1,999	1,999	1,999	7.1	6.2	11.3	12.2	13.9	13.2	13.3	12.3	12.8	12.6	12.8	12.7	12.6	13.4	12.7
10/31 10:20	1,356	435	1,395	2,000	1,998	1,946	1,994	2,000	2,000	1,999	2,000	1,999	1,999	1,999	1,999	9.5	6.5	8.9	12.5	13.2	13.0	12.3	13.0	12.8	12.5	13.7	13.2	13.1	14.4	13.5
10/31 10:30	1,234	602	1,228	1,999	1,999	1,899	1,910	2,000	1,999	1,999	2,000	1,999	1,999	1,999	2,000	9.1	7.7	8.5	12.6	12.0	12.4	11.7	12.8	13.1	12.8	13.4	13.1	13.2	14.3	13.4
10/31 10:40	1,341	644	942	1,942	1,999	1,856	1,902	1,999	2,000	2,000	2,000	1,999	1,999	1,999	1,999	9.6	8.0	7.3	11.8	12.3	12.2	11.7	12.5	12.8	12.1	13.1	12.2	12.3	13.8	12.9
10/31 10:50	1,131	482	792	1,826	1,907	1,805	1,736	2,001	1,999	1,999	1,999	1,999	1,999	1,999	1,999	8.6	6.8	6.7	11.5	11.5	12.1	11.1	11.1	12.9	12.2	13.2	11.8	11.6	12.9	11.5
10/31 11:00	1,161	337	687	1,607	1,783	1,409	1,465	1,999	1,999	1,999	1,999	1,999	1,999	1,999	1,999	9.0	5.8	6.3	10.6	11.2	9.8	10.2	10.6	12.3	11.6	12.4	11.2	10.7	11.9	10.8
10/31 11:10	976	157	598	1,353	1,469	1,369	983	1,724	1,798	1,749	2,000	1,999	1,999	1,999	1,999	8.3	4.8	6.1	9.6	10.5	9.5	8.3	9.4	10.1	9.5	11.1	10.6	10.7	12.4	12.0
10/31 11:20	960	243	355	1,339	1,269	1,206	1,064	1,670	1,993	1,921	1,999	1,998	1,999	2,000	1,999	8.3	5.3	4.9	10.0	9.8	9.3	9.2	9.3	10.5	9.9	11.7	10.8	10.5	11.9	11.8
10/31 11:30	968	228	467	1,238	1,322	1,082	900	1,753	2,018	2,015	1,998	2,000	2,000	1,999	1,999	8.1	5.3	5.5	9.5	10.1	8.8	8.6	9.5	11.1	10.8	12.1	11.4	11.1	12.3	11.8
10/31 11:40	1,093	336	362	1,217	1,420	1,250	1,124	1,673	1,999	1,999	2,000	1,999	2,000	1,999	1,999	8.5	6.0	5.2	9.4	10.5	9.4	9.1	9.0	10.9	10.6	12.7	11.6	11.5	12.4	11.7
10/31 11:50	1,069	310	510	1,262	1,381	1,232	1,135	1,707	2,000	1,999	2,000	2,000	1,999	1,999	1,999	8.5	5.7	5.9	9.4	10.1	9.5	9.3	9.3	11.7	11.6	13.0	11.4	11.3	12.1	11.2
10/31 12:00	1,211	320	673	1,325	1,523	1,331	1,275	1,674	1,998	1,999	1,999	1,999	1,999	2,000	2,000	9.2	5.8	6.5	9.5	10.8	9.7	9.5	8.9	11.6	11.2	12.8	11.5	11.2	12.2	11.6
10/31 12:10	1,005	185	759	1,514	1,692	1,442	1,283	1,817	2,000	1,981	2,000	2,000	1,999	2,000	1,999	8.1	5.0	6.7	10.1	11.1	10.2	9.5	9.8	11.2	11.2	13.0	11.8	11.3	12.5	12.5
10/31 12:20	1,018	216	715	1,339	1,683	1,458	1,470	1,861	1,999	2,012	2,000	1,999	2,00																	

10/31 13:50	569	290	516	1,736	1,366	1,452	1,374	969	800	722	1,125	894	1,049	1,620	1,885	7.1	6.0	6.3	11.0	10.4	10.6	10.1	7.7	7.1	7.1	8.1	7.5	8.2	9.5	10.2
10/31 14:00	816	337	679	1,841	1,735	1,740	1,645	1,213	931	1,139	1,783	1,480	1,377	1,896	2,004	7.9	6.0	6.6	11.4	11.8	11.5	10.9	8.4	7.6	8.3	9.6	9.4	8.9	10.4	10.9
10/31 14:10	941	392	975	1,977	1,747	1,868	1,773	1,628	1,394	1,439	1,848	1,726	1,541	2,016	2,000	8.3	6.3	7.9	12.1	11.7	12.1	12.4	9.3	8.9	8.9	10.1	9.7	9.2	10.9	11.3
10/31 14:20	1,159	504	948	1,990	1,695	1,837	1,664	1,267	1,588	1,667	1,953	1,844	1,611	1,987	1,993	9.3	7.2	8.1	12.4	11.8	12.3	11.3	8.2	9.5	9.3	10.7	10.2	9.4	11.0	10.8
10/31 14:30	777	355	577	1,886	1,573	1,457	1,501	748	1,327	1,081	1,602	1,564	1,367	1,887	1,924	7.6	6.3	6.4	11.8	11.3	10.6	11.3	7.1	8.6	8.1	9.3	9.3	8.5	10.4	10.2
10/31 14:40	341	94	292	1,446	1,143	1,483	1,782	1,177	1,205	1,260	1,938	1,326	1,125	1,856	1,781	5.2	3.7	4.8	9.9	9.7	11.0	11.7	8.4	8.7	8.7	10.2	8.8	8.1	10.2	10.0
10/31 14:50	216	68	111	1,077	739	1,342	1,540	1,545	1,664	1,753	1,890	1,539	1,654	1,596	1,917	4.9	3.7	3.7	8.7	8.3	10.2	10.7	9.2	9.4	10.0	10.2	9.1	9.3	9.4	10.3
10/31 15:00	260	103	136	1,143	940	1,506	1,604	1,719	1,752	1,593	1,855	1,920	1,703	1,806	1,851	5.4	4.2	3.8	8.9	9.2	10.7	11.0	9.6	9.9	9.5	10.1	10.6	9.7	10.4	10.2
10/31 15:10	101	21	104	859	1,094	1,693	1,931	1,659	1,575	1,650	1,857	1,875	1,687	1,965	1,833	3.9	3.1	3.3	7.9	9.7	11.5	12.1	9.5	9.5	9.8	10.0	10.0	9.6	10.6	10.1
10/31 15:20	114	29	126	1,047	1,352	1,751	1,915	1,650	1,506	1,680	2,000	1,936	1,660	1,912	1,959	3.7	3.2	3.8	8.6	10.5	11.4	12.3	9.5	9.1	9.8	10.9	10.5	9.6	10.7	10.7
10/31 15:30	335	170	225	1,326	1,642	1,820	1,945	1,624	1,740	1,718	1,990	1,658	1,879	1,981	1,943	5.6	4.9	4.4	9.4	11.2	11.5	13.0	9.7	10.2	9.9	10.8	9.7	10.5	11.0	10.7
10/31 15:40	406	136	282	1,463	1,315	1,603	1,362	1,465	1,640	1,715	2,005	1,686	1,681	1,918	1,920	5.9	4.6	4.9	10.2	9.9	11.0	10.7	8.8	9.5	9.9	11.3	9.5	9.7	10.9	10.2
10/31 15:50	300	121	433	1,319	712	1,178	1,351	1,476	1,610	1,688	1,980	1,757	1,744	1,972	1,930	5.5	4.2	5.7	9.4	7.4	9.5	10.4	9.0	9.6	9.7	11.2	9.8	9.6	11.1	10.5
10/31 16:00	400	182	186	1,357	988	1,112	1,118	1,263	1,398	1,143	1,820	1,698	1,467	1,659	1,679	5.7	5.0	4.2	9.8	8.8	9.2	9.5	8.5	9.0	8.1	10.0	9.5	8.9	9.8	9.8
10/31 16:10	337	198	110	758	686	959	894	1,439	1,689	1,543	1,725	1,307	1,207	1,535	1,559	5.3	5.1	3.7	7.5	7.5	8.8	8.8	9.2	10.0	9.4	9.5	8.6	8.4	9.6	9.3
10/31 16:20	206	74	109	565	717	831	970	1,300	1,729	1,403	1,525	1,167	984	1,587	1,672	4.7	3.9	3.9	6.9	8.1	8.4	9.3	8.6	9.6	8.7	9.1	8.2	7.7	9.6	9.3
10/31 16:30	283	142	106	787	1,073	1,122	1,216	1,037	1,293	1,178	1,386	983	1,118	1,210	1,277	5.1	4.6	3.7	7.8	9.2	9.8	10.1	7.9	8.3	8.4	8.7	7.7	8.1	8.5	8.2
10/31 16:40	185	125	154	1,175	1,025	1,143	1,203	1,141	950	934	1,184	759	838	1,291	1,061	4.4	4.4	4.0	9.0	8.8	9.4	9.7	8.1	7.6	7.7	8.2	7.2	7.4	8.6	7.8
10/31 16:50	717	324	365	1,484	1,144	1,187	1,090	969	1,038	933	1,274	882	826	1,341	973	7.3	6.0	5.3	10.0	9.4	9.6	9.4	7.5	7.9	7.6	8.4	7.8	7.3	9.0	7.7
10/31 17:00	365	118	147	1,014	1,222	1,217	1,313	1,011	1,396	847	1,238	1,163	978	996	1,244	6.0	4.6	3.7	8.5	9.5	9.6	10.2	7.6	8.7	7.4	8.2	8.1	7.6	7.7	8.3
10/31 17:10	377	180	134	1,144	1,465	1,266	1,337	770	1,341	1,444	1,778	1,269	1,298	1,226	1,264	5.9	4.8	3.7	8.7	10.2	9.8	10.1	6.9	8.7	9.3	10.0	8.4	8.5	8.5	8.6
10/31 17:20	277	133	307	1,357	1,428	1,501	1,523	918	1,431	1,516	1,931	1,325	1,320	1,706	1,526	4.9	4.6	4.8	9.7	9.9	10.6	10.6	7.6	9.0	9.2	10.3	8.7	8.7	9.6	8.9
10/31 17:30	513	211	397	1,533	1,613	1,551	1,317	1,230	1,731	1,713	1,894	1,841	1,562	1,805	1,710	6.7	5.4	5.4	10.5	10.6	10.5	10.4	8.3	10.2	9.9	10.8	10.3	9.5	10.4	9.6
10/31 17:40	542	230	532	1,660	1,576	1,474	1,400	1,198	1,655	1,803	2,010	1,887	1,925	1,964	2,007	6.4	5.4	6.3	10.7	10.5	10.4	10.8	8.4	9.7	10.3	11.6	10.6	10.7	10.8	10.8
10/31 17:50	642	291	725	1,613	1,581	1,553	1,538	912	1,675	1,698	1,914	1,917	1,976	1,995	2,000	7.0	5.8	6.8	10.6	10.6	10.6	11.0	7.6	9.6	9.8	10.1	10.5	10.5	11.7	11.9
10/31 18:00	897	431	1,328	1,748	1,713	1,709	1,551	1,143	1,571	1,636	1,920	1,832	1,823	1,983	1,976	8.0	6.8	9.5	11.0	11.3	11.4	10.7	8.3	9.4	9.6	10.6	10.6	10.2	11.3	11.0
10/31 18:10	1,006	418	1,245	1,702	1,783	1,740	1,704	1,225	1,747	1,830	1,900	1,719	1,857	1,930	1,806	8.4	6.5	9.3	10.9	11.4	11.5	11.5	8.5	9.7	10.2	10.4	9.8	10.3	11.0	9.9
10/31 18:20	1,026	460	1,195	1,462	1,767	1,624	1,667	1,217	1,919	1,904	1,971	1,624	1,950	2,009	1,944	8.4	6.7	9.1	10.0	11.2	10.6	11.1	8.5	10.7	10.4	11.0	9.6	10.3	11.4	11.0
10/31 18:30	1,309	686	1,247	1,486	1,742	1,541	1,532	1,597	1,914	1,962	2,000	1,961	2,005	2,000	2,001	9.6	7.9	9.2	10.2	11.0	10.4	10.6	9.5	10.5	10.8	11.7	10.5	10.8	11.4	11.1
10/31 18:40	1,473	828	1,269	1,315	1,471	1,294	1,322	1,302	2,005	2,000	1,998	1,995	1,992	1,996	1,946	10.1	8.2	9.2	9.5	10.1	10.2	9.6	8.4	11.2	10.8	11.8	11.2	10.6	11.6	10.7
10/31 18:50	1,588	861	1,324	1,472	1,618	1,358	1,308	1,507	1,966	1,939	1,974	1,998	1,894	1,889	1,957	10.6	8.4	9.4	10.0	10.5	9.6	9.5	9.1	10.6	10.4	11.0	10.8	10.1	10.8	10.7
10/31 19:00	1,405	668	1,198	1,374	1,558	1,373	1,389	1,325	1,989	1,772	1,922	1,878	1,795	1,960	1,979	9.7	7.8	9.2	9.7	10.3	10.0	9.8	8.8	10.7	9.9	10.2	10.2	9.8	11.0	10.9
10/31 19:10	1,285	575	1,197	1,236	1,447	1,255	1,264	1,351	1,698	1,987	2,013	1,853	2,010	1,951	1,925	9.5	7.2	9.5	9.4	10.1	10.3	9.6	8.7	9.8	10.7	11.0	10.6	11.2	11.3	10.8
10/31 19:20	1,057	470	830	791	1,227	941	1,169	1,135	1,740	1,769	1,995	1,933	1,847	1,908	1,737	8.7	6.7	7.7	7.7	9.5	8.8	9.4	7.9	10.0	10.1	11.3	10.9	10.8	10.8	9.8
10/31 19:30	759	272	556	635	812	701	896	747	1,612	1,609	1,813	1,554	1,278	1,607	1,746	7.7	5.3	6.8	7.3	8.1	7.9	8.6	6.9	9.2	9.5	9.8	9.2	8.6	9.2	9.6
10/31 19:40	1,001	353	642	862	1,122	957	783	766	1,818	1,659	1,943	1,753	1,512	1,585	1,466	8.3	6.0	6.9	8.0	9.1	8.7	7.9	7.2	10.2	9.5	10.3	9.9	9.2	9.7	9.0
10/31 19:50	930	321	857	1,010	1,221	863	998	512	1,424	1,208	1,343	1,103	1,308	1,517	1,552	8.4	5.7	8.2	8.5	9.3	8.4	9.0	6.0	9.1	8.5	8.6	8.3	8.9	9.3	9.3
10/31 20:00	1,197	527	753	773	907	763	897	479	1,110	1,125	1,315	1,102	1,111	1,146	1,154	9.1	6.9	7.5	7.7	8.6	7.9	8.5	6.3	8.3	8.3	8.7	8.0	8.1	8.4	8.2
10/31 20:10	1,188	518	845	818	1,051	901	904	694	1,251	1,481	1,734	1,219	1,422	1,182	1,164	9.0	7.1	7.9	7.9	9.2	8.4	8.5	6.8	8.5	8.9	9.5	8.4	8.8	8.3	8.4
10/31 20:20	1,011	301	714	776	959	886	871	529	1,036	883	1,166	1,006	879	1,193	1,111	8.4	5.5	7.6	8.0	8.9	8.4	8.8	6.4	7.8	7.6	8.2	8.1	7.4	8.5	8.3
10/31 20:30	928	236	644	802	1,133	1,046	1,036	631	1,014	1,100	1,433	1,225	1,105	1,397	1,383	8.2	5.0	7.2	8.0	9.6	8.8	9.1	6.5	7.9	8.1	9.0	8.5	8.3	9.0	8.8
10/31 20:40	774	161	595	752	1,073	1,005	989	644	1,151	1,186	1,236	960	999	1,259	1,296	7.6	4.4	7.1	8.0	8.9	8.9	8.8	6.7	8.3	8.3	8.3	7.5	7.7	8.5	8.7
10/31 20:50	928	136	616	945	1,311	1,161	1,095	609	1,092	1,122	1,348	1,068	1,068	1,297	1,181	8.3	3.8	6.6	8.6	9.8	9.6	9.5	6.5	8.1	8.1	8.7	8.0	8.0	8.6	8.2
10/31 21:00																														

10/31 22:40	1,489	968	1,345	1,402	1,608	1,493	1,416	558	1,044	1,098	1,334	970	1,075	1,160	992	9.9	8.9	9.6	9.7	10.4	9.9	10.0	6.4	8.1	8.1	8.6	7.6	8.0	8.2	7.6
10/31 22:50	1,440	1,016	1,395	1,514	1,685	1,453	1,428	725	1,502	1,450	1,794	1,366	1,069	1,117	991	9.7	8.9	9.9	10.0	10.8	9.9	10.0	7.1	9.1	9.0	9.6	9.0	8.2	8.3	7.8
10/31 23:00	1,368	995	1,321	1,441	1,624	1,289	1,204	466	1,001	1,258	1,582	1,323	1,129	1,140	1,094	9.4	9.0	9.4	9.6	10.4	10.4	9.4	5.9	7.8	8.6	9.1	8.9	8.3	8.2	8.1
10/31 23:10	1,310	999	1,317	1,386	1,492	1,254	1,251	465	1,215	1,214	1,514	1,379	1,287	1,402	1,369	9.7	8.9	9.6	9.5	10.2	9.8	10.0	6.0	8.4	8.4	9.1	8.8	8.6	9.0	8.6
10/31 23:20	1,439	1,082	1,431	1,344	1,554	1,261	1,255	432	1,376	1,263	1,626	1,172	1,194	1,410	1,199	9.8	9.4	10.1	9.4	10.3	9.6	9.5	5.8	8.7	8.5	9.5	8.2	8.4	9.1	8.2
10/31 23:30	1,260	935	1,157	1,303	1,326	1,232	1,093	432	1,321	1,201	1,504	1,175	1,065	1,175	831	9.6	8.7	9.3	9.5	9.8	10.0	9.5	5.5	8.8	8.4	9.1	8.2	8.0	8.4	7.4
10/31 23:40	1,329	1,075	1,423	1,368	1,490	1,235	1,054	331	994	1,034	1,364	1,114	974	1,146	1,045	9.4	9.4	9.8	9.6	10.0	9.6	9.1	5.3	7.8	7.9	8.6	8.2	7.8	8.3	7.8
10/31 23:50	1,334	910	1,269	1,334	1,350	1,205	1,078	329	1,116	1,222	1,544	1,378	1,288	1,474	1,334	9.2	8.6	9.1	9.6	9.7	9.1	8.8	5.1	8.0	8.6	9.1	8.8	8.5	9.2	8.7
11/1 0:00	1,095	774	1,028	1,122	1,282	1,161	1,124	346	1,567	1,706	1,877	1,647	1,558	1,758	1,866	9.5	7.9	8.4	8.8	9.7	9.0	9.0	5.2	9.3	9.6	9.9	9.2	9.2	9.9	9.6
11/1 0:10	982	766	1,079	1,064	1,215	1,150	1,031	313	1,575	1,430	1,879	1,472	1,491	1,840	1,786	9.0	7.7	8.7	8.7	9.3	8.9	8.5	5.4	9.3	8.9	10.0	8.8	9.0	10.0	9.5
11/1 0:20	743	713	933	963	1,033	886	855	426	1,422	1,499	1,927	1,549	1,430	1,557	1,565	8.0	7.8	8.6	9.0	9.3	8.3	8.2	5.8	9.0	9.1	10.1	9.0	9.0	9.3	9.1
11/1 0:30	1,040	876	1,120	1,188	1,224	1,133	1,081	274	1,270	1,410	1,627	1,291	1,347	1,485	1,327	8.6	8.4	9.0	9.0	9.9	9.3	8.8	5.0	8.5	8.8	9.1	8.4	8.7	9.3	8.5
11/1 0:40	998	786	1,080	1,149	1,071	1,079	875	245	1,077	1,059	1,266	1,141	1,027	1,004	694	8.7	8.2	9.2	8.9	9.5	9.2	8.3	5.2	8.1	8.1	8.4	8.2	8.0	8.0	6.8
11/1 0:50	903	771	1,058	1,065	1,144	1,000	823	118	770	909	1,040	812	649	691	487	8.5	8.1	9.1	8.6	10.0	9.1	8.2	4.0	7.3	7.6	7.9	7.1	6.8	6.7	6.3
11/1 1:00	1,059	747	1,152	1,164	1,269	1,160	1,125	282	777	871	1,000	851	511	459	381	9.4	8.1	9.4	9.1	9.9	9.8	9.5	5.4	7.6	7.6	7.8	7.6	6.7	6.0	6.0
11/1 1:10	843	693	925	976	1,175	1,066	970	179	759	805	1,115	788	531	632	403	7.7	7.6	8.2	8.2	9.1	9.1	8.8	4.4	7.2	7.5	8.1	7.1	6.6	6.8	5.9
11/1 1:20	506	426	584	560	694	648	654	139	622	566	816	536	439	560	290	6.3	6.4	7.2	6.8	7.7	7.2	7.5	4.3	6.7	6.5	7.3	6.4	6.1	6.1	5.3
11/1 1:30	446	394	530	615	761	699	608	128	430	454	554	328	314	279	180	6.4	6.2	6.8	7.0	8.0	7.5	7.6	4.2	6.0	6.2	6.4	5.6	5.5	4.9	4.7
11/1 1:40	444	285	623	769	841	692	683	241	447	559	698	496	234	253	176	6.4	5.8	7.0	7.5	8.1	7.4	7.7	5.1	6.3	6.5	6.9	6.4	5.0	5.0	4.7
11/1 1:50	624	482	678	740	950	830	845	277	490	477	787	501	459	609	392	7.1	6.7	7.3	7.5	8.5	8.0	8.2	5.6	6.5	6.3	7.2	6.3	6.4	6.6	5.9
11/1 2:00	671	612	868	968	1,211	1,201	1,181	407	537	685	652	599	652	670	742	7.3	7.4	8.4	8.2	9.7	9.8	9.2	6.0	6.3	7.0	6.7	6.8	7.1	6.6	7.2
11/1 2:10	885	721	1,059	1,066	1,272	1,076	937	328	623	633	626	653	588	697	674	8.0	7.9	8.7	8.9	9.7	9.0	8.8	5.5	6.7	6.8	6.7	6.9	6.7	6.9	6.9
11/1 2:20	691	632	972	857	1,028	834	599	321	595	766	963	808	931	899	969	7.1	7.6	8.4	8.1	8.7	8.1	7.3	5.5	6.6	7.3	7.7	7.6	7.9	7.8	7.7
11/1 2:30	767	465	667	590	582	521	551	543	629	763	1,033	918	941	870	999	7.6	6.8	7.4	7.3	7.1	7.0	7.4	6.5	6.9	7.2	7.9	7.6	8.0	7.6	7.6
11/1 2:40	579	433	500	503	515	572	510	223	630	658	790	903	737	718	862	7.0	6.8	6.6	6.5	6.9	7.1	6.9	4.8	6.8	7.0	7.3	7.6	7.3	7.1	7.2
11/1 2:50	496	361	414	493	565	489	479	229	690	781	886	909	823	859	769	6.8	6.3	6.1	6.4	7.1	6.7	6.8	4.9	7.1	7.3	7.4	7.7	7.6	7.3	7.3
11/1 3:00	487	262	337	445	586	535	460	329	614	724	868	906	872	852	884	6.3	5.7	5.7	6.3	7.3	6.8	6.3	5.6	6.8	7.2	7.3	7.5	7.8	7.5	7.5
11/1 3:10	446	436	482	533	448	409	427	642	513	638	846	740	621	816	877	5.9	6.8	6.4	6.8	6.7	6.5	6.6	7.0	6.4	6.8	7.3	7.3	6.7	7.2	7.5
11/1 3:20	444	289	425	470	541	513	439	375	510	546	615	648	572	474	754	6.3	6.0	6.2	6.6	7.2	7.1	6.7	5.8	6.5	6.4	6.6	6.5	6.6	5.9	7.0
11/1 3:30	373	388	497	383	726	479	608	310	296	248	360	392	345	510	566	5.8	6.7	6.4	5.9	7.9	6.5	7.2	5.6	5.5	5.1	5.8	5.9	5.8	6.3	6.7
11/1 3:40	539	468	574	463	640	585	842	171	169	163	295	303	259	280	311	6.6	6.7	6.9	6.7	7.3	6.7	7.9	4.4	4.6	4.6	5.3	5.6	5.0	4.9	5.5
11/1 3:50	311	297	300	350	593	569	563	31	117	166	165	175	257	212	285	5.7	5.8	5.7	6.1	7.4	7.0	7.2	3.2	4.4	4.4	4.4	4.8	5.4	4.8	5.4
11/1 4:00	219	178	248	295	395	522	583	86	157	204	199	195	116	197	236	5.1	5.0	5.2	5.6	6.7	6.9	7.3	4.0	4.5	5.0	4.7	4.9	4.2	4.6	5.0
11/1 4:10	265	181	259	282	335	371	506	119	32	121	186	119	165	247	185	5.7	5.1	5.3	5.8	6.3	6.1	7.2	4.3	3.3	4.2	4.7	4.3	4.7	5.1	4.7
11/1 4:20	342	289	385	402	399	474	639	83	23	58	219	156	214	272	239	5.8	6.1	6.2	6.2	6.5	6.5	7.7	4.1	3.2	3.8	4.9	4.5	4.9	5.3	5.2
11/1 4:30	260	257	385	383	474	426	502	198	179	197	222	149	216	242	347	5.1	5.6	6.0	6.4	7.1	6.5	7.2	5.0	4.8	5.1	5.0	4.6	5.0	4.9	5.9
11/1 4:40	206	182	183	180	300	301	501	296	222	203	322	262	215	185	224	4.9	4.9	4.7	4.6	5.8	5.8	7.3	5.8	5.2	5.0	5.8	5.5	5.2	4.7	5.1
11/1 4:50	352	276	239	206	228	214	308	420	359	423	576	466	346	320	330	5.8	6.0	5.3	5.0	5.3	5.2	5.9	6.3	5.9	6.4	6.8	6.4	6.0	5.5	5.6
11/1 5:00	622	502	527	390	408	408	397	435	475	529	718	546	476	478	540	7.3	6.9	7.2	6.4	6.8	6.7	6.7	6.0	6.5	6.6	7.1	6.8	6.4	6.4	6.8
11/1 5:10	761	702	733	690	787	676	608	296	559	542	691	659	604	598	625	8.3	7.8	8.2	7.8	8.6	8.1	8.1	5.4	6.7	6.6	7.0	6.9	6.9	6.7	6.6
11/1 5:20	554	475	576	553	688	630	642	244	487	427	528	408	519	478	417	7.2	6.7	7.2	6.7	7.8	7.8	7.8	5.3	6.5	6.1	6.4	6.0	6.6	6.4	6.1
11/1 5:30	296	188	213	210	336	387	402	327	288	309	303	279	229	247	326	5.4	5.0	5.1	5.1	6.2	6.7	6.9	5.9	5.6	5.6	5.6	5.5	5.2	4.9	5.8
11/1 5:40	284	199	226	266	404	433	497	241	291	236	286	257	243	269	254	5.7	5.1	5.2	5.4	6.6	6.9	7.2	5.0	5.6	5.3	5.5	5.3	5.3	5.3	5.2
11/1 5:50	281	219	272	271	392	401	456	132	163	150	208	175	164	214	219	5.7	5.3	5.7	5.6	6.6	6.7	6.8	4.3	4.8	4.7	5.1	4.8	4.9	5.1	5.0
11/1 6:00	315	245	306	315	429	410	449	181	204	209	263	202	199	218	234	5.8	5.2	5.9	5.8	6.9	6.9	7.0	4.8	5.1	5.2	5.4	5.0	5.1	4.9	5.1
11/1 6:10	234	184	267	251	332	310	341	103	167	153	202	139	131	159	165	5.2	4.8	5.5	5.3	6.2	6.3	6.4	4.1	4.8	4.7	5.0	4.5	4.5	4.4	4.7
11/1 6:20	236	203	261	231	304	279	283	197	151	112	159																			

11/1 7:30	197	184	218	176	248	247	271	93	59	69	94	46	34	84	90	5.2	4.8	5.0	5.1	5.6	5.8	5.9	4.3	3.7	3.9	4.2	3.5	3.5	3.7	4.2
11/1 7:40	120	90	125	100	163	187	203	-7	-11	-10	0	-13	-12	1	0	4.4	3.9	4.2	4.2	5.0	5.2	5.3	2.8	2.5	2.6	2.9	2.3	2.5	2.7	2.9
11/1 7:50	88	58	77	61	120	145	169	-12	-10	-13	-7	-12	-10	-12	-13	4.1	3.8	4.0	3.8	4.5	5.0	5.1	2.4	2.1	2.5	2.9	2.3	2.3	2.5	2.7
11/1 8:00	74	27	41	48	98	127	134	-11	-9	-10	-12	-15	-15	4	17	3.7	3.1	3.3	3.5	4.1	4.4	4.5	2.4	2.4	2.6	2.9	2.6	2.6	2.7	3.4
11/1 8:10	34	3	26	19	80	104	120	-12	-10	-9	2	-15	-10	-7	15	3.2	2.9	3.2	3.1	4.1	4.4	4.7	2.6	2.5	2.8	3.1	2.6	2.6	2.6	3.4
11/1 8:20	129	89	130	111	199	241	285	-15	-9	-11	-4	-11	-9	-15	4	4.2	4.1	4.5	4.3	5.4	5.7	6.2	2.6	2.7	2.6	3.0	2.4	2.4	2.6	3.2
11/1 8:30	89	60	97	85	161	221	248	-13	-8	-10	-14	-9	-9	-16	-6	3.8	3.8	4.0	3.8	5.1	5.5	5.8	2.0	2.4	2.6	2.9	2.5	2.5	2.6	3.0
11/1 8:40	59	31	70	71	85	126	128	-11	-8	-8	-15	-9	-9	-18	17	3.6	3.3	3.7	3.6	4.3	4.7	4.7	2.2	2.2	2.2	2.6	2.6	2.6	2.5	3.4
11/1 8:50	-4	-11	-7	-9	-1	-3	-8	-13	-8	-8	-9	-7	-9	-10	-6	2.4	2.0	2.2	2.2	2.7	2.5	2.5	2.0	2.0	1.8	1.9	2.0	2.1	2.1	2.5
11/1 9:00	-8	-8	-9	-10	-10	-9	-11	-15	-8	-9	-8	-8	-10	-9	-10	1.9	1.6	1.7	1.9	2.3	2.4	2.7	1.5	1.3	1.2	1.3	1.4	1.5	1.2	1.6
11/1 9:10	-8	-8	-8	-8	-8	-8	-9	-11	-9	-8	-7	-8	-8	-7	-8	1.7	1.6	1.7	1.7	2.1	2.2	2.5	1.4	1.3	1.6	1.7	1.5	1.9	1.4	1.4
11/1 9:20	-8	-8	-8	-8	-8	-9	-8	-11	-9	-8	-8	-8	-9	-9	-8	1.7	1.4	1.5	1.6	2.2	2.3	2.7	1.7	1.6	1.9	1.6	1.3	1.9	1.4	1.4
11/1 9:30	-8	-8	-8	-8	-7	-7	-7	-11	-8	-8	-8	-9	-9	-9	-9	1.3	1.4	1.3	1.3	1.5	1.5	1.6	1.6	1.4	1.2	1.3	1.3	1.4	1.0	1.2
11/1 9:40	-9	-8	-8	-9	-7	-7	-6	-11	-8	-8	-9	-9	-8	-8	-10	1.4	1.4	1.3	1.4	1.6	1.4	1.6	2.2	1.9	1.9	1.8	1.6	1.4	1.3	1.4
11/1 9:50	-10	-8	-9	-8	-7	-7	-6	-11	-8	-8	-7	-8	-8	-7	-10	1.4	1.4	1.4	1.3	1.4	1.4	1.6	2.4	2.2	2.1	2.0	1.6	1.6	1.5	1.3
11/1 10:00	-10	-8	-10	-9	-5	0	5	-12	-8	-11	-10	-9	-8	-8	-9	2.5	2.7	2.3	2.5	2.4	2.5	2.8	2.9	2.5	2.9	2.8	2.4	2.2	2.1	2.5
11/1 10:10	-9	-8	-9	-9	-10	-7	6	-10	-8	-11	-10	-9	-8	-8	-9	2.4	2.6	2.3	2.1	2.2	2.4	2.8	2.1	1.8	1.2	1.4	1.6	1.8	1.5	1.9
11/1 10:20	-11	-9	-5	-11	-2	-6	6	-10	-8	-8	-9	-10	-8	-9	-9	2.5	2.9	2.4	2.3	2.6	2.4	2.6	1.9	1.7	1.5	1.3	1.7	1.9	1.9	2.4
11/1 10:30	-11	-10	-13	-11	-11	-11	-14	-10	-8	-9	-8	-9	-9	-8	-6	1.9	2.3	1.9	2.4	2.2	2.1	2.3	1.8	1.8	1.5	1.2	1.5	1.3	1.3	1.6
11/1 10:40	-9	-8	-9	-9	-9	-9	-10	-12	-9	-8	-7	-8	-9	-8	-7	1.7	1.6	1.5	1.7	1.7	1.7	1.8	0.8	0.6	0.8	1.3	0.4	0.4	0.5	0.6
11/1 10:50	-10	-8	-9	-8	-9	-7	-8	-12	-10	-8	-7	-9	-8	-8	-7	1.3	1.7	1.5	1.4	1.3	1.1	1.0	0.7	0.6	0.6	1.4	0.6	0.6	0.5	0.7
11/1 11:00	-9	-9	-9	-9	-10	-9	-9	-13	-10	-9	-6	-8	-8	-9	-6	0.6	0.4	0.6	0.6	0.4	0.5	0.4	0.6	0.5	0.7	1.6	0.5	0.5	0.5	1.5
11/1 11:10	-4	2	11	-8	-3	-2	3	-11	-6	-3	-6	-5	-8	-8	-6	2.6	3.0	2.7	2.3	2.2	2.2	2.3	2.7	2.7	3.1	1.7	3.4	3.3	2.6	2.8
11/1 11:20	-1	-10	3	-11	-5	-6	1	-12	-6	-10	-6	-2	-3	2	10	2.2	2.9	2.2	2.7	2.7	2.5	2.6	2.1	2.0	2.0	1.9	2.5	2.2	2.2	2.7
11/1 11:30	-9	-13	-13	-9	-9	-9	-11	-12	-6	-8	-6	-7	-10	-7	-8	2.0	2.5	1.8	2.3	2.6	2.5	2.0	2.2	2.0	1.6	2.0	1.6	1.6	1.6	1.9
11/1 11:40	-5	-9	-11	-8	-8	-8	-9	-9	-6	-7	-5	-6	-8	-5	-5	1.1	2.1	1.8	1.7	1.7	1.4	1.5	2.3	1.9	1.7	2.2	1.8	1.6	1.6	2.0
11/1 11:50	-5	-8	-8	-8	-9	-8	-7	-8	-5	-5	-5	-5	-9	-5	-6	1.5	1.7	1.8	1.8	2.0	2.1	2.1	1.0	1.0	1.2	2.3	1.4	1.2	1.3	1.7
11/1 12:00	-5	-7	-10	-6	-9	-9	-9	-8	-5	-5	-5	-6	-10	-4	-8	2.6	2.5	2.5	2.6	2.5	2.6	2.7	2.4	2.3	2.4	2.5	2.7	2.9	2.5	3.3
11/1 12:10	-6	-5	-9	-6	-9	-10	-10	-7	-5	-6	-5	-6	-13	-4	-6	2.4	2.2	2.1	2.2	2.5	2.7	2.6	1.5	1.5	1.5	2.6	2.0	2.2	2.2	2.5
11/1 12:20	-6	-5	-8	-6	-8	25	26	-7	-5	-5	-6	-6	-14	-5	-5	2.6	2.5	2.4	2.5	3.2	3.3	3.3	1.6	1.8	1.6	2.0	2.1	2.2	1.9	2.5
11/1 12:30	-7	-6	-10	43	28	36	47	-8	-5	-5	-7	-7	-6	-5	-6	2.7	2.7	2.8	3.3	3.2	3.1	3.3	2.3	2.5	2.3	2.7	2.8	2.7	2.6	3.2
11/1 12:40	-9	-6	-11	0	0	3	5	-9	-5	-5	-5	-5	-6	-5	-5	2.9	2.3	2.0	2.0	2.4	2.5	2.6	1.4	1.4	1.7	2.3	2.2	2.4	2.2	2.6
11/1 12:50	-10	-5	-12	-6	-10	-11	-10	-9	-5	-6	-5	-7	-6	-5	-7	2.7	1.9	1.9	1.2	1.7	1.8	1.7	1.3	1.2	1.1	1.2	0.8	1.6	1.4	1.7
11/1 13:00	-6	-5	-13	-7	-6	-9	-9	-10	-5	-6	-6	-6	-6	-6	-7	2.4	2.3	2.1	1.8	2.1	2.1	2.2	1.7	1.9	1.4	1.1	1.2	1.4	1.3	2.0
11/1 13:10	16	-5	20	24	24	-7	3	-10	-6	-6	-6	-6	-5	-6	-6	3.4	3.0	3.0	3.0	3.2	2.4	2.7	1.5	1.8	1.8	1.4	2.1	2.3	2.2	2.9
11/1 13:20	92	-6	101	75	70	52	61	-11	-6	-6	-6	-6	-7	-6	9	3.9	3.6	4.0	3.8	3.8	3.6	3.8	1.4	1.1	1.1	1.1	1.7	1.7	2.3	3.0
11/1 13:30	92	-10	155	135	136	118	90	-12	-8	-11	78	92	127	83	183	3.9	4.7	4.6	4.1	4.3	4.4	4.1	4.0	3.6	4.1	4.1	4.3	4.9	4.7	4.9
11/1 13:40	88	25	116	142	74	62	43	121	149	138	196	182	158	173	177	3.9	4.6	4.2	4.4	3.9	3.6	3.4	4.4	5.0	4.6	4.9	5.1	5.0	4.7	5.0
11/1 13:50	195	185	173	161	72	57	63	174	225	234	196	204	180	220	213	5.3	5.1	4.8	4.6	3.5	3.6	3.7	4.8	5.2	5.2	4.7	5.2	5.0	5.0	5.0
11/1 14:00	127	122	107	117	68	63	61	235	274	200	215	200	116	145	142	4.5	4.5	4.2	4.2	3.8	3.7	3.6	5.1	5.6	4.9	5.0	5.0	4.4	4.5	4.6
11/1 14:10	112	111	107	132	96	66	61	173	230	227	182	167	104	129	136	4.2	4.4	4.1	4.4	4.0	3.6	3.5	4.7	5.3	5.2	4.7	4.6	4.2	4.1	4.5
11/1 14:20	120	149	173	163	101	47	57	179	218	134	142	113	82	158	152	4.3	4.7	4.7	4.6	4.0	3.6	3.6	4.9	5.2	4.5	4.5	4.3	4.0	4.4	4.7
11/1 14:30	67	90	123	99	64	37	26	174	178	168	126	3	120	121	117	3.6	4.0	4.4	4.4	3.8	3.2	3.0	4.7	4.7	4.6	5.3	4.2	4.4	3.7	4.2
11/1 14:40	78	83	123	139	84	35	21	124	182	114	57	38	42	47	41	3.9	4.0	4.3	4.3	3.9	3.5	3.2	4.3	4.9	4.5	4.1	4.2	3.9	3.4	3.4
11/1 14:50	112	131	142	143	116	25	4	106	129	101	137	111	94	85	56	4.2	4.4	4.4	4.3	4.1	3.6	2.7	4.4	4.6	4.3	4.6	4.4	4.4	3.6	3.5
11/1 15:00	23	43	38	40	51	37	-12	57	57	28	101	76	40	50	31	2.9	3.6	3.2	3.2	3.3	3.1	3.2	3.6	3.5	3.8	4.1	3.8	3.6	3.1	3.2
11/1 15:10	-9	-5	-10	-10	-4	-11	-12	69	62	-16	54	34	39	23	-7	2.3	2.7	2.3	2.7	2.3	1.9	2.6	4.0	3.8	4.2	3.8	3.3	3.8	3.0	2.7
11/1 15:20	-9	-11	-12	-8	-11	-8	-10	56	86	-2	45	11	16	11	-9	2.5	2.8	2.0	2.5	2.1	2.1	2.9	3.8	4.1	4.1	3.6	3.0	3.4	2.6	3.0
11/1 15:30	-3	-10	-13	-11	-11	-7	-9	7	7	16	1	0	-6	-7	-9	2.3	2.2	2.0	2.0	1.9	2.1	1.5	3.0	3.1	3.1	2.7	2.1	2.3	2.1	2.5
11/1 15:40	-9	-7	-10	-9	-10	-9	-8	-8	-11	-11	-10	-9	-10	-8	-7	1.3	1.5	1.2	0.9	1.0	1.0	1.0	2.2	2.0	1.4	1.3	1.2	1.2	1.2	1.4
11/1 15:50	-9	-6	-9	-5	-7	-8	-8	-11	-9	-7	-7	-6	-6	-5	-6	0.6	0.5	0.9	0.7	0.7	1.3	1.4	1.7	1.2	1.2	0.9	1.1	1.1	0.7	1.1
11/1 16:00	-7	-7	-9	-6	-8	-9	-8	-10	-3	-7	-5	-5	-5	-4	-6	1.2	0.7	0.9	0.6	0.7	0.9	1.0	2.8	3.2	3.0	2.9	2.9			

11/1 16:20	-5	-17	-8	-5	-8	-7	-9	-11	-7	-6	-7	-6	-6	-6	1.9	2.4	1.9	1.9	1.5	1.4	1.8	1.6	1.7	1.5	1.9	2.4	2.4	1.7	2.1	
11/1 16:30	3	-15	-6	-6	-9	-7	-9	-9	-6	-1	-5	-6	-6	-5	-7	2.4	2.6	2.4	2.5	2.0	2.1	2.1	2.5	2.7	3.2	3.1	2.8	2.9	2.4	2.5
11/1 16:40	37	40	60	51	-6	-10	-9	-5	3	79	86	49	65	42	45	3.1	3.6	3.6	3.5	3.0	3.0	2.9	2.5	3.0	4.1	3.8	3.5	4.0	3.4	3.6
11/1 16:50	11	8	23	15	-14	-13	-7	-12	-6	6	63	79	95	115	127	2.8	3.4	3.4	2.7	2.0	1.9	2.2	1.5	2.2	2.2	3.6	3.8	4.2	4.2	4.6
11/1 17:00	14	14	20	14	-12	-11	-5	-9	-7	15	46	55	75	59	85	2.7	3.1	2.9	2.7	2.2	1.7	1.6	2.5	2.9	3.1	3.6	3.6	4.2	3.3	3.7
11/1 17:10	-10	-4	7	9	-7	-8	-5	22	110	73	59	52	39	20	-3	2.0	2.6	2.6	2.5	1.7	1.3	1.4	3.4	4.3	3.9	3.7	3.7	3.1	2.6	2.9
11/1 17:20	-7	12	-7	-10	-5	-8	-5	10	38	36	8	14	5	-8	-8	2.5	3.2	2.7	2.5	2.6	2.2	1.9	3.0	3.4	3.7	3.2	3.0	2.4	2.2	2.7
11/1 17:30	-6	-7	-10	-7	-3	-9	-6	35	107	106	89	66	32	-7	-6	2.0	2.7	2.3	2.1	3.2	2.7	2.6	3.6	4.5	4.3	4.3	3.9	3.2	2.3	2.1
11/1 17:40	-6	-12	-9	-7	6	-4	-6	93	166	115	53	65	35	-5	-7	2.7	2.7	2.6	2.5	3.0	2.6	2.0	4.3	4.9	4.5	3.6	3.9	3.0	2.4	2.7
11/1 17:50	60	-10	35	10	141	12	-6	108	144	94	52	30	23	37	6	3.8	3.5	3.5	4.5	4.4	3.8	2.9	4.4	4.7	4.2	3.7	3.3	3.1	3.1	3.3
11/1 18:00	61	4	72	-11	100	76	58	183	206	152	69	39	35	-7	13	3.3	3.3	3.5	4.3	4.1	3.6	3.9	4.8	5.2	4.7	3.9	3.4	3.3	2.9	3.1
11/1 18:10	118	92	97	0	146	147	113	216	248	159	116	68	32	25	22	4.1	4.1	3.8	5.3	4.7	4.6	4.5	5.1	5.5	4.6	4.4	3.8	3.5	2.7	3.2
11/1 18:20	105	109	113	136	116	140	92	339	357	237	207	133	87	67	103	3.9	4.3	4.2	4.4	4.3	4.7	4.0	5.8	5.9	5.2	5.1	4.5	4.2	3.3	4.1
11/1 18:30	130	125	130	195	182	159	97	263	308	203	202	168	134	103	96	4.0	4.6	4.3	4.9	5.2	4.9	4.2	5.3	5.6	4.9	5.0	4.8	4.8	3.8	4.3
11/1 18:40	131	116	113	122	108	138	94	307	468	290	236	160	176	118	91	4.2	4.4	4.4	4.1	4.3	4.8	3.9	5.6	6.6	5.6	5.3	4.7	5.0	3.9	3.8
11/1 18:50	182	125	118	107	124	131	93	264	335	260	183	139	110	102	135	4.6	4.4	4.2	4.0	4.1	4.3	4.0	5.4	5.9	5.4	4.9	4.5	4.5	3.8	4.4
11/1 19:00	198	163	178	214	309	259	136	379	433	374	313	279	231	187	186	4.9	4.9	4.6	5.2	6.2	5.5	4.4	6.0	6.4	6.1	5.6	5.6	5.4	4.5	4.7
11/1 19:10	161	121	117	238	357	380	241	374	507	344	310	255	228	185	205	4.6	4.5	4.5	5.3	6.6	6.8	5.4	6.0	6.7	5.9	5.6	5.4	5.4	4.5	4.7
11/1 19:20	205	156	114	331	481	486	285	292	415	308	265	218	179	171	272	4.9	5.0	4.3	5.8	7.0	7.1	5.7	5.6	6.2	5.5	5.3	5.1	4.9	4.4	5.3
11/1 19:30	276	180	167	438	709	724	416	280	356	257	214	157	118	143	330	5.4	5.1	4.3	6.3	7.4	7.7	6.6	5.5	5.9	5.4	5.0	4.6	4.4	4.1	5.6
11/1 19:40	251	183	190	378	539	513	243	232	311	232	197	158	114	157	344	5.1	5.1	4.6	6.0	7.3	7.2	5.4	5.2	5.8	5.2	4.9	4.7	4.3	3.9	5.6
11/1 19:50	234	162	168	389	548	361	160	261	317	248	198	152	113	157	332	5.0	4.9	4.6	6.2	7.2	6.3	4.7	5.5	5.8	5.3	4.9	4.5	4.4	4.4	5.4
11/1 20:00	284	164	162	455	509	336	236	254	337	246	198	137	114	157	380	5.5	4.7	4.1	6.4	7.2	6.1	5.2	5.5	5.9	5.4	4.8	4.6	4.4	4.4	5.7
11/1 20:10	295	211	216	482	501	291	260	309	403	291	254	154	105	230	625	5.7	5.3	5.2	7.0	7.0	5.2	5.5	5.7	6.2	5.5	5.1	4.6	4.2	5.0	6.5
11/1 20:20	440	332	375	1,132	1,150	674	571	440	606	490	461	310	166	345	670	6.5	6.3	6.2	9.2	9.4	7.0	7.2	6.4	7.2	6.4	6.2	5.6	5.0	5.7	7.0
11/1 20:30	576	415	501	1,183	961	406	434	468	644	534	536	291	152	452	877	6.9	6.5	6.9	9.3	8.8	5.7	6.8	6.3	7.2	6.6	6.4	5.7	4.4	6.0	7.8
11/1 20:40	687	448	566	581	573	340	472	539	569	542	687	414	241	660	935	7.8	6.4	7.1	6.5	6.8	5.6	7.1	6.5	6.7	6.5	7.1	6.1	5.2	7.0	7.8
11/1 20:50	755	460	651	567	605	470	506	623	710	645	971	650	423	871	992	8.1	6.7	7.3	6.8	7.3	7.0	7.5	6.8	7.2	6.9	8.1	7.1	6.4	7.7	8.0
11/1 21:00	890	638	850	726	679	517	574	661	721	711	1,134	811	535	896	947	8.9	7.5	8.2	7.9	8.1	7.6	7.5	6.8	7.1	7.0	8.8	7.8	7.0	7.6	7.7
11/1 21:10	710	466	602	522	611	474	671	450	643	545	827	569	403	768	846	7.8	6.7	7.3	6.1	7.2	6.9	7.4	6.2	7.0	6.5	7.7	6.9	6.3	7.3	7.5
11/1 21:20	828	474	755	447	639	420	787	617	880	865	1,221	746	467	1,016	1,149	8.2	6.8	7.9	5.6	7.1	6.8	8.7	6.8	7.6	7.7	8.6	7.5	6.9	8.3	8.3
11/1 21:30	1,077	659	938	697	694	448	889	699	1,009	907	1,360	822	573	1,066	1,429	9.1	7.7	8.5	7.1	7.4	6.5	8.8	7.0	8.2	7.8	9.0	7.6	7.0	8.2	9.1
11/1 21:40	1,165	823	1,154	791	628	389	935	800	958	908	1,044	633	361	1,104	1,488	9.8	8.5	9.2	7.5	7.0	5.8	9.2	7.3	7.8	7.8	7.9	6.8	6.0	8.4	8.9
11/1 21:50	1,274	996	1,252	1,283	784	364	953	739	925	569	877	488	281	932	1,434	9.9	9.0	9.3	9.5	7.6	5.4	9.1	7.2	7.7	6.5	7.5	6.5	5.5	8.0	8.8
11/1 22:00	1,002	660	702	1,264	1,242	691	1,062	572	482	380	516	241	76	291	326	8.5	7.6	7.3	9.4	9.5	6.7	8.7	6.6	6.2	5.8	6.4	5.0	3.6	5.1	5.6
11/1 22:10	1,015	760	684	1,551	1,472	825	995	395	298	247	360	166	60	314	624	9.0	8.0	7.3	10.4	10.4	7.9	9.2	5.9	5.5	5.1	5.6	4.5	3.8	5.4	6.7
11/1 22:20	980	758	732	1,589	1,628	1,072	1,071	383	378	257	268	135	86	354	629	8.8	7.9	7.6	10.7	11.1	8.9	9.1	5.9	6.0	5.4	5.2	4.4	4.2	5.7	6.9
11/1 22:30	741	500	627	1,305	1,262	658	997	488	465	316	331	145	58	232	549	7.6	6.8	7.4	9.7	9.7	6.9	9.0	6.4	6.2	5.6	5.5	4.3	3.7	4.4	6.5
11/1 22:40	290	145	233	768	1,157	920	998	442	341	210	279	106	158	207	576	5.3	4.4	4.6	7.6	8.9	7.9	8.8	6.2	5.7	4.9	5.2	3.9	4.3	4.2	6.7
11/1 22:50	206	139	138	640	574	399	540	487	416	270	395	163	271	251	666	4.7	4.6	4.3	7.3	7.2	6.1	7.1	6.4	6.1	5.3	5.6	4.2	5.1	4.3	6.7
11/1 23:00	445	187	178	554	654	394	501	340	167	98	258	171	331	191	628	6.2	4.9	4.8	6.7	7.7	6.1	6.9	5.8	4.6	4.0	4.6	4.1	5.2	3.5	6.5
11/1 23:10	489	237	264	754	1,172	958	695	258	189	76	153	6	9	95	311	6.6	5.4	5.3	7.7	9.1	8.5	7.9	5.4	4.9	4.0	4.1	2.8	3.0	3.5	5.5
11/1 23:20	613	284	405	782	946	875	549	317	366	180	372	189	174	181	287	7.3	5.9	6.2	7.8	8.5	8.2	7.2	5.6	5.6	4.7	5.8	4.7	4.6	4.0	5.4
11/1 23:30	485	203	608	761	960	967	830	341	353	137	640	441	384	337	500	6.3	5.2	7.4	7.7	8.8	9.3	8.2	5.5	5.7	4.1	7.0	6.6	6.2	5.4	6.5
11/1 23:40	569	294	663	910	1,096	1,122	882	468	381	160	794	534	764	470	916	7.2	5.8	7.6	8.4	9.3	9.4	8.6	6.0	5.8	4.4	7.5	6.6	7.5	5.8	7.9
11/1 23:50	892	374	889	1,081	1,248	1,269	1,095	234	76	20	689	600	651	580	1,098	8.1	6.4	8.4	8.8	9.5	9.8	9.4	4.9	3.6	2.8	6.9	6.8	6.9	6.4	8.2
11/2 0:00	1,090	567	1,006	1,394	1,507	1,359	1,310	108	23	5	559	591	732	942	1,092	8.8	7.3	9.0	10.0	10.6	10.0	9.9	4.0	3.2	2.9	6.6	7.0	7.4	8.0	8.4
11/2 0:10	1,035	573	667	1,376	1,567	1,461	1,414	30	-10	-13	631	639	580	872	929	8.9	7.4	7.4	9.7	10.6	10.8	10.6	2.8	2.6	3.3	6.7	6.7	6.5	7.4	7.8
11/2 0:20	885																													

11/2 1:10	1,153	447	1,296	1,827	1,884	1,680	1,631	736	1,790	2,013	2,001	1,998	1,977	1,999	2,001	9.0	6.2	9.2	11.1	11.4	10.8	10.6	7.0	10.1	10.7	11.6	10.9	10.2	11.4	10.7
11/2 1:20	809	218	823	1,564	1,737	1,585	1,501	276	648	777	1,320	1,216	1,457	1,868	1,869	7.6	5.2	7.5	10.2	10.8	10.8	10.2	5.3	6.7	7.0	8.5	8.0	8.8	10.5	10.0
11/2 1:30	1,135	323	980	1,479	1,583	1,563	1,580	461	1,191	1,411	1,803	1,186	1,073	1,701	1,680	8.9	5.5	7.9	10.0	10.4	10.6	10.5	6.3	8.8	9.0	9.7	8.3	8.1	9.7	9.0
11/2 1:40	598	171	310	1,206	1,406	1,303	1,310	766	1,625	1,847	2,000	1,796	1,513	1,807	1,526	6.8	4.6	5.1	9.4	10.0	10.3	10.3	7.1	9.9	10.1	10.9	9.6	9.0	10.0	8.8
11/2 1:50	657	146	443	1,207	1,489	1,233	1,140	391	849	1,033	1,481	1,043	1,033	1,497	1,284	7.3	4.3	5.9	9.1	9.9	9.6	9.2	5.9	7.6	8.0	8.8	7.7	7.7	9.1	8.1
11/2 2:00	680	127	548	1,185	1,411	1,299	1,244	272	729	776	1,067	738	698	976	901	6.8	4.2	6.2	9.0	9.8	9.8	9.4	5.3	7.2	7.3	7.9	7.0	7.0	7.8	7.2
11/2 2:10	520	243	179	1,085	1,266	1,196	1,177	293	557	641	942	654	624	936	938	6.8	5.6	4.1	9.1	9.8	10.2	9.9	5.6	6.7	7.4	7.8	7.1	6.8	7.9	7.4
11/2 2:20	738	485	365	897	989	962	894	331	840	1,001	1,400	872	807	1,045	968	8.1	7.0	6.3	8.2	9.3	8.2	9.2	5.7	7.4	7.8	8.5	7.5	7.6	8.2	7.4
11/2 2:30	875	502	669	1,038	1,091	1,137	1,159	228	145	91	884	825	862	1,008	1,102	8.2	6.9	7.4	8.9	9.6	9.3	9.7	5.2	4.1	3.4	7.7	7.4	7.6	8.0	7.7
11/2 2:40	834	521	848	1,117	1,311	1,356	1,271	286	194	207	1,482	1,146	1,107	1,448	1,411	8.3	6.7	8.6	9.5	10.5	10.2	10.2	5.5	4.5	4.4	9.1	8.2	8.3	9.0	8.6
11/2 2:50	967	450	1,005	1,193	1,274	1,305	1,170	405	214	219	1,737	1,381	1,344	1,718	1,762	8.7	6.4	9.3	9.3	10.6	10.4	10.3	5.8	4.1	4.2	9.6	8.8	9.1	9.8	9.3
11/2 3:00	1,237	784	1,032	1,510	1,677	1,702	1,551	354	455	610	1,971	1,581	1,454	1,809	1,765	9.2	8.4	9.3	10.0	10.8	10.4	10.2	5.8	5.9	6.5	10.0	9.1	8.8	9.9	9.2
11/2 3:10	1,703	953	725	1,750	1,895	1,794	1,790	650	395	986	2,019	1,863	1,710	1,990	2,010	10.9	8.9	6.8	10.8	10.9	10.6	10.4	7.0	5.4	7.7	10.7	9.9	9.6	10.7	10.4
11/2 3:20	1,743	908	1,030	1,823	1,978	1,967	1,927	976	779	1,714	1,999	2,003	2,013	1,999	1,999	11.0	8.8	9.3	11.0	11.2	11.2	11.3	7.8	6.4	9.8	11.7	10.6	10.3	11.3	10.7
11/2 3:30	1,582	882	1,054	2,007	2,018	2,016	2,021	1,294	1,639	2,013	1,999	1,999	1,999	1,999	1,998	10.4	9.4	7.6	12.3	12.7	12.7	13.0	8.4	9.7	11.3	12.7	11.2	10.7	11.7	11.1
11/2 3:40	1,183	478	1,297	1,997	1,999	1,999	1,999	1,470	2,017	2,000	1,999	1,999	2,000	2,000	1,999	8.6	6.8	8.9	12.4	12.8	12.9	12.7	9.1	11.6	11.8	12.6	11.8	11.2	12.3	11.7
11/2 3:50	1,253	368	1,613	2,000	1,999	2,001	1,999	1,799	1,999	2,000	1,999	2,000	1,999	2,001	1,999	8.9	6.0	10.3	12.8	13.0	13.2	12.8	9.8	11.7	12.2	13.4	12.2	11.8	12.6	12.1
11/2 4:00	1,510	765	1,821	1,997	1,999	1,999	1,996	1,572	1,999	1,998	2,000	1,999	1,999	2,000	2,000	9.8	7.8	11.4	12.7	13.0	12.6	12.7	9.4	11.0	11.2	13.0	11.8	11.6	12.4	11.8
11/2 4:10	1,579	1,070	1,956	2,004	2,001	1,999	2,004	1,507	2,000	1,999	1,999	1,999	2,000	2,008	2,000	10.7	9.0	12.6	13.3	14.1	13.3	13.3	9.0	11.6	11.8	13.5	12.4	11.8	13.0	12.4
11/2 4:20	1,825	1,356	2,012	1,999	1,999	2,000	2,000	1,514	2,000	2,001	1,999	1,999	1,999	2,000	2,000	11.2	10.7	13.3	14.2	15.1	14.5	15.2	9.0	12.1	12.1	14.1	12.7	12.2	13.1	12.9
11/2 4:30	2,020	1,761	2,000	2,000	2,000	1,999	2,000	1,687	1,999	2,000	2,000	2,000	2,000	2,000	2,000	14.8	13.2	14.4	15.1	15.9	15.7	16.1	9.6	12.5	12.6	14.8	13.3	13.0	14.2	14.0
11/2 4:40	2,000	1,995	1,999	1,999	2,000	1,999	2,000	2,012	2,000	1,999	2,000	2,000	2,000	1,999	2,000	16.1	14.0	15.1	15.8	16.2	15.9	16.0	12.4	13.2	13.5	15.2	14.3	14.4	15.4	15.2
11/2 4:50	2,000	1,907	2,000	2,000	2,000	2,000	2,000	1,944	1,999	2,000	2,000	2,000	2,000	2,003	2,000	15.3	13.3	14.8	15.3	15.9	15.7	15.5	11.6	12.9	13.3	14.7	13.7	13.3	14.4	13.9
11/2 5:00	1,986	1,679	1,999	1,999	2,000	2,001	2,000	1,903	1,999	1,999	2,000	2,000	2,000	2,001	2,000	13.9	12.0	13.9	14.5	16.1	15.2	16.0	11.1	12.7	13.0	13.6	12.9	12.7	13.9	14.1
11/2 5:10	2,001	1,779	2,000	2,000	2,000	1,999	2,000	1,969	2,000	2,001	2,000	2,000	2,000	2,001	2,000	14.6	13.1	14.2	14.6	15.7	15.6	15.6	11.5	13.4	13.8	14.5	13.8	13.5	14.3	14.3
11/2 5:20	1,999	1,807	2,000	2,000	2,000	2,000	2,000	1,898	1,999	2,000	1,999	1,999	2,000	2,001	1,999	15.7	13.5	14.6	15.5	15.9	14.7	15.1	10.8	12.5	12.6	14.5	13.8	13.8	14.7	13.7
11/2 5:30	1,999	1,742	1,992	1,998	1,999	1,999	2,000	1,907	2,000	1,995	2,000	2,000	2,000	2,000	2,000	14.0	12.8	13.5	13.6	14.4	14.2	14.2	10.5	12.5	12.5	13.8	13.4	13.7	14.0	13.6
11/2 5:40	2,002	1,375	1,993	2,001	1,999	1,999	1,998	1,914	1,999	1,999	2,000	1,999	2,000	2,000	2,000	13.3	10.7	12.2	12.4	13.5	12.8	13.0	11.2	12.3	13.2	13.8	13.7	13.2	13.4	13.5
11/2 5:50	1,963	1,459	1,971	1,998	1,985	1,997	1,996	1,930	1,998	2,000	2,000	2,000	2,000	2,000	2,000	13.2	11.1	12.6	12.9	14.4	13.3	13.0	11.4	12.3	13.0	14.1	13.8	13.6	13.7	13.6
11/2 6:00	1,978	1,535	2,018	1,995	1,990	2,001	2,003	1,993	2,002	2,000	1,998	2,000	2,000	2,000	2,000	13.4	11.4	12.8	12.9	14.3	13.6	13.6	12.1	12.7	13.4	14.6	13.2	13.0	14.3	13.3
11/2 6:10	1,885	1,366	1,874	1,962	2,000	1,945	2,000	1,849	1,999	1,997	2,000	2,000	2,000	2,000	2,000	12.7	10.7	12.2	12.6	13.8	13.0	14.2	11.4	12.5	13.4	14.8	14.6	14.1	14.2	13.0
11/2 6:20	1,864	1,272	1,932	2,018	1,991	1,999	1,999	1,885	2,001	2,000	2,000	2,000	1,987	2,000	1,998	12.4	10.2	12.5	13.0	13.6	13.6	14.3	11.3	13.0	13.1	14.5	13.9	14.0	13.9	12.6
11/2 6:30	1,822	1,356	1,935	1,998	2,002	1,999	2,000	1,640	2,000	1,997	2,000	2,000	1,904	2,002	2,000	12.2	10.6	12.4	12.7	14.6	13.9	13.8	10.3	13.7	13.6	14.5	13.3	13.1	13.9	13.2
11/2 6:40	1,915	1,464	1,929	2,000	1,998	1,998	2,000	1,833	1,998	2,001	1,999	1,998	1,858	2,002	2,000	12.8	11.7	12.9	13.6	14.6	13.3	14.2	11.5	13.1	14.2	14.8	14.2	13.0	14.5	13.7
11/2 6:50	2,010	1,486	1,975	1,986	2,001	1,998	2,000	1,820	1,999	1,999	2,001	2,000	1,819	2,002	2,000	13.8	12.0	12.9	13.1	13.8	13.5	13.8	11.0	12.8	13.3	15.0	13.5	13.2	13.9	13.3
11/2 7:00	1,996	1,591	1,982	2,004	2,002	1,997	1,999	1,561	1,999	1,999	2,000	1,994	1,795	1,999	2,000	13.8	12.4	12.9	13.1	14.4	13.4	14.0	10.1	12.8	12.8	12.9	12.6	13.2	13.5	14.3
11/2 7:10	1,947	1,407	1,896	1,923	1,984	1,914	1,845	1,945	1,999	2,001	2,000	2,000	1,768	2,000	1,999	13.3	11.4	12.2	12.4	13.7	12.5	12.2	11.1	12.1	13.2	13.8	13.6	13.4	12.9	13.0
11/2 7:20	1,899	1,412	1,838	1,918	2,001	1,909	1,899	1,673	2,001	2,000	1,998	2,000	1,750	2,000	1,999	12.8	11.2	11.8	12.1	12.7	12.2	12.4	10.4	12.9	12.3	13.3	12.7	12.3	12.5	11.9
11/2 7:30	1,886	1,343	1,793	1,813	1,969	1,822	1,888	1,980	2,000	2,000	2,000	2,000	1,740	2,001	1,997	12.2	10.7	11.7	12.1	13.1	11.9	12.4	11.9	13.3	13.5	14.6	13.5	13.4	13.8	11.8
11/2 7:40	1,371	634	1,483	1,767	1,806	1,732	1,776	1,748	1,998	1,999	2,000	1,998	1,711	2,000	1,998	9.8	7.2	10.6	11.2	12.6	11.8	12.7	10.9	13.7	12.7	13.1	12.5	12.0	12.3	11.8
11/2 7:50	1,539	1,008	1,752	1,995	1,995	1,980	2,014	1,196	1,987	1,939	2,000	2,001	1,677	1,966	1,999	11.2	9.2	11.5	12.5	12.8	14.0	14.9	8.6	11.5	11.0	11.4	11.4	10.4	11.0	11.0
11/2 8:00	1,783	1,249	1,844	1,973	1,959	1,962	1,971	1,545	1,979	1,966	1,999	2,000	1,712	1,999	1,995	12.1	10.3	11.9	12.9	13.7	13.1	14.2	9.8	11.2						

11/2 10:00	2,013	1,898	2,006	1,997	1,999	2,000	2,000	2,001	1,999	1,999	1,999	1,973	1,712	2,000	2,000	14.3	15.1	15.1	14.8	15.2	14.7	15.4	14.3	13.6	14.6	13.6	12.4	12.7	13.3	12.9
11/2 10:10	1,677	1,485	1,908	1,819	1,951	1,875	1,892	1,933	1,725	1,847	1,999	1,799	1,547	1,872	1,989	11.7	11.7	12.0	11.6	12.7	12.1	12.4	10.9	10.2	11.1	11.6	10.2	9.5	11.0	11.7
11/2 10:20	1,461	1,597	1,754	1,827	1,901	1,813	1,951	1,758	1,589	1,860	1,634	1,626	1,584	1,768	1,777	11.2	11.7	11.4	11.5	12.7	11.5	12.9	9.9	9.4	10.3	9.3	9.7	9.4	10.2	10.2
11/2 10:30	1,882	1,644	1,906	1,791	1,981	1,933	1,979	1,660	1,483	1,763	1,936	1,868	1,222	1,603	1,711	12.0	11.9	12.0	11.2	13.3	12.6	14.1	9.6	9.1	9.8	10.1	10.0	8.5	9.7	9.9
11/2 10:40	1,696	1,517	1,813	1,741	1,954	1,927	1,960	1,027	975	1,275	1,625	1,293	1,175	1,401	1,577	11.6	11.4	11.6	11.8	13.0	13.4	13.7	7.8	7.7	8.6	9.6	8.4	8.3	9.2	9.3
11/2 10:50	1,130	937	1,175	1,070	1,307	1,442	1,556	895	793	833	1,196	762	688	712	739	9.0	8.9	9.2	9.0	10.3	10.7	11.4	7.7	7.4	7.6	8.5	7.3	7.3	7.3	7.3
11/2 11:00	1,460	1,340	1,534	1,509	1,836	1,865	1,878	1,207	828	1,149	1,568	1,419	1,475	1,523	1,321	11.1	10.6	10.9	10.7	12.2	12.4	12.7	8.4	7.5	8.2	9.3	9.1	9.1	9.6	9.0
11/2 11:10	1,321	1,025	1,399	1,311	1,669	1,592	1,569	703	724	775	1,061	775	604	659	651	10.8	9.1	10.1	10.2	11.8	12.0	11.9	7.2	7.2	7.5	8.1	7.5	6.7	7.0	6.9
11/2 11:20	1,354	939	1,179	948	1,318	1,231	1,323	852	728	756	1,033	673	496	604	665	11.0	8.7	9.4	8.8	10.5	10.3	10.4	7.7	7.4	7.3	8.0	7.1	6.4	6.8	6.9
11/2 11:30	1,096	740	1,094	1,022	1,382	1,355	1,475	639	751	682	889	603	624	1,047	1,123	10.0	7.6	9.1	9.0	10.7	10.7	10.5	6.9	7.3	7.0	7.8	6.7	6.9	8.2	8.4
11/2 11:40	865	613	794	802	1,085	1,023	1,108	1,106	832	821	1,092	847	797	1,139	1,192	8.8	7.5	8.2	8.3	10.0	9.7	9.6	8.5	7.5	7.5	8.1	7.3	7.4	8.4	8.5
11/2 11:50	725	533	703	703	876	801	880	305	491	468	583	410	490	598	588	8.4	7.0	7.8	7.8	9.1	9.0	9.1	5.4	6.5	6.3	6.7	6.0	6.5	7.0	6.9
11/2 12:00	788	529	710	645	954	817	738	256	611	534	846	562	582	735	706	8.4	7.0	7.7	7.5	9.1	8.7	8.6	4.5	6.9	6.6	7.5	7.0	6.7	7.3	7.1
11/2 12:10	667	433	603	655	859	750	646	348	612	627	904	695	694	792	723	7.8	6.6	7.6	7.9	9.0	8.6	8.1	5.5	7.2	7.0	7.8	7.2	7.2	7.6	7.4
11/2 12:20	735	369	405	362	521	478	457	299	490	478	604	446	429	479	424	8.2	6.1	6.3	6.2	7.1	7.0	6.8	5.5	6.7	6.4	7.0	6.4	6.5	6.6	6.2
11/2 12:30	695	366	568	594	942	900	832	220	491	463	639	435	444	528	459	8.2	6.3	7.5	7.6	9.3	9.2	8.9	4.6	6.6	6.4	7.2	6.2	6.4	6.7	6.4
11/2 12:40	1,375	474	1,040	1,094	925	901	641	203	562	566	772	629	663	722	640	10.1	6.5	8.9	8.9	9.1	8.4	7.6	4.7	6.9	6.7	7.2	6.8	7.1	7.5	7.0
11/2 12:50	1,621	637	1,099	1,075	665	1,097	838	480	1,053	1,050	1,370	1,034	917	1,227	1,058	10.5	7.5	8.8	9.1	10.0	8.8	8.1	6.2	8.1	8.2	8.8	8.1	7.8	8.4	8.0
11/2 13:00	1,313	733	1,010	1,210	399	1,246	1,241	808	1,429	1,306	1,551	1,334	1,225	1,237	1,151	9.3	7.7	8.4	9.1	10.8	9.4	9.8	7.4	9.1	8.7	9.1	8.6	8.7	8.7	8.3
11/2 13:10	1,645	1,304	1,674	1,759	133	1,696	1,546	962	1,226	1,260	1,532	1,285	1,410	1,458	1,297	11.7	10.0	11.2	11.5	11.7	11.7	11.9	7.9	8.6	8.7	9.1	8.5	8.9	9.3	8.5
11/2 13:20	1,598	1,086	1,519	1,592	1,314	1,727	1,745	704	1,173	1,151	1,410	1,135	1,159	1,295	1,272	10.4	9.3	9.9	10.6	12.3	11.3	11.0	7.1	8.6	8.5	9.0	8.2	8.5	9.0	8.5
11/2 13:30	1,693	1,234	1,536	1,618	1,881	1,901	2,000	1,169	1,165	1,046	1,445	1,005	948	1,127	1,000	11.8	10.3	10.9	11.4	12.7	13.3	12.7	8.9	8.5	8.2	9.1	8.1	7.9	8.6	8.0
11/2 13:40	1,885	1,467	1,903	1,960	1,999	1,973	1,989	1,451	1,335	1,240	1,733	1,416	1,488	1,773	1,833	12.1	10.9	11.9	12.6	13.6	13.0	13.6	9.3	8.8	8.7	9.7	9.1	9.2	10.3	10.3
11/2 13:50	1,761	1,292	1,730	1,846	1,975	1,900	1,881	710	979	942	1,255	1,086	963	1,184	1,249	11.3	10.4	11.1	11.5	13.1	13.1	13.3	6.5	8.1	8.0	8.6	8.2	8.1	8.6	8.5
11/2 14:00	1,255	785	1,228	1,461	1,837	1,680	1,651	296	776	817	1,048	799	757	925	1,196	9.8	8.3	9.5	10.1	11.6	11.3	11.6	5.1	7.4	7.6	8.1	7.4	7.6	7.9	8.8
11/2 14:10	969	675	1,176	1,423	1,863	1,892	1,834	378	945	859	1,085	637	569	780	825	8.6	7.9	9.3	9.9	11.6	11.2	12.0	5.8	8.0	7.8	8.3	7.4	7.2	8.0	7.9
11/2 14:20	1,261	816	1,307	1,400	1,456	1,478	1,431	394	610	591	752	556	581	827	915	10.3	8.8	9.9	10.4	11.2	11.4	11.3	5.9	7.2	7.1	7.4	7.0	7.2	8.2	8.4
11/2 14:30	1,414	861	1,450	1,473	1,492	1,511	1,508	239	869	827	1,105	952	943	1,252	1,286	10.9	8.8	10.3	10.8	11.9	12.2	12.1	5.1	8.2	7.9	8.6	8.2	8.3	9.4	9.3
11/2 14:40	1,396	662	1,474	1,499	1,529	1,510	1,470	464	1,115	1,090	1,557	1,328	1,221	1,711	1,702	11.0	6.7	10.7	11.3	12.2	12.5	12.1	6.5	8.7	8.6	9.3	9.1	9.1	10.4	10.5
11/2 14:50	632	153	823	1,225	1,222	1,188	1,119	452	1,024	969	1,452	1,298	1,374	1,779	1,719	6.7	4.1	7.9	9.9	10.1	9.5	10.1	6.0	8.2	7.9	9.2	9.0	9.3	10.6	10.8
11/2 15:00	438	116	687	1,289	1,291	1,194	1,133	222	628	609	1,131	1,024	1,018	1,431	1,620	5.8	4.1	7.4	9.6	10.6	10.4	9.7	5.0	7.0	6.9	8.2	8.3	8.3	9.6	9.4
11/2 15:10	639	167	901	1,437	1,465	1,455	1,575	285	860	904	1,007	947	1,092	1,288	1,137	7.1	4.6	8.1	10.0	10.7	11.0	10.7	5.4	7.8	7.9	8.1	7.9	8.4	8.8	8.1
11/2 15:20	906	309	1,089	1,503	1,601	1,461	1,642	266	826	909	1,122	1,043	726	1,177	1,369	7.9	5.3	8.5	10.1	11.3	11.2	11.3	5.3	7.6	7.8	8.0	8.2	7.3	8.6	8.8
11/2 15:30	477	83	588	1,306	1,409	1,336	1,351	220	719	736	934	882	828	917	1,116	6.1	3.6	6.5	9.6	11.0	10.5	10.7	5.1	7.3	7.2	7.7	7.8	7.7	7.8	8.2
11/2 15:40	351	59	489	1,274	1,267	1,307	1,324	182	491	523	736	538	636	883	862	5.5	3.3	5.3	9.6	10.7	10.7	10.7	4.9	6.4	6.6	7.3	6.7	7.2	7.8	7.7
11/2 15:50	341	72	567	1,499	1,479	1,552	1,440	316	799	800	1,234	1,106	995	1,372	1,462	5.7	3.5	6.1	10.3	11.4	11.2	10.7	5.5	7.8	7.8	8.7	8.3	8.1	9.4	9.4
11/2 16:00	665	102	933	1,618	1,574	1,645	1,526	625	1,295	1,298	1,915	1,434	1,369	1,684	1,909	7.2	3.9	7.8	10.6	11.3	11.1	10.7	6.8	8.8	8.8	10.0	8.9	8.8	9.9	10.0
11/2 16:10	581	93	717	1,505	1,527	1,329	1,236	731	1,378	1,381	1,916	1,615	1,597	1,953	2,001	6.7	3.7	6.5	10.2	11.3	10.2	10.1	7.4	9.0	9.1	10.2	9.5	9.3	10.5	10.6
11/2 16:20	707	102	719	1,386	1,314	1,406	1,316	587	1,395	1,416	1,987	1,627	1,678	2,013	1,985	7.0	3.8	6.6	9.7	10.6	10.4	10.3	6.6	9.1	9.2	10.4	9.6	9.5	10.9	10.6
11/2 16:30	800	142	1,062	1,579	1,647	1,697	1,611	1,010	1,809	1,760	2,004	1,927	1,839	2,001	2,010	7.4	4.1	8.6	10.4	11.5	11.5	11.1	8.0	10.0	10.0	10.9	10.2	9.8	11.1	10.7
11/2 16:40	629	113	787	1,547	1,498	1,401	1,369	1,083	1,854	1,680	1,999	1,758	1,640	1,991	2,000	6.8	4.1	6.7	10.4	11.4	10.6	10.6	8.3	10.3	9.7	10.7	9.6	9.4	10.8	10.6
11/2 16:50	420	113	138	1,015	978	1,034	1,040	858	1,556	1,493	1,928	1,338	1,341	1,897	1,993	6.2	4.6	3.8	8.9	9.2	9.7	9.9	7.4	9.5	9.2	10.2	8.6	8.8	10.6	10.9
11/2 17:00	563	228	139	889	1,023	1,085	1,108	808	1,731	1,666	2,016	1,598	1,455	1,908	1,884	7.0	5.7	3.7	8.6	9.5	10.0	10.0	7.3	10.0	9.6	10.3	9.5	9.0	10.7	10.5
11/2 17:10	662	321	186	1,077	969	933	929	844	1,496	1,524	1,964	1,461	1,332	1,620	1,640	7.4	6.3	4.1	9.2	9.3	9.4	9.4	7.2	9.6	9.5					

11/2 18:50	202	47	38	585	632	489	422	334	634	677	1,037	696	556	742	766	4.8	3.8	2.8	7.3	7.5	6.9	6.7	5.6	7.1	7.2	8.1	7.3	6.6	7.4	7.2
11/2 19:00	299	119	55	454	498	482	603	431	594	632	1,172	787	690	967	920	5.8	4.6	3.0	6.8	7.3	7.3	7.8	6.1	6.7	6.9	8.5	7.4	7.3	8.1	7.8
11/2 19:10	527	252	125	586	781	742	870	380	473	494	1,060	673	619	862	787	7.4	5.9	3.9	7.7	8.6	8.7	9.2	5.6	5.9	6.3	8.0	7.1	7.1	7.6	7.4
11/2 19:20	476	200	67	730	899	817	886	274	365	434	938	699	635	791	857	6.9	5.4	3.2	8.3	9.0	8.9	9.2	5.4	5.5	6.1	7.7	7.1	7.3	7.6	7.6
11/2 19:30	393	169	57	775	956	882	930	365	709	859	1,276	854	744	1,022	900	6.2	5.4	2.9	8.4	9.1	9.3	9.2	5.9	7.3	8.0	8.7	7.6	7.4	8.3	7.5
11/2 19:40	272	46	170	827	966	902	889	450	942	899	1,239	963	778	1,015	986	5.1	3.5	4.1	8.2	8.9	8.9	8.4	6.3	8.0	7.9	8.5	7.9	7.4	8.1	7.7
11/2 19:50	362	84	429	765	781	720	784	341	763	792	1,172	832	746	861	838	5.6	3.7	5.8	7.8	8.6	7.4	8.1	5.5	7.5	7.4	8.1	7.4	7.5	7.6	7.4
11/2 20:00	566	211	637	927	1,122	1,031	932	348	650	624	762	613	627	913	981	6.8	4.9	7.2	8.2	9.5	8.8	8.9	5.8	7.0	7.1	7.3	6.8	6.8	7.5	7.7
11/2 20:10	442	313	516	609	815	739	756	589	836	760	1,055	756	653	796	924	6.3	6.0	6.7	7.0	8.1	7.8	7.9	6.7	7.6	7.4	8.0	7.4	7.2	7.5	7.8
11/2 20:20	900	702	948	1,051	1,177	1,077	995	881	1,248	1,149	1,270	1,108	1,154	1,296	1,293	8.2	7.9	8.4	8.4	10.0	8.7	9.0	7.5	8.6	8.2	8.5	8.1	8.2	8.6	8.4
11/2 20:30	907	694	838	1,054	1,185	1,245	1,130	980	1,252	1,397	1,689	1,601	1,280	1,289	1,265	8.1	7.8	8.0	8.6	10.1	9.3	9.8	7.7	8.6	9.0	9.4	9.2	8.7	8.6	8.8
11/2 20:40	924	612	863	956	1,098	1,118	1,031	594	953	912	1,414	1,130	989	1,301	1,342	8.2	7.2	7.9	8.2	9.7	8.7	9.1	6.5	7.7	7.6	8.7	7.9	7.4	8.7	8.8
11/2 20:50	733	505	820	973	1,198	1,076	949	767	891	927	1,271	915	963	1,130	1,178	7.5	7.2	7.9	8.4	9.3	9.0	9.2	7.3	7.7	7.8	8.7	7.8	7.9	8.3	8.3
11/2 21:00	1,045	851	1,136	1,366	1,506	1,655	1,602	652	901	1,120	1,522	1,221	1,216	1,359	1,517	8.1	8.4	9.0	9.6	10.9	10.2	10.6	6.7	7.7	8.2	9.1	8.3	8.3	8.8	8.7
11/2 21:10	1,440	1,222	1,578	1,679	1,984	1,977	1,893	709	957	932	1,124	883	859	1,205	1,492	9.4	9.7	10.3	10.5	12.9	11.8	12.0	6.8	7.9	7.8	8.0	7.5	7.6	8.5	8.9
11/2 21:20	1,312	1,072	1,366	768	1,833	1,878	1,866	447	745	678	721	533	528	634	854	8.7	9.3	9.2	10.2	11.0	11.5	11.1	6.3	7.3	7.1	7.3	6.6	6.6	6.6	7.2
11/2 21:30	882	785	1,068	680	1,212	1,099	1,216	646	582	708	1,023	822	576	673	692	7.8	7.9	8.4	7.9	9.1	8.8	8.8	6.9	6.6	7.2	7.8	7.3	6.6	6.9	6.8
11/2 21:40	1,493	1,333	1,339	1,420	1,545	1,069	1,505	1,631	1,693	1,818	1,776	1,648	1,489	1,647	1,732	11.0	10.6	9.9	10.5	10.9	10.0	11.0	10.8	10.7	10.5	11.2	10.8	9.5	10.3	11.3
11/2 21:50	1,903	1,420	1,694	1,690	1,797	975	1,957	1,999	1,932	1,994	1,999	1,997	1,870	1,965	1,995	11.8	11.9	11.0	11.4	12.2	9.2	14.0	11.0	10.3	10.7	11.2	10.9	10.2	10.6	10.9
11/2 22:00	1,594	635	1,743	1,589	1,869	877	1,929	1,743	1,428	1,653	1,826	1,459	1,348	1,594	1,840	10.4	10.7	10.7	10.5	11.8	8.2	13.0	9.7	9.0	9.3	9.7	9.0	8.5	9.4	9.7
11/2 22:10	1,782	1,494	1,754	1,603	1,942	779	1,993	1,687	1,354	1,494	1,911	1,480	1,291	1,645	1,824	11.2	10.8	11.0	11.0	12.0	7.3	11.8	9.5	8.6	9.1	10.0	9.1	8.5	9.6	9.8
11/2 22:20	1,593	1,183	1,673	1,669	1,954	681	1,919	1,168	883	1,029	1,492	1,153	916	1,306	1,554	10.1	9.7	10.4	10.7	11.6	6.4	11.6	8.3	7.5	8.0	8.9	8.3	7.6	8.8	9.2
11/2 22:30	1,410	1,085	1,543	1,521	1,796	582	1,762	953	748	867	1,054	750	747	902	1,018	9.8	9.4	10.3	10.3	11.2	5.5	11.1	7.8	7.1	7.5	7.8	7.1	7.3	7.3	7.8
11/2 22:40	1,307	1,114	1,414	1,350	1,580	484	1,476	737	599	659	884	647	545	720	680	9.2	9.4	9.8	9.8	10.6	4.6	10.3	7.2	6.6	6.8	7.4	7.1	6.6	7.1	7.1
11/2 22:50	1,114	830	1,096	995	1,229	386	1,132	807	617	594	710	478	483	545	636	8.7	8.3	8.9	8.5	9.6	3.6	9.3	7.4	6.7	6.9	7.0	6.4	6.3	6.2	6.9
11/2 23:00	1,046	836	1,080	1,014	1,267	288	1,114	864	703	589	793	505	517	556	666	8.1	8.3	8.6	8.4	9.5	2.7	9.1	7.5	7.2	6.5	7.3	6.5	6.5	6.5	6.8
11/2 23:10	1,121	828	1,068	896	1,259	190	1,164	979	652	646	816	556	537	686	805	8.4	8.2	8.5	7.7	9.3	1.8	9.0	7.9	6.9	6.8	7.3	6.5	6.5	6.9	7.2
11/2 23:20	869	656	834	711	928	91	884	723	539	527	543	338	334	412	503	7.8	7.5	7.9	7.3	8.6	0.9	8.4	7.1	6.6	6.4	6.4	5.5	5.7	5.8	6.2
11/2 23:30	922	653	805	721	1,000	245	902	583	397	394	502	348	280	475	566	8.3	7.3	8.1	7.5	9.0	4.7	8.6	6.7	6.1	6.2	6.4	5.9	5.4	6.0	6.8
11/2 23:40	929	736	977	967	668	1,303	1,373	656	507	580	791	507	461	465	790	7.7	8.0	8.2	8.2	6.8	9.6	10.5	6.9	6.6	6.8	7.4	6.7	6.4	5.8	7.5
11/2 23:50	1,269	1,144	1,228	1,094	621	817	861	561	442	542	741	553	524	645	858	9.4	9.7	9.4	8.8	7.1	8.1	9.0	6.7	6.3	6.7	7.4	6.8	6.6	7.1	7.9
11/3 0:00	1,020	816	1,043	947	1,055	1,329	1,362	527	373	413	547	373	397	538	678	8.3	8.2	8.6	8.6	9.0	9.7	10.2	6.6	5.9	6.1	6.5	5.9	6.0	6.5	7.0
11/3 0:10	867	634	817	784	879	1,128	1,183	476	387	388	526	329	316	468	581	7.9	7.3	7.7	7.5	8.3	9.4	9.6	6.3	5.9	6.0	6.5	5.7	5.7	6.4	6.8
11/3 0:20	818	598	806	856	794	602	831	434	338	344	488	319	197	184	503	7.4	7.3	7.6	7.9	7.4	6.6	7.6	6.2	5.8	5.9	6.4	5.7	4.6	3.8	6.4
11/3 0:30	680	516	497	587	790	296	406	377	286	321	462	203	34	144	311	7.7	6.9	6.5	7.2	8.2	5.4	5.9	5.8	5.4	5.7	6.2	4.8	2.3	3.9	5.6
11/3 0:40	959	754	687	759	1,019	373	473	518	380	392	468	239	33	119	270	7.5	7.9	7.1	7.6	9.4	5.3	6.1	6.5	5.9	6.1	6.3	5.5	2.7	3.8	5.2
11/3 0:50	837	623	507	675	846	192	284	442	316	383	511	293	47	161	325	7.1	7.2	6.3	7.0	8.9	4.5	5.3	6.1	5.6	6.0	6.4	5.7	2.7	4.3	5.5
11/3 1:00	634	423	577	551	803	282	308	300	283	344	499	235	56	139	317	6.7	6.6	6.8	6.4	7.8	5.3	5.5	5.4	5.4	5.9	6.5	4.9	3.1	4.0	5.3
11/3 1:10	391	336	468	566	661	335	330	136	135	176	299	34	-5	200	179	5.8	5.8	6.2	6.7	7.7	5.5	5.8	4.5	4.5	4.7	5.3	3.0	3.0	4.7	4.5
11/3 1:20	412	312	430	482	369	451	454	263	184	6	62	22	131	286	258	5.9	5.9	6.2	6.3	5.9	6.5	6.5	5.5	4.8	2.4	3.8	3.3	4.7	5.4	5.2
11/3 1:30	317	260	290	346	274	322	227	317	235	17	73	-1	60	230	170	5.7	5.6	5.5	5.8	5.5	6.0	5.3	5.7	5.3	2.9	3.8	2.3	3.7	4.9	4.5
11/3 1:40	502	382	416	444	438	432	436	306	277	79	140	6	113	349	313	6.8	6.3	6.4	6.5	6.3	6.7	6.6	5.6	5.4	3.3	4.4	2.7	4.2	5.8	5.6
11/3 1:50	588	491	577	655	562	574	638	349	378	50	215	313	326	386	546	6.4	6.8	6.9	7.3	6.9	7.1	7.7	5.8	6.0	3.2	4.5	5.7	5.8	5.7	6.4
11/3 2:00	362	327	350	417	344	36	349	394	376	102	188	90	112	215	250	5.6	5.9	5.7	6.2	5.7	6.2	5.7	5.8	5.6	3.8	4.7	3.9	3.9	4.4	4.9
11/3 2:10	380	333	371	358	263	190	307	382	287	149	229	-10	1	174	135	6.5	6.1	6.1	6.1	5.4	6.4	5.9	5.9	5.4	4.2	5.1	1.9	2.8	4.5	4.2
11/3 2:20	416	380	454	489	421	513	513	428	347	108	187	15	163	412	373	6.2	6.3	6.4	6.5	6.3	6.9	7.4	6.2	5.7	3.4	4.3	3.6	4.6	6.0	5.9
11/3 2:30	664	540	762	905	99																									

11/3 3:40	295	-10	368	504	451	492	507	174	300	206	464	396	411	482	702	5.7	6.7	6.2	6.9	6.8	7.1	7.4	4.9	5.7	5.0	6.4	6.0	6.2	6.6	7.4
11/3 3:50	207	171	293	415	349	381	438	93	242	179	360	305	328	405	550	5.2	5.2	5.7	6.5	6.2	6.5	6.9	4.2	5.5	4.9	6.0	5.6	5.8	6.1	6.7
11/3 4:00	71	88	123	176	126	190	235	-11	49	20	152	115	140	151	219	3.8	4.3	4.4	4.9	4.5	5.0	5.4	2.9	3.8	3.4	4.9	4.3	4.6	4.5	5.3
11/3 4:10	51	79	83	119	88	136	174	-13	-10	-9	68	42	69	86	133	3.5	4.1	4.0	4.4	4.1	4.6	5.0	2.4	2.8	3.1	4.1	3.5	3.9	3.9	4.8
11/3 4:20	122	161	187	245	157	207	249	-3	102	115	187	190	201	163	245	4.3	5.0	4.9	5.5	4.8	5.2	5.6	3.4	4.3	4.3	5.0	4.7	4.9	4.6	5.4
11/3 4:30	509	545	584	636	452	467	497	287	468	494	581	584	570	454	620	6.8	7.4	7.1	7.4	6.9	6.9	7.1	5.6	6.6	6.6	6.9	7.0	6.9	6.3	7.2
11/3 4:40	883	788	927	1,081	752	714	754	550	814	846	1,058	1,119	1,148	1,104	1,351	8.6	8.8	8.4	9.4	8.0	7.9	8.3	6.8	7.8	7.6	8.2	8.4	8.5	8.4	9.2
11/3 4:50	802	591	705	791	581	609	541	547	908	947	1,152	1,185	1,244	1,238	1,410	7.9	7.6	7.8	8.0	7.3	7.3	7.1	6.8	7.8	7.9	8.4	8.6	8.7	8.8	9.2
11/3 5:00	698	778	719	654	381	349	375	904	1,245	1,202	1,354	1,179	1,225	1,265	1,465	7.9	8.5	7.7	7.3	6.3	5.8	6.3	7.7	8.6	8.5	8.9	8.6	8.8	8.9	9.2
11/3 5:10	727	538	621	641	314	321	404	877	1,205	1,201	1,168	1,130	1,151	1,118	1,356	7.7	7.4	7.5	7.6	5.8	5.9	6.4	7.6	8.5	8.4	8.4	8.8	8.7	8.6	9.1
11/3 5:20	805	809	758	687	399	374	401	1,121	1,371	1,193	1,379	1,148	1,275	1,155	1,244	8.0	8.5	7.8	7.6	6.5	6.3	6.6	8.2	8.9	8.5	8.9	8.4	8.9	8.5	8.7
11/3 5:30	835	836	862	759	435	478	445	1,861	1,790	1,730	1,874	1,809	1,701	1,610	1,412	8.4	8.6	8.2	8.6	7.0	6.8	7.0	10.0	10.0	9.8	10.2	9.9	9.6	9.6	9.0
11/3 5:40	965	1,037	1,129	1,181	668	681	698	2,011	2,000	2,001	1,997	2,010	1,944	1,873	1,814	8.5	9.3	9.0	9.4	7.9	7.8	7.9	10.6	11.2	10.9	11.1	10.7	10.4	10.3	9.9
11/3 5:50	1,128	1,224	1,365	1,278	920	733	731	1,999	1,999	1,999	2,000	1,998	1,990	1,993	1,973	9.0	10.0	10.0	9.8	8.8	7.7	7.9	12.8	13.7	13.6	13.3	12.0	11.6	11.6	10.5
11/3 6:00	1,667	1,553	1,782	1,735	1,275	1,165	1,195	1,966	1,989	1,849	1,878	1,803	1,578	1,878	1,899	10.7	11.7	11.4	11.3	10.1	9.4	9.6	11.6	11.8	11.3	11.3	10.6	9.5	10.8	11.2
11/3 6:10	972	943	1,016	967	817	593	565	1,484	1,272	1,048	919	667	529	1,034	1,368	8.6	9.4	8.5	8.9	8.5	7.5	7.3	9.3	8.5	7.8	7.5	6.9	6.6	7.9	9.0
11/3 6:20	869	794	874	550	577	374	413	1,249	1,062	869	679	502	519	706	885	8.3	8.5	8.4	8.0	7.2	6.2	6.4	8.5	7.9	7.3	6.3	5.8	6.1	7.3	7.9
11/3 6:30	916	914	1,066	1,053	744	657	691	1,651	1,902	1,690	1,761	1,222	948	1,640	1,798	8.4	8.9	9.1	8.9	8.1	7.5	7.4	9.6	10.0	9.6	9.7	8.4	7.8	9.7	9.7
11/3 6:40	1,026	1,069	1,260	1,338	1,033	942	958	2,002	1,978	1,992	1,973	1,761	1,560	1,853	1,941	9.2	9.2	10.1	10.2	9.3	9.1	9.0	10.6	10.8	10.7	10.2	10.0	9.8	10.9	10.9
11/3 6:50	948	1,017	1,286	1,355	1,001	802	764	1,337	1,620	1,404	1,651	1,329	1,238	1,532	1,881	8.9	9.4	9.8	10.5	9.3	8.5	8.5	8.8	9.6	8.9	9.3	8.9	8.7	9.5	10.4
11/3 7:00	833	809	1,026	1,169	766	669	668	1,193	1,343	1,229	1,292	1,167	1,137	1,269	1,441	8.1	8.5	9.0	9.5	8.3	7.8	8.0	8.4	8.8	8.5	8.7	8.6	8.6	8.7	9.1
11/3 7:10	570	503	635	734	488	429	389	611	704	678	576	458	404	416	426	7.2	7.1	7.4	7.8	7.2	6.5	6.4	6.1	6.8	6.2	5.9	5.3	4.9	4.8	5.0
11/3 7:20	208	175	204	198	257	282	283	381	402	358	465	273	133	105	-15	5.2	4.8	4.9	4.9	5.5	5.5	5.6	6.0	6.2	5.8	6.4	5.6	4.6	4.2	4.1
11/3 7:30	451	450	667	704	635	543	495	956	1,070	937	965	732	595	779	419	6.7	6.7	7.7	7.5	7.7	7.0	7.0	7.8	8.0	7.7	7.6	7.3	7.0	7.4	7.9
11/3 7:40	678	555	687	702	775	768	646	714	624	464	522	280	189	569	918	7.8	7.2	7.5	7.4	7.8	7.7	7.5	7.2	6.8	5.9	6.1	4.8	4.1	6.3	7.3
11/3 7:50	400	322	401	138	378	301	404	751	468	300	397	163	-13	530	690	6.3	6.2	6.3	4.3	6.1	5.7	6.3	7.2	6.2	5.5	5.9	4.8	2.8	6.5	7.2
11/3 8:00	814	677	684	481	696	609	594	1,151	1,054	853	1,222	679	558	1,318	1,579	8.6	8.1	7.8	6.9	8.2	7.7	7.5	8.4	8.1	7.4	8.4	7.0	6.8	9.2	9.8
11/3 8:10	767	698	656	432	830	835	921	1,850	1,843	1,169	1,482	1,444	1,234	1,936	2,000	8.3	7.8	7.4	6.1	8.4	8.3	8.7	10.1	10.3	8.1	8.8	9.4	8.8	10.8	11.3
11/3 8:20	1,046	858	950	304	879	830	1,168	1,433	1,202	1,112	1,686	1,313	604	1,931	1,998	8.8	8.7	8.6	5.1	8.1	8.0	9.3	9.0	8.1	7.9	9.5	8.5	6.4	10.6	11.1
11/3 8:30	995	831	919	299	1,022	1,105	1,094	1,510	1,628	1,736	1,850	1,466	651	1,991	1,987	8.5	8.4	8.2	5.0	9.3	8.9	9.4	9.2	9.3	9.8	10.2	9.0	6.7	11.1	11.3
11/3 8:40	752	634	741	173	691	871	1,138	1,232	1,561	1,141	1,899	1,209	423	1,612	1,667	7.6	7.6	7.6	4.3	7.5	7.9	9.8	8.4	8.9	8.0	10.1	8.2	5.6	9.7	9.8
11/3 8:50	814	634	665	423	363	387	874	1,075	1,040	939	1,158	638	143	1,009	1,263	8.1	7.7	7.3	6.4	5.8	5.7	8.1	8.2	7.9	7.7	8.3	6.7	4.1	7.7	8.5
11/3 9:00	926	921	921	376	555	411	737	1,320	1,082	1,052	1,422	643	182	1,159	1,382	8.6	8.9	8.6	5.8	7.0	5.8	7.8	8.7	8.2	8.1	8.8	6.9	4.5	8.3	8.7
11/3 9:10	866	733	772	508	514	555	1,035	1,281	1,446	1,111	1,422	818	311	1,241	1,552	8.5	8.0	7.9	6.2	6.6	7.3	9.6	8.5	8.8	8.1	8.9	7.5	5.4	8.6	9.3
11/3 9:20	915	770	809	487	762	723	1,183	1,082	1,373	1,112	1,486	954	250	1,244	1,681	8.9	8.1	8.0	6.2	7.9	8.0	10.0	8.0	8.8	8.1	9.0	7.8	4.8	8.6	9.8
11/3 9:30	812	552	752	914	507	360	1,010	1,076	1,288	997	1,126	332	240	1,500	2,002	8.3	7.4	7.8	7.9	6.5	5.4	8.9	8.2	8.6	7.5	8.0	5.5	4.7	9.4	10.6
11/3 9:40	916	752	912	750	385	284	725	1,220	841	869	972	324	54	955	1,583	8.6	8.2	8.5	7.5	5.8	4.9	7.4	8.3	7.0	7.3	7.2	5.1	3.1	7.5	9.3
11/3 9:50	854	540	538	440	267	185	488	590	397	155	112	-4	-11	447	829	8.3	7.0	6.9	6.1	5.3	4.6	6.5	6.6	5.8	4.6	4.2	3.1	2.7	5.8	7.4
11/3 10:00	834	679	527	689	389	224	639	672	400	176	231	-6	-6	348	724	8.3	7.6	6.9	7.4	5.9	4.6	7.2	7.1	5.7	4.7	5.0	2.8	2.8	5.1	7.1
11/3 10:10	791	716	315	835	774	430	707	863	226	155	24	7	31	193	435	7.7	8.1	5.4	8.3	8.2	5.8	8.1	7.6	4.9	4.5	3.4	2.7	3.2	4.3	5.9
11/3 10:20	1,092	987	491	1,284	1,018	727	1,148	1,037	493	640	560	19	141	797	1,112	8.9	9.1	6.6	10.0	9.1	7.2	9.9	8.1	6.2	6.9	6.8	4.0	4.3	7.3	8.6
11/3 10:30	886	824	503	1,213	1,019	779	1,267	1,170	900	1,262	910	226	280	1,072	1,606	7.7	8.7	6.6	9.8	8.6	7.5	10.1	8.4	7.5	8.7	7.4	4.9	5.3	7.8	9.5
11/3 10:40	827	710	369	1,156	1,168	925	1,280	1,479	1,271	774	589	94	466	917	1,571	7.9	8.0	5.6	9.4	9.4	8.1	9.5	9.1	8.5	7.1	6.4	4.2	6.2	7.2	9.4
11/3 10:50	1,002	777	308	1,112	1,186	823	1,219	1,659	1,396	1,114	741	136	388	825	1,538	8.6	8.2	5.5	9.3	9.4	7.6	9.2	9.6	8.8	8.3	7.0	4.3	5.7	6.9	9.1
11/3 11:00	1,118	859	454	1,257	1,472	1,113	1,362	1,281	1,413	1,301	947	178	315	1,009	1,610	9.0	8.5	6.0	9.5	10.5	8.8	9.8	8.6	8.9	8.6	7.8	4.7	5.5	7.4	9.6
11/3 11:10	1,464	1,000	574	1,155	1,460	1,218	1,160	1,946	1,626	1,319	917	265	770	1,212	1,832	10.3	9.3	7.1	9.3	10.5	9.3	10.1	10.8	9.2						

11/3 12:30	2,000	2,000	2,000	2,000	1,996	2,000	1,990	2,000	2,002	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	21.1	20.7	19.2	19.9	20.4	20.4	21.4	18.9	17.6	19.4	20.2	19.4	19.5	19.4	19.7
11/3 12:40	2,000	1,999	2,000	2,000	1,994	2,000	1,995	2,000	1,999	2,000	1,999	2,000	2,000	2,000	2,000	2,000	2,000	21.5	22.1	21.8	21.5	24.1	22.2	23.3	18.8	17.1	17.0	18.6	19.0	16.2	17.9	17.3
11/3 12:50	2,000	2,000	2,000	2,000	1,996	2,000	1,999	2,000	2,000	2,000	2,001	1,999	2,000	2,000	2,000	2,000	2,000	20.5	22.3	21.5	21.0	23.2	22.7	23.6	17.9	15.6	18.0	17.7	17.5	16.6	17.6	17.5
11/3 13:00	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,999	1,999	1,999	2,000	2,000	1,999	1,999	2,000	2,000	20.3	21.0	21.5	22.0	22.8	21.3	22.6	18.4	17.5	17.0	17.2	17.4	16.4	17.0	17.8
11/3 13:10	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,001	2,000	2,000	2,000	2,000	2,001	2,000	2,000	2,000	20.6	20.8	22.1	20.6	22.1	21.3	23.0	18.3	15.7	16.5	16.8	17.2	16.6	17.2	16.1
11/3 13:20	2,000	2,000	2,000	2,000	2,000	2,000	1,993	2,000	1,998	2,000	2,000	2,000	2,000	2,000	2,000	1,996	2,000	21.1	20.7	21.4	21.3	22.4	23.3	23.8	18.3	17.3	17.8	19.1	18.7	17.7	19.5	19.0
11/3 13:30	1,997	1,995	1,944	1,905	1,771	1,855	1,813	1,999	2,000	1,995	1,994	1,268	2,001	2,000	2,003	2,000	2,000	22.4	23.8	25.5	25.4	26.6	26.0	26.7	20.4	18.9	20.5	20.4	20.4	19.6	20.3	20.9
11/3 13:40	1,973	1,947	1,768	1,878	1,570	1,870	1,588	2,000	2,000	2,000	1,997	-1	2,000	2,000	2,000	2,000	2,000	23.9	24.7	26.6	25.1	27.9	25.8	28.0	20.1	17.9	18.1	20.8	19.5	18.2	19.6	19.3
11/3 13:50	1,090	2,000	1,976	1,997	2,008	1,915	1,854	1,996	2,001	2,000	2,000	-3	2,000	2,001	1,998	2,000	2,000	21.1	22.9	24.4	22.9	23.3	25.4	26.1	18.6	17.9	16.7	18.2	18.1	18.4	17.2	18.7
11/3 14:00	502	1,608	1,982	1,999	1,939	1,908	1,816	1,910	1,989	1,999	1,926	1,225	1,999	2,001	1,942	2,000	2,000	22.0	22.7	23.1	22.9	25.1	25.3	26.2	21.3	20.1	17.9	20.5	20.3	19.0	19.8	21.5
11/3 14:10	-2	1,969	1,911	1,865	1,939	1,975	1,743	1,818	1,894	852	1,747	1,841	1,837	1,432	1,852	2,000	2,000	23.3	24.2	25.4	24.8	24.3	24.1	26.6	22.5	22.0	22.9	23.5	22.8	22.0	23.6	22.1
11/3 14:20	-2	252	1,899	138	1,883	1,833	1,911	641	1,744	652	1,813	1,847	2,002	1,244	1,992	2,000	2,000	22.4	23.6	24.5	24.3	25.4	25.7	25.4	23.2	22.9	22.0	22.6	21.7	20.8	20.5	20.5
11/3 14:30	-3	-1	1,870	-1	1,863	1,904	1,917	1,719	1,996	1,934	785	654	1,995	2,000	1,878	2,000	2,000	23.3	24.5	25.5	25.3	25.7	25.0	25.0	23.8	20.5	22.2	23.7	22.8	21.1	21.1	21.8
11/3 14:40	-4	-2	1,926	-2	1,923	1,910	1,915	1,918	1,945	1,472	580	1,955	1,986	1,999	1,860	2,000	2,000	21.7	22.8	24.6	23.7	24.9	25.2	25.5	21.4	21.3	23.6	22.0	20.8	19.3	19.7	21.6
11/3 14:50	-4	-3	1,976	-2	1,946	2,000	1,981	2,000	1,992	891	1,999	2,007	1,782	2,002	2,000	2,000	2,000	21.0	22.8	23.8	24.2	24.6	21.9	22.7	19.6	19.7	19.6	20.6	19.8	17.7	18.9	18.0
11/3 15:00	-5	-4	1,979	-2	1,960	1,952	1,943	1,995	1,999	1,992	2,000	1,990	750	2,001	2,000	2,000	2,000	17.9	20.8	20.6	22.7	24.3	24.1	23.7	18.8	19.3	19.5	17.9	18.4	19.1	18.1	17.4
11/3 15:10	-5	-4	1,960	-2	1,993	2,000	1,988	1,947	1,988	1,715	1,588	1,980	1,992	2,000	1,955	2,000	2,000	20.3	23.9	23.2	22.6	22.7	21.8	22.6	21.6	20.1	21.5	22.4	20.4	17.9	18.6	19.2
11/3 15:20	148	-5	2,000	-3	2,000	1,998	1,988	742	1,774	2	-11	1,802	1,272	2,000	862	2,000	2,000	18.2	21.7	21.6	21.6	21.5	21.4	22.1	22.3	22.4	21.7	21.0	21.3	22.3	23.2	21.7
11/3 15:30	789	602	1,875	242	1,883	1,984	1,972	1,906	1,146	1,367	1,848	1,872	1,169	2,000	1,729	2,000	2,000	22.6	23.3	25.4	24.5	24.5	23.6	23.7	21.7	21.7	22.0	21.4	21.3	20.2	21.4	20.6
11/3 15:40	1,102	-1	1,890	2,002	1,990	1,991	1,818	1,867	538	644	1,854	1,932	1,997	2,000	1,950	2,000	2,000	23.2	25.7	24.9	24.0	24.2	23.9	24.7	22.0	19.6	21.3	22.4	20.8	19.7	21.7	20.7
11/3 15:50	543	-1	1,999	2,000	1,984	1,995	1,972	2,000	2,004	1,939	1,923	1,991	1,959	2,000	1,991	2,000	2,000	21.8	23.3	21.7	22.7	23.6	22.3	23.4	20.1	18.1	20.0	19.4	18.9	20.7	21.3	20.9
11/3 16:00	1,458	-1	2,000	2,000	2,000	1,998	1,998	1,999	1,999	1,995	1,987	1,999	2,000	2,000	1,999	2,000	2,000	21.8	21.5	21.2	20.6	21.8	23.7	22.2	19.1	18.6	19.7	19.4	17.4	18.5	19.5	19.5
11/3 16:10	262	-2	1,991	2,000	1,988	1,992	1,991	2,000	1,997	2,000	2,000	2,001	1,997	2,000	2,000	2,000	2,000	20.3	23.4	22.5	21.5	23.0	23.2	23.2	18.6	16.9	17.5	18.2	19.4	18.4	20.1	18.4
11/3 16:20	-2	-2	2,001	1,998	1,989	2,000	1,999	1,998	1,999	1,999	2,001	1,958	1,997	2,001	2,000	2,000	2,000	20.1	21.8	20.6	21.6	22.1	21.0	20.6	16.2	15.9	17.3	19.4	20.4	19.0	19.2	19.7
11/3 16:30	-3	-3	2,000	2,000	1,996	1,996	2,000	1,995	2,000	2,000	1,999	2,000	1,991	2,000	2,000	2,000	2,000	17.8	21.1	21.3	20.5	21.1	19.6	20.0	18.2	17.9	17.7	19.4	18.3	18.1	19.4	17.4
11/3 16:40	360	-6	1,992	1,290	1,963	2,001	1,995	2,005	1,999	1,981	2,000	1,998	2,008	2,001	1,975	2,000	2,000	18.4	22.5	22.8	21.7	22.0	21.5	19.9	18.4	18.0	21.0	19.7	18.7	18.5	17.4	17.7
11/3 16:50	1,249	1,842	1,979	1,304	1,863	1,948	1,891	1,916	1,958	1,891	1,958	1,816	1,930	2,000	1,965	2,000	2,000	21.4	23.1	24.6	22.6	23.7	24.0	25.6	20.7	21.2	21.1	22.0	21.5	19.4	20.3	21.4
11/3 17:00	1,461	1,994	1,978	1,996	1,932	1,834	1,791	1,968	1,980	1,953	1,881	1,924	1,977	2,000	1,952	2,000	2,000	22.6	23.3	24.5	22.6	25.4	25.6	26.8	20.7	19.7	20.8	21.4	19.2	19.6	20.4	21.1
11/3 17:10	1,999	1,999	1,962	1,790	1,683	1,823	1,769	1,956	2,000	1,903	1,955	1,998	2,000	2,000	1,952	2,000	2,000	22.1	23.0	24.9	26.8	27.2	26.1	26.5	20.7	18.2	20.7	19.2	18.6	17.7	19.4	20.5
11/3 17:20	985	981	975	888	137	262	64	1,870	1,988	1,869	1,339	1,869	1,717	2,001	1,978	2,000	2,000	26.3	27.7	28.2	26.7	29.0	28.1	29.2	21.7	20.6	21.7	21.6	21.3	22.0	21.0	20.7
11/3 17:30	1,441	611	-16	302	-26	1,133	459	481	760	1,234	-19	342	-21	1,543	93	2,000	2,000	25.4	23.7	27.8	26.1	28.4	26.8	27.3	24.9	22.6	23.6	24.7	23.7	22.9	23.6	23.5
11/3 17:40	588	2,000	1,425	-2	-25	1,791	1,714	-13	-18	-19	-9	-9	668	-18	667	2,000	2,000	24.4	23.3	26.1	25.6	26.8	26.8	26.9	24.4	22.9	25.3	23.6	24.5	23.2	23.8	24.1
11/3 17:50	-1	1,896	1,864	-1	241	1,664	1,774	966	1,761	-9	40	301	819	9	302	2,000	2,000	23.6	24.7	25.5	25.7	26.5	27.4	26.4	23.3	22.0	23.1	23.5	21.6	21.5	22.0	22.8
11/3 18:00	0	1,922	1,771	-1	1,763	1,364	1,874	874	1,975	1,378	2,004	2,014	1,999	0	1,853	2,000	2,000	23.4	24.5	26.9	26.3	26.4	32.9	24.8	21.4	20.9	21.8	19.4	18.1	18.5	20.7	22.0
11/3 18:10	0	1,953	1,661	-1	1,728	1,364	1,624	1,166	1,845	710	959	1,816	1,852	-1	764	2,000	2,000	24.7	23.8	27.6	25.1	26.8	32.9	27.7	23.8	22.4	24.3	22.8	22.5	22.0	22.2	22.2
11/3 18:20	0	1,902	523	-1	113	1,364	408	-11	1,962	-9	-10	-3	1,890	0	1,853	2,000	2,000	23.5	24.8	26.4	26.7	27.7	32.9	27.3	22.7	19.8	22.8	22.5	23.6	22.0	22.3	21.7
11/3 18:30	0	1,999	2,001	0	1,376	1,364	1,143	1,379	2,000	801	1,601	1,729	1,999	0	1,984	2,000	2,000	21.5	21.5	22.3	22.2	22.7	32.9	21.1	20.6	18.7	19.2	21.2	19.4	19.2	19.2	19.6
11/3 18:40	0	2,000	2,000	0	2,000	1,364	2,000	1,999	2,000	2,000	1,999	2,000	2,000	0	1,999	2,000	2,000	18.2	17.9	18.3	17.8	18.7	32.9	19.6	19.0	17.3	18.8	19.1	18.0	16.8	17.1	16.6
11/3 18:50	-2	2,000	2,000	-1	2,000	1,364	2,000	2,000	1,999	2,000	2,000	2,000	2,000	0	2,001	2,000	2,000	15.0	18.1	19.3	17.0	19.7	32.9	22.0	17.1	16.2	16.4	15.7	16.3	15.6	16.5	16.8
11/3 19:00	1,843	1,997	1,999	1,668																												

11/3 21:20	1,950	0	1,971	1,923	1,920	1,363	1,756	1,960	1,970	1,378	790	-3	1,903	1,534	968	23.8	25.0	24.7	24.7	25.2	32.9	26.6	21.0	20.6	23.0	24.6	23.2	21.6	23.2	22.2
11/3 21:30	1,981	0	1,942	1,902	1,748	1,363	1,825	774	1,811	-22	368	-3	1,992	130	-21	23.6	24.6	24.5	25.3	26.8	32.9	25.7	22.8	23.1	24.9	23.0	21.5	20.8	21.0	22.9
11/3 21:40	1,826	0	1,976	1,907	1,885	1,363	1,931	1,824	1,991	-10	-7	-3	1,795	2,010	1,597	25.3	25.3	23.3	24.3	25.5	32.9	25.3	23.1	20.9	22.7	23.9	22.5	22.8	22.8	20.6
11/3 21:50	1,970	0	1,905	1,077	1,868	1,363	1,892	1,808	1,933	1,052	-6	-3	1,810	2,000	1,925	23.2	23.9	25.3	25.5	26.0	32.9	25.7	22.8	21.8	22.4	23.2	24.6	22.0	20.8	21.6
11/3 22:00	82	0	1,888	59	1,865	1,363	1,882	1,877	1,808	511	481	-4	1,897	1,794	1,781	24.9	24.9	25.9	25.1	25.9	32.9	24.7	22.7	22.9	24.9	23.7	25.1	20.9	23.8	23.2
11/3 22:10	-1	0	1,974	1,025	1,815	1,363	1,918	1,992	1,946	-9	829	-4	1,971	899	1,950	23.0	23.6	23.6	24.6	25.9	32.9	25.0	21.0	22.3	23.9	22.8	24.5	19.1	20.3	20.7
11/3 22:20	-1	0	1,974	-3	1,928	1,363	1,981	1,813	1,954	-8	1,731	305	1,947	1,995	663	20.8	22.1	22.7	23.4	24.5	32.9	21.3	22.3	20.2	23.3	22.6	21.4	21.1	22.1	21.8
11/3 22:30	-1	0	2,000	-2	2,000	1,363	2,000	1,992	1,999	75	2,003	2,006	2,000	2,000	953	21.4	22.3	21.4	21.4	22.4	32.9	20.8	20.5	19.2	21.8	20.4	20.2	20.3	20.5	20.3
11/3 22:40	-1	0	2,000	-2	1,980	1,363	2,000	1,974	2,001	1,961	1,871	1,999	2,000	2,000	1,937	21.3	22.4	22.2	22.1	23.5	32.9	22.2	21.4	19.4	22.0	22.5	20.0	20.2	20.9	21.5
11/3 22:50	-2	0	2,001	-2	1,994	1,363	1,996	1,883	1,987	1,897	1,841	1,995	2,001	1,999	1,989	21.1	23.2	21.9	22.8	23.6	32.9	23.6	21.9	20.7	22.5	22.5	21.4	20.0	21.3	20.6
11/3 23:00	-2	0	2,000	-2	1,949	1,363	2,000	1,647	1,942	1,925	1,973	1,634	2,000	2,002	1,936	21.1	23.0	21.7	22.9	24.6	32.9	22.2	23.9	22.1	21.6	21.7	21.3	19.9	20.3	21.3
11/3 23:10	-2	0	1,988	-2	1,963	1,363	2,000	1,952	2,000	1,933	1,914	996	1,962	2,000	1,964	20.8	23.3	24.0	22.6	23.7	32.9	22.1	21.6	21.3	22.2	22.1	21.4	21.6	21.8	21.2
11/3 23:20	-2	0	2,000	-2	1,995	1,363	2,000	2,002	1,960	1,909	964	1,989	1,999	2,000	1,972	21.9	21.6	21.7	20.6	22.9	32.9	22.1	20.5	21.1	22.3	24.6	20.6	20.9	21.3	22.0
11/3 23:30	-2	0	2,001	-2	1,999	1,363	2,000	1,994	2,003	1,924	371	1,959	1,969	2,001	1,954	17.4	21.1	20.2	21.0	19.9	32.9	18.1	20.4	20.5	22.2	21.9	21.4	21.0	20.4	20.8
11/3 23:40	-2	0	1,997	-2	1,227	1,363	1,995	1,995	1,938	1,998	1,918	1,915	2,000	2,001	1,999	15.9	17.8	16.6	17.3	18.5	32.9	15.7	19.6	20.0	20.4	22.1	20.0	19.0	20.3	19.7
11/3 23:50	-2	0	2,004	-2	-1	1,363	1,899	2,000	1,999	1,969	1,940	1,999	2,001	2,000	2,000	16.7	18.6	18.1	17.7	16.4	32.9	15.6	19.6	18.1	22.0	20.6	17.8	19.6	20.6	17.9
11/4 0:00	-2	0	1,984	-2	-1	1,363	1,841	1,994	1,991	1,957	1,949	2,000	1,999	2,000	1,998	15.0	18.0	15.2	16.3	17.5	32.9	13.1	20.3	19.8	21.2	21.2	18.9	18.3	18.9	19.6
11/4 0:10	-2	0	2,003	-2	-1	1,363	1,786	2,001	2,001	1,074	1,964	2,000	1,999	2,001	2,000	15.0	17.2	15.9	15.4	18.4	32.9	13.1	19.9	19.7	20.2	21.6	18.6	16.7	18.2	19.2
11/4 0:20	-2	0	2,000	-2	-1	1,363	2,021	1,989	1,992	1,582	1,941	521	2,000	2,000	1,999	14.4	19.0	16.8	15.5	18.1	32.9	17.8	20.3	20.5	22.0	20.7	20.0	18.8	16.5	19.3
11/4 0:30	-2	0	2,000	-2	-1	1,363	2,000	2,000	840	1,979	671	-1	1,021	2,001	2,000	16.8	17.4	18.6	15.9	17.2	32.9	16.0	19.8	20.6	20.4	22.1	19.3	19.1	18.3	19.7
11/4 0:40	-2	-1	1,976	-2	-2	1,363	1,804	2,000	1,826	2,000	2,014	-1	-1	2,000	2,000	13.7	17.2	14.3	13.6	16.2	32.9	12.6	18.8	19.3	19.2	19.1	19.5	17.2	17.5	16.9
11/4 0:50	-2	-1	2,004	-2	-2	1,363	1,639	1,999	2,001	2,000	1,999	-1	-1	2,001	2,000	13.9	13.1	14.7	14.8	14.9	32.9	11.8	18.3	17.2	17.3	20.8	16.4	17.3	16.5	15.9
11/4 1:00	-2	-1	1,906	-2	-2	1,363	1,686	1,999	2,000	1,999	1,833	-1	-1	2,000	1,999	13.4	14.8	13.6	13.4	15.1	32.9	11.8	16.6	17.4	17.3	19.1	17.0	17.2	15.2	16.9
11/4 1:10	-2	-1	1,979	-1	-2	1,363	1,412	2,000	1,996	1,999	859	-1	-1	2,001	2,000	13.8	14.1	13.6	13.7	13.9	32.9	10.1	17.4	19.3	18.3	19.5	17.9	16.9	16.2	16.5
11/4 1:20	-2	-1	1,917	-1	-2	1,363	1,631	2,000	2,000	2,001	1,999	-1	-2	1,999	2,000	12.3	14.2	13.2	14.1	13.9	32.9	11.2	18.0	17.5	17.9	19.1	17.2	15.8	14.9	14.4
11/4 1:30	-2	-1	1,985	-1	-2	1,363	1,890	2,000	2,000	1,999	2,000	-1	-2	2,001	1,999	11.7	13.3	12.4	13.2	12.2	32.9	13.7	15.4	18.0	18.2	17.0	16.1	16.1	14.7	14.4
11/4 1:40	-2	-1	1,829	-1	-2	1,363	1,646	2,000	2,000	2,001	2,000	-1	-2	1,999	2,002	11.6	12.5	11.8	13.5	11.7	32.9	12.0	16.9	17.2	15.7	16.6	15.5	15.1	14.6	14.2
11/4 1:50	-2	-1	1,701	-1	-2	1,363	1,606	2,001	2,001	1,999	1,999	-1	-2	2,002	1,999	12.3	12.5	11.0	12.1	11.6	32.9	11.4	17.0	15.9	16.2	15.6	15.5	13.3	15.0	14.5
11/4 2:00	-2	-1	1,690	-1	-2	1,363	1,684	2,000	2,000	2,000	2,000	-1	-2	1,998	2,001	11.6	12.1	11.0	11.6	11.4	32.9	11.0	15.8	15.4	15.6	14.9	14.1	12.4	12.6	13.4
11/4 2:10	-2	-1	1,645	-1	-2	1,356	1,646	2,000	2,001	2,000	1,999	-1	-2	2,002	1,988	11.5	13.2	11.2	11.7	11.5	32.7	10.7	14.0	14.9	15.6	13.9	14.5	11.8	12.7	11.6
11/4 2:20	-2	-1	1,715	-1	-2	1,327	1,739	1,999	1,999	2,000	2,000	-1	-2	1,999	2,005	11.3	13.3	11.4	11.6	12.3	32.0	11.3	13.4	14.8	15.3	14.3	12.7	12.8	13.4	12.4
11/4 2:30	-2	-1	1,744	-1	-2	1,298	1,460	2,001	2,000	2,000	2,000	-1	-2	1,923	1,999	11.2	11.2	10.8	11.6	11.7	31.3	10.1	13.1	13.9	14.7	14.8	14.5	12.2	11.1	12.3
11/4 2:40	-2	-1	1,635	-2	-2	1,269	1,494	1,999	2,000	1,999	2,000	-1	-3	2,004	1,943	11.0	10.8	10.6	12.3	12.9	30.6	10.8	12.2	13.3	13.4	12.9	13.2	11.6	12.5	11.0
11/4 2:50	-2	-1	1,534	-2	-2	1,239	1,405	2,001	2,000	1,998	2,000	-1	-3	1,973	1,953	11.9	11.1	10.2	10.9	12.0	29.9	9.8	12.0	12.4	12.8	12.3	13.4	11.4	12.0	10.9
11/4 3:00	-2	-1	1,486	-2	-2	1,210	1,797	1,982	2,000	1,990	2,000	-2	-3	1,956	1,968	9.6	12.4	9.7	10.6	12.1	29.2	11.4	11.7	12.1	11.6	13.5	12.8	10.9	11.2	11.2
11/4 3:10	-2	-1	1,031	-2	-2	1,181	1,104	1,627	1,925	1,720	1,791	-2	-3	1,739	1,603	8.7	9.7	8.4	8.0	10.1	28.5	8.9	9.4	10.6	9.5	10.7	10.1	9.4	10.1	9.2
11/4 3:20	-3	-1	1,330	-2	-3	1,151	1,389	1,657	1,618	1,305	1,629	-2	-3	1,173	1,071	10.6	11.3	9.4	11.0	11.4	27.8	10.2	9.2	9.6	8.3	9.6	7.5	7.2	7.9	7.9
11/4 3:30	-3	-1	1,473	-2	-3	1,122	1,666	1,356	1,592	1,640	1,513	-2	-3	1,755	1,928	11.1	12.9	10.0	11.6	12.2	27.1	11.1	8.9	8.9	9.2	9.0	7.9	9.5	10.1	10.2
11/4 3:40	-3	-1	1,810	-2	-3	1,093	1,937	1,656	1,983	1,888	1,880	-2	-3	1,524	1,658	11.3	13.0	11.5	11.9	13.3	26.4	12.0	9.5	10.9	10.3	10.2	9.4	8.5	9.2	9.3
11/4 3:50	-3	-1	1,624	-2	-3	1,063	2,014	1,789	1,921	1,921	1,899	-2	-3	1,470	1,608	11.3	11.6	10.3	11.0	12.3	25.7	12.8	9.8	10.3	10.5	10.6	9.8	8.7	8.9	9.0
11/4 4:00	-3	-2	1,740	-2	-3	946	1,860	1,613	1,477	1,652	1,713	-3	-4	1,443	1,495	11.3	12.2	10.7	11.8	12.8	22.8	12.4	9.3	8.9	9.5	9.7	9.3	8.7	8.9	8.9
11/4 4:10	-4	-2	1,775	-2	-3	828	1,977	1,426	1,091	1,172	1,535	-3	-4	1,138	1,429	11.0	13.0	11.1	11.1	13.5	20.0	13.1	8.7	8.0	7.9	9.0	9.4	9.0	8.0	8.8
11/4 4:20	-4	-2	1,931	-3	-3	799	1,998	1,730	1,267	1,252	1,870	-3	-5	1,132	1,119	11.1	13.4	11.4	12.2	13.3	19.3	13.5	9.4	8.2	8.1	9.9	8.7	7.5	8.1	7.7
11/4 4:30	-4	-2	1,958	-3	-4	770	1,983	1,219	1,360	1,428	1,545	-3	-5	1,167	1,077	12.5	13.4	11.4	12.2	12.2	18.6	12.7								

11/4 6:10	-5	-2	2,008	-3	-6	476	1,909	813	504	752	1,094	501	770	1,403	1,494	10.8	13.4	11.8	11.2	12.3	11.5	12.0	7.1	6.2	6.8	7.6	8.3	7.2	8.6	8.7
11/4 6:20	-6	-2	1,992	-3	-2	447	1,816	1,085	629	914	1,011	1,315	1,271	1,099	1,795	10.3	12.7	11.6	10.9	11.9	10.8	12.1	7.9	6.8	7.4	7.6	8.3	8.2	7.7	9.4
11/4 6:30	-6	-2	1,811	-3	-2	417	1,908	1,699	899	1,606	1,394	1,541	1,616	1,908	2,017	11.7	12.1	10.7	11.4	12.9	10.1	12.1	9.4	7.3	9.4	8.4	8.8	8.9	10.0	10.3
11/4 6:40	-6	-2	1,672	-3	-2	388	1,831	1,690	1,120	1,385	1,572	1,239	1,326	1,347	1,877	11.9	12.4	10.4	10.9	12.6	9.4	11.7	9.4	8.0	8.6	8.8	8.0	8.3	8.4	9.5
11/4 6:50	-6	-2	1,814	-4	-2	359	1,803	1,545	945	1,267	1,331	1,432	1,022	1,450	1,527	11.4	12.1	10.7	9.9	11.1	8.7	11.2	9.0	7.4	8.2	8.3	8.5	7.5	8.6	8.6
11/4 7:00	-6	-2	1,997	-4	-3	329	1,789	1,635	1,337	1,305	1,434	1,503	1,139	1,529	1,932	11.7	12.0	11.4	12.1	11.2	7.9	10.6	9.2	8.4	8.2	8.5	8.7	8.1	8.9	9.6
11/4 7:10	-6	-2	1,979	-4	-3	300	1,985	1,963	1,179	1,204	1,558	1,629	1,422	1,634	1,921	11.4	12.4	11.3	11.9	11.9	7.2	11.3	10.1	8.0	8.1	8.9	9.2	8.6	9.0	9.6
11/4 7:20	-6	-3	1,916	-4	-3	270	1,773	1,921	1,297	1,615	1,716	1,428	1,249	1,602	1,708	11.2	12.5	11.1	10.8	12.0	6.5	10.7	10.1	8.4	9.3	9.4	8.4	8.0	9.1	9.3
11/4 7:30	-6	-3	1,991	-4	-3	241	1,871	1,861	1,478	1,810	1,504	1,520	1,466	1,662	1,746	10.8	12.9	11.8	11.6	12.7	5.8	11.8	10.0	8.7	9.6	8.7	8.9	8.7	9.2	9.2
11/4 7:40	-6	-3	1,973	-4	-4	212	2,010	1,981	1,416	1,742	1,517	1,470	1,462	1,574	1,619	11.3	13.4	11.4	11.4	12.0	5.1	12.2	10.1	8.6	9.5	8.8	8.8	8.7	9.1	8.8
11/4 7:50	-7	-3	1,984	-4	-4	182	1,925	1,714	1,546	1,675	1,890	1,575	1,423	1,461	1,648	10.2	12.3	11.5	11.5	12.4	4.4	11.5	9.4	9.0	9.4	9.9	8.9	8.7	9.0	8.9
11/4 8:00	-7	-3	1,931	-4	-4	153	1,870	2,012	1,723	1,569	1,632	1,727	1,374	1,681	1,793	11.4	11.5	11.0	11.9	12.4	3.7	11.3	10.7	9.6	9.0	9.1	9.5	8.4	9.4	9.5
11/4 8:10	-7	-3	2,005	-4	-4	124	1,952	1,976	1,698	2,010	1,946	1,496	1,430	1,718	1,514	11.9	13.4	11.7	12.7	12.9	3.0	12.2	10.6	9.2	10.5	10.2	8.9	8.6	9.7	8.7
11/4 8:20	-7	-3	1,930	-4	-5	94	2,012	2,001	1,976	1,825	1,934	1,840	1,798	1,975	1,824	12.4	13.1	11.6	11.7	12.8	2.3	13.2	11.1	10.4	9.8	10.1	9.9	9.5	10.8	9.7
11/4 8:30	-7	-3	1,732	-4	-5	65	2,002	2,000	2,001	1,695	1,880	1,809	1,781	1,635	1,739	11.5	13.5	10.3	11.9	12.7	1.6	12.9	11.0	10.6	9.2	10.1	9.5	9.5	9.5	9.6
11/4 8:40	-7	-3	1,774	-4	-5	36	1,879	1,862	1,670	1,846	1,973	1,957	1,700	1,857	1,740	11.5	12.2	10.5	11.1	11.9	0.9	11.6	10.2	9.4	9.8	10.4	10.2	9.5	10.3	9.4
11/4 8:50	-7	-3	1,862	-4	-5	3	1,990	1,904	1,861	1,598	1,745	1,558	1,334	1,566	1,649	11.5	12.8	11.3	13.4	14.0	3.8	12.6	10.0	9.7	9.2	9.5	8.9	8.6	9.2	9.2
11/4 9:00	-7	-3	1,984	-5	582	1,284	1,833	1,437	1,441	1,314	1,689	1,546	1,132	1,379	1,328	11.2	13.1	11.7	11.7	12.0	11.4	11.6	8.9	8.7	8.2	9.3	9.0	7.9	8.4	8.3
11/4 9:10	-8	558	1,976	1,280	1,598	1,597	1,865	1,487	1,633	1,395	1,581	1,352	1,032	1,662	1,559	11.6	13.0	11.8	10.5	10.5	10.6	11.6	8.8	9.3	8.7	9.1	8.4	7.6	9.4	9.0
11/4 9:20	-8	1,817	1,946	1,830	1,734	1,494	1,264	1,369	1,395	1,160	1,311	1,339	1,173	1,508	1,703	12.2	12.8	11.4	11.3	10.7	9.9	9.2	8.7	8.7	8.1	8.4	8.3	8.0	9.0	9.6
11/4 9:30	-8	1,861	1,783	1,601	1,760	1,604	1,326	1,525	1,627	1,663	1,681	1,153	845	1,024	1,323	10.8	12.4	10.5	10.4	11.0	10.4	9.6	9.1	9.2	9.2	9.2	7.9	7.3	7.6	8.3
11/4 9:40	-8	1,801	1,833	1,692	1,610	1,372	1,350	1,671	1,424	1,523	1,592	1,589	1,483	1,374	1,619	10.6	12.1	11.0	10.2	10.5	9.5	10.6	9.3	8.5	8.9	9.0	9.1	8.8	8.5	9.1
11/4 9:50	0	956	1,133	988	1,039	1,014	815	1,069	838	567	609	1,156	1,354	1,227	1,634	8.5	9.0	8.4	8.2	9.1	7.9	7.9	7.8	7.3	6.3	6.5	7.9	8.5	8.2	8.9
11/4 10:00	1,189	1,104	849	536	733	508	728	1,264	652	594	892	1,031	783	18	1,391	8.4	9.1	7.8	6.6	7.9	7.0	7.8	8.4	6.8	6.5	7.2	7.7	7.0	8.4	8.4
11/4 10:10	702	577	879	657	611	-8	636	1,757	1,280	1,430	1,313	1,219	1,150	3	1,207	7.1	7.1	7.6	7.2	7.2	6.8	7.5	9.6	8.4	8.9	8.4	8.2	8.1	8.6	8.0
11/4 10:20	540	564	839	909	994	-10	855	1,555	1,134	1,371	1,638	1,522	1,315	656	1,047	6.5	7.5	7.7	8.0	8.8	6.7	8.0	8.8	7.9	8.5	9.2	8.9	8.3	8.3	7.6
11/4 10:30	914	881	777	611	766	-13	1,010	748	863	1,080	1,141	1,166	1,075	1,123	1,094	8.3	8.3	7.2	6.6	8.2	6.6	8.8	6.8	7.2	7.9	8.0	8.0	7.7	7.8	7.8
11/4 10:40	986	1,026	591	609	830	-15	1,211	844	877	1,196	1,425	983	838	1,027	933	8.2	8.9	6.5	6.4	7.7	6.5	9.6	7.4	7.3	8.0	8.7	7.7	7.2	7.6	7.4
11/4 10:50	861	1,014	846	672	793	-18	1,079	1,066	891	1,189	1,237	939	602	661	742	8.2	8.8	7.7	7.0	8.0	6.3	9.1	7.8	7.5	8.1	8.3	7.5	6.5	6.3	6.8
11/4 11:00	881	951	877	604	643	-20	1,080	715	561	772	966	851	655	588	635	7.4	8.5	7.4	6.4	7.2	6.2	9.0	6.9	6.4	7.1	7.4	7.1	6.9	6.2	6.5
11/4 11:10	538	526	592	504	514	123	475	1,149	851	664	766	701	565	661	906	6.2	6.6	6.6	6.5	6.8	6.3	6.4	8.2	7.4	6.7	7.0	6.9	6.4	6.4	7.3
11/4 11:20	462	555	649	506	543	477	455	768	610	722	652	622	495	609	803	5.8	6.8	6.6	6.1	6.4	6.7	6.5	6.9	6.4	6.6	6.7	6.4	5.8	5.8	7.0
11/4 11:30	483	483	456	295	266	249	329	442	292	437	326	255	311	386	552	5.6	6.7	5.9	5.1	5.2	5.1	5.7	5.9	5.3	6.1	5.4	5.1	5.3	5.3	6.3
11/4 11:40	184	214	244	208	158	222	381	486	250	450	405	364	369	363	520	4.1	5.1	4.8	4.7	4.5	4.8	6.0	6.1	5.0	5.9	5.7	5.5	5.7	5.0	6.1
11/4 11:50	261	275	280	275	249	304	397	275	82	374	315	289	213	234	284	5.3	6.0	5.0	5.1	5.3	5.5	6.0	5.3	4.4	5.6	5.3	5.3	4.8	4.5	5.3
11/4 12:00	124	202	223	144	164	296	437	315	3	333	330	314	305	21	384	4.2	5.4	4.8	4.0	4.4	5.4	6.1	5.4	4.9	5.5	5.7	5.5	5.6	5.3	5.9
11/4 12:10	162	189	-16	136	157	183	281	325	306	272	257	219	191	-4	143	4.6	5.2	5.4	4.2	4.7	4.8	5.3	5.4	5.4	5.0	4.9	4.9	4.8	4.3	4.1
11/4 12:20	329	231	263	202	273	354	450	350	379	416	445	318	292	286	258	5.3	5.5	5.1	4.9	5.4	5.7	6.2	5.7	5.7	5.7	6.0	5.3	5.2	4.8	5.2
11/4 12:30	294	301	389	359	279	301	336	376	251	259	283	85	109	153	145	5.5	6.1	5.7	5.6	5.3	5.5	5.8	5.6	5.0	5.1	5.1	4.3	4.0	3.8	4.2
11/4 12:40	265	364	383	293	227	296	374	163	164	180	194	-13	126	129	96	5.1	6.2	5.6	5.0	4.8	5.6	5.6	4.4	4.3	4.5	4.6	4.3	4.1	3.7	3.7
11/4 12:50	152	230	142	128	94	96	123	74	120	101	48	-10	45	75	70	4.5	5.3	4.3	3.9	3.6	4.2	3.9	4.1	4.1	3.9	3.2	3.5	3.5	3.4	3.5
11/4 13:00	115	153	186	98	11	-28	50	-20	103	60	44	14	77	63	49	3.7	4.6	4.4	3.4	2.4	3.3	3.1	4.8	4.1	3.5	3.1	3.1	3.8	3.2	3.2
11/4 13:10	64	18	31	-9	-13	-21	40	13	0	1	-11	-4	-11	14	13	3.2	3.2	2.8	2.3	2.2	2.7	2.9	3.1	2.2	2.6	2.1	2.6	2.6	2.6	2.8
11/4 13:20	6	-3	38	9	13	33	98	21	-9	-1	-10	0	15	19	25	2.2	3.2	3.0	2.8	2.7	3.1	3.5	3.1	3.1	2.7	2.7	2.7	2.9	2.6	2.9
11/4 13:30	42	30	35	30	66	69	109	111	40	76	57	44	107	84	42	3.0	3.3	2.8	2.7	3.6	3.5	4.0	4.1	3.5	3.7	3.6	3.8	4.0	3.2	3.2
11/4 13:40	95	109	91	71	36	35	48	44	26	48	27	-3	-5	-5	-19	3.3	4.2	3.4	3.3	2.8	3.1	2.8	3.4	2.9	3.3	2.7	2.5	2.5		

11/4 15:00	-6	-19	-9	-9	-23	-8	-9	-9	-5	-8	-8	-9	-8	-4	-19	1.7	2.1	1.9	1.4	1.9	2.1	1.9	2.4	2.1	2.3	2.1	1.7	2.1	1.5	1.3
11/4 15:10	-5	-20	-8	-8	-23	-9	-8	-14	-5	-8	-8	-8	-8	-5	-18	1.8	1.9	2.0	1.8	1.8	2.0	2.1	2.8	2.6	2.5	2.2	1.9	1.4	1.4	2.0
11/4 15:20	-4	-20	-8	-8	-22	-6	-8	-11	-6	-9	-7	-8	-9	-5	-19	1.5	1.9	2.1	2.1	2.0	1.6	1.4	2.1	2.1	1.6	1.6	1.7	1.5	1.4	1.9
11/4 15:30	-4	-20	-8	-8	-22	-4	-7	-11	-5	-10	-8	-8	-9	-4	-19	1.5	1.2	1.4	1.1	1.7	1.5	1.7	2.0	1.7	1.8	1.6	1.4	1.4	1.4	2.0
11/4 15:40	-5	-19	-8	-8	-23	-4	-7	-11	-4	-8	-8	-8	-8	-4	-20	1.5	1.4	1.4	1.6	1.7	1.9	2.0	1.7	1.2	1.0	1.5	1.3	1.6	1.6	2.2
11/4 15:50	-5	-20	-8	-8	-23	-4	-7	-11	-5	-8	-9	-9	-10	-4	-19	1.5	1.4	1.4	1.3	1.3	1.4	1.7	1.4	1.4	1.1	1.3	1.3	1.6	1.6	2.2
11/4 16:00	-5	-21	-7	-8	-23	-4	-7	-10	-6	-9	-9	-7	-9	-5	-18	1.3	1.5	1.5	1.3	1.2	1.2	1.3	1.0	1.0	0.9	0.6	0.6	0.7	1.1	1.8
11/4 16:10	-5	-20	-8	-5	-23	-4	-6	-11	-5	-8	-7	-5	-9	-5	-16	1.3	1.2	1.5	1.2	1.4	1.7	1.7	1.3	0.9	0.7	0.9	0.9	1.0	1.1	1.1
11/4 16:20	-5	-19	-8	-5	-23	-4	-6	-11	-6	-7	-7	-6	-9	-5	-15	1.0	0.9	1.4	1.3	1.4	1.9	1.3	1.6	1.0	1.2	1.5	0.8	0.5	0.8	0.5
11/4 16:30	-6	-17	-8	-5	-23	-5	-6	-9	-4	-5	-6	-6	-9	-3	-16	1.4	0.9	1.5	1.3	1.7	1.9	1.5	1.8	1.4	1.6	1.7	1.0	0.7	1.1	0.9
11/4 16:40	-6	-16	-8	-5	-23	-5	-6	-7	-4	-5	-6	-4	-7	-4	-17	2.6	1.8	2.3	2.2	2.6	2.5	2.5	2.4	1.8	2.1	2.1	1.8	1.4	1.9	2.5
11/4 16:50	-6	-15	-8	-5	-24	-6	-4	-7	-4	-5	-6	-4	-7	-4	-16	2.8	2.0	2.7	2.6	2.8	2.9	3.1	2.5	2.2	2.4	2.8	2.4	2.3	2.5	3.0
11/4 17:00	-6	-15	-9	-6	-24	17	27	-8	-4	-5	-5	-4	-6	-4	-17	3.0	2.5	3.0	2.9	2.9	2.8	2.9	2.5	2.4	2.5	2.8	2.6	2.5	2.3	3.1
11/4 17:10	-5	-15	-11	-2	-26	32	31	-8	-4	-4	-5	-5	-6	-3	-16	3.1	2.9	3.5	2.5	3.7	3.0	3.0	2.5	2.4	2.6	2.7	2.7	2.6	2.2	3.2
11/4 17:20	-6	-15	-9	-1	-28	30	32	-8	-4	-5	-5	-5	-6	-4	-17	3.4	3.1	3.2	2.4	3.6	2.9	3.2	1.6	1.8	1.9	1.6	1.8	1.8	1.6	2.5
11/4 17:30	13	-15	24	50	22	57	55	-8	-5	-5	-6	-6	-5	-4	-15	3.6	3.5	3.2	3.4	3.7	3.5	3.4	2.3	2.2	2.5	2.5	2.3	2.3	2.1	2.8
11/4 17:40	53	-15	66	70	56	78	69	-9	-5	-5	-7	-6	-5	-5	-16	3.5	3.6	3.5	3.6	3.6	3.8	3.6	2.6	2.6	2.8	3.0	2.8	2.5	2.5	3.4
11/4 17:50	65	-15	75	90	90	94	91	-9	-5	-8	7	-8	-7	-6	-17	3.5	3.7	3.7	4.0	4.2	4.1	3.9	2.6	2.6	3.0	3.3	3.2	3.1	3.1	3.8
11/4 18:00	94	-15	94	109	105	108	91	-12	-8	12	42	12	-10	7	8	3.9	3.7	4.0	4.2	4.3	4.3	4.0	3.4	3.3	3.4	3.6	3.2	3.3	3.3	3.7
11/4 18:10	113	-16	128	139	119	107	83	62	55	54	73	43	-10	55	48	4.3	3.4	4.5	4.7	4.7	4.3	4.1	3.7	4.0	3.8	3.9	3.4	3.8	3.4	3.7
11/4 18:20	171	-15	157	169	155	144	135	121	138	139	174	129	5	113	103	5.0	2.8	4.8	5.0	5.2	4.9	4.7	4.4	4.6	4.6	4.8	4.3	4.6	4.1	4.4
11/4 18:30	205	-15	176	194	175	164	151	98	103	115	144	86	62	97	97	5.3	2.7	4.9	5.3	5.3	4.9	4.7	4.2	4.2	4.3	4.6	3.8	3.8	4.0	4.4
11/4 18:40	232	-15	196	223	211	194	169	116	100	96	156	109	85	124	129	5.5	2.9	4.9	5.4	5.4	5.3	5.0	4.4	4.3	4.2	4.7	4.2	4.3	4.2	4.6
11/4 18:50	246	-15	210	220	220	198	181	156	121	119	211	157	103	153	165	5.4	3.1	4.8	5.2	5.5	5.4	5.3	4.6	4.5	4.4	5.0	4.7	4.3	4.5	5.0
11/4 19:00	355	-15	330	340	322	290	264	215	211	208	299	230	184	231	253	6.0	3.7	5.7	6.0	6.3	6.0	5.9	5.0	5.2	5.1	5.5	5.2	5.0	5.0	5.6
11/4 19:10	337	28	343	357	290	258	223	215	220	214	326	246	219	266	283	5.9	4.9	6.0	6.1	6.1	5.7	5.6	5.0	5.2	5.1	5.6	5.4	5.2	5.4	6.0
11/4 19:20	443	405	464	491	401	371	320	296	348	321	427	366	313	343	387	6.7	6.4	6.7	7.1	6.7	6.5	6.5	5.5	6.1	5.7	6.1	5.7	5.8	5.8	6.4
11/4 19:30	319	272	287	290	269	242	220	380	391	319	383	310	246	296	322	6.2	5.4	5.3	5.8	5.8	5.6	5.5	5.8	6.2	5.5	5.8	5.5	5.3	5.3	5.7
11/4 19:40	317	257	315	360	303	286	261	245	273	270	329	238	187	196	231	6.1	5.4	6.0	6.4	6.1	5.9	5.7	5.2	5.5	5.5	5.7	5.2	5.0	4.7	5.3
11/4 19:50	312	301	353	399	272	244	205	335	397	435	505	326	290	281	321	6.2	5.7	6.6	6.7	5.9	5.6	5.3	5.6	6.2	6.1	6.4	5.6	5.7	5.5	6.2
11/4 20:00	401	410	420	455	308	286	270	256	400	405	509	452	365	330	361	6.7	6.6	6.8	6.9	6.3	6.0	6.0	5.3	6.3	6.0	6.6	6.2	6.2	5.7	6.0
11/4 20:10	460	437	479	474	302	273	258	353	473	480	639	553	494	515	547	6.9	6.7	7.0	7.0	6.1	5.8	5.8	5.7	6.5	6.5	7.0	6.5	6.7	6.6	6.7
11/4 20:20	315	284	321	323	201	174	161	197	368	377	525	453	396	346	405	5.8	5.6	6.0	6.0	5.2	4.9	4.8	5.0	5.9	6.0	6.5	6.1	6.3	5.7	6.0
11/4 20:30	418	394	420	409	251	231	221	428	553	521	605	481	402	423	537	6.7	6.6	6.7	6.6	5.8	5.5	5.5	6.2	6.8	6.6	6.8	6.5	6.3	6.3	7.0
11/4 20:40	357	340	375	379	232	199	185	475	649	620	662	470	312	346	431	6.1	5.9	6.1	6.2	5.4	5.0	5.0	6.3	7.0	6.8	6.9	6.5	5.7	5.8	6.1
11/4 20:50	308	267	290	256	213	183	169	207	307	263	289	232	190	211	262	5.9	5.3	5.7	5.5	5.3	4.9	4.9	4.9	5.6	5.4	5.4	5.3	5.1	4.8	5.5
11/4 21:00	395	384	406	387	254	205	185	267	390	375	488	405	362	365	422	6.3	6.3	6.6	6.4	5.7	5.2	5.0	5.4	6.1	6.0	6.6	6.4	6.3	6.0	6.4
11/4 21:10	460	429	459	440	311	230	201	307	430	409	509	421	394	433	525	6.6	6.6	6.7	6.5	5.9	5.1	5.1	5.6	6.3	6.1	6.4	6.5	6.3	6.1	6.6
11/4 21:20	383	319	370	292	222	150	165	215	350	269	316	264	236	277	340	6.3	5.8	6.3	5.5	5.4	4.9	5.0	5.2	5.8	5.3	5.5	5.4	5.3	5.1	5.7
11/4 21:30	416	417	438	405	282	232	202	233	457	380	442	377	328	383	449	6.6	6.3	6.7	6.6	5.8	5.3	5.1	5.2	6.4	6.0	6.3	6.1	5.8	5.8	6.2
11/4 21:40	481	442	483	478	293	266	243	365	639	549	632	539	486	514	544	6.7	6.5	6.8	6.7	6.0	5.5	5.4	6.0	7.1	6.7	6.9	6.6	6.5	6.5	6.7
11/4 21:50	531	518	541	502	337	320	304	403	606	518	585	455	375	388	432	7.1	6.5	7.1	7.1	6.5	6.1	6.0	6.1	6.9	6.6	6.7	6.3	6.1	5.9	6.5
11/4 22:00	627	651	655	667	473	425	393	501	701	609	769	644	539	554	669	7.5	7.5	7.5	7.5	7.0	6.7	6.8	6.6	7.5	7.1	7.5	7.2	7.1	6.8	7.2
11/4 22:10	672	625	657	657	471	413	371	361	579	479	588	489	485	525	552	7.6	7.1	7.3	7.3	6.9	6.6	6.3	5.9	6.9	6.5	6.8	6.3	6.5	6.6	6.8
11/4 22:20	680	579	622	624	476	405	395	314	543	476	623	552	552	561	535	7.6	7.1	7.1	7.5	6.9	6.5	6.5	5.6	6.7	6.4	6.8	6.5	6.7	6.9	6.7
11/4 22:30	678	582	667	708	568	486	461	373	538	517	784	678	648	620	632	7.9	7.2	7.4	8.0	7.6	7.1	6.6	5.9	6.6	6.4	7.5	7.0	7.3	7.2	7.1
11/4 22:40	681	562	647	625	577	481	469	440	642	673	917	722	616	620	667	7.9	7.0	7.2	7.5	7.3	6.8	6.4	6.2	7.0	7.1	7.8	7.2	7.0	7.1	7.3
11/4 22:50	727	583	658	686	594	562	543	308	548	528	675	571	527	638	688	8.2	7.1	7.7	7.8	7.7	7.1	7.1	5.5	6.6	6.6	7.0	6.8	6.5	7.1	7.2
11/4 23:00	760	554	751	628	661	540	595	420	567	579	799	641	590	654	678	8.2	7.4	8.0	7.3	7.7	7.2	6.8	6.1	6.8	6.7	7.4	6.9	6.9	7.0	7.2
11/4 23:10	902	727	779	775	684	643	714	502	637	701	952	737	647	675	723	8.7	7.7	8.3												

11/4 23:50	1,383	1,176	1,436	1,046	1,200	1,073	965	955	1,152	934	1,315	1,064	911	791	759	10.2	9.2	9.8	9.1	9.8	9.0	8.8	7.7	8.4	7.6	8.4	8.2	7.7	7.0	6.9	
11/5 0:00	1,355	1,109	1,259	1,085	1,089	1,067	1,028	940	1,023	876	1,577	1,399	1,144	1,213	815	10.1	9.1	9.4	9.3	9.7	9.3	9.5	7.6	8.0	7.2	9.1	8.8	8.4	8.4	7.2	
11/5 0:10	1,350	1,030	1,275	981	1,276	1,259	1,156	1,348	1,433	1,444	1,994	1,467	938	1,129	973	10.0	8.7	9.4	8.8	10.3	9.6	9.7	8.6	8.7	8.7	10.3	8.9	7.8	8.1	7.7	
11/5 0:20	1,389	1,111	1,411	802	1,332	1,274	1,057	1,276	1,327	1,418	1,820	1,202	851	950	880	10.2	9.6	9.8	9.8	7.6	10.2	9.4	9.3	8.4	8.6	8.9	10.1	8.4	7.5	7.4	7.7
11/5 0:30	37	5	126	1	6	29	-1	10	0	1	5	0	-2	20	-3	10.6	10.8	10.7	10.7	10.3	9.3	8.9	8.6	9.1	9.2	10.7	9.1	8.1	8.5	8.4	
11/5 0:40	-4	-6	-4	-4	-6	-3	-4	-4	-4	-4	-4	-5	-5	-3	-5	10.9	11.3	11.1	11.2	10.4	9.6	9.0	8.6	9.3	9.0	10.8	9.4	8.4	8.1	6.9	
11/5 0:50	1,284	1,089	1,278	1,182	1,263	1,218	1,176	957	1,068	907	1,304	1,270	1,124	905	521	10.8	10.1	10.2	11.2	10.5	10.7	10.1	8.4	8.8	8.1	9.3	9.3	8.9	8.0	6.6	
11/5 1:00	1,604	1,305	1,626	1,350	1,616	1,458	1,340	1,221	1,149	950	1,764	1,503	1,149	1,242	823	11.0	10.1	10.4	11.0	10.8	10.8	10.4	8.4	8.3	7.4	9.6	8.9	8.2	8.4	7.0	
11/5 1:10	1,588	1,278	1,580	1,175	1,615	1,484	1,258	1,706	1,413	1,624	2,013	1,935	1,355	1,700	1,091	10.9	9.9	10.2	9.8	10.8	10.8	11.0	9.2	8.7	9.1	10.9	9.9	8.5	9.7	7.6	
11/5 1:20	1,661	1,247	1,518	992	1,587	1,618	1,403	1,739	1,943	2,016	1,980	1,679	871	1,239	1,474	10.8	9.7	10.0	8.8	11.5	10.9	11.5	9.4	10.0	10.5	10.6	9.0	7.0	8.2	9.0	
11/5 1:30	1,857	1,562	1,762	1,295	1,831	1,757	1,451	1,656	2,000	1,951	1,963	1,523	795	1,676	1,723	11.2	10.4	10.4	9.8	12.0	11.2	11.2	9.3	10.6	9.9	10.1	8.7	6.9	9.6	10.0	
11/5 1:40	1,895	1,511	1,698	1,271	1,670	1,501	1,567	1,938	1,990	1,824	1,786	1,081	558	1,380	1,615	11.3	10.1	10.3	9.8	11.1	10.3	10.5	9.9	10.3	9.4	9.6	7.8	6.3	8.5	9.7	
11/5 1:50	1,899	1,579	1,780	1,603	1,691	1,565	1,455	1,498	2,005	1,845	1,474	777	348	549	624	11.4	10.4	10.6	11.2	11.9	11.1	11.0	8.8	10.3	9.8	8.9	7.3	5.5	6.0	6.6	
11/5 2:00	1,946	1,675	1,901	1,839	1,928	1,635	1,569	1,269	1,971	1,999	1,830	882	443	383	469	11.9	10.6	11.1	12.1	11.8	11.1	11.1	8.3	10.1	10.6	9.6	7.3	5.9	5.4	5.7	
11/5 2:10	2,017	1,829	2,021	1,965	2,015	1,757	1,673	1,257	1,820	1,497	2,018	1,571	697	362	414	12.4	11.3	11.4	11.7	12.1	11.5	11.4	8.2	9.5	8.5	10.7	9.3	6.9	5.1	5.7	
11/5 2:20	2,000	2,000	1,999	2,022	1,999	2,008	1,795	1,332	1,420	1,220	1,979	1,369	589	623	959	12.8	12.2	12.5	12.6	12.6	12.3	12.3	8.6	8.7	8.1	10.4	8.6	6.3	6.7	7.7	
11/5 2:30	1,999	2,000	1,999	2,000	1,999	2,000	1,874	1,031	1,312	965	1,948	1,634	680	527	1,503	13.7	12.9	13.4	12.9	12.8	12.7	13.1	7.7	8.5	7.4	10.1	9.1	6.5	5.9	9.0	
11/5 2:40	1,999	2,000	2,000	1,999	1,999	1,999	2,009	630	1,243	1,412	1,874	835	400	848	1,817	13.8	13.4	13.7	11.4	13.9	12.8	13.1	6.5	8.2	8.6	9.8	7.0	5.6	7.0	9.9	
11/5 2:50	1,999	1,999	1,999	1,999	2,000	2,001	1,999	739	1,521	1,739	1,302	409	137	736	1,210	14.5	13.4	13.8	11.6	14.9	13.4	13.6	7.0	8.7	9.3	8.3	5.5	4.2	6.6	8.1	
11/5 3:00	1,999	1,999	2,000	1,999	2,000	1,999	1,996	1,152	1,896	1,912	1,303	475	436	977	1,896	14.1	13.0	13.4	11.5	14.7	13.5	13.5	7.9	9.8	10.2	8.2	5.9	6.0	7.4	10.0	
11/5 3:10	1,999	1,999	1,999	2,001	1,998	1,989	1,896	1,330	2,010	1,874	1,302	876	657	1,627	1,968	14.3	13.2	13.2	11.7	14.0	13.0	13.1	8.4	10.5	9.9	8.5	7.4	6.8	9.5	10.5	
11/5 3:20	1,535	1,440	1,579	1,396	1,433	1,549	1,340	876	1,296	1,262	983	456	272	570	1,261	13.9	13.5	13.2	12.2	14.4	13.3	12.8	8.0	10.0	9.6	8.5	6.7	5.7	8.3	10.1	
11/5 3:30	-1	-4	-3	-3	-4	-2	-5	-3	-4	-3	-2	-3	-5	50	-4	13.0	13.0	12.3	13.1	13.7	12.8	13.2	8.7	10.2	10.8	9.1	7.2	7.5	8.2	11.7	
11/5 3:40	21	11	-3	33	15	23	22	3	18	18	-2	-2	-9	49	15	12.9	13.4	13.4	13.4	13.8	12.7	12.8	7.9	10.4	10.0	8.8	7.3	6.7	8.0	11.3	
11/5 3:50	1,827	1,725	1,813	1,506	1,962	1,915	1,946	1,243	1,962	1,530	1,354	872	719	48	1,889	11.9	11.8	12.5	10.4	13.2	12.2	11.9	8.4	10.5	9.0	8.7	7.3	7.1	7.9	10.6	
11/5 4:00	1,656	1,553	1,587	1,267	1,578	1,454	1,483	1,200	1,365	1,494	1,561	936	546	47	1,783	11.1	10.9	10.0	9.3	11.7	10.8	10.4	8.3	8.5	9.1	9.3	7.6	6.3	7.8	10.7	
11/5 4:10	1,662	1,459	1,582	1,194	1,613	1,552	1,664	1,244	1,398	1,461	1,460	818	435	46	728	11.2	10.9	10.5	9.3	11.3	11.2	11.4	8.4	8.8	9.0	9.1	7.3	6.0	7.7	7.9	
11/5 4:20	1,796	1,461	1,638	1,176	1,624	1,490	1,627	908	1,065	1,295	1,091	520	249	46	674	11.7	11.5	10.7	9.6	11.2	11.0	11.0	7.5	8.2	8.7	8.3	6.6	5.1	7.5	7.8	
11/5 4:30	1,560	1,371	1,485	1,262	1,461	1,264	1,269	901	1,029	1,084	1,129	629	276	45	822	11.2	10.8	10.3	10.0	10.7	10.1	10.8	7.6	8.1	8.3	8.3	6.9	5.4	7.4	8.0	
11/5 4:40	1,284	1,203	1,245	1,261	1,299	1,305	1,352	1,194	975	705	1,198	702	454	44	724	10.7	10.0	9.8	10.0	10.6	10.1	11.3	8.6	8.1	7.0	8.8	7.2	6.2	7.3	7.7	
11/5 4:50	1,178	1,089	1,273	1,295	1,524	1,564	1,554	1,423	1,272	929	1,628	961	261	43	658	10.2	10.1	9.9	10.2	11.2	11.0	12.2	9.2	8.7	7.9	10.2	7.8	5.5	7.1	7.2	
11/5 5:00	1,033	927	1,155	980	1,318	1,344	1,434	1,065	1,034	1,205	1,661	755	567	43	916	9.5	9.0	9.3	8.8	10.1	10.0	10.9	8.2	8.0	8.7	9.9	7.3	6.9	7.0	8.4	
11/5 5:10	741	693	708	600	998	1,080	1,112	812	1,375	1,292	1,464	975	912	42	1,581	8.5	8.0	7.8	7.3	9.0	9.0	9.7	7.6	9.0	8.5	9.4	8.4	7.8	6.9	9.9	
11/5 5:20	832	723	675	693	851	803	933	1,599	1,819	1,433	1,635	1,023	981	41	1,613	8.9	8.2	7.7	7.9	8.9	8.7	9.5	9.5	10.5	9.0	9.9	8.3	8.1	6.8	9.8	
11/5 5:30	1,135	989	1,007	926	1,115	1,160	1,157	1,114	1,437	1,230	1,360	787	628	40	1,213	9.3	9.4	8.6	8.2	9.6	9.7	10.1	8.3	9.2	8.6	9.2	7.6	7.3	6.6	8.7	
11/5 5:40	1,111	1,042	1,126	928	1,219	1,311	1,451	890	1,309	1,407	1,299	586	328	39	1,085	9.5	9.2	9.0	8.1	9.8	10.0	11.0	7.8	9.0	9.1	8.9	7.2	6.1	6.5	8.6	
11/5 5:50	1,183	1,034	1,019	1,165	1,250	1,211	1,336	1,481	1,611	1,695	1,596	1,041	802	39	1,560	10.4	9.6	8.6	9.4	10.2	10.2	11.5	9.2	9.7	10.0	9.8	8.4	7.6	6.4	9.8	
11/5 6:00	1,202	1,033	1,229	1,308	1,301	1,263	1,251	956	1,086	761	1,250	845	286	38	1,101	10.6	9.6	9.8	10.2	10.6	10.0	10.2	7.8	8.2	7.1	8.8	8.0	5.7	6.2	8.4	
11/5 6:10	1,377	1,296	1,357	1,432	1,284	1,181	1,129	772	868	631	1,129	606	246	37	497	11.2	10.4	10.3	10.7	10.7	9.8	9.4	7.5	7.9	7.1	8.8	7.3	5.7	6.1	7.4	
11/5 6:20	1,253	1,229	1,357	1,425	1,432	1,389	1,381	922	1,044	712	1,187	1,009	567	36	566	9.9	10.2	10.3	10.7	11.4	10.9	10.4	7.8	8.1	7.2	8.6	8.3	6.9	6.0	7.3	
11/5 6:30	1,209	1,244	1,258	1,367	1,341	1,260	1,186	1,332	1,220	907	1,404	1,169	207	36	753	9.6	10.5	9.9	10.4	11.0	10.7	9.6	8.8	8.4	8.2	9.4	8.6	5.4	5.9	8.0	
11/5 6:40	1,306	1,284	1,291	1,382	1,502	1,421	1,383	1,540	1,654	1,887	1,611	907	839	35	1,452	10.1	10.8	10.0	10.5	11.6	11.1	10.2	9.3	9.9	10.7	9.6	7.7	7.8	5.7	9.7	
11/5 6:50	1,620	1,505	1,490	1,435	1,539	1,424	1,302	1,658	1,905	1,857	1,598	1,051	765	34	1,706	11.4	11.5	10.9	10.9	11.5	11.1	10.0	9.5	10.7	10.8	9.6	8.4	7.7	5.6	10.2	
11/5 7:00	1,659	1,451	1,529	1,287	1,450	1,296	1,163	1,713	2,000	1,747	1,259	742	615	33	1,541	12.1	11.2	10.6	9.9	11.1	1										

11/5 8:40	1,940	1,847	1,940	1,473	1,630	1,330	1,154	1,901	1,738	1,860	1,511	591	232	25	1,616	13.2	13.3	13.1	10.5	12.4	10.6	10.4	11.4	10.5	11.2	9.6	6.9	6.0	4.2	10.1
11/5 8:50	1,987	1,834	1,885	1,546	1,508	1,272	1,134	2,006	1,943	1,909	1,236	364	377	25	1,733	13.7	13.1	13.0	11.6	12.1	10.5	10.6	11.8	11.2	11.5	8.7	6.6	6.7	4.0	10.9
11/5 9:00	1,908	1,808	1,862	1,749	1,603	1,218	1,084	1,997	2,004	2,005	1,748	918	977	24	2,008	13.4	13.2	12.8	13.0	12.4	10.5	10.3	12.3	12.1	12.8	11.0	8.3	8.1	3.9	13.2
11/5 9:10	1,831	1,686	1,513	1,569	1,271	1,072	922	1,880	1,748	1,664	1,610	1,460	1,036	23	921	12.8	12.6	11.3	11.6	11.1	9.4	9.5	10.8	9.9	10.2	10.0	9.4	8.1	3.8	7.9
11/5 9:20	1,641	1,479	1,449	1,441	1,272	1,066	851	1,568	1,553	1,220	1,221	924	447	22	119	11.8	11.7	10.9	11.2	10.8	9.4	8.3	9.5	9.4	8.9	9.2	7.9	6.4	3.7	4.8
11/5 9:30	1,474	1,430	1,386	1,233	1,372	1,079	909	1,755	1,674	1,694	1,832	1,207	519	21	633	10.9	11.8	10.5	10.2	10.9	9.3	9.0	10.6	9.8	10.0	10.8	8.5	6.5	3.5	8.1
11/5 9:40	1,598	1,453	1,558	1,370	1,471	1,195	979	1,739	1,388	1,447	1,301	535	147	21	435	11.2	11.7	11.0	10.7	11.1	9.8	9.3	10.2	8.7	9.0	8.7	6.8	4.3	3.4	7.2
11/5 9:50	1,498	1,359	1,407	1,106	1,212	1,112	981	1,356	1,398	1,372	906	319	54	20	281	10.8	11.2	10.3	9.4	10.2	9.3	9.1	8.7	8.5	8.5	7.9	6.1	3.7	3.3	6.1
11/5 10:00	1,361	1,268	1,254	1,037	1,137	849	745	1,526	1,745	1,804	1,314	561	156	19	230	10.2	10.8	9.7	9.4	10.1	8.0	8.4	9.1	9.7	9.9	9.0	7.1	4.8	3.1	5.9
11/5 10:10	1,734	1,536	1,560	1,151	1,428	1,190	1,047	1,399	1,741	1,742	930	439	325	18	584	11.8	12.0	11.1	9.3	11.1	9.7	9.1	9.1	9.8	9.7	7.5	6.4	6.0	3.0	7.2
11/5 10:20	1,918	1,794	1,668	1,384	1,398	1,175	1,026	1,527	1,722	840	270	136	242	18	251	12.5	12.9	11.5	10.6	10.8	9.8	9.3	9.2	9.5	7.2	5.6	4.9	6.1	2.9	5.9
11/5 10:30	1,945	1,841	1,806	1,486	1,377	1,014	944	1,761	1,911	1,244	277	89	118	17	1,314	12.8	13.2	12.0	11.3	10.8	8.8	9.1	9.7	10.4	8.4	5.8	5.1	5.9	2.8	9.6
11/5 10:40	1,897	1,745	1,601	1,356	1,252	1,000	875	1,928	1,999	1,184	332	42	135	16	1,418	12.5	12.5	11.0	10.6	10.2	8.8	8.7	10.3	11.2	8.3	6.1	4.3	6.4	2.6	9.4
11/5 10:50	1,751	1,567	1,416	1,179	1,308	1,098	1,042	1,967	1,993	701	671	712	548	15	1,863	12.2	12.0	10.4	9.8	10.7	9.5	9.4	11.0	10.4	6.9	7.7	7.7	7.2	2.5	11.0
11/5 11:00	1,924	1,658	1,560	1,298	1,437	1,164	1,137	1,989	1,224	550	1,446	838	588	14	1,996	12.7	12.4	11.1	9.7	10.9	9.7	9.4	10.9	7.9	6.6	9.5	7.0	6.9	2.4	12.2
11/5 11:10	1,587	1,494	1,363	1,019	1,239	1,094	1,091	1,646	777	1,062	1,548	908	980	14	2,013	11.3	11.7	10.0	8.3	10.3	9.2	9.5	9.9	6.9	8.0	9.5	7.8	7.9	2.2	11.7
11/5 11:20	1,638	1,365	1,469	1,027	1,279	1,007	974	1,500	1,197	1,441	1,427	1,050	1,257	13	1,992	11.8	11.1	10.6	8.9	10.9	9.1	9.2	8.8	8.2	8.6	8.8	8.1	8.1	2.1	12.3
11/5 11:30	1,401	1,261	1,208	908	1,009	804	823	1,440	819	1,509	1,615	1,022	1,282	12	1,991	11.3	10.5	9.5	8.1	10.1	8.3	8.9	8.7	6.8	8.9	9.0	7.4	8.6	2.0	11.7
11/5 11:40	1,253	1,418	1,262	995	1,135	1,023	1,043	1,879	704	1,376	1,507	972	1,155	11	2,008	10.3	11.3	9.7	8.2	10.1	9.0	9.7	10.3	6.7	8.4	8.8	7.4	7.9	1.8	11.5
11/5 11:50	1,456	1,334	1,633	1,062	1,336	1,218	1,219	1,790	930	657	1,743	883	764	10	1,819	11.0	10.7	11.0	8.1	10.8	9.9	10.6	9.8	7.5	6.4	9.9	7.2	7.3	1.7	10.2
11/5 12:00	1,571	1,625	1,604	1,196	1,453	1,316	1,300	1,793	946	353	1,043	740	930	10	1,885	11.1	11.7	10.4	8.7	11.4	10.1	10.7	9.6	7.3	5.5	7.2	6.8	7.8	1.6	10.0
11/5 12:10	1,207	1,309	1,417	842	1,102	1,057	1,002	1,642	910	374	850	695	845	9	1,873	9.6	10.0	9.7	6.9	9.6	8.8	9.2	9.1	7.1	5.6	6.8	6.6	7.4	1.5	9.8
11/5 12:20	1,293	1,155	1,366	1,023	1,128	958	804	1,648	1,108	586	1,238	905	958	8	1,939	9.9	9.5	9.5	7.8	9.5	8.2	8.3	8.9	7.8	6.2	8.1	7.7	7.7	1.3	10.3
11/5 12:30	1,440	1,441	1,566	1,181	1,382	1,171	1,107	1,512	1,133	433	702	751	687	7	1,607	10.3	10.5	10.1	7.9	10.7	9.2	9.6	8.8	7.6	5.8	6.5	6.7	6.6	1.2	9.4
11/5 12:40	1,478	1,376	1,440	986	1,301	1,024	1,023	648	422	131	378	292	276	7	753	10.1	10.0	9.4	7.4	9.9	8.3	9.2	6.7	5.8	5.1	4.7	5.0	5.1	1.1	7.1
11/5 12:50	1,288	1,250	1,380	911	1,220	996	977	733	594	33	155	170	276	6	712	9.4	9.6	9.3	7.5	9.8	8.6	8.1	6.8	6.5	5.4	4.4	4.9	5.1	0.9	7.1
11/5 13:00	1,314	1,133	1,284	970	1,069	737	675	563	549	369	125	2	84	5	829	9.9	9.3	9.2	8.1	9.9	8.0	7.2	6.3	6.4	5.5	4.0	3.5	3.9	0.8	7.5
11/5 13:10	1,432	1,352	1,389	1,132	1,166	836	788	989	1,028	548	291	69	287	4	1,356	10.4	10.3	9.6	8.7	10.2	8.3	8.4	7.7	7.7	6.3	5.2	4.0	4.8	0.7	8.5
11/5 13:20	1,434	1,358	1,343	1,082	994	794	741	1,535	1,435	1,015	545	465	563	3	1,938	10.7	10.3	9.7	8.7	9.8	8.6	8.6	8.8	8.7	7.7	6.3	5.8	6.5	0.6	10.4
11/5 13:30	1,277	1,187	1,207	1,320	1,047	860	836	1,928	1,945	1,931	1,330	804	1,035	3	2,000	10.0	9.7	9.5	10.0	9.8	8.8	8.9	10.0	10.4	10.2	8.2	7.3	7.8	0.4	11.6
11/5 13:40	1,320	1,251	1,226	1,263	998	716	754	1,957	1,998	1,884	1,972	1,498	938	2	1,940	9.5	9.8	9.4	9.6	9.0	8.1	8.6	10.0	10.1	10.0	10.2	8.9	7.5	0.3	10.5
11/5 13:50	1,254	1,108	1,166	1,250	994	793	679	1,577	1,843	1,875	1,613	1,618	992	1	1,672	9.3	9.2	9.0	9.7	8.9	8.5	8.3	9.1	9.7	9.7	9.0	9.3	7.9	0.2	9.0
11/5 14:00	1,158	959	1,206	1,151	919	640	613	1,842	1,910	1,845	1,624	1,393	976	-1	776	8.8	8.7	9.1	9.0	8.6	7.6	7.2	9.8	9.9	9.7	9.3	8.8	7.7	1.2	7.2
11/5 14:10	1,240	1,171	1,323	1,329	1,075	726	629	1,954	2,016	1,915	1,917	1,516	1,155	-2	1,118	9.2	9.4	9.3	9.5	8.9	7.9	6.9	10.3	10.3	9.8	9.9	9.3	8.2	8.6	8.1
11/5 14:20	1,352	1,297	1,451	1,356	1,081	723	697	1,944	1,995	1,975	1,766	1,687	1,320	-1	1,470	9.8	10.0	9.9	9.9	9.1	8.0	7.5	9.9	10.2	9.9	9.7	9.7	8.6	6.9	8.7
11/5 14:30	1,311	1,259	1,391	1,358	944	692	632	1,957	2,001	2,010	1,926	1,823	1,743	-1	1,736	9.8	9.9	9.9	9.9	9.0	7.8	7.7	9.9	10.4	10.4	9.8	9.9	9.7	4.1	9.5
11/5 14:40	1,307	1,206	1,384	1,384	949	713	573	1,995	1,890	1,944	1,920	2,015	1,752	0	1,765	9.9	9.9	9.7	9.8	9.2	7.9	7.7	10.5	9.9	9.9	10.1	10.5	9.4	1.7	9.5
11/5 14:50	1,587	1,412	1,691	1,694	1,182	886	730	1,890	1,894	1,878	1,793	1,496	1,448	-2	1,189	10.5	10.5	10.7	10.8	9.7	8.3	8.0	10.1	9.9	9.7	9.7	9.0	8.7	9.9	8.1
11/5 15:00	1,732	1,637	1,870	1,862	1,328	999	830	1,371	1,455	1,596	1,526	958	1,207	-2	769	11.0	11.1	11.3	11.3	10.2	8.7	8.5	8.6	9.0	9.2	8.9	7.5	8.2	10.0	7.2
11/5 15:10	1,642	1,596	1,759	1,785	1,222	875	649	1,100	1,322	1,281	1,494	695	623	-2	1,149	10.8	10.9	10.8	11.2	9.7	8.6	7.9	7.7	8.5	8.3	8.9	6.8	6.9	9.4	8.4
11/5 15:20	1,843	1,675	1,922	1,886	1,472	1,081	827	618	810	967	1,168	751	627	-2	767	11.3	11.3	11.2	11.3	10.1	8.9	8.3	6.6	7.3	7.7	8.1	7.0	6.8	7.8	7.2
11/5 15:30	1,828	1,721	1,944	1,946	1,710	1,446	1,230	685	971	1,045	1,175	965	771	-2	458	11.1	11.3	11.2	11.3	11.0	9.8	9.7	6.8	7.7	7.8	8.1	7.8	7.3	8.4	6.3
11/5 15:40	1,933	1,692	1,877	1,866	1,584	1,287	995	805	1,119	1,260	1,514	1,321	1,268	-2	562	11.3	11.2	10.9	11.0	10.7	9.5	8.9	7.3	8.0	8.4	9.0	8.6	8.6	8.9	6.5
11/5 15:50	1,880	1,736	1,884	1,861	1,542	1,308	1,075	1,098	1,684	1,774	1,853	1,530	1,356	-2	468	11.2	11.4	10.9	11.2	10.7	9.6									

11/5 17:30	1,957	1,696	1,909	1,871	1,659	1,262	1,241	823	1,061	1,050	770	405	544	-2	675	11.2	11.2	10.7	10.8	10.9	10.3	9.5	7.2	7.7	8.1	6.9	5.9	6.3	10.8	6.8
11/5 17:40	1,948	1,698	1,858	1,857	1,728	1,394	1,292	827	698	783	858	488	420	-1	517	11.5	11.1	10.7	11.1	11.3	10.7	10.0	7.2	7.0	7.1	7.4	6.6	6.0	11.0	6.7
11/5 17:50	1,700	1,572	1,758	1,764	1,575	1,537	1,323	1,109	986	989	933	516	578	-1	1,251	11.3	10.7	10.4	10.8	11.3	10.2	10.2	8.0	7.7	7.7	7.4	6.2	6.5	11.3	8.5
11/5 18:00	1,685	1,567	1,652	1,632	1,615	1,469	1,348	1,221	1,066	757	793	415	415	-1	1,209	11.3	10.7	10.4	10.6	10.5	10.2	10.3	8.3	8.0	7.0	7.1	6.0	5.9	11.5	8.4
11/5 18:10	1,761	1,601	1,780	1,753	1,792	1,594	1,421	1,015	923	1,032	927	581	479	-1	1,269	11.6	10.8	10.4	10.8	10.7	10.3	10.8	7.7	7.5	7.8	7.4	6.6	6.3	11.8	8.6
11/5 18:20	1,927	1,756	1,773	1,764	1,829	1,656	1,372	1,441	1,449	1,420	1,672	1,039	576	-1	1,762	11.0	11.4	10.6	11.1	11.1	10.8	11.1	8.8	8.8	8.6	9.0	7.9	6.6	12.1	9.8
11/5 18:30	2,017	1,745	1,939	1,915	1,862	1,712	1,622	1,975	1,939	1,898	2,001	1,087	946	-1	2,017	11.7	11.9	11.1	11.7	11.1	10.9	10.8	10.1	10.0	9.7	9.8	7.8	7.5	12.3	10.6
11/5 18:40	1,886	1,665	1,948	1,913	1,881	1,660	1,615	1,699	1,722	1,857	1,978	1,229	1,274	-1	1,999	10.9	11.5	11.1	11.5	11.3	10.7	10.4	9.4	9.5	9.9	10.3	8.0	8.8	11.9	10.3
11/5 18:50	2,006	1,732	1,956	1,920	1,946	1,815	1,711	1,784	1,707	1,780	1,947	1,131	942	-2	1,973	11.6	11.7	10.9	11.4	11.2	10.7	10.3	9.6	9.3	9.5	9.8	7.9	7.5	10.9	10.8
11/5 19:00	1,843	1,621	1,767	1,723	1,764	1,642	1,603	1,513	1,509	1,678	1,724	951	774	-2	1,710	10.5	11.2	10.4	10.7	10.5	10.4	10.1	8.9	9.0	9.4	9.2	7.4	7.0	9.7	9.7
11/5 19:10	1,703	1,302	1,545	1,444	1,629	1,611	1,677	1,240	1,322	1,351	1,565	977	956	-2	1,491	10.2	9.9	9.7	9.6	10.0	10.2	10.3	8.3	8.4	8.5	9.3	7.6	7.7	9.7	8.9
11/5 19:20	1,674	1,448	1,604	1,552	1,573	1,366	1,138	1,456	1,622	1,514	1,897	1,275	945	-2	1,382	10.2	10.5	10.2	10.3	10.3	9.8	9.0	8.9	9.0	8.8	10.0	8.4	7.5	9.2	8.8
11/5 19:30	1,742	1,532	1,502	1,389	1,326	1,118	1,117	1,044	949	837	791	695	381	-2	912	10.5	10.4	9.8	10.1	9.7	9.3	9.5	7.8	7.7	7.3	7.1	7.0	5.7	7.6	7.8
11/5 19:40	1,940	1,782	1,717	1,621	1,735	1,599	1,335	1,414	1,434	1,400	1,158	638	268	-3	1,118	11.2	11.7	10.3	10.4	10.7	10.5	9.8	8.6	8.9	8.8	8.0	6.8	5.1	8.0	8.3
11/5 19:50	1,758	1,539	1,510	1,532	1,595	1,528	1,373	1,552	1,458	1,507	1,408	1,110	927	-3	1,603	10.7	11.1	10.0	9.9	10.5	10.0	9.5	9.1	8.8	9.0	8.6	7.9	7.6	9.3	9.2
11/5 20:00	1,575	1,275	1,480	1,421	1,534	1,670	1,563	1,498	1,678	1,722	1,859	1,455	1,153	-3	901	9.8	9.8	9.5	9.4	10.6	10.6	10.0	9.0	9.3	9.3	9.9	8.9	8.5	9.3	7.7
11/5 20:10	1,397	1,264	1,337	1,240	1,239	1,071	981	1,194	1,058	1,310	1,229	887	681	-3	667	9.4	9.5	9.4	9.1	9.9	9.2	9.0	8.1	7.9	8.6	8.1	7.5	7.1	8.4	6.8
11/5 20:20	1,388	1,204	1,248	1,248	1,245	1,106	1,006	756	584	666	772	471	536	-3	816	9.3	9.4	9.1	9.1	9.2	9.4	8.9	7.0	6.6	6.7	7.0	5.9	6.5	8.5	7.1
11/5 20:30	1,039	867	934	913	1,072	1,044	976	611	583	553	660	393	357	-4	693	8.8	8.3	8.5	8.5	9.1	9.2	9.2	6.8	6.7	6.6	6.7	5.8	5.6	7.7	7.1
11/5 20:40	1,437	1,365	1,429	1,377	1,397	1,233	1,121	669	787	850	1,028	705	457	-4	842	10.1	10.1	9.5	10.0	10.0	9.7	9.5	6.9	7.5	7.5	7.9	7.2	6.3	7.9	7.8
11/5 20:50	1,141	1,148	1,324	1,356	1,383	1,265	1,135	632	685	763	996	723	402	-4	782	9.5	9.3	9.0	9.3	10.1	9.8	9.6	6.7	6.9	7.3	7.8	7.2	6.3	7.7	7.4
11/5 21:00	1,229	1,249	1,434	1,386	1,227	1,149	1,056	857	846	988	1,231	865	461	-4	1,266	9.8	9.9	9.5	9.6	10.0	9.4	9.5	7.4	7.5	8.1	8.4	7.3	6.2	8.5	8.5
11/5 21:10	1,254	1,191	1,336	1,342	1,257	1,376	1,165	976	991	1,138	1,506	994	571	-4	1,547	9.4	9.8	9.2	9.4	9.7	9.7	9.7	7.7	7.8	8.3	9.0	7.8	6.5	8.6	9.0
11/5 21:20	1,586	1,510	1,749	1,790	1,685	1,629	1,467	1,071	1,199	1,392	1,533	1,009	749	-4	1,734	10.2	11.0	10.6	10.8	10.7	10.3	10.2	7.8	8.3	9.0	8.9	7.7	7.0	9.0	9.4
11/5 21:30	1,822	1,677	1,839	1,892	1,817	1,710	1,674	1,033	1,068	1,065	1,259	976	558	-5	1,855	10.9	11.6	10.9	11.0	11.0	10.8	10.5	7.9	7.8	7.9	8.4	7.7	6.4	9.1	9.8
11/5 21:40	1,833	1,681	1,866	1,931	1,880	1,742	1,737	1,116	1,037	1,137	1,493	836	636	-5	1,898	10.7	11.5	11.0	11.0	11.1	10.8	10.3	8.2	7.9	8.2	8.8	7.1	6.7	9.5	9.8
11/5 21:50	1,870	1,642	1,927	2,017	2,014	1,885	1,912	907	921	985	1,396	801	613	-5	2,017	11.0	11.5	11.2	11.5	11.6	11.2	11.1	7.7	7.4	7.8	8.6	7.1	6.7	9.3	10.4
11/5 22:00	1,888	1,659	1,966	2,000	1,994	1,879	1,895	1,058	1,013	1,419	1,804	879	954	-5	2,000	11.1	11.6	11.2	11.5	11.5	11.2	11.0	7.9	7.8	8.7	9.4	7.2	7.6	11.2	11.9
11/5 22:10	1,854	1,502	1,871	1,980	2,008	1,941	1,727	1,077	848	1,319	1,243	744	795	-5	2,000	11.1	11.3	11.0	11.4	11.7	11.4	12.1	7.8	7.5	8.5	8.0	7.2	7.0	11.8	11.5
11/5 22:20	1,674	1,419	1,750	1,876	1,882	1,782	1,584	1,372	1,271	1,752	1,645	1,226	1,250	-6	2,000	10.5	10.7	10.6	10.9	11.0	10.9	11.7	8.7	8.4	9.6	9.3	8.2	8.4	12.5	11.7
11/5 22:30	1,517	1,339	1,564	1,746	1,757	1,726	1,586	1,864	1,814	2,000	2,007	1,896	1,865	-6	1,999	9.9	9.9	10.0	10.6	10.6	10.8	11.3	10.0	9.6	11.0	11.0	9.9	10.0	12.4	12.4
11/5 22:40	1,582	1,324	1,564	1,733	1,842	1,831	1,936	1,264	1,348	1,694	1,982	1,225	1,253	-6	1,999	10.0	9.7	9.9	10.4	10.6	10.8	10.8	8.4	8.6	9.4	10.1	8.2	8.6	11.1	11.5
11/5 22:50	1,753	1,601	1,732	1,832	1,893	1,863	1,910	995	1,274	1,170	1,752	875	812	-6	1,999	10.7	10.7	10.3	10.7	11.1	11.1	11.0	7.7	8.4	7.9	9.2	7.6	7.4	10.8	11.5
11/5 23:00	1,054	999	1,061	1,186	1,522	1,581	1,807	1,518	1,688	1,824	2,012	1,696	1,579	-6	1,994	8.9	8.9	8.8	9.0	10.3	10.7	10.8	9.0	9.3	9.7	10.7	9.3	9.4	11.3	11.3
11/5 23:10	1,218	1,191	1,340	1,438	1,591	1,614	1,793	1,061	1,334	1,391	1,674	1,000	692	-7	1,467	9.3	9.4	9.5	9.6	10.3	10.8	10.6	8.1	8.8	8.9	9.3	8.1	6.9	8.7	9.3
11/5 23:20	1,245	1,348	1,438	1,615	1,539	1,452	1,531	1,041	1,296	1,310	1,528	946	565	-7	1,462	9.4	10.0	9.9	10.3	10.5	10.6	10.4	8.0	8.7	8.8	9.0	7.9	6.6	8.4	9.2
11/5 23:30	1,329	1,354	1,439	1,637	1,686	1,649	1,746	1,009	1,272	1,372	1,716	871	578	-7	1,678	9.6	10.3	9.9	10.3	10.8	11.1	10.7	8.0	8.6	9.0	9.4	7.6	6.6	8.8	9.4
11/5 23:40	1,239	1,165	1,317	1,552	1,727	1,679	1,780	976	1,325	1,319	1,728	1,081	600	-7	1,762	9.2	9.2	9.3	9.9	10.6	10.7	10.4	7.7	8.7	8.7	9.3	8.1	6.5	9.1	9.7
11/5 23:50	1,379	1,287	1,449	1,646	1,667	1,605	1,670	1,142	1,407	1,467	1,788	1,156	781	-7	1,984	9.7	9.7	10.0	10.3	10.6	10.8	10.6	8.1	8.8	8.8	9.5	8.1	7.3	9.3	10.2
11/6 0:00	1,710	1,601	1,685	1,850	1,591	1,524	1,454	1,074	1,804	1,793	1,999	1,342	767	-7	1,631	10.8	11.0	10.6	11.1	10.8	10.7	10.6	8.1	10.0	9.7	10.1	8.9	7.1	9.1	9.7
11/6 0:10	1,743	1,644	1,796	1,901	1,664	1,705	1,575	879	1,582	1,432	1,801	1,292	563	-8	1,408	11.0	11.2	10.8	11.2	10.9	10.8	10.9	7.7	9.7	9.0	10.1	8.8	6.4	8.8	9.4
11/6 0:20	1,399	1,463	1,819	1,853	1,689	1,612	1,572	927	1,424	1,428	1,806	1,124	730	-8	1,625	9.9	10.7	10.7	11.1	11.4	10.5	11.1	7.6	9.1	9.0	9.7	8.1	6.9	8.9	9.7
11/6 0:30	1,649	1,579	1,940	1,964	1,609	1,499	1,306	1,570	1,803	1,811	1,969	1,795	1,228	-8	1,934	10.9	11.2	11.4	11.9	11.1	10.3	10.1	9.3	10.3	10.4	11.0	9.8	8.3	10.8	11.0
11/6 0:40	1,651	1,599																												

11/6 2:20	1,604	1,514	1,858	1,862	1,665	1,668	1,590	1,117	1,506	1,815	1,998	1,968	1,581	-10	1,996	10.7	11.0	11.0	11.8	11.4	11.0	10.7	8.1	9.1	10.0	10.4	10.3	9.3	11.1	11.0
11/6 2:30	1,405	1,412	1,668	1,641	1,458	1,532	1,564	1,044	1,683	1,726	1,999	1,893	1,524	-10	1,946	10.1	10.6	10.4	10.8	10.5	10.4	10.5	8.2	9.5	9.8	10.5	10.4	9.1	11.1	10.9
11/6 2:40	1,441	1,383	1,577	1,598	1,513	1,462	1,538	1,363	1,905	1,996	1,999	2,000	1,572	-11	1,993	10.1	10.3	9.9	10.5	10.4	10.0	10.2	8.7	9.9	10.4	10.6	10.2	9.2	10.7	10.3
11/6 2:50	1,182	1,117	1,434	1,538	1,242	1,290	1,269	1,211	1,832	1,878	1,999	1,990	1,779	-11	2,010	9.4	9.6	9.8	10.5	9.9	9.8	9.8	8.4	9.9	10.0	10.7	10.6	9.7	11.5	11.2
11/6 3:00	1,534	1,439	1,704	1,712	1,361	1,334	1,382	1,291	1,913	1,902	1,999	1,997	1,641	-11	1,958	10.5	10.7	10.6	11.1	10.3	9.9	10.3	8.6	10.2	10.0	10.8	10.6	9.4	10.9	10.8
11/6 3:10	1,717	1,638	1,856	1,805	1,592	1,566	1,482	1,236	1,545	1,622	1,996	1,712	1,390	-11	1,740	11.2	11.3	11.1	11.5	10.9	10.8	10.4	8.6	9.3	9.6	10.4	9.9	8.9	10.3	10.3
11/6 3:20	1,643	1,496	1,675	1,592	1,276	1,256	1,192	1,343	1,379	1,513	1,985	1,796	1,543	-11	2,007	10.9	10.9	10.4	10.7	10.0	9.7	9.7	8.7	8.9	9.3	10.3	10.0	9.2	10.7	10.8
11/6 3:30	1,616	1,419	1,518	1,550	1,282	1,196	1,143	907	1,010	1,092	1,615	1,261	937	-11	1,407	10.6	10.8	9.9	10.5	9.9	9.5	9.4	7.4	7.8	8.2	9.3	8.7	7.6	9.2	9.4
11/6 3:40	1,340	1,193	1,389	1,463	1,241	1,180	1,098	406	747	846	1,134	942	659	-12	1,034	9.8	10.1	9.7	10.2	9.8	9.4	9.2	6.1	7.5	7.8	8.5	8.3	7.1	8.2	8.5
11/6 3:50	915	930	1,091	1,234	1,085	1,014	952	901	1,204	1,107	1,313	1,018	750	-12	1,140	8.4	8.9	8.6	9.6	9.3	8.9	8.7	7.9	8.7	8.6	8.8	8.3	7.5	8.6	8.6
11/6 4:00	974	959	1,119	1,215	1,086	1,021	1,028	1,163	1,404	1,420	1,635	1,258	1,033	-12	1,261	8.7	9.0	9.1	9.5	9.3	9.1	9.6	8.4	9.1	9.2	9.5	8.6	8.3	8.9	9.1
11/6 4:10	1,022	1,001	1,141	1,222	1,068	986	1,066	960	1,285	1,261	1,496	1,124	878	-12	1,257	9.0	9.3	9.4	9.5	9.2	9.1	9.5	8.0	8.9	8.8	9.2	8.5	7.9	8.6	8.9
11/6 4:20	889	921	1,106	1,266	1,076	1,018	1,132	914	1,363	1,308	1,514	1,160	892	-12	1,324	8.4	8.8	8.9	9.4	9.1	9.2	9.8	7.9	9.1	8.9	9.4	8.7	7.9	8.8	9.3
11/6 4:30	976	917	1,009	1,219	1,026	981	1,119	907	1,179	1,111	1,335	1,037	793	-13	1,144	8.9	8.7	8.9	9.5	9.0	8.9	9.5	7.8	8.7	8.4	9.1	8.4	7.7	8.4	8.8
11/6 4:40	1,088	1,013	1,059	1,203	1,037	935	1,117	963	1,327	1,283	1,467	1,156	930	-13	1,214	9.4	9.1	9.1	9.3	9.0	8.9	9.6	8.0	9.1	9.0	9.4	8.9	8.2	8.8	9.0
11/6 4:50	1,075	1,107	1,278	1,388	1,219	1,039	1,012	1,111	1,498	1,420	1,676	1,372	1,088	-13	1,304	9.3	9.4	9.8	9.9	9.8	9.4	9.4	8.3	9.4	9.3	9.8	9.2	8.5	9.3	9.4
11/6 5:00	1,199	1,184	1,315	1,440	1,274	1,168	1,149	838	1,123	1,100	1,336	1,104	894	-13	1,232	9.8	9.7	9.8	10.1	9.8	9.7	9.9	7.6	8.5	8.4	9.1	8.5	7.9	9.0	9.1
11/6 5:10	1,275	1,211	1,395	1,500	1,376	1,251	1,245	820	1,151	1,163	1,362	1,079	873	-13	1,207	9.9	9.7	9.9	10.4	10.2	10.1	10.3	7.6	8.4	8.5	9.2	8.3	7.8	8.7	9.1
11/6 5:20	1,341	1,208	1,368	1,480	1,366	1,242	1,296	741	1,105	1,162	1,402	1,133	897	-14	1,272	10.0	9.8	10.0	10.3	10.1	10.1	10.4	7.3	8.4	8.6	9.2	8.5	7.8	8.9	9.0
11/6 5:30	1,329	1,139	1,367	1,518	1,430	1,308	1,354	680	901	947	1,243	901	740	-14	1,251	9.9	9.6	9.9	10.2	10.2	10.1	10.4	7.2	7.9	7.9	8.7	7.8	7.3	8.3	8.6
11/6 5:40	1,254	996	1,147	1,330	1,261	1,218	1,305	504	622	648	883	577	515	-14	1,101	9.7	9.0	9.0	9.6	9.5	9.6	10.1	6.6	7.0	7.1	7.8	6.9	6.6	7.4	8.2
11/6 5:50	1,177	840	1,024	1,297	1,277	1,243	1,343	434	544	565	706	460	356	-14	1,012	9.5	8.5	8.8	9.4	10.0	9.6	10.0	6.3	6.7	6.9	7.3	6.5	5.9	6.9	8.2
11/6 6:00	1,114	875	1,106	1,345	1,267	1,287	1,349	651	736	722	880	657	585	-14	1,849	9.2	8.5	9.1	9.6	10.3	9.9	10.3	7.2	7.5	7.5	7.9	7.3	6.9	8.3	10.4
11/6 6:10	1,025	918	1,050	1,258	1,256	1,215	1,309	1,040	1,190	1,190	1,545	1,066	871	-14	1,989	8.9	8.6	9.0	9.5	9.9	9.8	10.1	8.2	8.7	8.5	9.3	8.2	7.8	9.2	10.7
11/6 6:20	916	704	1,040	1,353	1,322	1,374	1,596	1,193	1,247	1,233	1,632	1,236	1,130	-15	2,010	8.3	7.7	8.7	9.7	10.1	9.7	10.4	8.4	8.6	8.7	9.4	8.8	8.5	10.6	11.5
11/6 6:30	1,342	940	1,357	1,650	1,607	1,673	1,825	1,111	1,267	1,269	1,788	1,340	1,190	-15	1,999	9.9	8.9	9.7	10.9	11.0	10.6	11.0	8.1	8.9	8.7	9.7	9.1	8.5	11.0	12.2
11/6 6:40	1,499	1,071	1,384	1,595	1,423	1,428	1,561	858	1,133	1,127	1,694	1,165	1,108	-15	2,000	10.3	9.4	9.8	10.9	10.7	9.9	10.2	7.5	8.3	8.4	9.7	8.6	8.3	11.1	12.0
11/6 6:50	1,287	889	1,355	1,649	1,522	1,443	1,609	1,133	1,129	1,333	1,808	1,493	1,540	-15	1,997	9.7	8.6	9.9	10.8	10.7	10.3	10.2	8.3	8.4	9.0	10.1	9.3	9.5	11.8	11.4
11/6 7:00	1,500	1,128	1,515	1,725	1,640	1,516	1,742	1,463	1,872	1,960	1,999	2,016	1,961	-15	2,000	10.9	9.4	10.6	11.1	11.1	10.8	10.6	9.2	10.2	10.2	11.6	11.1	10.8	12.0	12.9
11/6 7:10	1,419	980	1,390	1,668	1,672	1,684	1,839	1,617	2,008	1,955	2,000	2,001	1,870	-16	1,999	10.5	8.8	10.2	10.9	11.2	11.2	12.0	9.4	10.5	10.3	11.9	11.2	10.6	13.3	13.8
11/6 7:20	1,183	814	1,323	1,793	1,872	1,884	1,950	1,859	1,999	1,999	2,000	1,998	1,916	-16	1,999	9.6	8.1	9.8	11.2	11.7	11.6	12.3	10.4	11.4	10.9	12.4	11.6	10.6	12.7	12.8
11/6 7:30	1,330	981	1,476	1,827	1,936	1,901	1,942	1,986	1,999	2,000	2,000	1,948	1,747	-16	1,999	9.7	9.0	10.0	11.5	11.8	11.6	11.9	10.6	12.0	12.0	13.4	10.8	9.7	11.5	11.7
11/6 7:40	1,772	1,445	1,932	2,019	2,012	1,984	2,001	1,537	1,847	1,949	1,999	1,920	1,770	-16	1,893	11.4	10.8	11.6	12.3	12.2	12.0	11.9	9.1	10.1	10.6	11.6	10.4	10.3	10.9	10.9
11/6 7:50	1,823	1,490	1,981	2,000	2,002	2,012	2,009	1,335	1,553	1,640	1,955	1,956	1,862	-16	1,477	11.3	10.7	11.6	12.1	12.4	12.2	12.4	8.8	9.0	9.4	10.1	10.5	10.2	11.0	9.2
11/6 8:00	1,906	1,571	2,004	2,000	1,999	1,998	1,998	1,088	1,686	1,765	2,018	1,890	1,546	-17	1,700	11.5	11.5	12.0	13.0	12.9	12.3	12.6	8.1	9.5	9.7	11.6	10.4	9.2	10.1	10.2
11/6 8:10	1,960	1,591	1,996	1,925	1,997	1,970	1,939	906	1,764	1,990	1,999	1,889	1,478	-17	1,955	11.8	11.7	12.0	12.5	12.5	12.1	12.5	7.5	9.6	11.0	12.9	10.4	9.1	11.1	11.4
11/6 8:20	1,962	1,760	1,985	1,763	1,996	1,906	1,755	1,164	1,992	2,006	2,000	1,848	1,561	-17	1,998	11.6	12.1	11.7	11.4	12.4	11.5	11.6	8.3	10.9	12.2	13.2	10.4	9.4	10.5	11.3
11/6 8:30	1,891	1,586	1,978	1,686	1,900	1,819	1,713	1,234	2,001	1,999	1,999	1,949	1,846	-17	2,002	11.3	11.2	11.5	11.5	11.6	11.4	11.5	8.4	10.8	12.0	12.8	11.1	10.3	10.4	12.4
11/6 8:40	1,732	1,440	1,836	1,638	1,939	1,828	1,806	1,405	2,000	1,998	1,998	1,655	1,361	-17	1,997	11.0	10.9	11.0	11.4	11.8	11.4	12.1	8.9	11.1	11.2	11.6	9.6	8.5	9.9	11.9
11/6 8:50	1,652	1,356	1,733	1,234	1,807	1,678	1,629	1,675	2,000	1,995	1,984	1,799	1,735	-17	1,996	10.7	10.5	10.7	8.6	11.5	11.6	11.8	9.6	11.2	11.1	10.7	9.8	9.7	9.4	13.2
11/6 9:00	1,853	1,449	1,852	1,174	1,801	1,613	1,572	1,997	1,999	2,005	1,881	1,677	1,759	-18	2,000	11.6	11.1	11.3	8.9	11.9	11.6	11.3	11.1	12.2	11.2	10.5	9.4	10.0	8.9	13.1
11/6 9:10	1,819	1,367	1,673	1,025	1,588	1,459	1,569	2,000	1,999	1,502	1,470	1,245	1,172	-18	2,000	11.2	10.6	10.3	8.3	11.1	10.6	10.9	11.8	11.7	9.2	8.8	8.3	8.2	8.4	12.0
11/6 9:20	1,810	1,375	1,636	1,005	1,351	1,242	1,550	1,904	1,268	1,152	1,463	609	751	-18	1,999	11.0	10.5	10.4	8.2	10.										

11/6 11:10	1,865	1,252	1,441	1,932	1,989	1,879	1,645	892	751	495	965	695	1,259	1,607	1,969	11.1	9.9	9.6	11.7	12.4	11.5	10.6	7.6	7.1	6.2	7.3	6.6	8.8	9.4	11.2	
11/6 11:20	1,934	1,200	1,357	1,854	2,009	1,893	1,675	834	862	666	1,075	911	1,563	1,626	1,995	11.4	9.8	9.4	11.4	12.5	11.9	10.7	7.2	7.2	6.6	7.8	7.4	9.4	9.7	11.1	
11/6 11:30	1,998	1,219	1,488	1,979	1,999	1,978	1,785	727	676	665	1,098	1,076	1,808	1,610	2,001	12.0	9.7	9.9	12.1	12.8	12.0	11.0	7.2	6.9	6.6	7.7	7.6	10.0	9.2	11.2	
11/6 11:40	2,000	1,200	1,556	1,959	1,997	1,914	1,694	1,001	827	779	1,164	795	1,633	1,513	2,000	12.2	9.6	10.1	11.8	12.5	11.3	10.5	7.8	7.4	7.3	7.8	6.7	9.7	8.8	11.0	
11/6 11:50	1,998	1,197	1,641	1,996	1,987	1,923	1,635	898	829	895	1,338	1,263	1,846	1,728	1,987	13.1	9.6	10.2	12.1	12.7	11.0	9.9	7.3	7.2	7.5	8.1	8.1	10.3	9.5	11.1	
11/6 12:00	1,957	1,072	1,399	1,987	1,915	1,766	1,495	698	527	625	1,315	795	1,616	1,652	2,009	11.8	9.1	9.4	11.9	11.8	10.6	10.8	6.7	6.0	6.4	8.6	7.0	9.7	9.1	11.1	
11/6 12:10	1,836	1,017	1,601	1,904	2,019	1,916	1,698	1,287	1,223	816	1,659	1,535	1,919	1,999	2,000	11.0	8.9	10.2	11.3	11.7	11.1	10.8	8.5	8.4	7.2	9.4	9.3	10.5	11.1	11.9	
11/6 12:20	2,011	1,213	1,640	2,018	1,999	1,998	1,808	1,902	2,003	1,779	1,963	1,989	2,001	2,000	2,000	12.5	9.6	10.1	12.1	12.5	11.7	11.6	10.7	11.0	9.9	10.6	10.8	11.5	12.5	12.9	
11/6 12:30	1,855	1,266	1,385	1,845	1,960	1,914	1,703	1,915	1,884	1,826	2,000	1,995	2,000	2,000	1,999	12.2	9.8	9.8	11.9	13.4	12.2	11.5	10.3	10.6	10.1	12.5	11.7	12.1	12.2	12.9	
11/6 12:40	1,481	769	921	1,451	1,782	1,663	1,554	1,848	1,558	1,244	2,000	2,001	1,942	1,871	1,968	9.9	8.2	7.9	9.8	10.7	10.2	10.0	6.9	9.1	8.3	11.3	10.9	10.4	10.1	10.5	
11/6 12:50	760	232	637	1,019	1,430	1,353	1,257	847	283	305	1,648	1,223	1,232	1,573	1,404	7.0	6.4	6.9	8.2	9.6	9.2	9.1	9.7	5.1	5.2	9.5	8.3	8.3	9.3	8.5	
11/6 13:00	788	-24	604	1,060	1,389	1,412	1,367	905	833	1,160	1,839	1,643	1,566	1,585	1,461	7.7	5.1	6.5	8.5	9.8	9.5	10.3	7.7	7.2	8.5	10.5	9.7	9.7	10.1	9.3	
11/6 13:10	1,749	-13	988	1,900	1,964	1,970	1,993	1,590	1,949	2,001	1,999	1,999	2,000	1,999	1,999	11.4	8.3	7.7	12.0	12.7	12.2	11.7	9.3	11.0	12.0	13.2	11.7	11.2	12.4	11.5	
11/6 13:20	1,845	-3	1,273	2,000	1,999	2,009	2,010	973	1,381	1,769	1,999	1,999	2,000	1,999	1,999	11.2	9.5	8.7	12.8	13.3	13.5	13.8	7.9	8.9	10.1	12.2	11.4	11.1	12.4	11.9	
11/6 13:30	1,773	39	2,008	2,000	1,999	1,999	1,999	75	145	288	909	975	1,292	1,955	1,998	10.5	9.5	12.3	14.1	14.5	14.3	13.5	3.7	4.3	5.0	7.2	7.6	8.4	10.7	10.8	
11/6 13:40	1,916	1,681	2,000	2,000	2,000	2,000	2,000	99	440	637	1,204	1,128	1,358	1,963	2,001	11.8	11.8	14.2	14.9	15.7	15.4	15.3	4.0	6.2	6.8	8.5	8.1	8.8	10.6	10.8	
11/6 13:50	2,000	576	1,999	2,000	1,999	1,999	1,999	804	1,433	1,665	2,017	2,015	2,018	1,999	1,999	15.5	14.6	14.5	14.7	15.7	15.0	15.6	7.3	9.0	9.6	8.6	11.7	11.0	11.0	12.8	12.3
11/6 14:00	2,000	36	2,000	2,000	1,999	2,000	1,999	1,414	1,994	2,004	2,000	1,999	2,000	1,999	2,000	16.3	14.6	15.1	15.2	16.0	15.4	15.5	8.8	10.5	10.6	12.1	11.6	11.3	12.5	12.7	
11/6 14:10	1,999	29	2,000	1,999	2,000	1,999	2,000	1,916	2,009	2,004	2,000	1,999	1,999	1,999	2,000	15.6	13.8	14.1	14.2	15.4	14.6	14.5	10.8	11.5	11.4	12.5	11.7	11.6	12.6	11.8	
11/6 14:20	1,780	22	1,963	1,999	2,000	1,975	1,958	1,931	2,000	1,999	2,000	1,967	1,983	1,979	1,995	13.1	13.0	12.9	13.2	14.0	13.5	13.5	11.2	11.7	11.6	12.0	10.6	10.7	11.2	11.2	
11/6 14:30	1,543	16	1,937	2,000	1,999	2,016	2,010	1,645	1,973	1,836	1,999	1,912	1,802	1,992	1,966	10.1	12.2	12.2	12.5	13.7	13.0	13.3	9.5	10.5	10.1	10.9	10.2	9.8	10.8	10.4	
11/6 14:40	1,330	9	1,373	1,839	1,824	1,770	1,558	1,316	1,950	1,857	1,987	1,716	1,368	1,841	1,720	9.4	11.4	9.4	11.5	12.5	11.5	11.3	8.5	10.3	10.0	10.7	9.5	8.7	10.2	9.4	
11/6 14:50	1,217	2	410	1,376	1,496	1,122	953	1,207	1,770	1,599	2,009	1,626	1,519	1,916	1,697	9.6	10.6	5.6	10.2	10.5	9.6	9.0	8.3	10.1	9.5	10.2	9.4	9.4	10.6	10.0	
11/6 15:00	1,123	232	403	1,233	1,324	1,086	849	1,098	1,349	1,515	1,888	1,484	1,173	1,508	1,278	9.0	7.7	5.5	9.6	10.1	9.3	8.9	8.1	9.4	9.8	10.5	9.2	8.4	9.9	8.5	
11/6 15:10	264	90	630	1,067	1,325	1,191	1,219	1,101	1,625	1,370	1,790	1,456	1,327	1,752	1,810	5.2	3.8	7.0	8.8	10.0	9.4	9.6	8.2	9.5	8.9	9.9	8.9	8.6	10.0	10.1	
11/6 15:20	913	648	1,906	2,023	2,020	2,018	1,988	858	1,280	1,032	1,192	908	1,060	1,230	1,262	7.8	7.4	11.3	12.4	12.6	12.2	12.6	7.5	8.6	8.0	8.4	7.7	8.1	8.6	8.5	
11/6 15:30	743	521	1,459	1,734	1,908	1,851	1,819	751	1,352	1,061	1,457	905	688	901	951	7.3	5.8	9.6	10.5	10.8	11.0	11.7	7.0	8.9	7.9	8.8	7.8	7.2	7.7	7.8	
11/6 15:40	948	444	1,073	1,363	1,780	1,759	1,758	449	982	1,005	1,534	1,098	1,019	965	856	8.2	7.3	9.1	9.6	10.5	10.4	10.6	5.9	8.0	7.8	9.0	7.9	8.1	7.9	7.3	
11/6 15:50	1,889	1,336	1,884	1,947	2,023	2,010	2,010	856	1,460	1,390	1,813	885	1,624	1,740	1,529	11.1	9.7	11.3	11.7	13.0	12.0	11.8	7.7	9.2	9.0	9.9	9.0	9.4	9.9	9.2	
11/6 16:00	2,009	1,940	2,008	1,999	1,999	1,999	1,999	1,755	2,015	2,017	1,999	1,280	1,986	2,008	2,017	13.1	12.1	13.5	14.2	15.1	14.0	13.8	10.1	10.9	11.0	12.2	11.0	10.5	11.9	10.9	
11/6 16:10	1,999	2,000	2,000	1,999	1,999	1,999	2,000	2,011	2,000	1,999	1,999	2,000	1,999	1,999	1,999	15.4	13.4	15.0	15.4	15.9	14.8	15.0	11.8	12.1	12.3	13.6	12.2	11.9	13.5	12.8	
11/6 16:20	2,000	1,991	1,999	1,999	2,000	2,000	1,999	1,784	1,999	1,999	1,999	776	1,999	1,999	1,999	16.0	14.6	15.4	15.6	16.5	15.2	15.9	9.5	11.8	11.9	12.8	12.1	11.3	12.2	11.4	
11/6 16:30	1,999	1,971	1,999	1,999	1,999	1,998	1,999	1,337	1,999	2,000	1,999	1,844	1,999	1,999	2,000	13.9	12.9	13.7	13.9	14.4	14.7	14.0	8.5	11.0	10.8	11.6	10.9	11.0	11.6	11.0	
11/6 16:40	1,998	1,781	1,999	1,999	1,999	1,910	1,999	1,424	1,999	2,000	2,000	1,999	1,999	1,999	1,999	14.4	11.5	13.1	13.3	14.1	15.0	13.6	8.8	11.1	10.6	11.4	10.8	10.5	11.6	10.8	
11/6 16:50	2,000	1,833	1,999	1,999	1,999	1,774	1,999	1,607	1,997	1,998	1,999	1,999	2,000	1,999	1,999	14.6	11.7	13.4	13.6	14.5	13.9	13.6	9.5	10.7	10.7	12.1	11.2	11.1	12.1	11.6	
11/6 17:00	1,999	1,967	1,999	1,999	1,999	1,638	1,999	1,451	2,001	2,001	2,000	1,884	1,999	1,999	1,999	15.1	12.2	13.7	13.7	14.6	12.8	14.0	9.0	10.9	10.9	12.1	11.5	11.4	12.7	11.9	
11/6 17:10	1,885	1,589	1,999	1,999	1,998	1,501	2,000	1,511	1,957	1,979	1,999	80	1,967	1,999	2,000	13.3	10.8	13.4	13.1	14.2	11.8	14.0	9.0	10.7	10.6	12.0	11.0	10.5	11.3	10.8	
11/6 17:20	1,679	1,111	1,904	1,995	1,998	1,365	1,980	1,405	1,915	1,901	2,001	-1	1,996	2,000	1,999	11.2	8.9	12.5	12.6	13.4	10.7	13.5	8.9	10.7	10.4	11.5	11.6	10.9	11.9	11.2	
11/6 17:30	1,448	798	1,751	1,964	1,932	1,228	1,949	1,319	1,965	1,905	1,999	-1	1,954	1,994	1,991	10.1	7.2	11.3	12.4	12.5	9.6	13.3	8.6	10.8	10.4	12.0	11.7	10.7	11.3	10.7	
11/6 17:40	1,700	1,137	1,844	1,896	2,017	1,092	1,865	846	1,967	1,942	1,997	-3	1,988	1,989	1,946	11.7	9.0	12.1	12.1	12.6	8.6	12.5	7.1	10.3	10.3	10.7	10.4	10.2	11.1	10.2	
11/6 17:50	1,603	1,042	1,885	1,989	2,001	956	1,936	1,445	1,988	1,978	2,000	-4	1,969	2,016	2,018	11.1	9.2	12.2	12.3	12.9	7.5	12.8	8.7	10.8	11.0	11.5	10.9	10.8	11.6	11.0	
11/6 18:00	1,200	541	1,711	1,930	1,998	819	1,881	1,562	1,888	1,743	1,997	-5	1,988	1,999	2,000	8.7	6.9	11.6	12.0	12.6	6.4	12.8	9.3	10.3	9.9	11.1	11.0	10.6			

11/6 20:00	1,532	1,001	1,310	1,430	1,562	1,360	1,425	1,848	2,015	1,878	2,009	630	1,860	2,017	2,000	10.6	9.1	9.2	9.9	10.8	9.9	10.8	10.2	10.8	10.0	10.5	9.0	10.0	10.9	10.7
11/6 20:10	1,555	1,095	1,423	1,470	1,798	1,561	1,462	1,824	2,000	2,015	1,999	943	1,988	2,002	1,999	10.6	9.6	9.9	9.9	11.3	10.7	10.8	10.2	10.9	10.8	11.0	10.3	10.1	11.3	10.7
11/6 20:20	1,734	1,318	1,876	1,874	2,007	1,780	1,842	1,554	1,969	1,871	1,999	-1	1,985	1,966	1,799	11.2	10.6	11.5	11.6	12.4	11.5	12.3	9.1	10.5	10.1	10.6	10.2	10.4	10.8	9.6
11/6 20:30	1,738	1,201	1,853	1,836	2,007	1,737	1,720	1,920	2,008	2,020	1,999	-1	1,922	1,993	1,846	11.4	10.1	11.3	11.2	12.6	11.3	11.7	10.5	11.0	11.0	10.9	9.9	10.0	11.0	9.7
11/6 20:40	1,878	1,412	1,922	1,935	1,995	1,798	1,795	1,602	2,003	1,978	2,000	-1	2,001	2,005	2,008	11.9	11.1	11.6	11.7	12.4	11.5	12.2	9.3	11.0	10.6	10.8	10.2	10.2	11.2	10.6
11/6 20:50	1,934	1,495	1,934	1,943	1,986	1,919	1,752	1,870	1,997	2,003	1,999	-1	1,982	1,999	1,982	11.9	11.0	11.7	11.4	12.2	12.0	11.6	10.4	11.3	11.4	11.0	10.6	10.1	11.0	10.8
11/6 21:00	1,996	1,559	2,012	2,018	2,001	2,009	1,907	1,568	1,999	2,000	2,000	-1	1,977	1,999	2,011	12.3	11.2	12.8	13.2	13.0	12.8	12.3	9.3	11.2	11.2	11.4	10.6	10.7	11.5	11.1
11/6 21:10	2,008	1,927	2,000	1,999	2,000	2,000	2,002	1,565	2,000	2,000	2,000	-1	2,002	1,999	2,006	13.3	12.6	13.8	14.1	13.7	13.5	13.1	8.8	11.6	12.1	13.0	12.2	11.3	11.4	11.1
11/6 21:20	2,000	2,014	2,000	2,000	2,000	2,000	2,000	1,930	2,000	2,000	2,000	-1	2,000	2,001	1,999	13.3	12.4	14.7	15.3	15.2	15.3	14.6	10.6	13.2	13.5	14.2	14.7	12.9	13.3	12.7
11/6 21:30	2,000	1,999	2,000	2,000	2,000	1,999	1,999	1,987	2,000	2,000	2,000	-1	2,000	2,000	2,000	14.5	12.5	14.9	14.9	15.7	14.9	14.7	11.4	13.0	14.6	14.8	14.7	13.4	14.4	13.2
11/6 21:40	2,000	2,000	2,000	2,000	1,999	2,002	2,001	2,000	2,000	2,000	2,000	-1	2,000	2,001	2,000	13.8	12.8	14.4	14.6	14.9	14.5	14.0	10.6	13.0	14.0	14.6	15.1	13.5	14.2	13.9
11/6 21:50	1,999	1,998	2,000	2,000	2,000	2,000	1,999	2,001	1,999	2,000	2,000	-1	1,992	1,999	2,000	13.5	13.2	14.8	15.2	14.9	14.8	14.0	11.0	12.7	13.6	14.4	13.6	13.1	14.0	12.5
11/6 22:00	1,944	1,945	1,997	1,999	2,000	1,999	1,999	2,000	2,001	2,000	2,000	-1	1,954	2,000	1,999	12.9	11.9	13.5	14.2	14.6	14.5	13.4	11.7	12.5	13.3	14.4	13.7	13.4	13.0	13.0
11/6 22:10	2,021	1,992	2,000	2,000	2,000	2,001	2,000	2,000	1,999	2,000	2,000	-1	1,840	1,999	2,000	13.7	11.9	13.0	13.5	14.3	14.1	13.9	12.9	12.8	13.0	13.8	13.8	11.9	13.4	12.6
11/6 22:20	1,998	2,000	2,000	2,000	2,000	1,999	1,999	2,000	1,999	1,999	2,000	-1	1,839	2,001	2,000	13.5	12.5	14.0	14.3	14.7	13.4	13.5	12.7	12.7	13.0	13.1	14.2	12.4	12.9	12.2
11/6 22:30	1,996	1,983	1,999	1,999	1,999	1,999	2,000	2,000	2,000	2,000	1,999	-1	1,840	1,999	2,000	13.7	11.6	13.4	13.1	14.4	13.6	13.2	12.0	12.7	13.5	13.6	13.8	11.7	13.0	12.4
11/6 22:40	2,003	2,008	1,999	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	-1	1,839	2,000	2,000	13.7	13.0	14.2	14.6	15.1	15.7	14.5	12.5	12.8	13.9	14.0	15.0	13.4	14.2	13.5
11/6 22:50	1,998	2,000	2,000	2,000	2,001	2,000	1,999	2,000	2,000	2,000	2,000	-1	1,839	2,000	2,000	13.5	13.6	15.2	15.6	15.7	15.4	14.9	12.5	12.3	12.9	14.2	14.4	13.0	14.0	13.4
11/6 23:00	2,000	2,000	2,000	2,000	2,000	1,999	1,999	2,000	2,000	2,000	2,000	-1	1,839	2,000	2,000	15.5	15.1	15.4	16.6	16.8	16.4	15.5	12.5	12.7	13.6	14.2	15.3	13.3	13.7	13.7
11/6 23:10	2,000	2,000	2,000	2,000	2,000	2,001	2,000	1,999	1,999	2,000	2,000	-1	1,839	2,000	2,000	16.1	15.3	16.8	17.0	17.2	17.8	16.9	12.9	13.5	13.8	15.1	14.7	13.6	14.1	14.1
11/6 23:20	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,999	2,000	2,000	2,000	0	1,839	1,999	2,000	16.5	16.5	17.9	18.5	19.3	19.0	17.7	13.2	13.8	14.5	15.4	15.3	14.6	14.9	14.8
11/6 23:30	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	1,839	2,000	2,000	18.2	16.3	17.7	18.7	18.5	19.5	18.7	14.4	14.7	16.2	15.9	16.3	14.9	15.7	14.6
11/6 23:40	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,999	2,000	2,000	2,000	0	1,816	2,000	2,000	18.1	15.7	16.9	17.9	18.5	17.3	16.9	14.1	14.6	15.5	16.0	15.4	14.4	14.9	14.8
11/6 23:50	1,994	1,999	1,997	1,999	1,998	1,999	1,960	2,001	2,000	2,000	2,000	0	1,806	2,001	2,000	15.7	14.6	15.6	15.2	15.7	15.9	14.4	13.8	14.4	14.9	15.8	16.1	14.4	14.9	14.3
11/7 0:00	1,993	1,990	2,001	2,001	2,000	2,001	2,009	1,999	2,000	2,000	2,000	0	1,806	2,000	2,000	14.1	13.5	14.6	15.0	15.8	15.0	15.8	12.2	13.7	14.0	14.3	13.9	12.9	13.7	13.6
11/7 0:10	2,000	2,000	1,999	2,000	2,000	2,000	1,994	1,995	2,000	2,000	2,000	0	1,806	2,000	2,000	14.9	13.4	14.9	16.2	15.5	15.0	14.6	12.6	13.6	15.1	15.6	15.0	13.5	14.6	13.8
11/7 0:20	2,001	1,999	2,000	2,000	2,000	2,000	2,001	2,000	2,000	2,000	2,000	0	1,780	2,000	2,000	17.6	16.2	18.1	18.7	18.0	17.6	15.5	13.3	13.7	16.0	16.7	16.9	15.5	15.5	15.2
11/7 0:30	2,000	2,000	2,001	2,000	2,000	2,000	1,999	1,999	2,000	2,000	2,000	0	1,723	2,001	2,000	16.1	15.3	16.6	17.3	18.7	18.0	16.9	14.2	14.4	16.1	15.5	16.2	14.7	15.3	15.4
11/7 0:40	2,000	2,000	2,000	1,999	2,000	2,000	2,000	2,000	2,000	2,000	1,999	0	1,722	2,000	2,000	15.5	14.9	15.8	17.1	17.9	16.6	16.0	14.6	15.2	15.4	15.6	16.4	14.7	15.3	15.6
11/7 0:50	2,000	1,999	2,000	2,000	2,000	2,000	2,000	1,999	2,000	2,000	2,000	0	1,722	1,999	2,000	17.0	15.7	16.1	16.7	17.9	16.9	15.9	14.7	14.4	15.5	16.2	16.8	15.6	15.2	15.4
11/7 1:00	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,001	2,000	2,000	0	1,722	1,999	2,000	17.3	17.3	17.8	17.4	17.7	17.5	16.6	14.2	15.0	15.0	16.2	18.4	16.0	16.1	14.5
11/7 1:10	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,001	1,999	2,000	2,000	0	1,722	2,001	2,000	16.7	16.3	16.9	16.7	17.5	16.7	17.3	14.9	15.3	16.7	17.5	17.1	14.9	16.0	15.7
11/7 1:20	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	1,722	2,001	2,000	16.4	15.9	17.3	17.3	16.6	17.9	17.9	15.6	15.5	16.3	17.1	17.7	16.5	16.3	15.8
11/7 1:30	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,999	2,000	2,000	0	1,722	1,999	2,000	16.6	16.4	16.5	16.9	17.3	16.3	17.5	16.0	15.2	15.9	16.9	17.2	15.3	18.3	16.1
11/7 1:40	1,999	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	1,722	2,001	2,000	16.1	16.0	16.3	17.0	17.8	18.6	18.8	13.9	13.9	13.9	13.7	15.2	14.1	13.2	13.9
11/7 1:50	2,000	1,999	2,000	1,999	2,000	2,000	2,000	2,000	1,999	1,999	2,000	0	1,721	1,999	2,000	14.0	14.3	15.6	17.3	16.7	15.6	16.0	13.7	13.0	13.5	14.9	15.9	13.7	13.8	14.0
11/7 2:00	1,999	2,000	2,000	2,001	2,000	2,000	2,000	1,976	1,979	1,969	2,000	0	1,721	2,000	2,000	15.1	14.7	15.4	14.6	16.0	16.0	14.9	12.9	11.9	12.0	13.4	15.4	13.1	13.5	13.9
11/7 2:10	1,999	1,988	1,999	2,000	1,995	1,995	2,000	1,979	2,008	2,014	2,000	0	1,746	1,999	1,999	14.0	14.5	14.6	14.8	15.6	14.8	14.8	11.6	12.5	13.9	12.9	15.2	11.8	12.5	11.7
11/7 2:20	2,000	1,925	1,949	1,977	1,996	1,995	1,999	1,999	2,000	1,999	2,000	0	1,799	1,999	1,999	15.0	14.3	14.3	13.6	14.4	14.4	14.9	14.4	13.3	14.1	15.0	15.6	12.6	12.4	11.8
11/7 2:30	1,990	1,946	1,995	1,996	2,003	1,987	1,999	2,000	2,000	2,000	2,000	0	1,845	2,000	1,999	15.0	13.4	13.9	13.6	14.4	13.6	13.9	14.6	14.6	15.6	15.3	16.9	15.6	14.4	13.0
11/7 2:40	2,006	2,021	2,003	1,999	2,000	2,002	1,998	1,999	2,000	2,000	1,999	0	1,842	2,000	2,000	15.3	15.2	16.5	16.1	15.5	15.3	15.1	13.9	15.6	16.4	17.0	17.9	14.3	15.6	14.7
11/7 2:50	1,998	2,000	2,000																											

11/7 4:50	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,999	2,000	2,000	2,000	0	1,869	2,000	2,000	17.1	17.1	17.6	17.0	17.9	18.0	17.8	14.8	14.4	14.5	15.7	17.7	14.7	15.3	15.7
11/7 5:00	1,999	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,999	2,000	0	1,869	2,000	1,999	15.6	16.1	18.7	19.3	19.3	19.4	18.4	14.6	14.0	14.8	16.3	18.5	15.4	15.7	15.8
11/7 5:10	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,001	1,996	0	1,869	2,000	2,000	18.1	17.7	18.2	17.6	17.9	18.3	18.9	14.6	15.1	14.9	16.2	18.4	15.8	15.9	16.2
11/7 5:20	2,000	2,001	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,004	0	1,869	2,000	2,000	18.5	17.0	18.5	19.7	19.7	19.9	20.1	16.8	15.0	16.0	16.9	18.4	16.0	17.2	16.4
11/7 5:30	2,000	741	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	1,869	2,000	2,000	19.3	19.9	21.1	19.8	19.8	18.5	19.0	17.5	15.6	16.7	17.2	19.1	16.1	16.8	17.0
11/7 5:40	2,000	-1	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,999	0	1,869	2,001	2,000	19.7	19.2	21.5	21.0	22.0	19.8	19.1	15.8	16.5	17.1	16.9	19.9	15.7	18.0	17.9
11/7 5:50	2,000	-1	2,001	2,000	2,000	2,000	2,000	2,000	2,001	1,999	2,000	0	1,869	2,001	2,000	20.7	20.2	21.6	20.5	21.1	21.1	20.5	16.7	16.0	17.8	16.6	19.8	16.8	17.0	16.6
11/7 6:00	2,000	-1	2,000	2,000	2,000	2,000	2,000	1,999	2,000	2,000	2,000	0	1,869	1,999	2,000	20.3	20.2	20.3	20.6	21.3	20.3	20.3	17.7	16.6	16.9	16.2	19.0	15.5	17.2	17.0
11/7 6:10	2,000	-1	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	1,869	2,000	2,000	18.8	18.8	19.6	18.5	20.0	19.9	20.9	17.0	14.8	15.3	15.0	19.4	15.6	16.6	17.5
11/7 6:20	2,000	-1	2,000	2,000	2,000	2,000	2,000	1,999	2,000	2,000	2,000	0	1,869	2,001	2,000	18.2	18.3	18.4	17.4	17.6	19.4	18.5	16.6	15.0	15.2	15.9	17.4	16.5	17.3	16.3
11/7 6:30	1,999	0	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	1,869	2,000	2,000	16.4	17.9	18.3	17.8	18.5	17.7	17.5	15.4	15.0	15.1	16.8	17.9	16.3	16.7	16.5
11/7 6:40	2,000	0	2,000	2,000	1,999	2,000	2,000	2,000	2,000	2,000	2,000	0	1,869	2,001	2,000	18.4	16.7	18.1	17.3	18.5	18.5	18.3	16.6	15.9	15.2	16.6	17.6	15.6	16.3	16.8
11/7 6:50	1,999	0	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,999	2,000	0	1,869	2,000	2,000	16.7	17.5	18.5	16.9	18.9	17.5	18.9	15.2	13.9	15.2	15.7	18.3	15.6	15.3	15.6
11/7 7:00	2,000	1,293	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	993	1,869	2,001	2,000	17.5	16.3	17.5	18.6	19.2	18.8	17.7	15.8	14.2	14.3	15.3	14.4	15.2	15.2	15.2	15.2
11/7 7:10	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,869	2,001	1,999	17.4	17.4	18.9	19.1	19.9	20.1	19.3	14.3	13.2	14.4	15.5	14.5	14.5	15.8	15.5	15.5
11/7 7:20	1,999	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,868	2,000	2,000	17.7	17.6	18.4	19.8	20.6	18.3	18.3	16.1	13.5	14.5	16.6	15.7	15.0	16.1	16.0	16.0
11/7 7:30	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,001	1,869	2,001	2,000	17.9	16.7	18.4	18.0	18.3	18.1	18.3	18.1	18.3	15.1	13.5	14.5	15.6	15.6	14.3	16.2	16.3
11/7 7:40	1,999	2,000	2,000	2,000	2,001	2,000	1,999	2,000	2,000	2,000	2,000	1,869	2,001	2,000	16.4	17.0	18.0	17.7	18.3	18.1	17.1	14.5	14.3	15.3	15.2	14.5	14.4	14.9	15.0	15.0
11/7 7:50	2,001	1,996	2,000	2,000	1,999	2,001	2,000	2,000	1,999	2,000	2,000	1,869	2,000	2,000	16.1	15.4	16.8	15.8	16.4	17.1	17.4	14.8	13.8	14.4	14.6	13.7	13.0	14.9	13.4	13.4
11/7 8:00	1,998	2,003	1,999	2,000	2,000	2,000	2,002	2,000	1,999	2,000	2,000	1,874	2,000	1,999	14.9	14.2	15.0	15.4	15.0	15.9	15.8	14.6	12.9	13.5	13.7	13.3	12.6	13.5	13.0	13.0
11/7 8:10	1,999	2,000	2,000	1,999	2,000	2,000	2,000	2,000	2,001	2,000	2,000	1,999	1,894	2,000	2,000	14.2	14.3	15.2	15.0	15.6	14.8	15.3	13.2	12.4	12.0	13.2	12.1	11.4	13.3	13.1
11/7 8:20	1,999	1,999	2,001	1,999	1,999	1,998	1,981	2,000	2,000	2,000	2,000	1,924	2,000	2,000	13.9	14.5	14.5	14.6	16.1	15.5	15.5	13.3	12.9	12.8	13.0	13.1	11.2	13.2	11.8	11.8
11/7 8:30	1,980	2,001	2,000	2,000	2,000	1,999	2,009	2,002	2,000	2,000	1,999	2,000	1,932	2,000	2,000	13.2	14.3	14.8	14.0	15.3	14.9	14.8	12.2	12.9	12.7	12.6	11.9	12.2	13.1	12.0
11/7 8:40	2,012	1,998	1,999	1,991	1,999	2,000	2,000	2,000	1,998	2,000	2,000	1,921	2,000	1,999	14.2	14.8	14.7	14.6	15.9	16.4	16.6	12.8	11.5	12.9	13.6	12.3	11.7	13.7	13.1	13.1
11/7 8:50	1,999	1,997	2,001	2,010	2,001	2,000	2,000	1,999	2,000	2,000	1,999	1,944	2,001	2,000	15.3	14.3	14.9	14.3	16.0	14.6	15.4	12.9	12.5	13.9	13.4	12.9	12.3	13.6	13.2	13.2
11/7 9:00	2,002	1,991	2,000	2,000	2,001	1,999	1,993	2,000	2,000	1,999	2,000	1,999	1,944	2,000	2,000	14.2	13.9	14.9	15.9	16.2	15.2	15.2	13.7	13.5	14.2	14.1	13.7	13.7	14.3	13.6
11/7 9:10	1,991	1,967	2,000	2,000	1,999	1,994	2,006	1,999	1,999	1,999	2,000	1,944	2,000	1,999	14.5	13.6	14.5	15.1	15.8	14.5	16.0	14.0	13.3	13.5	14.4	13.3	14.1	14.5	13.9	13.9
11/7 9:20	1,970	1,939	2,000	1,997	1,999	2,005	2,001	2,001	2,000	2,000	1,999	1,848	1,944	2,000	1,967	13.3	13.8	14.9	14.1	15.6	14.8	14.5	13.0	14.0	13.6	12.6	13.6	12.8	13.9	11.6
11/7 9:30	1,995	1,999	1,999	1,972	1,994	2,001	1,997	1,973	1,975	2,000	2,000	793	1,944	1,951	1,966	13.6	14.6	14.4	14.0	14.7	15.4	15.4	11.2	11.7	12.8	13.2	13.1	12.9	12.1	11.2
11/7 9:40	1,999	1,817	1,973	1,974	1,999	2,000	2,000	1,975	1,795	2,000	2,000	1,985	1,898	1,835	1,883	13.6	12.4	13.4	13.3	13.6	14.4	14.6	11.1	10.1	11.5	12.3	11.4	10.8	11.3	11.5
11/7 9:50	1,998	1,931	2,006	1,970	1,886	1,791	1,971	1,995	1,856	1,983	2,000	2,003	1,939	1,991	1,999	14.1	13.0	13.5	12.7	12.6	12.2	13.4	11.5	10.8	11.7	12.7	11.4	12.4	13.2	11.9
11/7 10:00	1,927	1,979	1,992	2,004	1,851	1,986	2,005	1,996	1,994	1,999	2,000	2,001	1,944	2,000	2,001	13.1	12.9	13.3	13.4	13.8	13.8	14.3	11.9	11.8	12.8	14.2	13.8	13.1	14.3	13.8
11/7 10:10	2,013	2,000	2,006	1,952	1,981	1,924	1,948	2,004	2,003	2,000	2,000	2,001	1,944	2,001	1,999	14.8	14.0	14.6	12.9	13.7	13.0	13.3	12.7	12.4	12.6	12.4	13.3	12.5	13.1	12.5
11/7 10:20	1,933	1,929	2,001	1,976	1,976	1,976	2,001	2,001	2,000	1,999	2,000	1,667	1,944	1,999	2,000	13.1	13.0	14.1	13.8	13.6	13.4	14.4	12.4	11.8	12.2	12.7	11.9	13.0	13.8	13.6
11/7 10:30	2,015	1,923	1,950	1,963	1,995	1,971	1,897	1,985	1,759	2,000	2,000	615	1,868	1,958	1,999	14.4	12.8	13.3	12.9	13.7	13.4	12.4	11.7	10.5	12.1	12.7	12.3	11.4	12.1	11.4
11/7 10:40	1,982	1,936	1,987	1,895	1,846	1,517	1,854	2,017	1,796	2,000	1,998	977	1,939	1,994	1,735	14.0	13.2	13.4	12.7	12.3	11.0	12.4	11.6	11.5	12.6	13.0	12.6	12.0	12.0	9.9
11/7 10:50	1,794	1,824	2,011	1,903	1,884	1,769	1,988	1,945	1,999	2,000	1,999	1,999	1,923	1,987	2,014	12.4	12.1	13.0	12.5	12.8	12.7	13.1	12.0	12.1	13.1	12.7	12.7	12.1	11.8	12.0
11/7 11:00	1,908	1,715	1,900	1,918	1,991	1,995	1,999	2,017	1,985	1,955	1,936	1,977	1,906	1,883	1,972	12.7	11.3	11.9	12.3	13.7	13.8	13.5	12.8	11.4	10.9	11.0	11.2	11.3	11.3	11.6
11/7 11:10	1,775	1,596	1,779	1,976	1,965	1,789	1,965	1,986	1,984	1,942	1,987	2,001	1,941	2,012	2,001	12.0	11.1	11.6	12.7	13.3	11.9	13.5	12.4	11.5	11.2	12.5	12.6	12.7	12.5	13.0
11/7 11:20	1,842	1,845	1,929	1,879	1,966	1,998	1,907	1,979	1,866	1,985	1,999	938	1,944	1,919	1,976	12.5	12.1	13.4	13.5	13.9	14.1	13.8	11.9	10.6	11.6	12.5	12.6	12.9	12.4	11.3
11/7 11:30	2,013	1,994	1,999	1,985	2,010	1,942	2,006	2,000	2,010	2,002	1,996	65	1,942	1,891	2,007	13.3	13.1	14.6	14.0	13.7	13.3	14.5	12.1	12.4	11.6	12.9	12.7	12.1	11.4	11.6

11/7 13:40	1,998	1,973	1,924	1,992	1,951	2,010	1,967	1,910	2,003	2,009	1,954	-3	1,902	-7	1,917	13.6	12.9	12.4	12.8	12.9	14.3	13.0	10.7	11.7	11.7	11.2	12.5	10.7	10.7	10.6
11/7 13:50	1,820	1,933	1,876	1,875	1,743	1,960	1,847	1,815	1,664	1,717	1,786	-3	1,665	1,320	1,908	12.5	12.7	11.9	11.9	11.4	12.2	12.3	10.2	9.8	10.4	10.4	12.4	9.8	9.6	10.6
11/7 14:00	1,983	1,978	1,965	1,868	1,821	1,701	1,843	1,966	1,353	1,567	1,832	-4	1,886	1,767	1,955	13.6	13.3	13.1	12.2	12.2	11.4	12.3	10.8	8.9	9.5	10.5	12.3	10.5	11.1	11.9
11/7 14:10	1,733	1,681	1,619	1,517	1,561	1,734	1,794	1,928	1,722	1,742	1,812	-4	1,923	1,982	1,829	11.5	10.8	10.7	10.5	11.2	11.5	11.9	11.2	10.9	10.9	11.1	12.1	10.9	11.1	10.3
11/7 14:20	1,722	1,758	1,914	1,839	2,019	2,000	1,904	1,964	1,995	1,917	1,999	-4	1,838	1,833	1,756	12.3	11.2	12.0	12.3	13.5	13.0	12.7	11.7	11.2	11.2	11.7	12.0	10.3	10.5	9.6
11/7 14:30	1,832	1,658	1,882	1,909	1,978	1,916	1,341	1,982	1,833	1,785	1,941	-4	1,958	1,721	1,785	12.4	11.0	12.0	12.4	13.1	12.2	10.1	11.5	10.3	10.0	10.5	11.8	11.4	10.4	10.4
11/7 14:40	1,662	1,726	1,964	1,756	1,811	1,818	1,684	1,953	1,897	1,886	1,916	-4	1,942	1,955	1,894	11.6	11.3	12.1	11.7	12.2	11.9	11.5	11.4	10.9	10.8	10.3	11.7	12.0	11.7	10.7
11/7 14:50	1,473	1,276	1,580	1,647	1,794	1,771	1,510	1,865	1,892	1,723	1,962	-4	1,279	1,771	1,946	10.3	9.7	10.5	11.1	11.5	11.5	11.2	10.6	10.6	10.0	10.8	11.5	9.4	10.5	10.6
11/7 15:00	1,450	1,468	1,588	1,291	1,449	1,417	1,727	1,480	1,586	1,542	1,981	-4	10	1,945	1,705	10.7	10.5	10.7	9.9	10.7	10.5	11.5	8.9	9.3	9.2	10.7	11.4	10.3	11.1	9.5
11/7 15:10	1,320	1,347	1,651	1,546	1,776	1,767	1,720	1,203	1,415	1,571	1,747	-4	8	1,607	1,462	10.4	9.9	11.0	10.5	11.4	11.7	11.0	8.4	9.0	9.5	10.0	11.3	10.0	10.2	9.3
11/7 15:20	1,515	1,410	1,748	1,833	1,860	1,696	1,597	1,637	1,349	1,513	1,651	-4	6	1,859	1,760	10.6	10.2	11.2	11.8	11.7	11.5	10.7	9.8	8.7	9.2	9.5	11.1	9.8	10.7	9.9
11/7 15:30	1,320	1,150	1,487	1,503	1,613	1,516	1,210	1,497	1,172	1,270	1,511	-5	4	1,781	1,579	10.0	9.3	9.9	10.5	10.8	10.9	9.5	9.2	8.3	8.5	9.2	11.0	9.6	10.6	10.0
11/7 15:40	1,222	923	1,193	1,294	1,708	1,618	1,202	1,051	981	1,432	1,889	-5	3	1,644	1,854	9.7	8.5	9.3	9.8	11.3	11.5	9.6	8.0	8.0	9.0	10.2	10.8	9.4	9.6	9.9
11/7 15:50	1,231	1,391	1,690	1,654	1,444	1,289	1,254	1,389	1,221	952	1,195	-5	1	1,741	1,200	9.9	9.9	11.1	11.0	10.3	10.1	10.1	8.9	8.4	7.7	8.4	10.7	9.1	10.0	8.1
11/7 16:00	1,201	1,231	1,495	1,354	1,436	1,248	1,545	900	783	994	1,661	-5	-1	1,510	1,523	9.9	9.2	10.4	10.2	10.3	10.3	11.4	7.8	7.3	8.0	9.5	10.5	8.9	9.4	9.1
11/7 16:10	1,052	743	1,080	1,191	1,447	1,433	1,115	567	1,254	1,454	1,349	-5	-3	1,595	1,616	9.5	8.2	9.0	9.5	10.7	11.0	9.7	6.4	8.6	8.9	8.8	10.4	8.7	9.7	9.2
11/7 16:20	935	899	1,310	1,253	1,307	1,257	1,047	629	1,077	859	1,126	-5	119	1,190	1,131	8.5	8.7	9.4	9.4	10.0	9.8	9.4	6.7	8.2	7.5	8.1	10.3	8.5	8.9	8.0
11/7 16:30	829	749	1,113	1,122	1,230	1,152	1,073	732	752	730	1,168	-5	852	979	1,090	7.6	7.6	8.7	8.9	9.9	9.0	9.6	7.2	7.2	7.2	8.2	10.1	7.4	8.0	8.0
11/7 16:40	873	823	893	1,041	1,226	1,142	1,037	450	580	729	875	-5	757	872	837	7.8	8.0	7.9	8.7	10.0	9.1	9.7	6.2	6.7	7.3	7.4	10.0	7.2	7.9	7.3
11/7 16:50	925	806	986	963	1,133	1,232	1,164	208	584	733	927	-6	835	1,017	951	8.3	8.2	8.4	8.8	9.7	9.6	10.3	4.6	6.8	7.3	7.7	9.8	7.6	8.1	7.9
11/7 17:00	999	763	941	957	1,148	1,167	1,072	129	761	818	1,017	-6	968	984	951	8.8	8.3	8.4	8.9	10.0	9.9	10.1	3.7	7.5	7.7	7.9	9.7	7.9	7.8	8.0
11/7 17:10	1,128	888	1,197	1,258	1,449	1,515	1,380	176	861	931	1,229	-6	955	1,075	1,183	9.3	9.0	9.4	10.3	11.1	11.3	11.3	4.1	7.7	8.0	8.3	9.5	7.9	8.2	8.3
11/7 17:20	1,571	1,433	1,699	1,784	1,919	1,882	1,941	191	951	1,085	1,369	-6	1,174	1,316	1,299	10.7	9.9	11.0	11.2	11.7	12.6	12.4	4.4	7.9	8.4	8.8	9.4	8.4	8.9	8.5
11/7 17:30	1,821	1,730	1,898	1,819	1,979	1,940	1,860	391	1,335	1,420	1,761	-6	1,456	1,616	1,666	11.6	11.0	11.5	11.4	12.2	12.4	12.7	5.5	8.6	9.0	9.7	9.3	9.1	9.6	9.6
11/7 17:40	1,995	1,924	1,993	2,007	2,003	1,966	2,016	644	1,596	1,705	1,984	-6	1,861	1,968	2,000	12.3	11.4	12.7	12.9	13.5	13.1	12.8	6.5	9.4	9.7	10.3	9.1	9.9	10.6	10.3
11/7 17:50	1,849	1,853	2,008	1,958	1,977	1,924	1,890	1,210	1,833	1,881	2,002	-6	1,988	2,007	1,999	11.4	11.5	11.9	12.0	13.0	13.0	11.9	8.1	9.9	10.2	10.7	9.0	10.1	11.0	10.5
11/7 18:00	1,440	1,308	1,533	1,429	1,551	1,314	1,120	475	1,704	1,791	2,000	-6	1,944	1,987	2,000	10.6	10.2	10.7	10.6	11.2	10.7	10.1	5.6	9.7	9.9	10.5	8.8	10.2	10.8	10.2
11/7 18:10	1,175	1,040	1,397	1,649	1,772	1,670	1,572	470	1,777	1,914	1,999	-6	1,771	1,942	1,998	10.3	9.6	10.6	11.2	11.9	12.3	12.1	5.7	9.7	10.1	10.6	8.7	9.7	10.6	10.3
11/7 18:20	1,506	1,280	1,732	1,781	2,021	1,940	1,903	414	1,794	1,949	1,999	42	1,867	1,940	1,928	10.9	10.2	10.7	10.9	12.3	12.1	12.4	5.6	10.0	10.2	10.5	8.8	9.9	10.8	10.4
11/7 18:30	1,876	1,746	1,940	1,978	2,000	1,958	1,921	638	1,837	2,014	2,000	1,989	1,977	1,943	1,960	12.2	11.4	11.8	12.1	12.2	12.3	12.3	6.4	9.9	10.5	10.6	10.4	10.1	10.7	10.4
11/7 18:40	1,944	1,840	1,999	1,925	1,995	1,868	1,730	574	1,834	1,883	1,999	2,014	1,989	2,004	2,015	12.2	11.5	12.3	11.7	12.3	11.8	11.8	6.1	9.9	10.0	10.6	10.4	10.3	11.1	10.7
11/7 18:50	1,818	1,580	1,695	1,757	1,864	1,534	1,307	447	1,644	1,864	1,934	1,907	1,944	1,992	1,938	11.9	11.3	10.9	11.3	12.0	10.9	10.8	5.7	9.4	10.1	10.3	10.0	10.0	11.0	10.4
11/7 19:00	1,505	1,231	1,710	1,746	1,751	1,467	1,456	465	1,613	1,868	1,958	1,951	1,901	1,999	2,003	10.6	10.5	11.2	11.7	12.0	11.6	11.2	5.9	9.4	10.1	10.4	10.0	10.1	11.4	11.0
11/7 19:10	1,930	1,615	1,995	1,952	1,939	1,768	1,799	490	1,577	1,923	2,000	1,988	1,961	2,002	1,935	12.4	11.9	12.1	12.6	12.8	12.6	12.2	5.9	9.3	10.2	10.8	10.4	10.2	10.7	10.1
11/7 19:20	1,959	1,767	1,952	2,008	2,001	2,002	1,999	572	1,797	2,009	2,000	1,925	1,865	1,989	1,928	12.1	11.3	11.8	12.9	13.1	13.2	12.3	6.2	9.9	10.6	11.0	10.2	10.3	11.1	11.0
11/7 19:30	1,896	1,825	1,946	2,003	1,968	1,990	1,926	1,213	1,975	2,005	2,000	2,010	2,003	2,007	1,998	12.6	11.3	11.7	12.9	12.8	12.3	12.6	8.2	10.6	10.8	11.5	11.2	11.4	11.4	11.7
11/7 19:40	2,017	1,902	1,955	1,899	1,929	1,956	1,964	1,750	1,891	1,907	1,999	1,998	1,996	2,000	1,989	13.5	11.5	12.0	12.4	13.0	12.4	12.4	10.1	10.4	10.2	11.2	11.8	10.8	11.9	11.3
11/7 19:50	1,879	1,636	1,934	1,981	1,994	1,841	1,790	1,753	1,808	1,786	1,989	1,920	1,941	1,877	1,895	12.1	10.7	12.1	12.5	12.8	11.8	11.4	9.9	10.0	9.8	10.4	11.1	10.7	10.8	10.2
11/7 20:00	1,972	1,992	2,009	2,020	2,007	2,000	2,017	1,989	1,959	2,010	1,992	2,016	1,921	2,003	2,017	12.6	12.3	12.9	14.0	13.6	13.2	13.3	10.7	10.4	11.6	11.6	11.1	10.6	11.2	11.5
11/7 20:10	2,020	1,972	2,000	1,947	1,999	2,010	2,000	2,002	2,006	1,997	2,000	2,000	1,985	1,947	1,967	13.6	13.1	13.8	13.0	12.9	13.7	14.0	11.7	11.7	11.9	12.8	11.4	10.8	12.0	11.3
11/7 20:20	1,924	1,979	1,985	2,004	1,986	1,993	1,998	2,001	1,962	1,998	1,998	1,994	1,982	1,970	2,009	12.5	12.3	13.0	13.2	13.7	13.5	13.0	11.2	11.0	11.3	11.5	11.5	10.9	11.2	11.4
11/7 20:30	1,970	1,747	2,013	2,000	1,999	1,953	1,988	2,000	1,915	1,949	2,000	2,005	1,928	1,962	1,999	13.0	11.5	12.9	13.3	14.3	12.9	13.2	11.4	10.4	10.6	11.4	11.3	10.7	11.4	11.2
11/7 20:40	1,998	1,825																												

11/7 22:30	2,001	1,999	2,001	2,000	2,001	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,001	2,000	2,000	16.7	15.9	17.4	16.9	17.5	16.9	16.5	14.1	14.2	14.5	16.2	15.5	13.9	13.9	14.7
11/7 22:40	2,000	2,001	2,000	2,000	2,000	2,000	2,000	2,001	2,000	2,000	2,000	2,000	2,000	2,000	2,000	15.5	15.3	17.7	16.1	17.7	17.6	16.3	15.3	14.8	14.7	15.3	13.8	13.7	14.8	15.6
11/7 22:50	1,710	1,748	1,941	1,640	1,634	1,748	1,537	1,712	1,540	1,574	1,598	1,852	1,609	1,848	1,578	15.1	15.2	16.4	15.3	16.7	16.5	17.5	14.9	14.6	15.2	14.2	14.4	13.8	14.2	14.6
11/7 23:00	-5	-4	8	-5	-6	-3	-5	-4	-5	-4	-3	0	-5	-1	-5	16.6	15.0	16.3	15.6	17.4	17.8	17.0	16.3	14.2	16.1	14.8	13.9	14.6	14.4	15.4
11/7 23:10	-6	-6	-4	-6	-6	-4	-4	-5	-5	-6	-3	-4	-6	-4	-6	14.8	14.8	16.7	17.0	16.9	16.8	16.5	15.5	13.9	15.1	15.4	14.6	14.3	14.0	13.9
11/7 23:20	1,461	1,490	1,476	1,480	1,440	1,478	1,340	1,447	1,336	1,478	1,457	1,469	1,463	1,472	1,464	15.5	14.0	14.9	15.6	16.0	16.3	15.6	14.8	13.8	14.8	14.3	13.7	12.8	13.4	13.4
11/7 23:30	2,000	2,000	2,000	2,000	1,999	2,000	1,223	2,000	1,205	2,000	2,000	2,000	2,000	2,000	2,000	14.6	14.5	14.7	15.6	16.0	15.8	14.9	14.4	13.4	13.9	13.7	13.3	12.7	13.7	13.2
11/7 23:40	1,999	2,000	2,000	1,998	2,000	2,000	2,000	2,000	1,999	1,999	2,000	2,000	1,999	2,000	2,000	14.4	14.3	14.8	15.1	15.5	16.3	15.3	14.6	13.7	13.9	14.0	13.1	13.0	13.7	13.0
11/7 23:50	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,999	2,000	2,000	1,999	1,999	2,000	14.7	13.9	15.2	14.8	15.9	15.3	15.8	14.4	13.6	14.4	13.9	13.2	12.7	13.9	12.7
11/8 0:00	2,000	2,000	2,000	2,000	2,000	1,999	2,001	2,000	2,000	2,000	944	2,000	2,000	2,000	2,000	15.0	14.8	15.1	14.9	15.1	14.7	14.9	15.1	14.3	14.4	14.3	13.8	13.0	14.4	13.7
11/8 0:10	1,999	1,999	2,000	1,344	1,999	1,999	1,999	1,999	2,000	2,000	2,000	1,668	2,000	2,000	2,000	14.9	14.1	14.9	16.0	16.1	14.6	16.0	14.8	13.9	15.1	14.5	14.0	12.7	14.0	13.4
11/8 0:20	2,000	2,000	2,000	1,262	2,001	2,000	2,001	2,000	2,000	1,999	2,000	604	2,000	1,999	2,000	14.6	14.6	15.0	15.0	15.6	15.4	14.7	14.4	13.7	13.4	14.1	13.6	12.7	12.8	13.3
11/8 0:30	2,000	1,998	2,000	1,999	2,000	2,000	1,999	2,000	2,000	2,000	550	2,000	2,000	2,000	2,000	14.3	13.1	15.2	14.2	15.0	14.5	14.4	14.6	13.7	13.5	13.6	13.1	12.2	13.3	12.4
11/8 0:40	2,000	2,000	1,999	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,014	2,001	2,000	1,999	1,999	14.5	13.6	14.8	13.7	15.5	15.0	14.4	14.1	13.2	13.6	13.3	12.1	11.7	13.4	12.6
11/8 0:50	2,000	2,000	2,000	1,998	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,001	1,999	14.6	14.6	15.0	14.0	15.1	14.8	13.9	14.1	13.1	12.9	13.1	12.3	12.0	13.3	13.2
11/8 1:00	1,999	1,999	1,999	2,000	1,999	2,000	2,000	2,000	2,000	2,000	1,157	2,000	2,001	2,000	2,000	15.2	13.8	14.9	14.1	14.8	15.0	14.6	14.2	13.2	13.5	13.6	13.2	12.0	12.7	12.6
11/8 1:10	2,001	2,001	2,000	2,000	2,000	2,000	2,000	1,999	2,000	2,000	2,000	-1	2,000	2,000	2,000	15.8	14.1	15.5	14.2	15.5	14.8	14.9	15.1	14.0	14.9	14.7	15.0	12.5	14.4	13.7
11/8 1:20	1,999	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	-1	2,000	2,000	2,000	14.8	14.7	14.7	14.8	16.2	15.6	15.3	15.8	14.6	15.2	16.1	15.1	13.7	14.6	13.7
11/8 1:30	2,000	2,001	2,000	2,000	2,000	1,999	2,000	2,000	2,001	2,000	2,000	-2	2,000	2,000	2,000	15.6	15.2	15.7	15.9	17.9	16.4	16.0	15.7	14.5	15.5	15.5	15.6	13.1	14.7	14.1
11/8 1:40	2,001	1,999	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,001	2,000	-2	2,000	2,000	2,000	16.4	14.9	16.2	16.6	18.5	17.3	17.2	15.8	13.9	15.5	15.4	15.4	14.6	15.5	14.4
11/8 1:50	1,999	1,999	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	-2	2,000	2,001	2,000	16.3	15.4	16.5	15.9	17.6	16.0	17.4	16.7	15.4	15.3	15.7	16.0	13.5	14.9	14.3
11/8 2:00	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,999	2,000	1,999	2,000	-2	2,000	2,000	1,999	16.9	15.2	16.3	16.0	17.7	17.2	16.9	16.6	15.8	15.3	16.2	15.2	13.4	14.7	13.7
11/8 2:10	1,997	2,000	2,000	2,000	2,000	2,000	2,000	2,001	2,000	2,000	2,000	-2	2,000	2,001	2,000	14.6	14.8	15.7	15.7	17.1	16.5	15.7	15.8	14.6	15.3	15.3	14.4	13.8	14.0	14.2
11/8 2:20	2,001	2,000	1,999	2,000	1,999	2,000	2,000	2,000	1,998	2,000	2,000	-2	2,000	2,000	2,000	13.8	13.7	14.7	15.4	16.4	14.9	15.5	14.3	13.9	14.3	15.3	14.2	13.0	13.8	13.3
11/8 2:30	1,999	2,000	2,000	2,000	2,000	2,000	1,998	2,000	2,001	2,000	2,000	-2	2,000	2,000	1,999	14.5	13.7	14.1	14.6	15.3	14.6	14.8	14.7	12.9	13.3	13.5	12.9	12.2	13.2	12.6
11/8 2:40	1,822	1,931	1,962	1,789	1,786	1,922	1,654	1,823	1,651	1,687	1,719	-2	1,717	1,959	1,693	14.0	13.7	14.0	13.9	15.2	14.3	14.6	14.7	13.5	13.9	13.5	13.8	13.1	13.6	13.1
11/8 2:50	-4	4	15	-4	-7	7	-5	-4	-4	-5	-5	-2	-6	13	-6	14.8	14.2	15.4	14.6	16.6	15.6	16.1	14.3	13.3	14.2	14.0	14.2	13.1	13.8	14.2
11/8 3:00	-6	-4	-3	-4	-5	-2	-4	-4	-4	-4	-6	-2	-5	-2	-3	14.6	14.9	16.7	16.4	16.7	16.2	16.5	13.8	12.8	13.4	13.7	13.2	12.7	13.0	13.3
11/8 3:10	817	801	835	844	746	748	829	827	837	834	839	-2	836	845	836	15.2	13.8	13.7	14.9	15.3	15.3	14.2	13.7	12.5	14.4	14.3	13.7	13.8	13.9	13.7
11/8 3:20	1,976	1,970	1,993	2,002	1,995	1,962	1,685	2,000	1,664	2,000	2,000	-1	2,000	2,000	2,000	12.8	12.9	12.7	13.2	14.4	13.2	13.8	14.8	14.7	14.4	15.0	14.6	13.0	14.2	13.8
11/8 3:30	1,958	1,969	1,958	1,908	1,955	1,951	1,948	1,949	1,950	1,949	1,945	-1	1,948	1,954	1,951	13.7	13.3	14.4	12.9	13.9	14.4	13.7	15.2	13.9	14.0	14.1	14.5	12.8	13.4	13.5
11/8 3:40	2,001	2,001	2,005	2,022	2,000	2,000	2,001	2,002	2,000	2,000	2,002	-1	2,001	2,000	2,000	14.5	13.8	14.0	13.2	14.4	14.1	14.1	14.4	12.9	13.8	14.2	14.2	12.2	13.9	14.2
11/8 3:50	1,998	1,989	1,997	1,997	2,000	1,971	2,000	2,000	2,000	2,000	2,000	-1	2,000	1,999	2,000	13.3	13.8	14.2	14.3	15.5	14.5	14.3	13.7	14.0	14.6	13.8	14.8	13.8	14.0	14.1
11/8 4:00	1,998	1,914	2,000	2,000	2,000	1,985	2,000	2,000	2,000	2,001	2,000	-1	2,000	2,000	2,000	13.6	12.4	13.6	14.4	15.6	14.4	13.9	15.2	13.5	14.1	14.9	13.8	13.4	14.1	14.2
11/8 4:10	1,963	1,973	1,996	1,996	1,999	2,006	1,999	2,000	2,000	2,000	2,000	-1	2,000	2,000	1,996	12.9	12.8	13.9	13.5	14.9	12.9	14.1	14.6	13.2	13.8	13.4	13.5	12.7	13.5	12.7
11/8 4:20	2,001	1,980	1,999	1,994	1,997	2,006	2,000	1,999	1,999	2,000	2,000	-1	2,000	1,999	2,002	12.9	12.3	13.7	13.8	14.1	13.1	13.1	13.7	13.9	13.4	13.4	13.2	11.9	13.0	13.1
11/8 4:30	1,898	1,874	1,974	1,976	2,003	2,000	1,999	2,001	2,000	2,000	2,000	-1	2,000	1,999	2,000	12.8	12.3	11.9	12.6	14.6	14.0	14.2	13.6	12.7	13.0	12.2	12.6	11.5	12.6	12.4
11/8 4:40	1,970	2,013	2,010	1,998	2,000	1,994	1,998	1,999	2,000	2,000	2,000	-1	2,000	2,000	2,000	12.3	12.9	12.7	12.4	13.8	13.4	13.3	13.0	12.7	12.9	12.8	12.9	11.0	12.6	12.3
11/8 4:50	1,986	1,991	1,911	2,018	2,000	1,988	2,000	2,000	2,000	2,000	1,999	-1	2,001	1,991	2,000	12.8	12.0	11.7	12.9	13.2	13.6	14.0	13.2	12.8	12.3	12.9	12.7	11.0	11.5	11.8
11/8 5:00	2,007	1,927	1,956	1,965	1,999	1,986	2,000	2,000	2,000	1,999	2,000	-1	1,983	1,981	1,936	12.6	11.5	12.2	12.4	13.5	13.6	13.5	12.9	11.8	12.3	12.6	11.8	11.2	11.5	10.5
11/8 5:10	1,893	1,929	2,015	1,981	1,987	2,005	1,992	1,998	1,999	1,999	2,000	-1	2,002	2,007	1,931	11.7	11.4	12.6	12.5	13.1	13.6	13.2	11.9	11.5	12.6	12.8	11.6	11.1	11.8	10.7
11/8 5:20	1,931	1,895	1,926	1,910	1,918	1,917	1,981	1,999	1,999	2,000	2,000	-1	1,978	1,934	2,001	12.1	11.3	11.9	11.7	12.4	11.5	12.6	11.6	11.7	12					

11/8 7:20	1,862	1,666	1,991	1,868	1,931	1,837	1,760	1,985	2,000	2,000	2,000	1,998	1,930	2,001	2,000	11.7	10.5	12.5	11.7	12.2	11.4	11.2	11.6	12.7	12.2	13.1	11.2	11.3	11.6	11.4
11/8 7:30	1,758	1,430	1,761	1,831	1,904	1,774	1,804	1,668	1,985	1,967	1,973	607	1,867	1,950	1,947	11.1	9.7	10.9	11.3	11.7	11.0	11.2	9.5	10.8	11.2	11.5	9.5	10.3	10.6	10.4
11/8 7:40	1,491	1,101	1,219	1,455	1,517	1,519	1,418	1,216	1,377	1,232	1,722	778	1,316	1,304	1,599	9.8	8.9	9.1	9.8	10.3	11.1	10.2	8.1	8.8	8.3	9.6	8.8	8.6	8.5	9.2
11/8 7:50	684	381	605	649	659	932	941	847	1,291	1,124	1,267	48	1,228	1,294	923	6.9	5.8	6.5	7.0	7.6	8.2	8.3	7.5	8.3	8.0	8.4	7.5	8.3	8.2	7.6
11/8 8:00	317	206	359	409	503	493	476	594	836	654	836	306	656	666	911	5.4	4.9	5.5	5.8	6.6	6.5	6.4	6.6	7.3	6.5	7.2	6.7	6.7	6.5	7.1
11/8 8:10	369	227	288	258	393	630	777	577	472	463	506	-1	209	41	316	6.1	5.1	5.2	5.2	6.0	7.2	8.0	6.6	5.8	6.0	6.1	6.2	4.7	5.3	5.3
11/8 8:20	754	577	701	558	571	754	1,007	287	492	291	536	-1	412	87	340	7.3	6.7	7.5	6.9	7.3	7.7	8.8	5.2	6.2	5.1	6.3	5.1	5.7	6.6	5.5
11/8 8:30	579	510	852	833	904	868	992	461	318	225	493	0	227	226	163	6.8	6.6	7.9	7.8	8.6	8.1	8.7	6.0	5.3	4.9	6.1	6.0	4.9	4.4	4.3
11/8 8:40	992	1,008	934	836	1,092	1,004	1,174	441	358	560	566	0	215	206	249	8.8	8.3	7.9	7.9	9.2	8.6	9.4	5.9	5.7	6.3	6.3	6.6	5.0	4.2	4.8
11/8 8:50	1,009	1,280	1,092	994	1,360	1,491	1,555	507	711	502	908	26	422	216	324	8.7	9.5	8.6	8.5	9.9	10.3	10.8	6.1	6.8	6.3	7.3	7.1	5.8	4.5	5.4
11/8 9:00	968	1,198	1,614	1,243	1,605	1,552	1,614	1,202	920	665	852	315	388	285	439	8.6	9.1	10.4	9.4	10.6	10.4	11.0	8.2	7.6	6.7	7.3	7.4	5.9	5.1	5.8
11/8 9:10	1,130	1,333	1,558	1,123	1,346	1,342	1,551	780	650	767	718	85	834	714	523	9.0	9.3	10.1	8.7	9.6	9.5	10.5	7.2	6.6	7.2	7.1	7.5	7.2	6.8	6.5
11/8 9:20	1,397	1,221	1,418	1,485	1,619	1,567	1,657	816	751	795	849	83	957	619	1,011	9.8	9.2	9.6	10.0	10.3	10.2	10.9	7.2	7.0	7.1	7.3	8.1	7.5	6.5	7.6
11/8 9:30	1,501	1,652	1,609	1,325	1,425	1,272	1,518	1,043	632	696	1,135	-1	585	565	821	10.3	11.0	10.2	9.2	10.1	9.2	10.5	7.8	6.9	6.9	8.2	8.5	6.5	6.3	7.4
11/8 9:40	1,096	1,385	1,427	1,305	1,505	1,569	1,498	1,027	1,011	613	881	-1	757	808	886	8.7	10.2	9.6	9.4	10.7	10.2	10.4	7.7	7.9	6.7	7.3	8.8	6.8	7.0	7.4
11/8 9:50	1,092	824	1,041	1,257	1,333	1,319	1,478	929	788	607	834	-1	901	714	681	8.8	7.9	8.6	9.5	10.1	9.4	10.3	7.6	7.2	6.4	7.2	8.7	7.4	6.8	7.0
11/8 10:00	1,122	954	1,424	1,355	1,331	1,150	1,050	602	682	533	604	-1	687	1,036	878	8.1	8.4	10.0	9.4	9.8	8.8	8.8	6.6	6.8	6.1	6.6	8.6	6.7	7.7	7.5
11/8 10:10	1,145	1,358	1,471	1,168	1,220	1,038	1,199	534	520	557	731	-2	386	656	833	9.3	10.3	10.0	9.0	9.6	8.7	9.7	6.2	6.4	6.5	7.0	8.5	5.6	6.8	7.2
11/8 10:20	1,159	1,228	1,654	1,274	1,450	1,331	1,522	783	387	631	753	-2	512	569	674	9.2	9.3	10.2	9.5	10.1	9.7	10.2	7.2	5.5	6.6	7.3	8.4	6.3	6.1	6.9
11/8 10:30	1,327	1,399	1,509	1,067	1,344	1,438	1,593	824	553	541	545	-2	795	847	1,004	9.7	9.6	9.7	8.5	9.7	10.2	10.5	7.2	6.5	6.4	6.3	8.3	7.2	7.2	7.8
11/8 10:40	1,505	1,581	1,678	1,246	1,212	1,326	1,278	1,000	768	526	669	-2	1,036	1,203	1,282	10.3	10.5	11.0	9.5	9.2	9.9	9.5	7.8	7.2	6.4	7.0	8.2	7.7	8.3	8.5
11/8 10:50	1,749	1,687	1,755	1,444	1,612	1,478	1,027	1,121	1,045	934	904	-2	865	911	926	11.3	11.1	10.7	10.2	10.5	10.4	8.2	8.0	8.0	7.6	7.5	8.1	7.5	7.5	7.8
11/8 11:00	1,837	1,721	1,691	1,201	1,203	1,068	1,409	1,558	1,243	1,058	1,143	-2	1,215	977	918	11.9	11.1	10.7	9.4	9.5	9.1	10.5	9.1	8.5	7.9	8.1	8.0	8.3	7.6	7.6
11/8 11:10	1,603	1,423	1,100	961	1,207	1,323	1,344	1,360	1,376	1,296	908	-3	903	971	1,256	11.0	10.2	8.8	8.4	9.8	10.5	10.0	8.6	8.7	8.4	7.6	7.9	7.6	7.9	8.5
11/8 11:20	1,293	1,143	879	1,155	1,367	1,214	1,497	801	655	714	702	-3	910	1,076	1,120	10.0	9.4	8.2	9.3	9.8	9.8	9.8	7.2	6.6	7.0	6.9	7.8	7.1	7.8	7.8
11/8 11:30	1,149	930	969	1,161	1,319	1,232	1,504	1,015	625	726	1,064	-3	677	811	784	9.4	8.6	8.2	9.0	9.6	9.9	10.3	7.8	6.8	6.9	8.0	7.7	6.8	7.2	7.2
11/8 11:40	1,426	1,614	1,548	1,378	1,521	1,369	1,688	763	771	974	1,148	-3	575	603	732	10.7	11.2	10.1	9.7	10.3	10.1	11.0	7.1	7.1	7.6	8.1	7.6	6.6	6.4	7.2
11/8 11:50	1,629	1,659	1,810	1,193	1,340	1,215	1,226	902	803	804	574	-3	908	759	914	10.9	10.5	10.9	9.3	9.5	9.2	9.1	7.6	7.4	7.1	6.7	7.5	7.5	7.0	7.5
11/8 12:00	1,320	1,467	1,205	1,119	693	648	976	714	585	895	702	-4	750	856	871	10.5	9.9	9.0	8.9	7.1	7.2	8.7	7.0	6.5	7.4	6.9	7.4	7.0	7.2	7.6
11/8 12:10	1,378	1,247	1,084	880	982	949	1,369	1,215	406	662	870	-4	873	931	1,134	10.2	9.1	8.7	7.8	8.8	8.5	9.8	8.5	6.0	6.8	7.6	7.3	7.6	7.8	8.0
11/8 12:20	1,600	1,383	1,459	1,269	1,229	1,079	1,026	1,195	858	531	920	-4	1,052	913	1,249	11.1	9.7	10.0	9.5	9.6	8.9	8.6	8.3	7.5	6.4	7.7	7.2	7.8	7.4	8.2
11/8 12:30	1,282	1,211	1,512	1,528	1,569	1,266	1,041	1,130	603	896	1,286	-4	898	1,294	1,362	9.6	9.5	10.3	10.4	10.7	9.5	9.2	8.1	6.6	7.5	8.5	7.1	7.4	8.6	8.6
11/8 12:40	1,426	1,304	1,610	1,516	1,540	1,464	1,742	1,387	866	1,080	1,178	-4	973	1,216	1,361	10.1	9.8	10.2	10.2	10.5	10.7	12.0	8.7	7.4	7.8	8.2	7.0	7.6	8.3	8.4
11/8 12:50	1,266	1,187	1,332	1,074	1,293	1,118	1,168	909	646	979	969	-5	1,185	1,035	1,222	9.4	9.6	9.7	8.7	9.5	9.2	9.6	7.5	6.7	7.6	7.8	6.9	8.3	7.9	8.4
11/8 13:00	1,083	1,165	1,285	955	1,144	1,202	1,525	972	524	1,242	1,694	-6	1,043	1,151	1,144	9.3	9.3	9.3	8.4	9.1	9.7	9.9	7.9	6.4	8.5	9.5	7.3	7.8	8.3	8.2
11/8 13:10	1,449	1,407	913	1,076	1,190	847	1,026	1,388	1,354	1,217	1,675	149	1,039	1,129	1,675	10.5	9.3	8.2	8.8	9.2	8.5	9.1	8.5	8.6	8.3	9.6	9.8	7.7	8.3	9.3
11/8 13:20	1,264	1,001	1,405	694	840	874	1,093	1,408	1,383	1,527	1,137	1,103	1,199	1,479	1,363	9.3	8.9	9.4	7.5	8.2	8.6	8.8	8.8	8.8	9.1	8.3	8.0	8.2	8.3	8.6
11/8 13:30	1,010	964	847	1,052	1,139	1,034	1,162	1,466	1,204	982	1,572	1,086	1,107	1,279	852	8.7	9.0	8.0	8.2	9.1	9.0	9.6	9.0	8.2	7.5	9.1	7.9	7.9	8.6	7.6
11/8 13:40	1,001	1,188	1,178	1,251	1,221	873	1,125	1,285	858	585	1,067	1,012	812	786	778	8.6	9.3	9.3	9.3	9.4	8.3	9.1	8.4	7.4	6.5	7.9	7.9	7.3	7.0	7.1
11/8 13:50	1,119	1,332	1,405	1,291	1,310	1,003	1,273	709	934	999	1,174	976	997	1,259	1,168	9.2	9.8	9.7	9.3	9.9	8.9	9.8	7.0	7.8	8.0	8.3	7.6	7.6	8.6	7.9
11/8 14:00	1,478	1,604	1,726	1,703	1,678	1,547	1,741	1,320	990	1,025	1,083	1,263	1,257	1,317	1,192	10.2	10.4	10.8	11.0	11.2	10.8	11.2	8.5	7.6	7.6	8.1	8.5	8.3	8.8	8.3
11/8 14:10	1,141	1,256	1,187	1,302	1,457	1,359	1,584	1,617	1,056	711	1,013	1,424	1,459	1,593	1,587	8.9	9.4	9.1	9.7	10.5	10.4	10.9	9.4	7.8	7.1	7.7	8.8	8.6	9.3	9.5
11/8 14:20	1,214	1,052	960	1,002	1,210	1,402	1,466	1,284	937	849	1,215	224	1,122	1,349	1,302	9.2	8.5	8.7	8.7	9.2	9.9	10.4	8.6	7.8	7.4	8.2	8.0	8.0	8.7	8.8
11/8 14:30	1,330	1,385	1,601	1,064	1,172	1,316	1,393	1,685	796	1,117	1,564	648	1,098	1,150	1,363	10.3	10.4	10.1	8.9	9.1	9.7	10.4	9.6	7.3	8.1	9.1	8.2	7.8	8.1	8.7
11/8 14:40	1,489	1,166	1,225	1,247	1,443	1,616	1,702	1,190	802	1,464	1,2																			

11/8 16:10	1,310	1,262	1,287	1,460	1,579	1,517	1,492	1,528	905	1,074	1,331	1,108	978	1,429	1,535	9.5	9.4	9.4	10.0	10.4	10.5	10.3	9.2	7.3	7.8	8.4	8.2	7.6	9.0	9.1
11/8 16:20	928	1,097	1,370	1,218	1,403	1,361	1,357	1,452	958	1,247	1,270	819	1,104	1,336	1,701	8.7	9.0	9.9	9.2	10.0	10.0	10.0	8.9	7.7	8.4	8.6	7.0	8.0	8.9	9.3
11/8 16:30	1,079	797	924	929	1,371	1,313	1,508	1,323	1,225	1,358	1,225	1,112	1,059	1,087	1,126	8.5	7.6	8.0	8.3	9.9	9.6	10.5	8.6	8.4	8.7	8.3	7.9	7.9	7.9	8.2
11/8 16:40	1,034	959	1,063	848	1,183	1,361	1,578	1,174	1,097	1,119	1,229	956	831	850	1,015	8.3	8.4	8.4	8.0	9.2	10.0	10.7	8.1	8.0	8.0	8.4	7.7	7.3	7.3	7.7
11/8 16:50	1,138	1,225	1,285	1,338	1,715	1,652	1,603	1,060	846	1,102	881	756	870	859	894	8.9	9.4	9.3	9.6	10.9	10.9	10.7	7.9	7.2	7.9	7.4	7.1	7.5	7.2	7.3
11/8 17:00	1,551	1,318	1,390	1,233	1,615	1,433	1,636	902	615	940	841	898	804	803	1,065	9.9	9.3	9.4	9.1	10.5	10.0	11.0	7.5	6.6	7.6	7.4	7.7	7.2	7.1	7.9
11/8 17:10	1,514	1,260	1,475	1,237	1,631	1,493	1,583	930	688	940	1,022	798	859	1,268	1,325	9.9	9.2	9.6	9.3	10.6	10.3	10.8	7.8	6.8	7.6	7.8	7.2	7.4	8.5	8.4
11/8 17:20	1,638	1,444	1,400	1,403	1,588	1,359	1,562	981	691	1,037	954	924	762	784	824	10.5	9.6	9.4	9.7	10.4	9.8	10.7	7.7	6.8	7.9	7.7	7.6	7.2	7.0	7.2
11/8 17:30	1,602	1,559	1,660	1,314	1,600	1,445	1,403	1,093	865	682	767	748	662	778	858	10.5	9.8	10.3	9.1	10.3	10.0	9.9	8.0	7.4	6.9	7.1	7.2	6.9	7.1	7.2
11/8 17:40	1,600	1,453	1,610	1,440	1,572	1,544	1,613	884	656	722	753	832	723	983	985	10.9	9.4	10.1	9.8	10.2	10.2	10.5	7.6	6.8	7.1	7.1	7.4	7.1	7.9	7.7
11/8 17:50	1,487	1,440	1,625	1,344	1,702	1,636	1,587	1,050	829	874	1,153	1,069	1,168	1,317	1,129	10.8	9.6	10.6	9.3	10.6	10.8	10.6	7.8	7.4	7.5	8.2	7.9	8.3	8.6	8.4
11/8 18:00	1,583	1,569	1,556	1,426	1,768	1,676	1,766	943	717	964	994	983	1,022	1,199	1,173	11.2	10.0	10.4	9.8	10.8	10.7	11.2	7.7	6.8	7.7	7.7	7.6	7.7	8.4	8.3
11/8 18:10	1,629	1,547	1,768	1,550	1,915	1,874	1,893	1,273	890	1,162	1,219	1,177	829	1,175	1,242	11.2	10.0	11.2	10.0	11.6	11.6	11.7	8.5	7.5	8.2	8.2	8.1	7.4	8.3	8.3
11/8 18:20	1,552	1,429	1,590	1,496	1,761	1,877	1,914	1,158	810	1,094	1,128	1,098	860	1,161	1,255	10.5	9.6	10.4	9.7	10.8	11.5	11.8	8.1	7.2	7.8	8.1	8.2	7.3	8.1	8.4
11/8 18:30	1,720	1,578	1,747	1,665	1,914	1,787	1,979	1,136	617	845	1,015	688	796	897	1,328	11.5	9.9	10.9	10.4	11.4	10.9	12.0	8.1	6.7	7.4	7.9	6.7	7.2	7.3	8.9
11/8 18:40	1,515	1,609	1,539	1,371	1,612	1,747	1,887	1,238	667	774	1,181	899	775	849	1,434	11.0	10.2	10.1	9.4	10.5	11.0	11.8	8.4	6.8	7.0	8.2	7.4	7.3	7.3	9.0
11/8 18:50	1,391	1,739	1,452	1,576	1,873	1,833	1,917	1,134	957	722	987	1,035	738	903	1,171	10.5	10.9	10.1	10.2	11.5	11.3	12.0	8.1	7.7	7.0	7.8	7.9	7.2	7.3	8.0
11/8 19:00	1,539	1,660	1,741	1,608	1,891	1,915	1,759	979	735	949	1,413	1,110	1,021	1,431	983	10.9	10.5	10.5	10.3	11.4	11.7	11.1	7.8	7.0	7.5	8.8	8.0	7.9	9.0	7.8
11/8 19:10	1,784	1,785	1,771	1,765	1,972	1,958	1,847	1,050	898	1,016	1,745	1,497	1,294	1,441	1,468	11.8	11.1	10.7	11.1	12.6	12.3	11.8	7.9	7.5	7.9	9.6	8.9	8.5	9.2	8.9
11/8 19:20	1,594	1,733	1,787	1,722	1,669	1,810	1,914	1,734	1,672	1,810	1,756	1,454	1,526	1,565	1,528	10.7	10.6	10.8	10.7	10.7	11.4	12.0	9.7	9.3	9.8	9.6	8.9	9.1	9.4	9.2
11/8 19:30	1,814	1,399	1,716	1,494	1,550	1,640	1,799	1,919	1,731	1,922	1,828	1,812	1,424	1,718	1,462	11.1	9.3	10.7	9.8	11.1	10.7	11.1	10.2	9.6	10.3	10.0	9.7	8.7	10.0	9.0
11/8 19:40	1,624	1,758	1,725	1,604	1,792	1,770	2,004	1,850	1,700	1,781	1,973	1,707	1,537	1,855	1,695	10.2	10.5	10.8	10.1	12.0	11.1	11.8	10.0	9.6	9.5	10.4	9.3	8.9	10.2	9.6
11/8 19:50	1,566	1,500	1,579	1,368	1,479	1,752	1,887	1,755	1,414	1,750	1,976	1,695	1,729	1,655	1,897	10.7	9.7	10.1	9.3	10.5	10.9	11.6	9.7	8.8	9.5	10.6	9.4	9.6	9.6	9.9
11/8 20:00	1,735	1,566	1,473	1,632	1,640	1,505	1,522	1,691	1,551	1,597	1,777	1,466	1,494	1,527	1,631	11.3	10.4	9.7	10.4	11.0	9.9	10.1	9.3	9.0	9.3	9.7	9.0	8.9	9.6	9.2
11/8 20:10	1,808	1,536	1,684	1,516	1,637	1,655	1,738	1,740	1,129	1,390	1,559	1,568	1,335	1,406	1,691	11.3	10.6	10.4	9.9	10.8	10.8	10.7	9.6	8.2	8.7	9.2	9.2	8.6	9.2	9.4
11/8 20:20	1,575	1,421	1,514	1,519	1,547	1,481	1,650	1,354	1,472	1,141	1,616	1,373	1,384	1,318	1,793	10.3	10.2	9.7	10.0	10.4	10.3	10.3	8.7	8.9	8.0	9.3	8.3	8.8	8.8	9.7
11/8 20:30	1,620	1,679	1,502	1,361	1,383	1,377	1,598	1,305	1,077	1,241	1,575	1,165	1,221	1,612	1,867	10.4	11.1	9.5	9.2	9.9	9.9	10.6	8.6	8.0	8.4	9.3	8.4	8.4	9.7	9.9
11/8 20:40	1,765	1,573	1,648	1,355	1,313	1,598	1,496	1,762	1,317	1,430	1,621	1,550	1,107	1,116	1,710	11.2	10.7	10.2	9.3	9.6	10.6	9.9	9.6	8.6	8.9	9.4	9.2	8.1	8.1	9.6
11/8 20:50	1,865	1,393	1,691	1,728	1,494	1,769	1,707	1,822	1,360	1,253	1,752	1,302	1,341	1,450	1,847	11.0	10.0	10.2	10.6	10.0	11.0	10.8	9.7	8.5	8.3	9.6	8.8	8.7	9.1	10.0
11/8 21:00	1,779	1,632	1,821	1,886	1,672	1,719	1,743	1,754	1,439	1,401	1,901	1,644	1,343	1,556	1,920	10.9	10.9	11.1	11.2	10.5	10.7	10.9	9.5	8.7	8.5	10.0	9.5	8.4	9.3	10.0
11/8 21:10	1,748	1,690	1,768	1,703	1,703	1,860	1,934	1,540	1,389	1,527	1,319	1,116	1,015	1,424	1,670	10.7	11.1	10.7	10.6	10.6	11.3	11.6	9.1	8.5	8.9	8.5	8.3	7.8	9.3	9.4
11/8 21:20	1,605	1,546	1,646	1,705	1,649	1,736	1,828	1,524	1,063	891	1,373	998	992	1,286	1,541	11.3	10.5	10.2	10.6	10.3	10.8	11.1	9.0	7.9	7.4	8.6	7.9	7.7	8.7	9.0
11/8 21:30	1,572	1,448	1,716	1,796	1,748	1,885	1,843	1,621	957	1,237	1,467	1,175	1,198	1,521	1,975	11.1	10.3	10.5	10.7	10.8	11.4	11.2	9.1	7.6	8.3	8.9	8.3	8.2	9.4	10.0
11/8 21:40	1,780	1,609	1,739	1,665	1,730	1,927	1,966	1,530	1,259	1,371	1,422	1,468	1,262	1,434	1,838	11.9	10.6	10.5	10.3	10.8	11.7	11.8	9.0	8.3	8.8	8.9	9.2	8.5	9.1	9.8
11/8 21:50	1,796	1,524	1,867	1,889	1,824	1,891	1,909	1,819	1,381	1,638	1,827	1,375	1,286	1,470	1,794	11.5	10.2	11.0	11.3	11.2	11.4	11.3	9.8	8.8	9.3	9.8	8.8	8.2	9.0	9.5
11/8 22:00	1,838	1,693	1,907	1,728	1,690	1,856	1,931	1,964	1,739	1,774	1,936	1,591	1,418	1,459	1,932	12.1	10.9	11.6	10.4	10.6	11.3	11.5	10.5	9.6	10.0	10.2	9.1	8.7	9.2	10.0
11/8 22:10	1,840	1,635	1,868	1,710	1,579	1,978	1,996	1,564	1,191	1,429	1,598	1,376	1,460	1,572	1,797	12.0	10.6	11.0	10.5	10.0	11.6	11.9	9.0	8.1	8.8	9.2	8.8	8.8	9.4	9.5
11/8 22:20	1,928	1,800	1,959	1,913	1,721	2,009	2,000	1,651	1,178	1,121	1,368	1,172	1,051	922	1,668	12.3	11.0	11.4	11.5	10.4	12.1	12.4	9.4	8.2	8.1	8.7	8.2	8.1	7.1	9.3
11/8 22:30	1,888	1,889	2,023	2,005	2,009	1,985	1,999	2,008	1,635	1,760	1,535	1,407	1,430	1,467	1,859	12.6	11.9	12.2	12.1	12.2	12.4	12.7	10.7	9.3	9.6	9.4	8.7	9.0	9.1	10.1
11/8 22:40	1,806	1,769	2,001	1,898	1,954	1,998	1,966	2,000	1,783	2,010	1,732	1,541	1,331	1,648	1,944	11.5	11.7	11.9	11.7	11.8	11.8	11.9	11.2	9.7	10.3	10.0	9.2	8.4	9.7	10.4
11/8 22:50	1,346	1,339	1,744	1,703	1,332	1,710	1,718	1,999	1,975	2,006	1,987	1,765	1,670	1,615	1,915	9.3	9.9	10.7	10.6	8.7	10.6	10.7	11.2	10.4	10.9	10.5	9.7	9.4	9.6	10.0
11/8 23:00	1,058	831	1,203	1,381	619	1,222	1,410	1,799	1,871	1,922	1,982	1,653	1,390	1,146	1,596	8.4	7.4	8.6	9.3	6.3	9.0	9.7	10.0	9.9	10.4	10.6	9.2	8.6	7.9	9.1
11/8 23:10	813	733	725	957	609	460	800	1,377	1,530	1,574	1,448	899	813	387	954	7.														

11/9 1:00	373	352	216	459	533	180	157	837	763	788	999	635	223	151	644	5.8	5.7	4.5	6.2	6.9	4.4	4.2	7.3	7.1	7.3	7.8	7.1	4.5	3.9	6.6
11/9 1:10	506	301	296	368	532	232	267	811	736	746	849	543	210	106	492	6.8	5.5	5.5	6.0	7.1	5.0	5.1	7.3	7.0	7.0	7.4	7.0	4.7	3.4	6.4
11/9 1:20	453	400	377	469	603	234	202	555	525	614	827	502	120	76	265	6.3	5.9	5.5	6.5	7.1	4.9	4.2	6.5	6.4	6.7	7.4	6.5	3.5	3.3	4.9
11/9 1:30	716	554	396	441	680	172	169	758	527	515	601	408	6	65	150	8.0	6.8	6.0	6.3	7.9	4.2	4.1	7.2	6.4	6.5	6.7	6.5	2.3	3.1	4.2
11/9 1:40	587	406	425	379	551	143	117	524	478	503	558	271	-24	49	106	7.3	6.2	6.1	5.8	7.1	4.0	3.5	6.4	6.1	6.4	6.5	5.7	1.8	2.9	4.0
11/9 1:50	477	346	333	241	418	207	197	493	293	364	414	173	-14	61	119	6.5	5.8	5.5	5.2	6.3	4.7	4.3	6.4	5.4	5.8	5.9	4.5	1.9	3.1	4.0
11/9 2:00	504	395	406	372	387	288	256	529	421	407	511	320	25	108	166	6.7	6.2	5.9	5.6	5.9	5.1	4.8	6.4	6.1	6.0	6.4	5.9	2.5	3.4	4.4
11/9 2:10	582	551	497	438	507	390	377	642	491	422	437	45	-28	83	86	7.3	7.1	6.5	6.4	6.8	5.6	5.0	6.9	6.3	6.1	6.1	3.1	1.8	3.6	3.9
11/9 2:20	525	434	330	308	251	329	300	500	249	257	315	49	-19	145	153	6.5	6.2	5.4	5.4	5.1	5.9	5.6	6.3	5.1	5.2	5.4	3.4	2.6	4.1	4.7
11/9 2:30	359	297	316	318	534	627	492	477	337	326	358	128	-11	40	80	5.8	5.8	5.7	6.0	6.9	7.4	6.0	6.2	5.6	5.6	5.8	4.3	2.3	3.0	3.6
11/9 2:40	438	294	451	469	527	308	285	296	219	216	227	-5	-24	111	142	5.8	5.4	6.5	6.6	6.3	5.5	5.1	5.4	4.8	5.1	4.8	2.3	2.3	3.9	4.5
11/9 2:50	331	276	309	338	305	585	470	145	168	190	227	-9	-24	182	71	5.4	5.4	5.6	5.9	5.5	7.2	6.7	4.5	4.7	4.9	5.2	2.2	2.5	4.5	3.4
11/9 3:00	310	262	287	352	310	504	390	132	149	143	167	-8	-24	163	102	5.3	5.2	5.4	5.9	5.5	6.4	6.1	4.5	4.5	4.4	4.5	2.3	2.9	4.2	4.0
11/9 3:10	208	138	178	204	334	239	225	84	81	-7	57	-8	2	165	100	4.9	4.5	4.9	5.2	6.3	5.5	5.2	4.2	4.0	2.5	3.3	2.7	3.5	4.4	3.8
11/9 3:20	201	149	185	225	323	229	289	46	-6	10	15	-8	9	119	39	4.9	4.7	5.1	5.6	6.4	5.3	5.9	3.6	3.6	3.0	2.9	2.8	3.4	4.2	3.6
11/9 3:30	256	191	184	178	152	242	325	122	14	96	57	16	52	163	82	5.2	5.2	5.0	5.0	4.4	5.5	5.8	4.4	4.4	4.1	3.1	2.6	3.7	4.2	3.9
11/9 3:40	222	166	181	190	222	262	355	202	182	22	10	85	118	242	238	4.8	4.8	4.7	5.1	5.2	5.6	5.9	5.0	4.9	2.6	3.6	3.8	4.5	4.9	5.2
11/9 3:50	329	186	216	209	351	408	593	206	171	-8	-15	39	63	195	217	5.6	5.1	5.2	5.4	6.4	6.6	7.3	5.0	4.7	2.5	2.8	3.7	4.0	4.6	5.2
11/9 4:00	350	223	298	323	420	583	592	117	127	7	51	154	113	227	288	5.5	5.4	5.6	6.3	6.5	7.5	7.3	4.4	4.4	3.2	4.1	4.8	4.6	4.9	5.7
11/9 4:10	264	180	210	197	327	440	507	126	101	69	194	188	181	307	402	5.1	4.9	5.0	4.9	6.1	6.5	6.6	4.5	4.2	3.6	4.8	5.0	5.0	5.2	6.4
11/9 4:20	114	56	91	-17	257	355	417	121	133	-7	94	133	222	273	253	4.3	3.6	4.0	4.6	5.8	6.3	6.7	4.3	4.5	2.2	3.7	4.3	5.3	5.1	5.3
11/9 4:30	116	71	95	85	369	476	507	35	44	-11	13	54	57	67	95	4.2	3.6	4.1	4.1	6.4	7.1	7.1	3.5	3.6	1.9	3.1	3.8	3.9	3.4	4.2
11/9 4:40	112	43	74	90	355	436	422	-12	-12	-9	-9	0	-23	55	98	4.2	3.2	3.7	3.8	6.3	7.1	6.9	2.3	2.2	1.8	2.6	2.8	2.6	3.4	4.4
11/9 4:50	157	79	116	133	448	562	577	-11	-9	-8	-9	-7	2	85	161	4.7	3.8	4.2	4.3	6.9	7.6	7.4	2.3	2.1	1.7	2.4	2.7	3.3	3.5	4.9
11/9 5:00	166	89	129	144	429	472	515	7	-2	6	50	18	44	117	137	4.7	3.9	4.3	4.8	6.8	7.0	7.0	3.0	2.5	2.7	3.7	3.0	3.8	4.0	4.6
11/9 5:10	178	66	133	45	349	401	392	12	-12	2	111	99	91	215	272	4.9	3.6	4.4	2.4	6.2	6.5	6.3	3.2	3.1	3.4	4.6	4.2	4.2	4.9	5.7
11/9 5:20	155	-8	18	122	300	264	278	25	3	27	116	59	18	100	106	4.6	1.9	3.2	4.0	5.9	5.7	5.6	3.4	3.0	3.5	4.4	3.6	3.3	3.9	4.4
11/9 5:30	263	102	180	358	428	459	396	148	170	71	191	118	95	185	226	5.5	3.8	4.9	6.4	6.8	7.0	6.8	4.7	4.9	4.0	5.0	4.5	4.4	4.9	5.4
11/9 5:40	372	261	351	416	505	491	451	163	200	204	362	311	264	348	390	6.0	5.8	6.2	6.4	6.7	6.8	6.8	4.7	4.8	5.1	5.8	5.6	5.6	5.7	6.1
11/9 5:50	324	230	328	327	321	308	348	185	59	224	330	292	281	400	496	6.2	5.5	5.6	5.6	5.9	6.2	6.2	5.0	3.3	5.2	5.6	5.4	5.7	6.0	6.7
11/9 6:00	415	266	400	456	481	480	506	298	230	387	467	434	376	411	465	6.4	5.6	6.4	6.7	6.8	7.0	6.9	5.4	4.8	6.0	6.1	6.0	6.2	6.0	6.5
11/9 6:10	543	337	551	641	705	729	683	225	152	363	474	421	359	431	578	7.0	6.1	7.2	7.6	7.6	7.7	7.9	5.1	4.1	5.9	6.2	5.9	6.0	6.1	6.8
11/9 6:20	813	538	885	1,053	1,138	1,176	1,107	281	135	435	651	596	505	634	732	8.0	7.1	8.4	9.0	9.1	9.4	9.7	5.5	3.9	6.3	6.9	6.7	6.5	6.9	7.2
11/9 6:30	1,271	872	1,326	1,567	1,572	1,599	1,481	445	247	816	1,420	1,237	1,119	1,170	1,330	9.4	8.5	10.0	10.6	10.6	10.9	11.3	6.2	4.8	7.5	8.8	8.6	8.3	8.6	8.8
11/9 6:40	1,453	958	1,483	1,766	1,680	1,671	1,546	631	324	938	1,383	1,237	1,161	1,349	1,644	9.9	8.9	10.4	10.8	11.2	11.4	11.8	6.7	5.4	7.8	8.6	8.3	8.2	9.0	9.4
11/9 6:50	1,326	947	1,471	1,691	1,638	1,640	1,507	402	476	740	1,133	1,340	1,405	1,584	1,815	9.8	8.3	10.1	10.7	11.2	11.2	11.5	6.0	6.3	7.2	8.2	8.6	8.8	9.5	9.8
11/9 7:00	1,210	944	1,453	1,561	1,636	1,669	1,547	411	557	920	1,363	1,400	1,476	1,573	1,832	9.4	8.8	9.9	10.2	11.2	11.2	11.4	6.1	6.6	7.7	8.7	8.6	9.0	9.3	10.1
11/9 7:10	1,316	1,008	1,520	1,688	1,717	1,762	1,632	577	828	1,113	1,562	1,405	1,258	1,628	1,894	9.7	8.9	10.0	10.5	11.3	11.1	11.2	6.7	7.5	8.3	9.2	8.6	8.6	9.7	9.9
11/9 7:20	1,436	1,156	1,558	1,780	1,751	1,735	1,594	860	1,125	1,343	1,955	1,899	1,785	1,983	2,019	10.2	9.5	10.8	10.8	11.3	11.2	11.3	7.6	8.4	8.9	10.0	9.8	9.8	11.1	10.8
11/9 7:30	1,247	970	1,381	1,587	1,660	1,728	1,630	922	1,239	1,397	1,922	1,835	1,696	1,813	1,922	9.4	8.6	10.1	10.2	10.7	10.8	11.0	7.7	8.6	9.1	10.1	9.7	9.6	10.6	10.5
11/9 7:40	1,157	829	1,174	1,498	1,562	1,583	1,463	1,021	1,315	1,515	1,825	1,615	1,512	1,679	1,811	9.8	8.5	9.1	9.7	10.4	10.2	9.9	8.1	9.0	9.3	10.1	9.1	9.2	10.1	10.7
11/9 7:50	1,248	970	1,407	1,583	1,769	1,693	1,650	1,193	1,412	1,586	1,956	1,672	1,417	1,727	1,902	10.1	9.0	9.9	10.4	11.1	10.6	10.7	8.3	9.0	9.4	10.3	9.3	8.9	10.1	10.8
11/9 8:00	1,430	1,117	1,584	1,770	1,832	1,801	1,763	1,388	1,583	1,784	2,015	1,943	1,727	1,972	2,014	10.6	9.5	10.3	10.9	11.6	11.2	10.8	8.8	9.6	9.9	10.6	9.9	9.6	10.7	11.2
11/9 8:10	1,475	1,124	1,563	1,693	1,811	1,476	1,603	1,427	1,630	1,826	1,992	1,973	1,800	1,978	2,000	10.4	9.3	10.1	10.5	11.8	10.8	10.7	9.0	9.5	10.0	10.5	9.9	9.8	10.8	11.2
11/9 8:20	1,418	1,050	1,520	1,491	1,581	1,396	1,445	1,241	1,317	1,450	1,874	1,790	1,446	1,769	1,988	10.2	9.1	10.1	9.7	10.6	10.4	10.9	8.6	8.7	9.1	9.8	9.5	9.1	10.4	10.8
11/9 8:30	1,554	1,251	1,583	1,542	1,515	1,508	1,487	1,267	1,340	1,413	1,836	1,587	1,377	1,731	1,938	10.6	9.8	10.2	9.9	10.5	10.7	10.9	8.6	8.7	8.9	9.9	9.1	8.9	10.2	10.9
11/9 8:40	1,660	1,389	1,706	1,725	1,766	1,587	1,637	1,567	1,584	1,770	2,003	1,948	1,783	1,964	2,004	10.9	10.2	10.												

11/9 9:50	1,980	1,716	1,959	1,851	1,834	1,980	1,689	1,436	1,914	1,999	1,996	1,999	1,726	1,738	1,923	11.3	10.6	11.5	11.0	11.2	11.9	12.1	8.8	9.9	11.2	11.7	10.7	9.8	9.9	10.2
11/9 10:00	1,711	1,412	1,738	1,828	1,867	1,863	1,684	1,364	1,578	1,884	1,959	1,611	1,196	1,272	1,684	10.4	9.4	10.4	11.0	11.5	11.2	11.4	8.7	9.1	10.2	10.7	9.2	8.0	8.6	9.5
11/9 10:10	983	1,018	1,115	939	1,143	889	932	846	1,045	1,061	1,066	672	378	644	953	8.1	8.5	8.4	8.0	9.0	8.1	8.2	7.2	7.9	7.9	7.8	6.7	5.8	6.6	7.6
11/9 10:20	1,009	877	854	845	804	837	724	969	768	765	706	488	371	572	512	8.1	8.2	7.6	7.9	8.1	7.9	8.2	7.6	7.2	7.1	6.9	6.0	5.7	6.5	6.3
11/9 10:30	990	794	904	783	960	919	897	801	781	799	763	359	351	561	635	8.8	7.7	8.0	7.8	8.6	8.1	8.7	7.4	7.4	7.3	7.2	5.4	5.5	6.2	6.7
11/9 10:40	1,413	1,209	1,310	1,161	1,269	1,340	1,209	1,257	1,196	1,153	1,006	512	497	611	824	10.2	9.0	9.2	8.9	9.5	9.4	9.9	8.6	8.3	8.1	7.6	6.2	6.3	6.5	7.2
11/9 10:50	1,527	1,494	1,460	1,485	1,605	1,532	1,289	1,452	1,277	1,305	1,165	637	782	1,030	877	10.6	10.2	9.8	9.9	10.8	10.0	10.4	8.8	8.6	8.5	8.2	6.5	7.1	7.9	7.5
11/9 11:00	1,631	1,510	1,354	1,286	1,331	1,346	1,176	909	1,095	777	1,041	717	612	1,007	1,279	11.1	10.6	9.4	9.5	9.9	9.6	10.0	7.6	8.0	7.0	7.8	6.9	6.7	7.9	8.7
11/9 11:10	1,709	1,712	1,820	1,747	1,684	1,563	1,307	1,603	1,683	1,605	1,366	1,236	1,008	1,470	1,693	11.3	11.0	11.0	11.0	11.0	10.3	10.3	9.3	9.5	9.3	8.7	8.4	7.6	9.2	9.6
11/9 11:20	1,616	1,401	1,590	1,441	1,492	1,309	1,026	1,176	1,324	1,143	946	1,006	902	1,161	891	10.9	10.0	10.1	10.2	10.5	9.5	9.3	8.1	8.4	8.1	7.6	7.6	7.8	8.2	7.7
11/9 11:30	1,274	749	1,109	1,082	1,118	1,180	979	1,217	755	790	621	487	334	539	600	9.4	7.3	8.5	8.5	8.9	8.9	9.1	8.4	6.9	7.3	6.6	6.2	5.4	6.1	6.4
11/9 11:40	851	772	808	920	853	770	722	630	774	652	813	600	404	311	204	7.8	8.0	7.7	8.1	8.3	8.0	7.5	6.7	7.0	6.7	7.4	6.5	5.8	5.2	5.1
11/9 11:50	893	902	1,096	929	920	756	591	875	1,179	1,352	1,151	549	222	295	489	8.3	8.4	8.7	8.5	8.3	7.7	7.2	7.5	8.1	8.6	7.8	6.2	4.8	4.9	6.4
11/9 12:00	1,115	1,069	1,082	524	865	694	601	769	1,416	896	961	880	485	871	929	9.0	8.7	8.5	6.4	8.1	7.3	6.9	7.0	8.7	7.3	7.4	7.2	6.0	7.0	7.6
11/9 12:10	1,334	1,243	1,245	772	1,070	943	926	1,809	1,662	943	959	930	543	1,359	1,352	9.8	9.4	9.2	7.9	9.2	8.3	8.4	9.9	9.2	7.5	7.5	7.5	6.5	8.8	9.0
11/9 12:20	1,139	1,183	1,415	1,135	1,387	1,348	1,275	2,005	1,844	1,597	1,100	1,132	888	1,767	1,847	8.9	9.1	9.7	9.4	10.3	9.8	9.9	10.5	9.7	9.0	7.9	8.2	7.5	9.8	10.0
11/9 12:30	1,226	1,221	1,323	892	1,368	1,198	979	1,843	1,598	1,356	1,652	1,535	719	1,707	1,508	9.2	9.1	9.4	8.1	10.0	9.0	8.5	10.1	9.2	8.6	9.4	9.1	7.0	10.0	9.0
11/9 12:40	1,335	1,099	1,209	811	1,044	915	861	1,985	1,742	1,491	1,865	1,416	771	1,756	1,748	9.8	8.8	9.0	8.0	9.1	8.2	8.1	11.0	9.7	8.9	10.1	8.8	7.2	10.0	10.1
11/9 12:50	1,044	899	824	453	757	748	716	2,013	1,899	1,536	2,014	1,583	622	1,915	1,923	8.6	8.1	7.6	6.4	7.7	7.5	7.5	11.2	10.2	9.2	10.7	9.2	6.2	10.3	9.8
11/9 13:00	1,134	1,112	1,168	592	857	806	802	1,985	1,779	1,693	1,487	1,042	630	1,146	1,493	9.0	9.1	8.9	7.1	8.3	8.2	8.0	10.6	9.8	9.4	9.0	7.8	6.7	8.2	9.2
11/9 13:10	639	764	783	633	861	918	929	1,055	1,231	1,027	830	330	167	574	910	7.0	7.6	7.6	6.9	8.5	8.1	8.1	7.8	8.3	7.4	7.2	5.5	4.2	6.0	7.5
11/9 13:20	589	462	514	213	726	699	921	949	1,091	670	646	367	107	554	665	7.1	6.7	6.1	4.9	7.8	7.6	8.3	7.6	8.0	6.7	6.6	6.0	4.2	6.4	7.0
11/9 13:30	961	906	1,016	756	1,036	1,097	1,113	1,509	1,650	1,522	1,233	882	892	805	702	8.8	8.5	8.9	7.7	9.1	9.4	9.6	9.2	9.4	9.0	8.5	7.5	7.6	7.1	7.0
11/9 13:40	1,358	1,274	1,410	1,359	1,499	1,325	1,321	1,912	1,726	1,975	1,946	1,585	1,226	1,922	1,910	10.6	9.7	10.2	9.9	10.3	10.4	10.0	10.5	9.6	10.8	10.5	9.4	8.3	10.6	10.2
11/9 13:50	1,359	1,295	1,461	1,455	1,506	1,314	1,373	1,664	1,326	1,576	1,929	1,596	1,266	1,872	1,875	9.8	10.1	9.9	10.3	10.3	9.8	9.9	9.4	8.7	9.0	10.1	9.4	8.5	10.1	10.0
11/9 14:00	1,283	1,074	1,267	1,349	1,349	1,238	1,175	895	648	691	915	609	631	1,046	1,517	9.3	9.1	9.3	10.0	9.9	10.0	9.6	7.4	6.5	6.6	7.4	6.4	6.9	8.0	9.2
11/9 14:10	1,211	1,079	1,166	1,158	1,089	1,138	1,175	406	70	108	325	193	106	414	730	9.1	9.2	9.2	9.2	9.5	9.4	9.8	5.7	3.8	4.5	5.2	4.5	3.5	5.4	6.9
11/9 14:20	933	704	920	923	1,043	1,218	1,279	137	130	-4	116	6	-26	152	-13	8.1	7.6	7.9	8.0	9.0	9.0	9.7	4.3	4.2	5.0	4.2	2.7	2.3	4.2	6.3
11/9 14:30	937	733	869	852	1,092	1,212	1,185	496	379	399	370	291	192	580	547	7.9	7.8	8.0	8.1	9.0	9.4	9.5	6.4	5.9	5.9	5.7	5.0	4.9	6.5	7.2
11/9 14:40	1,063	1,020	1,171	1,203	1,087	1,208	1,208	633	779	964	1,263	924	743	1,145	1,442	8.8	9.1	9.3	9.5	9.4	9.4	10.1	6.7	7.4	7.7	8.5	7.3	6.8	8.5	9.0
11/9 14:50	1,362	1,127	1,494	1,527	1,506	1,480	1,481	1,480	1,445	1,635	1,960	1,469	1,549	1,792	1,931	9.7	9.0	10.2	10.3	10.8	10.9	11.2	9.1	9.0	9.6	10.2	8.6	9.0	10.1	10.1
11/9 15:00	1,687	1,540	1,617	1,723	1,853	1,724	1,607	1,933	1,821	1,729	1,904	1,350	1,459	1,939	2,014	10.8	10.7	10.5	10.9	11.8	11.7	11.5	10.3	9.8	9.6	10.0	8.4	8.7	10.5	10.7
11/9 15:10	1,794	1,463	1,831	1,800	1,881	1,747	1,656	1,959	1,605	1,819	1,711	1,508	1,630	1,932	1,999	10.7	9.9	11.1	11.0	11.5	11.3	11.4	10.4	9.2	10.0	9.9	8.7	9.7	10.6	10.7
11/9 15:20	1,796	1,560	1,735	1,697	1,753	1,632	1,496	1,999	1,741	1,918	1,999	1,942	1,930	2,018	1,999	11.1	10.6	10.8	10.8	11.3	11.0	10.7	10.3	9.7	10.2	11.4	10.0	10.3	11.2	11.4
11/9 15:30	1,644	1,432	1,654	1,695	1,614	1,419	1,303	1,959	1,933	2,002	1,999	1,923	1,683	1,971	1,993	10.3	10.0	10.4	10.7	10.6	10.2	10.0	10.7	10.3	11.3	11.0	10.0	9.7	11.2	10.9
11/9 15:40	1,703	1,494	1,627	1,702	1,654	1,423	1,354	2,000	2,000	1,999	1,999	2,018	1,976	1,999	2,000	10.6	10.5	10.5	10.9	11.1	10.4	10.4	11.0	11.6	11.8	12.4	11.4	10.7	12.1	11.8
11/9 15:50	1,598	1,387	1,535	1,455	1,413	1,429	1,232	1,988	2,000	1,999	2,000	1,999	1,999	1,999	1,998	10.4	10.2	10.1	10.2	10.4	10.6	10.1	10.7	11.1	12.1	12.4	11.1	10.7	11.5	11.2
11/9 16:00	1,277	1,119	1,446	1,496	1,364	1,458	1,320	1,712	1,851	1,848	1,989	1,853	1,745	1,881	1,984	9.4	9.4	9.9	10.6	10.7	10.2	10.0	9.5	9.8	9.8	10.5	9.6	9.8	10.2	10.3
11/9 16:10	893	914	1,259	1,460	1,274	1,394	1,266	1,286	1,279	1,560	1,742	1,687	984	1,701	1,895	7.9	8.6	9.3	10.3	10.1	10.6	9.8	8.2	8.2	9.0	9.6	9.2	9.2	9.1	10.1
11/9 16:20	1,299	1,215	1,675	1,770	1,179	1,234	1,648	1,361	1,230	1,738	1,787	1,827	-2	1,683	1,967	9.0	9.2	10.2	11.9	9.8	10.9	10.3	8.5	8.3	9.6	9.9	9.7	10.2	8.5	10.7
11/9 16:30	1,662	1,735	1,983	1,850	1,152	490	1,897	1,908	2,005	2,014	1,971	2,001	-4	1,640	2,000	10.1	10.8	11.6	13.6	9.6	11.7	11.0	10.6	10.6	12.0	12.4	10.9	11.4	8.3	12.3
11/9 16:40	1,650	1,598	1,803	1,808	1,126	0	1,875	1,999	1,999	2,000	1,918	1,999	1,493	1,598	1,973	10.1	10.0	10.7	13.3	9.3	11.8	11.0	12.2	12.0	12.2	12.1	11.9	11.0	8.1	11.3
11/9 16:50	1,701	1,542	1,679	1,766	1,099	0	1,862	2,000	1,997	2,000	1,866	1,970	1,954	1,555	1,993	10.3	10.0	10.2	13.0	9.1	11.6	10.9	11.0	11.0	11.3	11.8	10.5	11.0	7.8	10.9
11/9 17:00	1,531	1,546	1,847	1,724	1,072	0	1,887	1,999	1,984																					

11/9 18:40	1,973	1,893	1,909	1,301	806	-1	1,912	2,000	2,000	2,000	1,287	2,013	1,359	1,088	1,980	12.4	11.3	12.0	9.6	6.7	13.1	12.6	14.5	14.7	14.1	8.1	12.2	7.7	5.5	12.5
11/9 18:50	1,991	1,940	2,007	1,259	780	-1	1,964	2,000	2,000	2,000	1,234	2,000	1,304	1,045	1,982	13.0	11.6	12.6	9.3	6.5	13.7	14.0	14.3	14.5	14.6	7.8	13.6	7.4	5.3	11.8
11/9 19:00	1,961	1,770	1,991	1,217	753	-1	2,002	2,000	1,999	1,999	1,182	1,996	1,250	1,002	2,004	12.2	10.4	12.3	9.0	6.3	13.1	12.8	13.4	14.5	14.8	7.4	13.5	7.1	5.1	14.0
11/9 19:10	1,885	1,779	1,947	1,175	726	-1	2,004	2,000	2,000	1,999	1,129	2,000	1,196	960	2,000	11.8	10.9	12.0	8.6	6.0	13.2	12.6	12.4	13.1	14.0	7.1	12.6	6.8	4.8	13.5
11/9 19:20	1,930	1,916	1,967	1,133	700	-1	1,988	1,999	2,000	2,000	1,077	2,000	1,142	917	1,999	12.1	11.7	12.3	8.3	5.8	13.0	12.7	12.5	13.8	14.3	6.8	13.3	6.5	4.6	14.4
11/9 19:30	1,954	1,889	2,005	1,090	673	-1	2,011	2,000	1,977	2,001	1,024	1,999	1,087	875	2,000	12.2	11.7	12.7	8.0	5.6	13.7	12.9	11.8	11.7	13.0	6.4	12.3	6.2	4.4	13.6
11/9 19:40	1,866	1,851	1,928	1,048	647	-1	1,986	1,992	2,016	1,999	971	1,999	1,033	832	1,999	11.7	11.8	12.5	7.7	5.4	13.4	12.6	11.3	11.5	12.7	6.1	12.4	5.8	4.2	13.7
11/9 19:50	1,895	1,827	2,012	1,006	620	-1	1,180	1,941	2,000	2,000	919	2,000	979	790	2,000	11.9	11.6	12.9	7.4	5.2	13.2	13.0	11.7	12.2	13.6	5.8	12.8	5.5	4.0	14.1
11/9 20:00	1,933	1,907	2,004	964	593	-1	1,480	2,008	2,000	2,000	866	1,999	925	747	2,000	12.4	12.0	13.4	7.1	4.9	13.3	13.1	12.8	13.0	14.5	5.5	12.8	5.2	3.8	14.5
11/9 20:10	2,017	716	2,000	922	567	-1	2,014	2,002	2,000	2,000	813	2,000	870	705	2,000	13.6	9.9	14.4	6.8	4.7	14.7	14.2	14.1	15.0	14.8	5.1	14.5	4.9	3.6	15.8
11/9 20:20	1,918	684	1,966	879	540	-1	1,835	1,990	2,000	2,000	761	1,989	816	662	1,998	14.2	13.2	14.7	6.5	4.5	14.6	13.8	14.0	15.4	16.5	4.8	15.1	4.6	3.3	15.2
11/9 20:30	1,495	1,733	1,644	837	514	-1	1,527	1,937	1,999	2,000	708	1,996	762	620	1,999	12.8	12.6	13.4	6.2	4.3	13.5	12.8	12.9	13.8	14.7	4.5	13.0	4.3	3.1	14.8
11/9 20:40	1,363	1,005	1,585	795	487	-1	1,390	1,627	1,994	1,999	656	1,892	708	577	1,986	12.5	10.2	13.6	5.9	4.0	13.3	12.3	11.3	13.7	14.3	4.1	12.7	4.0	2.9	14.3
11/9 20:50	1,462	-25	1,523	753	460	-1	1,325	1,834	1,964	1,987	603	1,951	653	535	2,000	13.5	11.5	13.8	5.5	3.8	13.9	12.4	12.6	13.5	14.5	3.8	13.3	3.7	2.7	14.5
11/9 21:00	1,359	-29	1,481	710	434	-1	1,400	1,937	1,994	2,014	550	2,009	599	492	1,926	13.4	9.3	13.9	5.2	3.6	14.0	13.3	14.1	15.4	15.7	3.5	14.6	3.4	2.5	15.4
11/9 21:10	1,310	-30	1,006	668	407	-1	1,070	1,965	1,977	2,001	498	1,995	545	450	1,401	13.6	14.6	13.8	4.9	3.4	13.6	12.4	15.2	15.1	15.9	3.1	15.5	3.1	2.3	14.0
11/9 21:20	1,109	-23	740	626	381	-1	951	1,814	1,976	1,932	445	1,940	491	407	1,369	12.9	14.8	13.7	4.6	3.2	13.3	12.2	15.0	15.2	16.1	2.8	15.6	2.8	2.1	14.4
11/9 21:30	980	-17	1,225	584	354	-1	816	1,595	1,632	1,581	393	1,394	436	364	1,096	12.6	14.2	13.2	4.3	2.9	13.6	11.9	15.1	14.2	15.0	2.5	13.9	2.5	1.8	13.7
11/9 21:40	991	-10	1,153	542	327	-1	796	1,295	1,445	1,292	340	1,153	382	322	674	12.9	13.4	13.1	4.0	2.7	13.4	12.0	14.3	13.7	13.9	2.1	13.3	2.2	1.6	12.4
11/9 21:50	1,024	-10	1,033	499	301	-1	717	1,273	1,299	1,155	287	706	328	279	872	13.4	14.1	12.9	3.7	2.5	13.0	11.7	14.6	13.7	14.5	1.8	11.5	1.9	1.4	13.9
11/9 22:00	645	-13	621	457	274	-1	640	833	945	1,127	235	713	274	237	850	11.5	11.9	10.8	3.4	2.3	12.1	11.4	12.7	12.2	14.0	1.5	12.5	1.6	1.2	13.7
11/9 22:10	624	-20	542	415	248	-1	633	938	1,026	1,142	182	666	219	194	699	11.6	12.0	10.9	3.1	2.1	12.8	11.7	13.5	12.7	13.9	1.1	12.2	1.2	1.0	13.2
11/9 22:20	693	-18	683	373	221	-1	616	825	985	1,082	129	754	165	152	615	12.0	12.0	11.9	2.7	1.8	12.7	11.9	13.8	12.8	13.8	0.8	13.0	0.9	0.8	13.8
11/9 22:30	871	-19	955	331	194	-2	803	697	751	960	77	601	111	109	651	12.9	13.0	13.4	2.4	1.6	13.6	12.7	13.3	12.0	13.2	0.5	12.5	0.6	0.6	14.5
11/9 22:40	888	-19	907	288	168	-2	864	676	663	1,015	24	593	57	67	1,282	13.0	13.1	12.7	2.1	1.4	14.0	12.5	14.1	12.6	14.0	0.4	13.2	0.3	0.3	15.2
11/9 22:50	750	-18	834	246	141	-2	879	693	1,054	1,376	1,445	1,031	171	24	2,015	12.7	13.0	12.9	1.8	1.2	14.0	12.8	15.3	14.6	15.5	17.1	14.6	6.9	0.1	16.1
11/9 23:00	864	-18	959	204	115	-2	1,066	1,208	1,696	1,982	2,000	1,975	2,015	1,172	1,999	13.3	13.9	13.7	1.5	1.0	14.9	14.4	16.4	15.7	16.9	18.4	15.1	15.0	15.4	17.0
11/9 23:10	1,114	-19	1,076	162	88	-2	1,191	1,934	1,995	2,005	1,999	2,004	2,000	2,000	2,000	13.5	13.8	13.4	1.2	0.7	14.9	13.9	15.3	15.2	16.3	18.1	14.8	14.4	16.5	16.7
11/9 23:20	1,135	-19	1,023	119	61	-12	1,176	1,892	1,756	1,989	1,998	1,947	1,937	2,000	2,000	13.7	14.0	13.0	0.9	0.5	14.5	13.9	13.7	12.5	13.7	14.5	12.4	11.4	15.0	14.7
11/9 23:30	847	-19	847	77	35	1,392	1,172	1,909	1,832	2,010	2,001	2,016	2,018	1,999	2,000	11.7	13.1	11.7	0.6	0.3	13.5	13.3	14.1	13.6	14.9	16.7	13.8	13.5	15.5	15.8
11/9 23:40	1,119	-17	1,158	35	6	1,502	1,453	1,996	1,997	1,999	2,000	1,999	2,000	2,000	1,999	12.5	13.1	12.6	0.3	2.4	13.8	13.5	13.1	13.2	14.1	15.6	14.3	13.0	14.6	14.7
11/9 23:50	1,235	-17	1,431	583	642	1,539	1,517	1,999	2,003	1,999	1,999	1,999	2,000	1,999	2,000	12.3	13.1	13.2	8.8	14.4	13.9	13.6	13.9	13.1	14.1	15.0	13.2	12.8	14.7	14.5
11/10 0:00	1,617	-19	1,775	2,015	2,013	1,804	1,797	1,999	1,982	1,997	1,998	2,001	1,999	1,999	1,999	13.7	13.4	13.5	13.6	14.2	14.6	14.3	13.5	12.1	13.3	14.7	12.6	12.2	14.8	15.5
11/10 0:10	1,513	1,172	1,678	1,968	1,776	1,745	1,732	1,998	1,962	1,962	2,000	1,996	1,945	1,999	2,000	11.6	11.5	12.5	13.1	13.2	13.6	13.4	12.2	11.7	12.0	12.8	11.1	10.8	12.0	12.8
11/10 0:20	1,444	1,959	1,730	1,999	1,701	1,819	1,808	1,999	2,003	2,010	1,999	1,996	2,006	1,999	2,000	12.5	12.9	13.5	14.1	14.7	15.0	14.3	14.3	13.4	14.0	13.9	12.5	11.8	12.9	13.7
11/10 0:30	1,567	1,999	1,850	1,999	1,721	1,993	2,013	2,000	2,000	2,001	2,001	2,000	1,999	1,999	1,999	13.5	12.9	14.2	14.8	15.3	16.0	15.5	14.5	13.1	13.1	14.1	12.1	12.3	13.7	15.1
11/10 0:40	1,856	1,988	2,013	2,001	1,968	2,000	1,999	2,000	2,000	1,999	1,999	2,000	1,999	2,000	1,999	13.9	13.6	14.8	15.1	16.0	16.8	16.2	14.1	13.7	13.8	14.4	12.8	12.3	14.0	14.4
11/10 0:50	2,007	2,012	2,000	1,999	2,001	1,999	1,999	2,000	2,000	1,999	1,999	1,999	2,000	1,999	1,999	14.3	14.2	15.3	15.9	16.3	17.1	15.3	13.7	13.6	14.2	15.6	14.0	12.8	14.4	14.5
11/10 1:00	1,999	2,000	2,000	1,999	1,999	1,999	2,000	1,999	2,000	2,000	1,999	1,999	1,999	2,000	1,999	13.3	13.7	14.5	15.4	15.7	16.0	15.2	12.6	13.6	13.8	14.9	13.5	12.9	13.9	14.4
11/10 1:10	1,994	1,999	2,000	1,999	1,998	1,999	1,999	1,999	2,000	1,999	1,999	1,999	1,999	1,999	1,999	14.1	14.2	15.2	15.8	15.9	15.6	14.8	12.4	13.4	14.4	15.3	13.7	12.9	13.7	13.9
11/10 1:20	1,906	1,945	1,999	1,999	1,997	1,999	1,999	2,000	1,998	1,999	1,999	1,999	1,996	2,000	1,999	12.5	13.1	14.0	14.8	14.7	13.9	13.5	12.4	12.6	12.8	14.0	12.6	12.2	13.1	13.1
11/10 1:30	1,906	1,913	1,998	1,989	2,000	2,000	1,999	1,666	1,728	1,807	1,999	1,925	1,933	1,987	1,981	12.1	12.7	13.1	13.4	13.6	13.2	13.1	9.2	9.2	9.7	10.8	10.1	9.8	10.6	10.8
11/10 1:40	1,575	1,502	1,837	1,856	1,875	1,863	1,877	1,473	1,492	1,587	1,867	1,723	1,538	1,760	1,891	11.1	11.6	11.6	11.8	12.2	11.8	12.2	8.8	8.6	9.1	9.6	9			

11/10 3:30	230	77	145	162	334	346	422	-11	12	8	101	-1	-14	120	202	5.1	4.0	4.2	4.4	6.1	5.7	5.9	2.5	3.0	3.1	4.1	2.6	2.5	4.0	4.9
11/10 3:40	113	27	85	75	126	147	160	-14	-10	-11	-12	-10	-6	-3	-12	4.0	3.0	3.3	3.3	4.4	4.1	4.5	1.6	1.4	1.7	2.0	1.7	1.8	2.0	2.0
11/10 3:50	-13	-24	-13	-13	-27	20	-14	-10	-9	-8	-13	-9	-6	-11	-21	3.1	2.5	2.4	2.1	2.1	2.8	3.6	2.3	2.5	2.5	3.0	2.4	2.4	2.5	2.9
11/10 4:00	-10	-21	-13	-9	1	11	-9	-12	-9	-9	-9	-7	-5	-8	-19	3.4	2.1	2.3	2.5	3.1	2.6	3.1	2.5	2.1	2.0	2.3	2.0	1.8	2.0	2.0
11/10 4:10	-8	-22	-11	-11	-15	-11	-8	-12	-12	-9	-9	-8	-5	-8	-19	3.4	2.5	2.4	1.8	2.4	2.5	3.2	1.9	1.6	1.7	1.3	1.3	1.2	1.0	1.5
11/10 4:20	-7	-21	-9	-8	-25	-10	-7	-11	-13	-8	-8	-7	-6	-7	-20	2.1	1.2	1.3	1.5	1.5	1.6	2.4	1.8	2.7	1.9	2.1	1.4	1.6	1.1	1.4
11/10 4:30	-4	-19	-8	-8	-25	-10	-5	6	1	-6	-3	-10	-8	-9	-19	2.0	2.0	1.8	1.8	1.0	0.9	1.0	3.8	3.6	3.6	3.3	3.3	3.2	2.7	3.1
11/10 4:40	-7	-16	-8	-11	-24	-9	-7	175	107	116	112	93	78	51	25	3.8	3.4	3.4	3.4	3.0	3.1	3.2	4.8	4.3	4.5	4.3	4.3	3.7	3.9	4.5
11/10 4:50	143	99	152	157	211	229	274	340	187	166	190	170	149	172	195	4.5	3.8	4.5	4.5	5.5	5.5	5.8	5.7	4.7	4.6	4.7	4.5	4.2	4.3	4.9
11/10 5:00	196	139	269	281	397	477	584	463	282	235	310	281	192	259	322	4.8	4.3	5.2	5.2	6.2	7.4	7.6	6.3	5.2	5.0	5.4	5.2	4.5	4.9	5.6
11/10 5:10	365	299	443	454	532	551	682	536	349	269	366	265	264	366	537	5.6	5.4	6.0	6.0	6.9	7.8	8.1	6.4	5.5	5.2	5.7	5.3	5.0	5.4	6.4
11/10 5:20	815	632	880	861	1,023	940	1,096	717	556	538	699	492	479	554	645	7.1	6.6	7.7	7.6	8.7	9.2	9.7	7.0	6.3	6.7	7.0	6.3	6.1	6.0	6.7
11/10 5:30	1,016	871	1,061	1,049	1,250	1,172	1,274	1,269	1,036	1,117	1,279	983	856	923	1,043	8.1	7.4	8.3	8.1	9.5	10.3	10.4	8.2	7.9	8.0	8.3	7.6	7.1	7.5	7.8
11/10 5:40	1,462	1,165	1,479	1,405	1,597	1,390	1,480	1,190	809	857	1,119	821	720	929	1,085	9.9	8.6	9.8	9.4	10.7	11.2	11.3	8.0	7.1	7.3	8.0	7.1	6.9	7.5	7.8
11/10 5:50	1,494	1,296	1,576	1,475	1,792	1,593	1,773	1,285	899	1,210	1,368	943	834	922	1,095	10.0	9.2	10.2	9.6	11.2	11.9	12.3	8.3	7.5	8.3	8.5	7.3	7.3	7.1	7.9
11/10 6:00	1,526	1,324	1,491	1,489	1,611	1,730	1,709	1,566	1,209	1,120	1,324	1,062	822	1,155	1,311	10.0	9.2	9.7	9.7	10.7	11.4	11.9	9.0	8.2	8.2	8.4	8.0	7.0	8.2	8.3
11/10 6:10	1,421	1,172	1,422	1,367	1,613	1,664	1,630	1,494	1,143	1,065	1,333	967	827	896	1,225	9.3	8.5	9.6	9.2	10.7	10.7	11.5	8.8	8.0	7.8	8.5	7.6	7.1	7.4	8.0
11/10 6:20	1,381	1,253	1,468	1,344	1,550	1,615	1,630	1,623	1,082	1,179	1,337	1,015	940	986	1,420	9.3	8.5	9.7	9.2	10.3	10.3	11.5	9.2	8.1	8.2	8.5	7.7	7.3	7.4	8.6
11/10 6:30	1,644	1,670	1,881	1,856	1,847	1,938	1,922	1,009	1,128	1,233	1,376	1,450	1,331	1,236	1,345	10.7	10.2	11.3	11.5	11.9	11.5	12.5	7.5	8.1	8.5	8.6	8.9	8.4	8.4	8.2
11/10 6:40	1,518	1,563	1,722	1,627	1,894	1,790	1,910	1,502	1,496	1,141	1,830	1,335	1,572	1,607	1,251	10.0	9.8	10.5	10.4	11.7	11.1	12.4	9.2	9.2	8.1	9.7	8.2	9.2	9.3	8.5
11/10 6:50	1,557	1,638	1,701	1,852	1,961	1,807	1,928	1,408	1,207	1,098	1,479	1,728	1,415	1,769	1,969	10.6	11.2	10.8	11.6	12.5	12.4	12.1	8.7	8.3	8.1	8.9	9.5	8.7	9.9	10.5
11/10 7:00	1,538	1,292	1,518	1,586	1,711	1,955	1,960	1,679	1,731	1,704	1,898	1,705	1,698	1,936	1,731	10.7	10.1	10.1	10.6	12.4	12.5	13.5	9.2	9.8	9.7	10.7	9.8	9.5	10.7	9.6
11/10 7:10	1,544	1,345	1,472	1,426	1,438	1,568	1,722	1,975	1,945	1,775	1,956	1,867	1,742	1,902	1,900	10.7	9.5	9.9	9.8	10.4	10.6	11.4	11.6	12.1	11.2	11.7	11.0	10.0	11.1	10.6
11/10 7:20	1,666	1,490	1,758	1,680	1,671	1,735	1,899	2,001	2,001	2,000	1,999	2,007	1,989	2,015	2,009	11.8	11.6	12.4	11.9	12.4	12.4	12.6	11.9	11.8	12.4	12.2	13.2	11.1	12.9	12.3
11/10 7:30	1,968	1,847	1,999	1,983	2,018	2,007	2,002	1,998	1,795	1,992	1,998	1,998	1,998	1,999	1,998	12.6	12.5	13.7	12.9	14.6	14.1	14.7	11.9	10.1	10.9	12.4	11.6	11.4	12.5	12.1
11/10 7:40	1,907	1,949	2,000	2,007	1,992	1,984	1,999	2,000	2,005	1,927	1,975	1,993	1,919	1,997	1,995	13.0	13.2	14.5	14.8	15.6	15.5	16.1	12.0	11.8	10.7	11.5	11.6	11.0	12.7	11.4
11/10 7:50	2,007	1,989	1,999	1,997	2,005	2,013	2,000	1,999	1,976	2,016	2,018	1,892	1,875	1,946	2,004	14.1	14.7	15.2	15.5	16.3	15.5	15.2	12.7	11.9	12.1	14.0	11.4	10.9	12.5	13.4
11/10 8:00	1,998	1,984	1,999	1,999	2,001	1,998	1,998	1,999	2,016	2,001	1,999	2,017	2,010	1,999	2,000	14.6	13.9	14.9	15.2	15.8	15.3	14.7	14.5	14.7	15.3	15.3	12.7	12.1	14.3	14.9
11/10 8:10	1,999	2,013	1,999	1,999	1,990	1,986	2,001	2,001	2,000	1,999	2,001	2,000	1,997	2,000	2,000	16.7	16.0	17.0	16.1	15.6	15.4	15.9	15.1	14.5	14.7	14.4	13.8	13.4	15.4	15.8
11/10 8:20	1,998	2,000	1,999	1,955	1,739	1,985	1,996	2,000	1,999	2,000	1,999	2,000	2,001	2,000	2,000	15.0	15.2	15.4	13.4	13.5	14.5	15.2	14.3	13.6	14.9	14.6	13.6	13.3	14.4	14.2
11/10 8:30	1,992	1,999	1,996	2,010	1,999	2,018	2,004	2,000	2,000	1,999	1,999	2,000	2,000	2,001	2,000	15.3	16.3	15.3	16.1	17.6	17.0	16.6	15.0	15.7	15.5	16.9	15.7	14.7	15.6	15.6
11/10 8:40	2,012	1,999	1,999	628	1,999	1,998	1,999	2,000	2,001	2,000	2,000	2,000	2,000	2,000	1,999	16.9	15.4	17.5	17.6	19.1	18.4	17.0	16.4	14.6	15.8	15.9	15.7	15.3	16.0	15.7
11/10 8:50	1,986	1,993	1,999	2,006	1,997	1,885	1,999	2,000	2,000	2,000	1,996	2,000	2,000	2,002	2,000	16.0	16.0	16.9	17.8	17.4	16.1	16.4	14.8	13.5	13.7	14.6	13.9	14.0	14.9	14.5
11/10 9:00	1,946	1,992	1,998	1,999	1,992	2,018	1,990	2,000	2,000	2,000	2,000	1,999	2,000	2,001	2,001	14.9	14.8	16.9	16.9	17.6	17.6	16.4	14.1	14.3	13.8	15.0	14.6	13.9	14.9	13.5
11/10 9:10	1,997	2,012	2,001	795	2,003	2,001	1,999	2,000	1,999	2,000	2,000	2,001	1,999	1,987	2,000	16.3	15.8	15.8	18.0	17.0	16.7	15.6	15.1	14.3	14.3	15.3	14.1	13.4	13.3	14.1
11/10 9:20	1,951	1,997	1,994	1,809	1,996	2,000	1,859	1,999	1,999	1,999	1,999	1,995	2,000	2,004	1,998	14.9	14.8	16.5	16.2	17.1	15.8	14.2	14.7	13.9	14.9	14.2	13.0	13.7	13.8	12.9
11/10 9:30	1,948	2,001	1,986	2,000	2,002	1,999	1,866	2,000	2,000	2,000	2,000	1,995	1,998	1,985	1,989	15.1	15.8	16.4	16.7	17.3	16.3	14.6	14.7	13.9	14.4	14.4	13.3	13.1	12.7	13.3
11/10 9:40	1,887	1,982	2,003	1,999	1,993	1,998	2,003	2,000	1,999	2,000	1,999	1,998	2,000	1,955	1,962	14.6	15.3	16.3	15.8	17.4	16.4	15.6	14.8	14.8	14.2	14.0	12.4	12.5	12.6	12.2
11/10 9:50	1,977	2,008	1,998	2,001	2,002	1,963	1,990	2,000	2,000	1,999	2,001	2,000	2,000	2,017	2,015	15.0	16.6	15.7	16.2	17.6	15.2	15.8	14.8	14.4	14.5	14.3	14.1	14.1	14.3	14.3
11/10 10:00	2,011	2,000	2,002	2,000	1,983	2,005	1,992	2,000	1,967	2,000	2,000	2,000	1,997	2,001	1,993	15.2	16.5	18.2	16.8	18.8	16.4	16.3	13.1	12.2	13.5	13.6	12.8	12.6	13.8	13.4
11/10 10:10	1,984	2,000	1,999	1,999	1,992	1,983	2,002	1,951	1,923	1,969	1,976	1,972	1,928	1,890	1,761	14.6	15.3	16.3	15.3	16.5	16.1	15.8	11.8	11.2	12.3	12.7	12.6	11.5	11.9	11.6
11/10 10:20	1,863	1,958	1,882	1,897	1,798	1,864	1,910	1,915	1,636	1,479	1,636	1,790	1,881	1,789	1,456	13.7	14.4	14.0	13.8	14.1	14.2	14.5	11.8	9.7	9.4	10.8	10.5	11.0	11.2	9.8
11/10 10:30	1,792	1,824	1,902	1,921	1,541	1,857	1,936	1,670	1,435	1,838	1,884	1,821	1,469	1,570	1,304	13.1	13.1	13.8	13.5	12.9	14.0	15.3	9.9	9.4	10.8	11.9	10.5	9.4	10.0	9.4
11/10 10:40	1,905	1,750	1,949	1,960	1,950	2,005	1,940	1,971	1,905	1,936	1																			

11/10 12:20	1,999	1,843	1,999	1,999	1,999	1,999	2,000	2,000	2,001	2,001	2,000	2,000	2,000	2,001	2,001	17.9	18.3	18.4	18.2	19.9	19.6	18.7	17.7	16.9	18.7	18.4	17.4	14.9	16.1	16.2
11/10 12:30	1,998	1,847	1,998	2,001	662	2,000	1,996	2,000	2,000	2,000	2,000	2,000	2,001	2,001	2,000	17.9	17.2	18.6	17.1	18.0	17.2	17.6	18.2	16.7	17.6	18.7	18.8	17.9	18.1	17.7
11/10 12:40	1,928	1,785	1,966	1,974	2,015	2,000	2,000	2,000	1,999	1,999	2,000	1,997	1,999	2,001	1,999	14.7	13.6	14.0	15.6	16.4	17.7	17.4	15.5	15.1	16.5	16.1	13.5	14.5	14.8	14.0
11/10 12:50	1,639	1,840	2,004	2,000	2,000	2,000	2,000	2,000	2,000	1,999	2,000	1,999	2,000	2,001	2,001	14.2	15.8	18.4	17.5	18.2	18.5	19.0	15.8	14.4	13.4	14.1	13.8	14.4	15.9	15.6
11/10 13:00	1,981	1,838	2,001	1,998	2,001	1,997	1,999	1,998	1,999	2,000	2,001	2,001	2,000	2,001	2,000	15.3	15.1	15.8	15.7	16.8	16.7	17.2	12.9	14.0	15.5	15.0	15.8	15.6	16.2	15.5
11/10 13:10	2,019	1,746	1,997	1,995	1,984	1,968	1,965	2,002	1,999	2,000	2,000	1,999	2,000	2,001	1,997	16.4	14.1	14.1	15.0	16.3	15.4	16.9	16.4	15.4	15.0	14.6	13.9	14.1	15.5	14.9
11/10 13:20	1,998	1,808	1,980	1,969	2,014	1,911	1,967	2,000	2,000	2,000	2,000	1,994	1,999	2,000	1,991	15.5	14.2	14.5	14.7	14.9	13.2	13.6	16.2	16.3	17.3	17.7	16.1	14.9	14.7	13.3
11/10 13:30	1,949	1,804	1,988	2,007	1,983	2,013	2,006	1,999	1,998	2,001	2,001	2,000	2,000	2,001	2,004	15.1	15.0	15.0	14.9	15.4	17.0	18.1	15.5	16.8	16.1	15.2	14.1	13.9	14.6	13.3
11/10 13:40	2,004	1,191	2,000	1,999	1,998	1,999	1,997	1,999	1,998	2,000	2,000	2,000	1,999	2,000	2,003	17.4	17.9	19.8	20.1	20.9	18.7	17.5	16.2	16.0	16.2	17.2	17.0	15.1	16.8	16.7
11/10 13:50	2,008	-26	1,999	2,000	1,999	2,000	2,003	2,001	2,001	1,999	1,998	1,999	2,000	2,000	2,002	20.9	19.8	22.0	21.2	20.2	19.7	20.6	19.3	19.0	20.2	19.4	19.2	16.7	17.1	16.1
11/10 14:00	1,999	-23	2,000	2,000	2,000	2,001	2,000	1,997	2,000	1,982	1,913	1,986	1,998	2,000	2,000	20.1	19.5	21.1	20.4	21.7	20.0	20.8	19.3	20.1	21.1	22.2	19.0	18.5	19.4	18.0
11/10 14:10	2,001	-22	2,000	2,000	2,000	2,000	2,000	2,002	1,999	2,000	2,001	1,999	2,000	2,001	1,979	17.7	18.0	19.2	19.6	21.0	20.2	21.4	19.2	18.2	17.3	19.8	17.3	19.1	19.2	19.2
11/10 14:20	1,999	362	2,000	2,000	2,000	2,000	2,000	1,999	2,000	1,979	1,998	2,000	2,001	2,000	2,000	18.8	19.2	21.1	21.0	21.7	20.7	20.4	18.2	16.2	19.3	18.1	17.9	17.2	17.2	17.3
11/10 14:30	1,999	2,014	2,000	2,000	2,000	2,000	2,000	2,000	1,999	1,959	1,997	1,999	2,000	2,000	2,000	17.8	16.6	17.1	17.9	19.4	19.7	19.7	19.4	18.9	19.6	19.5	17.2	17.2	18.4	18.9
11/10 14:40	1,998	1,996	2,000	2,000	2,000	2,000	2,000	1,999	1,999	1,999	2,000	1,994	2,000	2,001	2,002	15.7	15.5	17.6	17.5	18.3	17.8	18.8	17.8	17.7	17.6	17.4	17.1	15.6	18.1	18.1
11/10 14:50	2,000	2,003	2,000	2,000	1,984	1,995	1,998	2,000	2,000	1,998	2,000	1,997	1,989	2,000	1,988	17.1	20.1	23.2	22.8	23.7	22.4	22.3	16.3	17.0	15.9	18.3	18.4	20.0	20.1	19.1
11/10 15:00	1,995	2,000	1,999	1,999	2,000	2,000	2,001	2,000	2,000	1,999	2,000	2,002	2,000	2,001	2,001	21.9	20.6	21.8	19.8	20.9	20.3	20.1	16.1	14.5	16.4	17.6	17.5	18.2	18.1	17.9
11/10 15:10	2,000	2,000	2,001	2,001	2,000	2,000	1,998	1,947	1,997	2,001	1,999	1,949	1,835	2,001	2,000	21.1	17.8	17.4	17.7	19.5	18.9	18.4	20.6	18.4	18.2	19.4	18.2	17.5	16.8	17.7
11/10 15:20	1,999	1,998	2,000	1,950	1,982	2,000	2,000	2,000	2,000	1,999	1,999	2,002	1	2,000	2,000	17.5	17.4	19.4	20.5	21.5	20.9	20.9	18.8	18.1	19.4	19.7	18.9	19.3	20.1	19.7
11/10 15:30	2,000	2,000	2,000	1,993	1,983	1,992	1,995	2,000	1,999	1,999	2,000	1,998	-2	2,001	1,999	18.0	20.1	22.5	22.4	24.0	23.2	22.8	18.7	18.6	18.6	19.3	18.5	18.7	19.9	18.9
11/10 15:40	1,999	1,999	2,000	2,000	2,000	2,000	2,000	1,998	2,001	2,000	1,997	1,998	-2	2,001	1,998	19.2	19.2	20.0	18.3	19.9	20.5	21.6	18.1	18.4	17.6	19.2	18.1	17.4	17.6	19.0
11/10 15:50	2,000	2,001	2,000	2,000	2,000	1,999	2,000	2,001	2,000	2,000	1,999	1,999	-3	2,001	2,000	17.3	17.4	17.7	19.7	20.2	19.5	20.0	17.2	15.3	18.2	18.8	19.1	18.1	18.1	17.1
11/10 16:00	2,000	2,000	2,001	2,000	2,000	2,000	2,000	2,000	2,000	2,001	2,001	2,001	-4	2,001	1,999	16.6	15.7	17.5	18.4	18.5	19.2	20.4	17.1	16.7	17.2	16.5	15.6	15.6	16.8	15.4
11/10 16:10	2,000	656	2,000	2,000	2,000	2,000	2,000	2,001	1,999	1,998	1,990	1,990	-5	2,001	2,000	17.3	18.8	19.8	18.9	18.5	19.1	19.4	17.9	17.9	18.8	18.6	17.8	16.1	16.6	15.7
11/10 16:20	2,000	-35	2,000	2,000	2,001	1,999	1,995	1,997	2,000	1,931	1,997	1,919	-5	2,001	1,998	19.4	20.3	20.4	20.3	20.9	20.5	21.0	20.0	19.9	21.1	20.7	21.0	19.6	18.6	17.6
11/10 16:30	1,999	-29	1,999	2,000	2,000	2,000	2,000	1,999	1,990	1,985	1,970	1,989	-8	2,001	2,000	17.6	18.5	20.7	20.9	19.9	18.6	19.1	19.5	18.5	19.3	20.4	18.8	17.6	17.2	18.8
11/10 16:40	2,000	0	2,000	2,000	2,000	2,000	2,000	1,999	2,000	2,001	2,000	2,001	1,803	2,000	2,000	18.5	18.4	19.4	18.4	19.1	18.8	18.9	18.9	18.2	19.0	18.9	18.0	17.0	17.3	16.2
11/10 16:50	2,001	1,994	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,001	2,000	16.8	17.6	19.7	19.1	18.0	16.7	16.4	16.6	16.8	16.4	15.6	16.6	16.0	16.3	15.9
11/10 17:00	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,001	1,999	2,000	1,998	2,000	2,000	2,000	2,000	16.3	17.2	18.1	16.6	17.6	16.1	16.7	15.8	15.4	15.8	14.5	14.5	15.3	16.2	16.1
11/10 17:10	1,996	1,958	1,999	2,000	1,998	2,000	1,999	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	15.9	14.6	14.1	14.2	14.6	15.5	15.8	16.7	15.3	15.4	14.4	14.1	14.0	15.1	14.4
11/10 17:20	2,000	2,013	1,999	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,999	1,999	2,000	1,999	14.2	15.1	16.8	16.2	16.0	16.0	17.5	13.9	13.5	13.2	13.3	13.4	13.5	14.5	13.4
11/10 17:30	2,000	2,000	2,000	1,999	2,000	2,000	2,000	2,000	1,999	2,000	2,000	2,000	2,000	2,000	2,000	16.6	16.3	18.1	17.7	17.0	16.3	17.1	14.3	14.0	15.1	15.2	14.8	13.8	15.7	14.8
11/10 17:40	1,995	2,000	2,000	2,000	1,998	1,999	1,999	2,000	2,001	2,000	2,000	2,000	2,000	2,000	2,000	16.0	15.8	17.4	16.3	16.5	16.0	16.1	15.2	13.7	12.6	13.5	14.8	14.4	15.6	13.6
11/10 17:50	2,004	2,000	2,000	1,999	2,000	2,000	2,000	2,000	2,000	1,999	2,001	2,000	2,000	2,000	2,000	15.9	15.2	15.7	15.4	17.3	18.2	17.6	15.3	13.6	12.9	15.4	15.0	15.4	16.2	14.6
11/10 18:00	2,001	2,000	2,000	2,000	2,000	2,001	1,999	2,000	1,999	2,000	2,000	1,999	2,000	2,001	2,000	14.7	15.0	16.5	16.0	17.7	15.7	16.1	13.9	12.4	14.8	17.5	17.3	15.4	14.8	14.4
11/10 18:10	2,000	2,000	2,000	2,000	2,000	2,000	2,002	2,000	2,000	2,000	1,999	2,000	1,999	2,001	2,000	15.3	16.2	16.6	16.1	16.6	15.6	17.2	15.6	14.1	15.6	16.4	15.3	14.7	15.3	15.4
11/10 18:20	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,999	2,000	2,000	2,001	2,000	16.1	15.6	17.1	17.4	18.7	15.6	17.3	16.5	17.0	15.8	16.7	15.9	14.7	16.7	16.8
11/10 18:30	2,000	2,000	2,000	2,000	2,000	2,000	1,999	2,000	2,001	2,000	2,000	2,000	2,000	2,000	1,983	15.5	15.7	17.8	18.7	21.1	19.5	19.6	18.1	17.7	16.9	17.9	17.3	16.7	17.2	17.4
11/10 18:40	2,001	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,999	2,000	2,000	2,001	2,000	15.9	15.4	17.8	18.5	19.9	18.7	19.5	16.7	15.6	16.9	18.4	17.8	14.8	15.5	16.0
11/10 18:50	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,999	2,000	2,000	16.5	15.7	17.4	16.7	18.5	17.5	17.7	15.0	16.1	16.8	16.2	16.4	14.8	16.2	15.1
11/10 19:00	1,999	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,998	2,000	2,000	2,000	1,999	2,000	2,000	17.2	17.5	19.2	18.5	19.3										

11/10 21:10	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,987	2,001	1,999	2,000	2,000	1,999	2,001	2,000	18.7	20.1	21.5	20.1	21.1	20.6	19.9	20.3	17.5	17.2	18.7	18.1	16.0	17.0	16.4
11/10 21:20	2,000	2,000	2,000	2,000	2,001	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,001	2,001	2,000	19.7	19.6	22.4	20.5	20.9	19.9	19.4	20.3	18.2	19.2	18.7	18.6	16.2	17.3	18.5
11/10 21:30	2,000	1,324	2,000	852	2,000	2,000	2,000	1,999	2,000	1,999	2,000	2,000	2,000	2,001	2,000	20.9	20.6	19.6	19.4	19.9	18.9	20.2	19.4	17.1	18.2	18.0	17.8	17.0	16.9	17.0
11/10 21:40	2,000	-26	2,000	1,674	2,000	2,000	2,000	1,994	1,999	2,001	1,999	2,000	1,999	2,001	2,000	18.0	19.3	19.1	17.9	18.2	18.0	17.8	19.5	19.3	18.0	17.0	16.6	15.4	15.8	15.9
11/10 21:50	2,000	-22	2,000	668	2,000	2,000	2,000	2,002	2,000	2,000	1,999	2,000	2,000	2,000	2,000	18.3	18.0	18.4	19.4	18.6	18.7	18.8	18.3	17.6	16.9	17.8	16.8	15.8	16.5	15.7
11/10 22:00	2,000	-23	2,000	2,001	2,000	2,000	2,000	1,999	2,000	1,999	2,000	1,999	2,000	2,001	2,000	17.9	18.1	20.7	19.1	20.5	19.9	19.1	17.7	16.7	17.7	17.3	17.1	15.7	16.9	17.1
11/10 22:10	2,000	1,354	2,000	2,000	2,000	2,000	2,000	1,999	2,000	1,999	2,000	2,000	2,001	2,000	2,000	18.8	17.9	20.9	20.4	19.3	19.1	19.8	18.8	17.4	17.5	18.0	16.4	15.2	16.7	15.9
11/10 22:20	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,999	2,000	2,000	2,000	1,999	2,000	2,001	1,999	18.1	18.2	18.3	18.3	19.9	18.3	18.4	19.3	17.2	17.6	16.4	16.2	14.8	15.4	16.9
11/10 22:30	2,000	1,999	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,001	2,000	2,000	2,002	18.5	17.0	18.1	18.9	19.5	20.6	20.9	18.5	15.8	17.3	18.3	17.1	14.8	15.7	16.3
11/10 22:40	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,001	2,000	2,000	1,999	2,000	2,000	2,000	19.9	18.2	20.1	19.6	20.9	20.1	21.4	18.0	16.5	16.2	18.9	16.9	17.0	16.4	14.8
11/10 22:50	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,001	1,999	2,000	2,001	2,000	2,000	2,001	2,000	18.1	18.2	19.5	19.0	19.8	19.6	19.7	17.7	16.9	16.6	17.8	17.6	16.1	16.8	17.2
11/10 23:00	2,000	2,001	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,999	2,000	2,000	2,000	2,000	2,000	18.9	18.1	19.2	19.0	19.6	18.9	21.0	17.0	17.6	17.3	18.3	16.9	15.7	17.0	16.3
11/10 23:10	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,001	2,000	2,000	2,000	2,000	2,000	17.9	18.9	19.0	18.3	19.7	19.9	19.9	18.2	16.9	17.6	17.6	16.4	15.4	15.8	14.9
11/10 23:20	2,000	2,000	2,000	1,999	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,001	2,000	17.5	18.8	19.7	20.0	20.2	20.5	21.4	17.8	17.0	18.3	17.0	15.8	15.4	16.8	16.1
11/10 23:30	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,999	2,000	2,001	2,000	2,000	2,000	19.3	19.9	19.8	19.1	20.2	20.2	21.1	17.0	18.7	17.1	18.0	17.6	15.3	17.1	15.9
11/10 23:40	2,000	1,999	2,000	2,000	2,000	2,001	2,000	2,000	1,999	2,000	2,000	2,000	2,000	2,000	2,000	19.4	19.1	20.9	20.5	20.9	20.0	21.4	20.1	19.6	18.6	19.6	18.8	17.3	17.2	17.4
11/10 23:50	1,737	1,815	1,787	1,872	1,837	1,748	1,708	1,733	1,710	1,731	1,779	1,993	1,799	1,871	1,705	19.2	21.1	20.8	20.4	22.7	20.8	20.6	19.7	19.5	20.8	20.4	19.7	17.7	18.2	18.4
11/11 0:00	-4	13	4	-1	-5	-5	-6	-5	-5	-5	-6	41	-6	-2	-5	19.4	18.9	21.1	22.2	22.3	21.3	22.8	19.4	20.1	19.8	19.7	19.5	19.3	18.9	19.6
11/11 0:10	-5	-7	-7	-3	-6	-7	-5	-6	-6	-6	-7	-5	-7	-2	-4	20.3	19.7	20.9	19.3	21.1	20.8	20.9	19.7	19.9	19.1	19.5	19.7	17.2	19.0	18.2
11/11 0:20	-8	-12	-12	-9	-11	-12	-9	-8	-10	-12	-11	-11	-12	-10	-10	18.3	20.0	18.9	18.8	20.0	19.2	19.7	18.6	19.8	18.3	19.3	19.4	17.6	17.1	16.3
11/11 0:30	122	-22	-25	-19	157	-24	115	114	105	117	121	-25	146	-18	112	18.5	18.4	20.1	19.4	20.4	20.1	18.7	19.0	18.7	19.5	19.5	17.6	17.6	17.7	17.6
11/11 0:40	1,960	484	489	492	2,017	323	1,959	1,897	1,913	1,961	2,015	480	2,015	496	1,927	16.6	15.6	17.8	18.4	18.3	18.0	16.6	16.3	16.4	18.9	18.0	18.8	16.5	15.7	16.2
11/11 0:50	2,004	2,010	2,007	2,005	1,999	2,015	1,998	2,002	2,000	2,000	2,000	2,006	1,999	2,003	2,000	15.3	15.4	16.5	16.0	16.7	15.9	15.8	15.9	15.5	17.2	17.3	15.9	15.6	15.1	15.5
11/11 1:00	1,981	1,999	2,000	2,001	2,000	1,998	2,001	2,000	2,000	2,000	2,000	1,990	2,000	1,999	1,999	13.9	14.2	14.9	15.1	16.5	14.6	14.9	14.9	15.7	15.8	17.3	15.0	14.9	14.6	13.3
11/11 1:10	2,012	1,968	1,995	2,000	1,999	1,957	2,000	2,000	2,000	2,000	2,010	2,000	2,001	1,999	1,999	13.6	13.5	14.8	14.0	15.9	15.2	15.5	13.7	15.6	15.8	14.4	14.1	14.7	14.6	14.0
11/11 1:20	1,948	1,985	1,992	1,998	2,001	1,964	1,963	2,000	2,000	2,000	2,000	2,000	2,001	2,000	1,999	13.1	12.9	14.0	14.1	15.4	13.8	13.4	14.4	14.1	14.5	15.4	13.3	13.3	14.6	13.4
11/11 1:30	1,930	1,974	2,009	1,997	2,001	2,014	2,007	2,000	2,000	1,999	2,000	1,999	2,000	2,000	2,000	12.9	13.1	13.5	13.6	15.2	14.2	14.2	14.5	13.5	14.6	15.2	13.1	12.9	13.2	14.1
11/11 1:40	2,002	1,796	1,998	2,004	2,003	1,998	1,929	2,000	1,990	2,000	2,000	1,992	1,991	1,979	2,000	13.8	11.8	13.5	15.1	15.3	14.6	12.8	14.7	13.6	16.1	15.0	12.6	11.3	12.5	12.8
11/11 1:50	1,855	1,924	2,002	1,976	1,988	1,980	2,012	2,000	2,008	2,000	2,000	2,006	1,986	1,968	1,980	12.3	13.2	13.4	13.6	14.8	13.4	13.3	13.3	13.9	14.4	13.6	13.1	12.2	11.5	12.1
11/11 2:00	1,956	1,547	1,867	1,998	2,002	2,016	1,860	2,000	1,999	2,001	1,999	2,001	1,993	1,955	1,991	12.6	10.8	12.4	13.3	14.0	13.6	12.6	13.3	13.2	15.1	14.6	13.1	12.2	12.9	11.4
11/11 2:10	1,698	1,632	1,963	1,648	1,743	1,644	1,764	1,999	2,000	1,999	2,000	1,990	2,000	2,015	2,005	10.9	11.1	12.1	10.7	11.4	10.7	11.6	13.3	12.7	13.0	13.6	11.7	12.1	13.2	12.2
11/11 2:20	1,867	1,721	1,895	1,875	1,763	1,470	1,479	2,000	1,999	2,000	2,000	2,009	1,995	2,000	2,000	12.7	11.4	12.0	12.2	11.5	10.3	10.6	14.1	12.9	14.2	14.8	13.1	12.7	12.7	11.6
11/11 2:30	1,850	1,904	1,822	1,833	1,837	1,926	1,801	2,000	1,997	1,999	1,999	1,999	1,996	2,001	1,999	12.0	12.3	12.1	11.6	12.7	13.4	12.1	15.3	13.0	13.1	15.4	13.7	12.2	14.2	13.9
11/11 2:40	247	275	282	401	366	243	139	231	217	215	340	605	375	500	220	14.4	12.7	14.4	13.3	13.6	13.1	12.9	14.4	15.0	16.8	16.2	15.6	14.4	15.6	14.4
11/11 2:50	-4	-7	-5	-4	-5	-4	-5	-5	-6	-5	-5	-3	-6	-4	-2	15.6	15.0	14.2	14.6	16.3	15.4	12.4	15.4	14.7	15.0	14.0	14.2	13.5	14.6	15.5
11/11 3:00	-5	-15	-14	-11	-11	-14	-11	-7	-11	-11	-14	-12	-14	-11	-10	13.4	13.5	14.0	14.2	14.3	13.7	14.5	13.7	13.9	13.7	15.2	14.1	14.0	14.2	13.7
11/11 3:10	275	201	188	518	516	177	259	264	257	290	519	368	521	390	261	12.3	11.2	13.3	12.5	13.3	12.4	12.3	13.3	12.6	15.1	13.1	13.7	13.0	14.1	12.3
11/11 3:20	1,699	1,457	1,874	1,900	1,958	1,826	1,276	2,014	2,013	2,014	2,009	2,008	1,999	1,993	1,965	11.1	10.4	11.6	12.3	12.4	11.6	9.7	12.0	12.4	12.7	12.6	12.1	11.7	12.6	10.7
11/11 3:30	1,690	1,523	1,836	1,794	1,874	1,522	1,211	2,000	1,987	1,978	2,000	1,957	1,939	1,904	2,001	11.0	10.3	11.4	11.3	11.4	9.9	9.4	11.4	11.7	11.8	12.8	11.2	10.6	10.9	11.3
11/11 3:40	1,595	1,460	1,334	1,563	1,416	1,437	1,457	2,001	2,004	2,011	1,995	1,914	1,811	1,958	1,939	11.0	10.2	9.7	9.9	10.0	9.7	10.4	11.0	12.3	12.6	11.3	11.0	10.4	12.0	11.9
11/11 3:50	1,378	1,570	1,440	1,600	1,802	1,770	1,822	1,859	1,978	1,981	2,003	2,017	2,003	1,992	1,935	10.0	10.9	9.4	10.4	11.5	11.5	11.6	10.5	11.6	11.3	11.9	11.5	11.3	11.7	11.4
11/11 4:00	1,684	1,689	1,491	1,669	1,680	1,613	1,588	2,016	1,954	1,996	1,999	1,841	1,816	1,698	1,992	11.2	10.6	9.7	10.7	10.5	10.6	11.0	11.2	10.7	11.8	12.0	10.4	10.		

11/11 6:00	1,638	1,464	1,511	1,559	1,881	1,727	1,535	1,923	1,684	1,928	1,956	1,954	1,587	1,882	1,817	10.3	10.5	9.9	9.8	11.3	11.0	10.1	10.4	9.6	10.5	11.0	10.6	9.2	10.3	10.2
11/11 6:10	1,628	1,702	1,604	1,688	1,878	1,743	1,793	1,985	1,953	1,971	1,900	1,887	1,262	1,779	1,778	10.5	10.6	10.2	10.4	11.5	11.0	11.0	10.6	10.5	11.3	11.5	10.0	8.0	9.8	9.6
11/11 6:20	1,412	1,582	1,589	1,583	1,705	1,595	1,708	1,957	1,807	1,967	1,892	1,830	1,703	1,852	1,884	9.6	10.4	10.2	10.1	11.0	10.6	10.9	10.9	9.7	10.7	10.3	9.8	9.4	10.2	10.3
11/11 6:30	1,527	1,224	1,521	1,528	1,768	1,678	1,678	1,967	1,943	1,937	2,014	1,773	1,964	1,884	1,737	10.4	9.1	10.0	9.8	11.3	11.0	10.6	10.8	10.4	10.6	10.9	9.7	10.7	11.0	9.8
11/11 6:40	1,325	1,269	1,457	1,503	1,797	1,715	1,694	1,976	1,922	1,956	1,976	1,989	1,715	1,926	1,707	9.5	9.4	9.9	9.6	11.2	11.2	10.7	11.0	10.2	9.9	10.8	11.2	9.5	10.4	9.5
11/11 6:50	1,471	1,405	1,607	1,682	1,806	1,661	1,802	1,892	2,000	1,668	1,940	1,965	1,596	1,754	1,360	10.3	9.9	10.4	10.3	11.3	11.0	11.1	10.3	11.0	9.3	10.4	10.5	8.8	9.9	8.4
11/11 7:00	1,520	1,633	1,602	1,610	1,942	1,820	1,789	1,991	1,962	1,972	2,000	1,608	1,461	1,768	1,778	10.3	10.8	10.2	10.0	11.7	11.6	10.9	10.6	10.4	10.7	10.8	9.2	8.9	10.5	10.1
11/11 7:10	1,638	1,473	1,725	1,716	1,819	1,771	1,831	1,994	1,692	1,990	1,740	1,557	1,496	1,821	1,649	10.7	10.2	10.8	10.3	11.6	11.3	11.1	10.9	9.3	11.1	9.7	9.1	8.9	10.1	9.8
11/11 7:20	1,707	1,488	1,796	1,498	1,818	1,783	1,893	2,002	1,664	1,981	1,930	1,468	1,687	1,893	1,597	10.8	10.1	11.0	9.5	11.1	11.4	11.7	11.4	9.6	11.1	11.2	8.9	9.5	10.5	9.3
11/11 7:30	1,743	1,674	1,765	1,747	1,908	1,804	1,801	1,795	1,689	1,956	1,965	1,377	1,148	1,256	1,273	10.6	10.8	10.4	10.4	11.6	11.0	11.1	9.7	9.7	10.7	10.8	8.7	7.7	8.3	8.2
11/11 7:40	1,786	1,667	1,815	1,771	1,844	1,736	1,906	1,951	1,939	1,852	1,538	1,280	1,101	1,307	1,633	11.3	10.9	10.7	10.5	11.2	11.2	11.4	10.9	10.4	10.1	9.1	8.1	7.8	8.3	8.9
11/11 7:50	1,759	1,368	1,670	1,477	1,741	1,677	1,782	1,739	1,536	1,781	1,672	1,669	1,386	1,706	1,658	11.0	9.7	10.1	9.7	10.9	11.0	11.1	9.4	8.9	9.6	9.5	9.3	8.4	9.3	9.3
11/11 8:00	1,829	1,655	1,910	1,650	1,810	1,862	1,878	1,889	1,578	1,539	1,678	1,469	1,320	1,543	1,790	11.6	10.9	11.2	9.9	11.5	12.0	11.6	10.2	9.1	8.9	9.4	8.9	8.6	9.4	9.4
11/11 8:10	1,675	1,584	1,667	1,679	1,869	1,747	1,882	1,883	1,526	1,780	1,833	1,558	1,037	1,268	1,710	10.8	10.6	10.2	10.6	11.9	11.1	12.0	10.3	8.9	9.9	9.8	9.0	7.5	8.2	9.7
11/11 8:20	1,786	1,450	1,547	1,638	1,861	1,716	1,637	1,922	1,804	1,842	1,642	1,228	1,488	1,841	1,705	11.1	10.1	9.9	10.4	11.8	10.7	10.8	10.7	10.2	10.0	9.7	8.3	8.9	9.9	9.4
11/11 8:30	1,446	1,157	1,465	1,426	1,672	1,703	1,346	1,916	1,616	1,497	1,618	1,088	1,135	1,452	1,544	9.7	9.2	9.8	9.3	10.6	10.5	9.7	10.1	9.3	8.9	9.4	7.8	7.9	8.8	9.0
11/11 8:40	1,535	1,644	1,352	1,487	1,845	1,812	1,798	1,905	1,645	1,888	1,472	1,331	988	1,085	1,553	10.4	10.9	9.2	9.4	11.3	11.2	11.5	10.6	9.5	9.9	9.0	8.3	7.6	7.6	9.0
11/11 8:50	1,734	1,623	1,888	1,458	1,444	1,621	1,782	1,545	1,896	1,947	1,819	1,338	1,085	1,455	1,697	11.5	10.8	11.6	9.8	9.7	10.4	11.3	9.3	10.1	10.4	10.4	8.8	7.7	9.1	9.3
11/11 9:00	1,929	1,902	1,906	1,858	1,932	1,647	1,724	1,515	1,834	1,956	1,863	1,826	1,329	1,587	1,750	12.0	12.2	11.8	11.6	11.3	10.4	11.0	8.9	11.0	10.9	10.7	10.1	8.4	9.6	9.7
11/11 9:10	1,900	1,945	1,916	1,472	1,450	1,704	1,922	1,330	1,876	2,015	1,931	1,164	1,252	1,808	1,862	11.4	12.5	11.8	9.8	9.6	10.9	12.0	8.7	10.9	11.8	11.6	8.2	8.2	10.1	10.6
11/11 9:20	1,294	1,778	1,853	1,498	1,497	1,522	1,830	1,627	1,656	1,811	1,974	1,373	1,419	1,814	1,980	10.2	11.4	11.7	10.6	10.2	10.5	12.2	9.7	9.4	10.7	11.3	8.7	8.8	10.5	11.1
11/11 9:30	1,993	1,768	1,832	1,191	1,254	1,351	1,614	1,841	1,628	1,585	1,908	1,815	1,672	1,801	1,349	13.2	11.9	11.2	9.1	9.1	9.3	11.1	10.3	9.3	9.9	11.3	10.6	9.4	10.4	8.6
11/11 9:40	1,923	1,846	1,481	1,389	1,395	1,379	1,816	1,484	1,693	1,483	1,820	1,001	1,085	1,197	1,600	12.8	11.9	10.0	10.2	10.1	9.8	11.7	9.6	9.8	9.3	10.8	7.7	7.8	8.4	9.5
11/11 9:50	1,888	1,537	1,736	1,618	1,695	1,823	1,888	1,947	1,951	2,013	1,985	1,835	1,434	1,568	1,416	12.2	10.7	11.1	10.7	10.7	11.6	12.0	10.7	11.7	12.6	12.1	10.6	9.4	9.5	9.1
11/11 10:00	1,785	1,557	1,560	1,687	1,850	1,881	1,985	1,935	1,583	1,834	2,001	1,958	1,401	1,692	1,849	11.6	10.6	10.3	11.0	12.0	12.6	13.0	10.8	9.4	10.5	11.6	11.0	8.4	10.0	10.1
11/11 10:10	1,785	1,884	1,956	1,906	1,973	1,988	2,008	1,861	1,219	1,808	1,910	1,840	1,861	1,945	1,975	11.5	11.9	12.9	12.9	13.7	13.6	14.6	10.4	8.2	10.4	10.7	10.4	10.3	11.1	10.4
11/11 10:20	2,016	1,997	1,996	1,995	1,999	2,000	2,000	2,009	1,811	1,666	1,611	1,381	1,425	1,350	1,104	13.4	13.2	13.3	13.3	13.8	13.3	14.4	13.1	10.8	9.6	9.4	8.7	8.7	8.3	8.0
11/11 10:30	1,995	2,005	2,000	2,004	1,999	1,954	1,943	1,856	1,857	1,736	1,938	1,687	1,822	1,620	1,790	13.4	13.2	14.4	13.6	14.0	12.8	12.3	10.9	10.1	9.8	10.5	9.7	10.2	9.7	10.2
11/11 10:40	1,980	1,984	1,936	1,999	1,999	1,997	1,908	1,900	1,950	1,841	2,013	2,007	1,962	1,948	1,968	14.4	14.1	13.7	13.2	14.1	13.4	12.1	10.6	10.7	10.5	12.3	12.0	11.4	11.3	11.7
11/11 10:50	1,880	1,978	1,922	1,883	1,903	1,659	1,602	1,991	1,960	2,004	1,869	1,972	2,013	2,012	1,993	11.8	12.7	12.6	11.8	12.2	10.5	10.7	12.2	11.3	11.3	10.5	11.4	11.9	12.1	11.8
11/11 11:00	1,902	1,955	1,987	1,967	1,980	1,658	1,732	1,935	1,993	1,379	1,957	1,997	1,947	1,912	1,862	12.2	12.9	13.0	13.1	12.5	12.0	12.7	10.5	11.0	8.3	10.8	11.2	11.1	11.6	10.6
11/11 11:10	1,772	1,749	2,011	1,956	1,937	1,809	1,904	1,964	1,503	1,538	1,920	1,768	1,899	1,862	1,761	11.6	12.1	12.8	12.4	12.4	11.4	12.0	10.7	9.0	9.3	11.2	10.2	9.9	10.6	10.4
11/11 11:20	1,996	1,857	1,693	1,317	1,745	1,788	1,898	1,732	1,842	2,013	1,910	1,942	1,932	1,887	1,664	12.7	11.8	10.9	9.7	10.9	11.8	12.4	10.0	10.4	11.8	11.2	10.8	11.1	11.1	9.4
11/11 11:30	1,836	1,709	1,828	1,603	1,633	1,709	1,865	2,004	2,005	1,668	1,753	1,809	1,859	1,628	1,746	11.7	11.0	11.7	11.1	11.0	10.8	12.0	12.8	12.1	9.6	9.4	10.3	10.5	10.2	10.0
11/11 11:40	1,907	1,550	1,979	2,014	2,008	1,925	1,954	1,904	1,854	1,991	1,957	1,698	1,347	1,749	1,656	12.2	10.6	12.0	12.7	13.4	12.2	12.0	10.8	11.2	12.1	11.2	9.8	8.4	10.0	9.6
11/11 11:50	1,824	1,782	1,961	1,993	1,977	2,015	2,010	1,953	1,753	1,732	1,425	1,367	1,006	1,183	1,771	11.9	11.6	12.2	12.7	13.3	13.7	14.2	10.7	9.8	9.9	8.8	8.6	7.6	8.4	9.7
11/11 12:00	1,846	1,893	1,996	1,923	1,984	1,999	2,002	1,419	1,279	1,345	1,534	1,622	1,396	1,696	1,762	12.1	12.1	13.1	12.4	13.5	13.6	13.3	8.9	8.7	8.7	9.7	9.4	8.6	9.5	9.6
11/11 12:10	1,764	2,006	2,000	1,879	1,963	1,990	1,980	1,800	1,783	2,016	2,015	1,980	1,734	1,834	1,588	11.6	12.5	13.0	11.8	12.4	12.3	13.0	10.3	10.1	12.0	12.5	11.0	10.1	10.6	9.6
11/11 12:20	1,887	1,689	1,846	1,839	2,012	1,908	1,817	1,872	1,886	1,902	2,000	1,990	2,012	1,923	1,686	11.8	11.2	11.3	11.8	12.9	12.5	11.9	10.3	10.5	11.9	13.4	13.2	12.4	12.2	10.9
11/11 12:30	1,816	1,726	1,916	1,981	1,975	1,939	1,996	2,015	2,001	1,986	2,000	1,999	1,845	1,965	1,986	12.0	11.8	12.2	12.7	13.2	13.2	13.9	13.5	12.5	11.6	12.9	11.7	10.6	11.5	11.5
11/11 12:40	1,781	2,016	2,007	2,003	2,004	2,000	2,000	2,000	1,978	2,003	1,998	2,000	1,992	1,998	2,006	11.7	12.8	14.2	13.8	14.5	14.5	13.7	13.0	11.8	12.5	12.6	12.7	11.6	11.9	11.6
11/11 12:50	1,881	2,000	1,999	1,995																										

11/11 14:50	1,942	1,926	1,743	1,876	1,961	1,771	1,770	1,379	1,539	2,000	1,877	1,939	1,676	1,833	1,663	12.4	12.2	11.5	12.2	12.3	11.7	12.0	8.8	9.2	11.4	10.3	10.4	9.7	10.8	9.6
11/11 15:00	1,875	1,843	1,952	1,750	1,847	1,945	1,883	1,785	1,015	1,497	1,869	1,833	1,599	1,451	1,609	12.1	12.3	12.3	11.9	12.4	12.3	12.3	9.9	7.6	8.9	10.8	10.0	9.9	9.3	9.8
11/11 15:10	1,893	1,993	1,995	1,980	1,950	1,299	1,368	1,569	1,201	1,371	1,547	1,693	1,559	1,782	1,859	12.7	13.0	13.6	12.2	12.0	9.8	10.0	9.3	8.3	8.6	9.4	9.9	9.4	10.0	10.1
11/11 15:20	1,704	1,886	1,872	1,351	1,356	1,306	1,474	1,189	1,398	1,550	1,930	1,832	1,899	1,857	1,750	11.6	12.0	12.0	9.9	9.9	9.5	10.8	8.2	8.6	9.3	10.5	10.4	10.4	11.0	10.2
11/11 15:30	1,410	1,383	1,896	1,813	1,790	1,804	1,767	1,859	1,717	1,936	1,918	1,961	1,785	1,949	1,689	10.3	10.6	12.1	11.5	11.7	11.5	11.7	10.1	9.7	10.8	11.3	10.6	9.7	10.9	9.8
11/11 15:40	1,800	1,863	1,868	1,711	1,801	1,839	1,961	1,936	1,897	1,984	1,998	2,000	1,758	1,488	1,368	11.6	11.6	11.3	11.1	11.7	12.0	12.4	10.9	10.9	11.2	11.8	11.0	10.2	9.1	9.0
11/11 15:50	1,819	1,750	1,884	1,717	1,899	1,805	1,754	1,807	1,940	1,884	1,992	1,940	1,984	1,990	1,949	11.6	11.6	11.7	10.9	11.9	11.6	11.5	10.0	10.4	10.7	11.0	10.5	11.0	10.8	10.6
11/11 16:00	1,833	1,807	1,857	1,567	1,659	1,546	1,867	1,900	1,921	1,861	1,947	1,971	1,998	2,011	2,000	11.3	11.7	11.2	10.3	11.1	10.6	11.7	10.2	10.5	10.1	10.8	10.2	11.5	11.5	11.0
11/11 16:10	1,867	1,929	2,019	1,933	1,959	1,577	1,677	1,865	1,442	1,823	1,706	1,858	1,586	1,893	1,828	11.8	13.0	12.4	12.2	12.4	10.6	10.8	10.4	9.4	9.8	9.7	10.0	8.8	10.6	10.4
11/11 16:20	1,700	1,643	1,900	1,944	1,977	1,870	1,931	2,006	1,998	1,928	1,539	1,318	864	1,000	1,074	11.3	11.1	11.5	12.2	12.6	12.2	12.6	11.1	11.0	10.9	9.1	8.5	7.2	7.6	7.6
11/11 16:30	1,549	1,235	1,444	1,207	1,708	1,639	1,785	1,635	1,386	1,021	836	1,052	939	895	1,431	10.3	9.7	9.7	9.3	10.8	10.9	11.1	9.1	8.7	7.7	7.3	7.8	7.6	7.3	8.7
11/11 16:40	964	932	1,341	1,290	1,510	1,163	1,422	1,388	978	1,086	1,335	1,304	1,007	1,318	1,301	8.3	8.4	9.5	9.4	10.0	9.2	9.9	8.6	7.6	7.7	8.6	8.3	7.9	8.2	8.1
11/11 16:50	1,096	1,088	1,429	1,208	1,433	1,411	1,485	1,650	1,491	1,432	1,628	1,243	1,191	1,520	1,279	8.9	9.4	9.6	9.1	9.9	10.0	9.8	9.1	9.0	8.6	9.4	8.1	8.0	8.9	8.5
11/11 17:00	1,319	1,069	1,209	1,165	1,575	1,519	1,671	1,815	1,405	1,292	1,099	1,348	1,172	1,211	1,559	9.2	9.0	9.1	8.8	10.2	10.4	10.5	9.6	8.7	8.3	7.8	8.4	8.1	8.0	9.1
11/11 17:10	1,279	1,167	1,445	1,356	1,476	1,362	1,614	1,118	1,073	1,081	1,281	864	749	1,121	982	9.1	9.4	9.6	9.5	10.0	9.9	10.2	7.9	7.9	7.7	8.3	6.9	6.8	7.9	7.5
11/11 17:20	930	746	884	968	1,392	1,134	1,105	1,000	939	936	1,102	633	570	765	624	7.9	7.7	7.9	8.2	9.7	9.1	8.6	7.6	7.6	7.5	7.9	6.6	6.3	6.7	6.7
11/11 17:30	1,050	1,019	781	939	1,198	1,281	1,192	634	732	635	577	674	367	366	402	8.4	8.5	7.4	7.9	9.2	9.6	9.1	6.6	7.0	6.5	6.4	6.6	5.7	5.4	5.8
11/11 17:40	1,032	727	1,038	821	994	1,182	1,285	735	663	694	656	577	292	327	358	8.3	7.5	8.2	7.5	8.8	9.2	9.6	7.2	6.7	6.9	6.8	6.5	5.2	5.0	5.6
11/11 17:50	880	518	681	577	871	993	1,033	817	840	753	808	443	199	297	427	7.8	6.6	7.0	6.9	8.5	8.8	9.2	7.1	7.3	7.0	7.2	5.9	4.8	5.1	5.9
11/11 18:00	495	465	531	777	1,147	1,068	1,101	678	613	536	655	467	489	606	642	6.5	6.9	6.9	7.6	9.2	9.1	9.5	6.6	6.5	6.2	7.0	6.2	6.2	6.3	6.8
11/11 18:10	877	863	999	894	1,182	894	1,113	820	775	969	1,071	949	752	804	972	7.9	7.9	8.2	7.8	9.1	8.2	9.2	7.3	7.1	7.6	7.9	7.6	6.9	6.9	7.5
11/11 18:20	951	1,011	1,196	924	1,198	1,150	1,053	877	752	842	1,015	771	689	1,093	814	7.8	8.6	8.7	8.2	9.1	9.0	8.9	7.3	6.9	7.2	7.8	7.0	6.7	8.0	7.2
11/11 18:30	1,015	1,118	878	1,029	1,372	1,131	1,143	924	629	825	889	576	552	576	821	8.2	8.6	7.6	8.5	9.5	8.8	9.2	7.5	6.6	7.1	7.5	6.5	6.2	6.0	7.2
11/11 18:40	997	942	1,184	1,064	1,214	1,215	1,181	905	877	1,143	1,025	652	553	700	617	8.5	7.9	8.7	8.4	9.4	8.9	9.0	7.3	7.5	7.9	7.6	6.7	6.3	6.4	6.4
11/11 18:50	1,208	966	1,167	958	1,175	1,160	1,495	1,023	1,024	889	1,109	867	524	642	691	9.5	8.4	8.7	8.0	9.3	9.3	9.8	7.7	7.7	7.3	8.0	7.4	6.2	6.4	6.8
11/11 19:00	817	601	776	823	1,161	903	970	923	921	747	944	631	536	585	509	8.1	7.5	7.4	7.8	9.4	8.5	8.2	7.5	7.4	7.0	7.5	6.6	6.4	6.1	6.4
11/11 19:10	769	703	832	703	1,043	661	905	850	938	987	1,008	563	362	608	410	8.1	7.3	7.8	7.2	9.1	7.6	8.3	7.2	7.5	7.6	7.8	6.5	5.7	6.5	5.9
11/11 19:20	736	835	884	832	1,016	917	1,117	1,012	906	919	872	695	503	433	513	7.7	7.7	7.8	7.6	8.8	8.6	8.9	7.8	7.4	7.3	7.3	6.9	6.2	5.6	6.1
11/11 19:30	1,009	859	901	786	1,017	979	1,109	927	648	696	654	438	329	423	491	9.0	7.7	7.9	7.5	9.0	8.9	9.1	7.5	6.8	6.6	6.8	5.8	5.6	5.4	6.1
11/11 19:40	1,003	1,097	899	964	1,308	1,250	1,234	634	837	653	626	545	467	726	770	8.7	8.6	8.0	8.2	10.0	9.3	9.4	6.7	7.5	6.6	6.7	6.3	6.0	6.6	6.9
11/11 19:50	1,104	891	1,022	793	1,336	1,178	1,125	763	835	813	966	568	687	790	680	8.9	7.8	8.4	7.5	9.8	9.0	9.1	7.0	7.2	7.1	7.8	6.3	6.6	6.8	6.6
11/11 20:00	1,012	813	1,152	806	1,159	1,183	1,271	879	808	865	795	498	510	640	809	8.5	7.4	8.8	7.6	9.4	8.7	9.5	7.3	7.2	7.5	7.1	6.1	6.3	6.3	7.0
11/11 20:10	876	677	778	790	1,117	1,087	1,130	710	618	492	818	374	226	489	726	7.7	7.1	7.4	7.5	9.2	8.5	9.0	6.9	6.5	6.1	7.2	5.4	4.8	5.7	6.8
11/11 20:20	1,001	602	826	783	963	1,097	1,115	884	745	767	793	414	351	426	557	8.3	7.3	7.5	7.6	8.4	8.6	8.9	7.4	7.0	7.0	7.0	5.9	5.6	5.4	6.4
11/11 20:30	922	582	613	411	848	792	946	824	733	652	606	424	260	344	447	7.8	7.2	6.9	5.9	8.1	7.6	8.5	7.1	7.1	6.6	6.5	5.9	5.1	5.2	6.0
11/11 20:40	844	489	510	538	821	915	911	786	618	560	548	228	200	281	358	7.6	6.7	6.1	6.6	8.2	8.1	8.2	7.0	6.2	6.3	6.2	5.0	4.8	4.8	5.7
11/11 20:50	833	434	603	592	886	938	1,004	530	469	317	439	150	179	217	327	7.8	6.5	6.9	6.8	8.5	8.3	8.7	6.4	6.1	5.4	5.9	4.4	4.6	4.4	5.6
11/11 21:00	822	432	623	587	969	1,034	1,171	348	246	325	361	191	136	236	313	7.8	6.5	6.9	6.8	8.9	8.7	9.3	5.5	5.1	5.7	5.6	4.7	4.4	4.7	5.3
11/11 21:10	892	516	725	758	1,153	1,110	1,315	331	398	383	399	208	178	323	409	8.2	6.7	7.4	7.6	9.4	8.8	9.7	5.5	5.7	5.8	5.8	4.7	4.6	5.2	5.9
11/11 21:20	734	493	822	741	1,140	1,181	1,337	513	489	397	562	271	217	352	473	7.5	6.7	7.8	7.6	9.4	9.2	9.8	6.3	6.3	5.7	6.4	5.1	5.0	5.1	6.0
11/11 21:30	892	590	794	813	1,174	1,228	1,302	733	630	546	614	380	301	502	633	8.1	7.0	7.7	7.7	9.4	9.2	9.6	6.9	6.6	6.3	6.6	5.8	5.5	5.9	6.6
11/11 21:40	929	578	822	729	1,097	1,161	1,240	677	556	602	727	381	346	543	727	8.4	7.3	7.8	7.3	9.2	9.0	9.4	6.9	6.3	6.6	7.0	5.7	5.6	5.9	6.7
11/11 21:50	805	385	627	663	1,113	1,009	1,145	532	524	522	752	419	411	625	741	8.0	6.2	6.8	7.2	9.3	8.6	9.1	6.3	6.2	6.2	7.1	5.9	5.9	6.3	6.9
11/11 22:00	558	410	750	724	1,083	1,102	1,097	568	589	581	782	523	477	665	750	7.0	6.6	7.7	7.5	9.2	9.0	9.2	6.3	6.5	6.3	7.1	6.2	6.2	6.5	6.9
11/11 22:10	521	518	946	786	1,280	1,173	1,232	578	584	538	768	457	396	588	648	6.8	7.0	8												

11/11 23:40	762	556	965	997	1,464	1,415	1,506	541	453	466	688	430	331	503	565	7.5	7.1	8.2	8.2	10.2	10.2	10.0	6.3	6.0	6.2	6.9	5.9	5.4	6.0	6.3
11/11 23:50	903	555	947	923	1,418	1,393	1,481	604	557	554	816	483	404	657	750	8.0	7.1	8.1	8.0	10.1	10.1	10.0	6.5	6.4	6.3	7.3	6.2	5.7	6.5	6.9
11/12 0:00	741	511	893	838	1,290	1,285	1,321	559	499	503	727	437	368	603	734	7.3	6.6	7.8	7.6	9.7	9.6	9.3	6.3	6.2	6.2	7.0	5.9	5.6	6.3	6.8
11/12 0:10	981	561	819	868	1,304	1,332	1,241	547	413	421	589	354	319	593	763	8.1	6.9	7.6	7.8	9.9	9.7	9.9	6.4	5.9	5.9	6.5	5.7	5.5	6.3	7.2
11/12 0:20	866	517	803	781	1,332	1,298	1,191	533	392	427	618	364	305	629	746	7.5	6.8	7.4	7.4	9.8	9.7	9.9	6.4	5.8	6.0	6.8	5.8	5.3	6.5	7.0
11/12 0:30	886	504	863	837	1,374	1,346	1,269	693	530	561	811	443	389	674	826	7.8	6.9	7.8	7.7	10.0	9.9	10.1	6.9	6.4	6.5	7.3	6.0	5.8	6.5	7.4
11/12 0:40	840	557	854	917	1,379	1,237	1,248	722	608	658	898	510	464	789	825	7.9	7.1	7.9	7.9	9.9	9.6	9.4	7.0	6.7	6.9	7.6	6.3	6.2	7.1	7.4
11/12 0:50	949	506	882	898	1,296	1,212	1,216	801	794	813	1,039	625	567	868	897	8.3	6.6	7.8	7.9	9.7	9.5	9.3	7.2	7.2	7.2	8.1	6.6	6.4	7.3	7.7
11/12 1:00	855	528	830	782	1,228	1,079	1,107	872	810	829	1,061	610	559	889	925	7.9	6.9	7.5	7.3	9.5	9.0	9.0	7.4	7.2	7.3	8.0	6.5	6.4	7.4	7.7
11/12 1:10	606	353	584	610	952	795	797	701	650	669	883	547	449	659	693	7.1	6.3	7.0	7.0	8.6	8.3	8.2	6.9	6.7	6.8	7.6	6.4	5.9	6.5	7.0
11/12 1:20	579	358	570	583	906	830	836	567	527	537	766	461	372	525	492	7.1	6.3	6.9	7.0	8.5	8.6	8.6	6.5	6.3	6.2	7.1	6.2	5.7	5.9	6.2
11/12 1:30	604	369	599	605	920	826	850	534	466	518	739	425	286	441	439	7.0	6.3	6.8	7.0	8.6	8.4	8.6	6.4	6.1	6.3	7.2	5.9	5.3	5.6	5.9
11/12 1:40	577	339	526	545	908	792	766	535	428	459	711	387	304	502	506	6.9	6.1	6.6	6.6	8.6	8.2	8.0	6.4	6.0	6.1	7.0	5.6	5.3	5.9	6.1
11/12 1:50	619	324	529	531	896	797	780	476	368	348	556	289	268	428	375	7.2	5.9	6.7	6.7	8.9	8.5	8.1	6.2	5.7	5.5	6.5	5.4	5.2	5.6	5.6
11/12 2:00	606	342	524	483	795	690	674	374	244	239	397	205	177	354	293	7.5	6.3	6.9	6.9	8.4	8.0	7.8	5.8	5.1	4.9	6.0	4.7	4.5	5.2	5.4
11/12 2:10	580	327	534	503	818	709	675	394	305	229	354	171	164	314	293	7.6	6.3	7.3	7.1	8.6	8.0	7.7	5.8	5.4	4.9	5.7	4.6	4.6	5.1	5.4
11/12 2:20	736	451	656	681	1,057	907	875	519	406	355	513	224	210	425	475	8.0	6.9	8.0	7.5	9.4	8.9	8.8	6.3	6.0	5.7	6.5	5.0	4.9	5.8	6.1
11/12 2:30	888	556	854	883	1,235	1,077	1,014	577	466	485	699	370	307	550	568	8.8	7.6	8.8	8.3	10.1	9.7	9.4	6.6	6.3	6.3	7.2	5.8	5.6	6.3	6.5
11/12 2:40	889	560	901	878	1,171	1,061	1,039	726	602	632	879	514	387	622	615	8.9	7.4	8.5	8.4	10.0	9.9	9.6	7.2	6.7	6.9	7.7	6.3	6.0	6.6	6.7
11/12 2:50	870	572	850	807	1,134	1,056	1,074	704	586	610	818	473	350	563	552	9.0	7.5	8.2	8.2	9.7	9.7	9.7	7.2	6.7	6.9	7.5	6.4	5.8	6.3	6.4
11/12 3:00	876	619	913	879	1,151	1,043	1,014	688	571	584	813	461	359	573	618	9.0	7.8	8.7	8.6	9.9	9.7	9.4	7.1	6.6	6.7	7.7	6.3	5.7	6.5	6.7
11/12 3:10	865	647	941	889	1,098	985	963	788	676	686	909	535	456	698	769	9.0	8.1	8.9	8.8	9.6	9.4	9.2	7.4	7.0	7.0	8.0	6.6	6.2	6.9	7.2
11/12 3:20	956	735	1,006	935	1,187	1,056	1,022	858	739	718	953	624	566	778	833	9.1	8.4	9.1	9.0	9.7	9.4	9.3	7.7	7.4	7.2	7.9	6.8	6.6	7.0	7.5
11/12 3:30	941	704	985	898	1,260	1,135	1,100	906	792	813	1,076	733	599	901	953	9.0	8.1	8.9	8.7	10.0	9.7	9.5	7.8	7.4	7.4	8.0	7.1	6.6	7.3	7.7
11/12 3:40	944	695	979	906	1,278	1,146	1,083	912	855	864	1,173	718	660	975	976	8.8	8.1	9.0	8.8	10.2	9.9	9.3	7.8	7.6	7.4	8.1	6.9	6.8	7.5	7.6
11/12 3:50	987	645	826	785	1,153	995	880	914	849	828	1,114	656	617	912	825	8.8	7.9	8.5	8.3	9.7	9.2	8.7	7.5	7.6	7.2	8.1	6.7	6.7	7.3	7.2
11/12 4:00	754	487	672	593	868	734	774	741	753	657	893	611	586	720	634	8.1	7.2	7.6	7.4	8.5	8.3	8.3	7.0	7.2	6.6	7.4	6.7	6.6	6.7	6.7
11/12 4:10	615	382	533	560	865	781	728	575	681	723	934	576	503	639	614	7.6	6.5	7.2	7.3	8.5	8.4	8.0	6.5	6.7	6.9	7.6	6.6	6.3	6.6	6.7
11/12 4:20	603	378	534	554	863	729	687	488	720	718	918	547	533	669	653	7.6	6.4	6.9	7.3	8.4	7.7	7.9	5.9	6.9	7.0	7.7	6.6	6.5	6.7	6.8
11/12 4:30	681	344	532	522	871	714	700	521	716	736	930	552	477	656	582	7.7	6.1	6.9	6.7	8.4	7.4	7.8	6.3	6.8	7.1	7.8	6.6	6.3	6.7	6.6
11/12 4:40	557	313	515	474	791	620	569	529	694	642	858	475	401	565	501	7.2	6.0	6.8	6.8	8.1	7.1	7.2	6.4	6.9	6.8	7.6	6.1	5.9	6.3	6.2
11/12 4:50	457	246	398	398	694	540	481	358	575	524	688	336	290	377	323	6.8	5.6	6.3	6.5	7.8	6.9	6.8	5.2	6.5	6.4	7.1	5.5	5.3	5.4	5.5
11/12 5:00	413	224	404	356	628	503	428	273	471	409	549	264	215	329	243	6.6	5.5	6.4	6.2	7.5	6.7	6.6	4.9	6.3	5.9	6.5	5.1	4.9	5.2	4.9
11/12 5:10	386	201	325	336	499	452	388	351	460	445	583	309	252	345	270	6.5	5.3	6.0	6.0	6.9	6.5	6.6	5.6	6.1	6.0	6.5	5.5	5.2	5.4	5.3
11/12 5:20	367	174	320	302	506	394	345	405	492	405	569	261	216	318	265	6.0	5.2	5.7	5.7	6.8	6.3	6.3	5.8	6.1	5.8	6.4	5.1	5.0	5.1	5.2
11/12 5:30	494	239	377	382	631	562	509	451	475	422	551	260	247	396	348	6.8	5.6	6.0	6.0	7.3	7.1	7.2	6.2	6.0	5.9	6.4	5.2	5.1	5.5	5.5
11/12 5:40	556	276	460	479	750	646	577	438	512	528	675	429	376	495	424	7.5	6.0	6.3	6.5	7.9	7.5	7.5	6.1	6.3	6.4	7.1	6.0	5.7	6.0	5.9
11/12 5:50	533	272	462	474	734	580	538	501	602	553	767	421	356	560	507	7.1	5.8	6.4	6.6	7.9	7.2	7.2	6.2	6.7	6.5	7.4	6.0	5.6	6.4	6.2
11/12 6:00	497	259	381	414	614	459	463	321	516	445	554	265	302	512	416	6.8	5.5	6.2	6.5	7.5	6.8	6.8	5.4	6.3	6.0	6.5	5.3	5.4	6.2	5.9
11/12 6:10	437	222	354	367	545	427	418	160	403	382	494	182	264	432	313	6.7	5.4	6.2	6.3	7.3	6.8	6.7	4.5	5.9	5.8	6.4	4.7	5.3	5.8	5.6
11/12 6:20	395	220	316	307	438	351	337	-18	476	327	470	227	323	495	405	6.5	5.4	6.0	6.0	6.8	6.4	6.2	5.1	6.2	5.6	6.3	4.9	5.6	6.0	5.9
11/12 6:30	291	130	217	255	393	391	407	347	496	355	490	231	328	497	406	5.9	4.6	5.2	5.6	6.4	6.5	6.7	5.5	6.2	5.6	6.2	4.9	5.7	6.1	5.9
11/12 6:40	283	171	286	326	489	489	509	205	447	313	424	196	302	420	298	5.6	5.2	5.8	6.4	7.1	7.1	7.2	4.3	6.1	5.5	6.1	4.7	5.6	5.9	5.3
11/12 6:50	341	239	383	456	628	647	724	261	403	298	425	244	337	376	256	6.1	5.8	6.3	7.0	7.5	7.7	8.3	5.1	6.0	5.4	6.1	5.0	5.7	5.5	4.9
11/12 7:00	446	328	496	543	731	837	927	306	397	302	443	251	295	342	272	6.7	6.3	6.8	7.1	7.9	8.8	9.2	5.6	6.0	5.4	6.2	5.0	5.4	5.1	4.9
11/12 7:10	536	372	531	556	758	849	939	330	455	346	500	256	305	412	332	6.9	6.5	6.9	7.2	8.1	8.6	9.2	5.3	6.1	5.6	6.5	4.9	5.4	5.5	5.3
11/12 7:20	507	359	522	556	742	816	899	268	422	300	436	281	369	462	368	6.8	6.4	6.8	7.1	7.9	8.8	9.2	5.0	6.0	5.4	6.2	5.1	5.8	5.8	5.5
11/12 7:30	499	358	543	565	728																									

11/12 8:30	501	327	489	499	590	587	497	211	536	443	571	255	308	365	331	6.5	6.1	6.8	6.7	7.5	7.3	7.1	4.3	6.4	6.0	6.5	5.1	5.5	5.3	5.5
11/12 8:40	518	325	452	471	564	579	527	172	513	418	525	236	271	321	254	6.6	6.0	6.6	6.6	7.3	7.4	7.5	3.9	6.3	5.9	6.3	4.9	5.3	5.2	5.2
11/12 8:50	634	401	516	512	636	621	570	214	496	362	474	265	269	358	241	7.1	6.6	6.9	6.9	7.5	7.7	7.5	4.6	6.3	5.7	6.2	5.1	5.2	5.3	5.0
11/12 9:00	551	427	548	536	644	506	497	140	392	316	410	224	251	368	310	6.4	6.5	6.8	6.7	7.4	6.8	7.0	3.9	5.9	5.4	5.8	4.8	5.1	5.3	5.3
11/12 9:10	388	282	388	392	544	440	408	184	319	399	479	217	231	273	256	5.9	5.6	5.9	5.9	6.9	6.6	6.6	4.5	5.5	6.0	6.2	4.7	4.8	4.6	4.9
11/12 9:20	300	251	321	367	374	264	245	302	302	200	325	159	149	120	80	5.4	5.3	5.5	6.0	6.3	5.5	5.3	5.3	5.2	4.6	5.6	4.4	4.3	3.6	3.6
11/12 9:30	326	182	276	232	412	274	125	148	212	139	214	37	156	172	166	5.6	4.6	5.5	5.3	6.5	5.8	4.3	4.1	4.8	4.1	4.9	5.1	4.5	4.2	4.4
11/12 9:40	310	191	365	340	327	206	122	129	177	164	183	75	354	259	125	5.8	5.0	6.1	5.9	5.9	5.1	4.4	4.2	4.6	4.5	4.7	5.5	5.7	4.8	4.2
11/12 9:50	237	190	318	235	145	12	37	133	244	239	330	454	588	432	143	5.2	5.1	5.6	5.1	4.6	3.9	3.3	4.2	5.0	5.0	5.5	6.0	6.7	5.6	4.4
11/12 10:00	223	113	134	83	95	1	92	202	183	481	506	585	671	537	234	5.3	4.4	4.3	3.8	4.1	4.3	4.1	4.5	4.7	6.2	6.4	6.6	6.8	5.9	4.9
11/12 10:10	153	48	90	-25	117	93	132	70	336	444	553	533	358	273	283	4.5	3.5	3.9	4.6	4.4	3.9	4.3	4.1	5.6	6.0	6.4	6.3	5.6	5.3	5.2
11/12 10:20	114	26	90	47	133	112	170	120	388	503	465	229	388	363	448	4.0	3.2	3.9	4.2	4.3	4.2	5.1	4.1	5.8	6.3	6.2	5.1	5.9	5.4	5.8
11/12 10:30	74	-11	41	70	98	64	107	195	262	321	302	383	384	318	203	3.7	2.4	3.3	3.5	3.9	3.5	4.2	4.8	5.0	5.5	5.5	6.0	5.6	5.1	4.7
11/12 10:40	75	7	57	81	92	66	112	293	389	403	246	432	422	359	364	3.6	2.8	3.5	3.6	3.9	3.6	4.2	5.3	5.8	6.0	5.2	5.9	5.9	5.3	5.6
11/12 10:50	119	71	104	126	95	65	91	145	482	536	423	288	296	367	336	4.3	3.8	4.1	4.1	3.9	3.4	3.7	4.2	6.2	6.4	5.9	5.3	5.3	5.3	5.5
11/12 11:00	146	80	119	97	98	82	112	139	299	362	238	382	255	315	239	4.5	4.1	4.2	4.0	4.3	4.0	4.2	4.0	5.3	5.6	5.1	5.9	5.1	5.2	5.0
11/12 11:10	147	23	71	90	150	104	139	184	354	228	461	470	315	244	345	4.0	2.9	3.6	3.8	4.4	4.1	4.6	4.5	5.6	4.9	6.1	6.2	5.5	4.4	5.6
11/12 11:20	67	10	81	140	153	119	170	140	371	475	515	518	372	302	310	3.3	2.6	3.7	4.2	4.6	4.2	4.9	4.0	5.7	6.1	6.3	6.3	5.6	5.1	5.5
11/12 11:30	185	76	202	241	339	374	367	190	332	298	452	510	377	429	428	4.8	3.7	4.8	5.2	5.7	6.3	5.8	4.5	5.3	5.2	6.2	6.2	5.4	5.6	5.8
11/12 11:40	176	51	206	272	269	323	333	217	446	647	732	687	711	590	419	4.3	3.4	5.0	5.2	5.3	5.5	6.0	4.3	6.0	6.7	7.0	6.7	6.9	6.3	6.0
11/12 11:50	200	119	169	204	268	251	326	267	733	907	807	579	515	368	311	4.7	4.2	4.5	5.0	5.6	5.5	5.8	4.6	7.0	7.5	7.2	6.4	6.2	5.3	5.1
11/12 12:00	68	19	150	249	327	253	321	257	622	788	648	420	399	95	141	3.5	3.1	4.4	5.2	6.0	5.5	5.9	4.9	6.7	7.2	6.6	5.9	5.8	3.8	4.3
11/12 12:10	92	-9	78	240	251	235	308	271	596	609	807	703	522	377	413	4.4	3.0	3.4	5.2	5.4	4.9	6.0	4.7	6.6	6.6	7.4	6.8	6.2	5.5	5.9
11/12 12:20	101	-7	117	252	321	239	271	216	521	380	659	582	413	310	314	3.6	2.4	4.0	5.2	5.9	5.3	5.5	4.7	6.3	5.5	6.6	6.7	5.9	4.9	5.4
11/12 12:30	166	68	104	151	220	202	209	343	413	340	482	479	388	430	206	4.6	3.5	3.8	4.4	5.1	5.0	4.8	5.5	5.8	5.5	6.1	6.2	5.8	5.7	4.8
11/12 12:40	159	67	113	107	151	124	98	136	417	370	514	566	477	305	293	4.4	3.7	3.8	3.8	4.5	4.3	3.9	4.0	5.9	5.7	6.1	6.6	6.2	5.0	5.2
11/12 12:50	134	63	74	108	42	111	126	125	248	405	450	361	250	378	478	4.1	3.7	3.4	4.0	3.3	4.1	4.2	4.1	5.0	5.9	6.0	5.5	5.0	5.4	6.2
11/12 13:00	63	28	68	56	121	105	139	119	263	223	368	335	304	416	416	3.3	3.2	3.6	3.3	4.3	4.1	4.4	4.1	5.1	4.8	5.5	5.4	5.5	5.8	5.8
11/12 13:10	104	68	132	111	164	185	175	185	318	560	535	436	614	606	592	3.7	3.5	4.0	3.8	4.8	4.8	4.7	4.5	5.4	6.4	6.3	6.0	6.5	6.3	6.2
11/12 13:20	198	140	235	191	251	305	411	296	413	476	425	553	460	320	501	4.6	4.4	4.8	4.7	5.4	5.7	6.3	5.3	5.9	6.0	5.8	6.4	6.2	5.0	6.3
11/12 13:30	161	86	195	241	390	385	536	229	333	340	481	460	467	454	609	4.5	3.8	4.8	5.1	6.2	6.2	7.0	4.9	5.4	5.5	6.2	5.8	6.4	5.8	6.5
11/12 13:40	193	155	162	209	355	327	452	129	201	437	588	607	515	618	598	4.7	4.6	4.5	5.0	5.8	5.7	6.5	4.2	4.6	6.1	6.5	6.7	6.3	6.5	6.4
11/12 13:50	224	152	151	192	335	276	444	76	261	456	628	633	432	400	418	5.2	4.6	4.5	4.7	5.6	5.5	6.7	3.8	5.1	5.9	6.6	6.5	6.0	5.4	5.7
11/12 14:00	297	230	176	236	346	338	420	151	253	409	460	486	583	481	287	5.3	5.4	4.7	5.3	6.1	6.0	6.5	4.3	5.0	6.0	6.1	6.3	6.7	5.8	5.4
11/12 14:10	183	126	245	288	323	280	346	211	252	300	393	475	422	262	295	4.7	4.4	5.2	5.5	6.0	5.6	6.0	4.6	5.0	5.3	5.6	6.1	5.9	4.7	5.3
11/12 14:20	338	253	376	368	370	311	356	88	204	278	376	409	568	363	330	6.2	5.2	5.9	6.0	6.2	6.1	6.3	3.9	5.0	5.4	5.8	5.9	6.7	5.3	5.5
11/12 14:30	256	147	281	324	250	212	338	191	394	458	551	421	316	175	253	5.1	4.6	5.3	5.5	5.1	4.9	5.9	4.5	6.0	6.1	6.5	5.8	5.4	4.0	5.1
11/12 14:40	279	187	265	231	187	159	207	78	200	247	324	348	251	183	290	5.5	5.1	5.2	4.9	5.1	4.5	4.7	3.6	4.7	5.0	5.4	5.6	5.1	4.3	5.5
11/12 14:50	324	188	229	228	232	175	351	40	181	278	281	151	206	231	305	5.6	5.1	4.9	5.0	5.5	5.0	5.9	3.3	4.7	5.3	5.2	4.2	4.8	4.5	5.4
11/12 15:00	151	43	163	214	249	243	336	18	165	179	203	138	176	159	192	4.5	3.4	4.7	5.1	5.5	5.3	6.1	3.1	4.6	4.6	4.6	4.3	4.7	3.9	4.9
11/12 15:10	260	164	253	230	385	362	396	58	192	122	192	112	121	188	272	5.6	5.1	5.2	5.0	6.1	6.2	6.3	3.4	4.8	4.3	4.6	4.1	4.4	4.5	5.3
11/12 15:20	216	104	208	222	321	229	325	48	278	262	336	261	113	233	225	5.2	4.4	5.0	5.2	5.8	5.0	5.9	3.2	5.3	5.3	5.5	5.2	4.1	4.7	4.9
11/12 15:30	277	151	210	241	258	323	376	61	243	250	208	180	215	240	161	5.8	4.9	4.9	5.2	5.5	6.0	6.0	3.3	5.1	5.1	4.6	4.6	5.0	4.6	4.4
11/12 15:40	268	167	225	238	290	195	236	39	112	143	131	111	139	157	122	5.5	4.9	4.9	5.2	5.8	5.0	5.0	3.2	4.2	4.4	4.2	3.9	4.5	4.1	4.2
11/12 15:50	215	142	168	175	222	229	205	9	57	42	56	75	25	87	108	4.8	4.7	4.8	5.1	5.5	5.5	5.2	2.8	3.7	3.5	3.4	3.7	3.6	3.5	4.0
11/12 16:00	157	110	138	147	179	170	176	-6	-8	-7	6	13	10	52	43	4.3	4.2	4.4	4.7	5.2	5.1	5.0	2.5	2.7	2.7	2.9	2.8	3.3	3.1	3.4
11/12 16:10	151	103	133	112	118	96	99	-13	-14	-7	17	19	8	38	38	4.2	4.1	4.3	4.2	4.4	4.3	4.1	2.1	2.6	2.8	3.1	3.0	3.4	3.0	3.3
11/12 16:20	120	48	64	61	99	65	81	-10	0	10	28	32	38	72	75	4.2	3.5	3.6	3.6	4.3	3.9	3.9	2.2	2.9	3.1	3.2	3.2	3.7	3.5	3.8
11/12 16																														

11/12 17:20	165	52	-14	153	178	169	161	133	139	168	270	210	186	245	234	4.8	3.6	1.7	4.5	5.2	5.2	4.9	4.3	4.4	5.0	5.3	5.0	5.1	5.3	5.0
11/12 17:30	155	10	-10	180	194	162	172	180	276	290	382	305	270	335	307	4.3	2.5	1.9	5.0	5.4	5.0	5.0	4.5	5.7	5.6	5.8	5.5	5.5	5.8	5.4
11/12 17:40	144	24	-7	182	230	197	193	140	330	308	373	305	266	339	321	4.3	2.7	2.0	5.0	5.7	5.2	4.8	4.3	5.8	5.6	5.7	5.5	5.5	5.7	5.6
11/12 17:50	119	-9	-9	155	189	163	195	159	295	243	323	217	178	291	273	4.1	2.2	1.9	4.8	5.3	5.0	5.1	4.4	5.6	5.1	5.6	5.0	4.9	5.3	5.2
11/12 18:00	285	140	28	204	236	217	215	187	230	251	367	266	188	290	273	6.0	4.8	2.3	5.3	5.9	5.8	5.6	4.7	5.6	5.7	5.8	5.5	5.1	5.6	5.4
11/12 18:10	257	64	-12	228	252	244	255	206	267	241	358	241	204	303	268	5.7	3.2	2.0	5.3	5.9	5.8	5.7	4.8	5.4	5.4	5.8	5.4	5.2	5.5	5.4
11/12 18:20	248	59	-10	234	257	234	248	221	163	162	372	282	244	319	312	5.3	3.4	1.9	5.3	5.8	5.7	5.6	5.0	4.2	4.6	5.8	5.6	5.5	5.5	5.6
11/12 18:30	297	210	177	256	309	300	320	243	112	91	410	274	214	297	321	5.5	5.5	5.0	5.7	6.2	6.2	6.4	5.0	3.5	3.4	6.1	5.4	5.1	5.4	5.8
11/12 18:40	214	272	220	311	393	388	401	370	168	77	455	325	279	370	365	4.9	5.8	5.3	5.9	6.8	6.8	6.8	5.8	4.3	3.0	6.1	5.9	5.7	6.0	5.8
11/12 18:50	363	127	340	325	382	332	319	327	63	17	399	298	259	357	370	6.0	4.4	6.2	6.1	6.7	6.5	6.4	5.7	3.4	2.2	6.1	5.9	5.6	6.1	5.9
11/12 19:00	327	234	338	368	404	341	285	299	114	-11	255	300	286	239	386	6.0	5.4	6.1	6.3	6.7	6.5	6.0	5.4	4.1	2.1	4.9	5.8	5.7	4.7	6.2
11/12 19:10	303	228	377	380	434	343	308	381	139	-13	220	204	240	208	407	5.9	5.3	6.4	6.4	7.1	6.5	6.1	5.9	4.2	2.2	4.8	5.3	5.5	4.4	5.9
11/12 19:20	442	328	497	486	534	457	431	315	112	-8	339	322	331	316	574	6.6	6.0	6.9	6.9	7.5	7.3	6.8	5.5	3.9	2.5	5.7	5.8	5.8	5.5	6.6
11/12 19:30	563	299	659	631	640	564	545	284	103	-12	476	602	557	531	843	6.9	5.5	7.6	7.6	8.0	7.7	7.0	5.3	3.9	2.2	6.3	7.2	6.8	7.1	7.5
11/12 19:40	643	213	748	721	757	647	565	364	87	-7	708	649	629	782	923	7.2	4.7	7.7	7.9	8.4	8.0	7.1	5.7	3.7	2.8	7.4	7.0	7.0	8.0	7.6
11/12 19:50	667	362	649	621	716	591	475	269	22	2	798	629	600	785	947	7.3	6.5	7.4	7.4	8.2	7.7	7.1	5.1	2.6	2.5	7.6	6.9	6.9	7.8	7.7
11/12 20:00	594	438	757	711	720	575	495	514	121	-11	424	409	377	447	721	6.8	6.9	8.0	8.0	8.5	7.9	7.5	6.3	4.0	2.3	5.8	6.3	5.8	6.0	7.3
11/12 20:10	826	518	865	773	834	696	591	735	189	13	620	577	538	545	877	7.9	6.9	8.2	8.1	8.7	8.2	7.8	7.1	4.5	2.7	6.9	7.0	6.3	6.5	7.7
11/12 20:20	903	187	680	748	874	825	811	641	151	34	928	687	637	1,225	1,399	8.2	4.2	7.4	7.8	8.7	8.5	8.7	6.6	3.8	3.0	8.0	7.0	7.0	8.9	8.8
11/12 20:30	1,203	204	860	1,011	1,185	1,115	1,075	504	154	92	1,412	1,055	1,041	1,668	1,752	9.4	5.0	8.2	8.7	9.7	9.7	10.1	6.1	3.9	3.4	9.0	8.1	8.3	9.8	9.4
11/12 20:40	1,387	666	1,195	1,378	1,563	1,424	1,339	1,031	203	156	1,797	1,432	1,207	1,797	1,785	9.5	7.9	9.4	9.7	10.6	10.5	10.9	7.7	4.3	4.3	10.1	9.1	8.4	10.2	9.6
11/12 20:50	1,305	1,274	1,544	1,720	1,879	1,690	1,509	1,197	219	223	1,452	1,044	1,023	1,795	1,899	8.8	10.1	10.8	10.6	11.5	11.0	10.9	8.1	4.7	4.7	8.8	7.7	7.7	9.7	9.7
11/12 21:00	1,445	1,368	1,448	1,589	1,780	1,599	1,411	1,077	311	301	1,184	649	580	1,031	1,349	9.2	10.1	10.5	10.2	11.2	10.5	10.4	7.9	4.8	4.6	8.4	7.0	6.7	7.9	8.4
11/12 21:10	1,266	966	1,091	1,241	1,531	1,447	1,380	1,479	226	328	1,860	1,412	1,310	1,706	1,741	8.7	8.5	9.4	9.6	10.3	9.9	10.2	8.8	4.2	4.8	10.1	8.8	9.2	9.8	9.4
11/12 21:20	944	651	860	1,065	1,537	1,429	1,451	1,304	287	225	1,594	1,115	1,004	1,279	1,146	7.5	7.3	8.2	9.0	10.2	9.8	10.6	8.3	4.5	4.0	9.3	8.0	8.0	8.5	7.7
11/12 21:30	919	608	845	1,054	1,405	1,301	1,221	811	255	218	822	591	530	698	621	8.1	7.2	8.3	9.0	10.0	9.5	9.8	7.0	4.3	4.1	7.4	6.8	6.8	7.2	6.9
11/12 21:40	1,098	603	902	840	956	885	799	440	131	99	815	551	521	825	864	9.0	7.2	8.4	8.2	8.5	8.1	7.7	5.9	3.7	3.3	7.6	6.9	6.6	7.4	7.4
11/12 21:50	1,031	369	850	763	918	756	753	403	241	77	415	303	441	402	660	8.5	5.9	8.1	8.0	8.7	8.0	8.3	5.9	4.7	3.5	5.6	5.6	6.4	6.0	7.0
11/12 22:00	1,533	409	1,040	1,074	1,285	1,166	1,140	703	163	44	829	883	931	1,270	1,321	10.0	5.6	8.4	9.1	10.0	9.7	9.9	6.8	4.1	3.2	7.4	8.2	8.1	9.1	8.4
11/12 22:10	1,755	446	1,072	1,169	1,486	1,362	1,290	1,208	191	94	1,513	1,196	1,030	1,481	1,407	10.9	5.8	8.9	9.3	10.7	10.8	11.0	8.1	4.1	3.5	9.3	8.7	8.1	9.4	8.6
11/12 22:20	1,325	484	1,180	1,195	1,408	1,279	1,202	1,396	395	90	1,158	1,073	979	1,129	1,318	9.2	6.5	9.8	9.8	10.8	10.8	10.6	8.8	5.6	3.6	7.9	8.3	8.3	8.9	8.8
11/12 22:30	1,306	672	1,141	1,077	1,235	1,108	1,029	1,148	334	74	1,046	906	891	1,074	1,364	9.5	7.6	9.7	9.5	10.3	10.2	9.7	8.0	5.1	3.3	7.7	7.7	7.3	8.3	8.5
11/12 22:40	1,564	842	1,262	1,249	1,408	1,233	1,123	1,005	201	21	875	820	743	1,071	1,292	10.5	8.0	9.7	9.6	10.7	10.2	10.0	7.7	4.5	2.8	7.5	7.8	7.2	8.6	8.7
11/12 22:50	1,492	973	1,109	1,188	1,449	1,285	1,150	917	203	237	1,316	1,088	1,138	1,523	1,538	9.8	8.6	9.1	9.6	10.1	9.4	9.3	7.2	5.0	4.3	8.7	8.3	8.5	9.3	9.2
11/12 23:00	1,213	824	831	879	1,033	995	963	1,121	330	169	1,502	1,156	1,088	1,471	1,386	9.0	8.2	8.1	8.4	8.7	8.5	8.6	8.1	5.0	3.8	9.1	8.4	8.2	9.3	8.8
11/12 23:10	1,096	742	763	883	1,096	1,060	1,078	979	228	150	1,407	1,107	992	1,278	1,157	8.5	7.8	7.8	8.3	9.3	9.4	9.0	7.7	4.5	3.9	8.9	8.4	7.8	8.9	8.3
11/12 23:20	708	404	552	800	799	803	748	951	302	156	1,354	961	924	1,254	1,180	7.0	6.1	6.9	8.0	8.0	8.2	7.6	7.5	4.8	3.8	8.9	8.0	8.0	8.7	8.4
11/12 23:30	1,068	324	618	623	802	644	594	685	198	72	1,122	870	852	1,015	1,059	8.8	5.8	7.3	7.2	8.3	7.8	7.7	6.7	4.5	3.3	8.2	7.8	7.7	8.2	8.2
11/12 23:40	1,114	725	898	980	1,169	1,009	942	1,147	250	75	1,347	992	953	1,253	1,195	8.7	7.7	8.5	8.5	9.7	9.4	9.2	7.9	4.5	3.5	9.1	8.2	7.9	8.9	8.1
11/12 23:50	1,522	969	1,064	1,386	1,648	1,433	1,356	1,357	384	426	2,006	1,590	1,481	1,973	1,922	10.0	8.6	8.9	9.9	10.6	10.8	10.8	8.5	5.2	5.4	10.1	9.3	9.0	10.4	9.8
11/13 0:00	1,651	722	409	1,472	1,861	1,849	1,826	1,319	1,179	1,364	1,985	1,672	1,445	1,880	1,956	10.5	7.5	5.1	9.7	11.1	11.5	11.8	8.1	8.2	8.8	10.5	9.4	8.8	10.2	9.9
11/13 0:10	1,127	399	143	1,140	1,486	1,487	1,548	757	1,014	984	1,646	1,136	1,108	1,396	1,336	8.5	5.9	3.8	8.6	10.0	10.1	10.8	7.0	7.9	7.6	9.4	8.1	8.0	9.0	8.5
11/13 0:20	937	324	146	981	1,179	1,073	1,241	1,071	716	1,032	1,930	1,646	1,608	1,983	1,887	8.5	5.7	3.6	8.5	9.1	9.4	9.9	7.8	6.6	7.6	10.3	9.4	9.3	10.7	10.1
11/13 0:30	787	267	119	820	937	940	994	1,482	1,129	1,860	1,999	1,970	1,848	1,999	1,997	7.6	5.0	3.3	8.0	8.5	8.5	9.0	8.8	7.3	9.9	11.0	10.2	9.9	11.0	10.3
11/13 0:40	487	107	89	663	814	868	890	1,374	1,239	1,706	1,997	1,852	1,726	1,919	1,830	6.1	3.9	3.1	7.2	8.1	8.4	8.7	8.4	8.0	9.5	10.6	9.7	9.4	10.3	9.6
11/13 0:50	454	111	91	894	982	933	904	1,434	1,519	1,835	1,999	1,875	1,472	1,846	1,728	5.8	3.8	3.0	8.0											

11/13 2:10	148	-6	106	313	686	734	812	164	191	187	309	200	159	310	341	4.3	2.4	3.9	5.8	8.1	8.0	8.8	4.6	4.7	4.8	5.5	4.7	4.6	5.1	5.6
11/13 2:20	463	21	44	617	1,126	1,071	1,103	197	183	239	456	298	194	382	379	6.9	3.1	2.6	7.6	9.1	9.3	9.8	4.9	4.8	5.2	6.2	5.5	4.9	5.7	5.9
11/13 2:30	545	239	135	709	1,067	1,110	1,067	240	227	241	621	373	301	504	543	7.3	5.6	3.3	7.5	9.7	8.6	9.3	5.1	4.8	5.0	6.5	5.9	5.4	6.0	6.5
11/13 2:40	223	173	465	752	1,259	1,185	1,331	295	171	216	846	526	415	687	789	5.0	4.5	6.9	8.4	9.0	9.9	9.0	5.2	4.2	4.6	7.3	6.5	6.2	6.9	7.2
11/13 2:50	386	175	538	860	1,274	1,202	1,299	216	78	132	750	477	426	648	711	6.5	4.6	7.5	7.6	8.9	9.4	8.9	4.8	3.4	3.8	7.0	6.5	6.3	6.6	6.8
11/13 3:00	537	181	520	900	1,330	1,330	1,318	250	20	96	811	502	415	657	725	7.1	4.7	7.0	7.7	9.2	8.7	9.0	5.1	2.3	3.4	7.2	6.6	6.2	6.8	6.9
11/13 3:10	818	276	537	987	1,379	1,364	1,356	155	-5	39	778	425	328	523	620	8.1	5.2	6.6	8.0	9.2	8.9	9.2	4.4	1.8	3.2	7.2	6.2	5.8	6.2	6.5
11/13 3:20	856	178	445	835	1,227	1,258	1,263	169	-8	-2	621	382	315	489	594	8.7	4.6	6.2	7.6	9.1	8.7	9.1	4.5	2.4	2.4	7.0	6.1	5.7	6.5	6.5
11/13 3:30	1,228	268	747	1,108	1,492	1,461	1,397	229	0	-5	611	464	432	714	915	10.0	5.3	7.6	8.7	10.2	9.6	9.8	4.9	2.6	2.3	6.9	6.3	6.2	7.2	7.4
11/13 3:40	915	427	876	1,407	1,749	1,728	1,673	120	-12	49	1,219	781	750	1,238	1,316	8.3	6.3	7.9	9.6	10.7	10.3	10.2	4.0	2.2	3.5	8.4	7.2	7.1	8.4	8.3
11/13 3:50	407	237	651	1,049	1,426	1,397	1,325	126	-7	70	1,338	862	810	1,183	1,297	6.1	4.8	7.0	8.2	9.5	9.2	9.4	4.0	2.5	3.7	8.6	7.6	7.2	8.1	8.1
11/13 4:00	613	138	409	750	1,130	1,136	1,099	160	70	106	920	514	452	687	842	7.4	4.7	6.0	7.0	8.7	8.4	8.7	4.4	3.0	3.5	7.5	6.2	6.1	6.6	7.3
11/13 4:10	430	97	272	551	908	912	912	121	32	83	660	359	291	459	473	6.4	4.2	5.3	6.3	7.8	7.4	8.2	4.3	2.8	3.3	6.9	5.7	5.4	6.0	6.3
11/13 4:20	449	86	266	503	871	911	993	202	39	76	663	362	273	482	486	7.0	3.9	5.2	6.1	8.3	7.9	8.9	4.8	2.6	3.2	6.7	5.9	5.4	6.0	6.1
11/13 4:30	643	232	422	629	1,091	1,105	1,017	239	-9	1	458	261	209	327	399	7.1	5.1	6.5	6.9	8.7	8.8	8.4	5.1	1.8	2.0	5.9	5.0	5.1	5.1	5.5
11/13 4:40	652	347	454	638	1,214	1,156	1,165	418	-3	-10	333	220	170	234	328	7.4	5.7	6.4	6.7	9.0	9.2	8.2	5.9	2.3	1.6	5.5	4.7	4.5	4.6	5.2
11/13 4:50	670	389	552	743	1,385	1,346	1,324	527	61	-9	291	225	203	254	409	7.5	5.8	6.7	7.1	9.6	9.9	8.9	6.2	3.8	1.6	5.0	4.9	4.9	4.3	5.6
11/13 5:00	1,416	415	585	1,292	1,742	1,713	1,494	659	344	196	270	175	367	171	815	9.5	6.6	6.5	9.4	11.6	10.7	10.4	6.6	5.5	4.7	4.8	4.0	5.9	4.1	6.6
11/13 5:10	1,495	614	624	1,467	1,890	1,571	1,391	610	659	503	457	191	679	299	1,671	9.3	7.5	6.9	9.6	10.6	10.0	10.5	6.6	6.7	6.1	5.7	3.8	6.7	4.4	9.0
11/13 5:20	1,761	1,219	753	1,693	1,864	1,336	1,086	1,064	837	742	659	195	496	529	1,782	10.6	9.9	7.4	10.9	11.0	9.5	9.7	7.8	7.3	7.1	6.4	4.2	5.8	5.7	9.6
11/13 5:30	1,724	930	836	1,672	2,005	1,715	1,599	1,006	562	468	479	279	1,072	839	1,916	10.4	8.5	7.6	10.6	11.6	10.6	10.5	7.6	6.4	5.8	5.9	5.0	8.0	6.5	10.3
11/13 5:40	1,541	651	923	1,547	1,967	1,845	1,627	381	139	80	421	386	631	378	1,503	9.7	7.3	8.0	9.9	11.4	10.9	10.0	5.7	4.3	3.6	5.6	5.6	6.7	4.9	8.7
11/13 5:50	1,353	655	685	1,382	1,893	1,580	1,447	316	207	142	328	209	471	241	1,140	10.1	7.4	7.0	9.7	11.2	10.5	9.8	5.6	4.9	4.1	5.3	4.3	6.1	4.2	7.9
11/13 6:00	994	447	485	1,382	1,954	1,436	1,377	268	84	64	134	58	282	191	1,228	8.3	6.7	6.5	9.9	11.4	10.2	10.0	5.3	3.7	3.7	3.7	3.4	5.4	3.9	8.3
11/13 6:10	1,242	546	639	1,561	1,994	1,455	1,383	324	161	106	133	43	145	154	698	8.8	7.2	6.9	10.3	11.3	10.0	9.7	5.6	4.6	4.2	4.1	3.1	4.3	3.7	6.9
11/13 6:20	1,275	642	596	1,686	1,906	1,233	1,269	490	363	248	309	69	197	249	568	9.1	7.7	6.8	10.7	11.4	9.1	9.7	6.3	5.8	5.2	5.4	3.8	4.6	4.7	6.7
11/13 6:30	1,055	524	523	1,324	1,833	1,388	1,360	584	333	255	366	137	334	270	1,077	8.3	7.4	6.7	9.4	10.7	9.9	9.8	6.6	5.6	5.2	5.4	4.3	5.5	4.2	8.0
11/13 6:40	1,061	519	403	1,181	1,668	1,248	1,145	607	426	240	357	123	299	201	974	8.3	7.0	6.0	8.9	10.2	9.1	8.9	6.8	6.0	5.0	5.2	3.8	5.2	3.9	7.7
11/13 6:50	1,303	607	633	1,401	1,851	1,534	1,307	591	512	356	510	80	377	319	1,652	9.8	7.3	7.6	9.8	11.0	10.3	9.5	6.7	6.5	5.8	6.2	3.5	5.5	4.8	9.1
11/13 7:00	1,533	871	1,141	1,909	2,000	1,817	1,615	640	544	368	401	171	461	384	1,694	10.9	8.8	8.8	11.3	12.1	11.4	10.6	6.9	6.3	5.8	5.8	4.2	5.9	5.1	9.4
11/13 7:10	1,300	653	722	1,678	1,991	1,472	1,407	278	167	110	178	118	255	275	1,234	9.8	8.3	7.2	10.7	11.5	10.5	10.3	5.3	4.6	4.0	4.6	3.7	4.9	4.6	8.2
11/13 7:20	951	401	353	1,412	1,733	1,041	1,114	275	261	188	204	69	100	193	647	8.0	7.1	5.9	9.9	10.9	8.7	9.7	5.5	5.4	4.9	4.5	3.6	3.9	4.1	6.7
11/13 7:30	845	360	485	1,467	1,897	1,263	1,211	277	263	177	232	52	59	186	680	7.9	6.7	6.3	9.9	11.1	9.7	9.8	5.4	5.4	4.7	4.9	3.2	3.5	3.9	6.8
11/13 7:40	941	391	571	1,399	1,808	1,363	1,092	296	312	222	357	105	87	231	659	8.6	6.9	6.5	9.7	10.7	10.1	9.2	5.6	5.6	5.0	5.6	3.9	3.8	4.2	6.8
11/13 7:50	757	346	498	1,116	1,516	1,203	906	181	208	165	264	114	180	180	742	8.2	6.6	6.2	8.6	9.9	9.4	8.3	4.8	5.0	4.7	4.9	3.7	4.6	3.7	6.9
11/13 8:00	625	262	384	924	1,215	965	731	93	171	125	150	18	44	98	484	7.7	6.0	5.7	7.9	9.5	9.2	7.7	4.2	4.7	4.4	4.2	2.9	3.5	3.5	6.3
11/13 8:10	495	203	284	751	1,104	835	622	1	-1	-7	38	-11	6	20	210	6.9	5.4	5.3	7.3	9.1	8.9	7.3	3.1	3.2	3.1	3.5	2.4	2.8	2.5	4.7
11/13 8:20	275	97	154	343	551	490	329	11	17	5	51	-8	-13	0	115	5.6	4.2	4.2	5.8	7.2	7.0	6.0	3.3	3.5	3.4	3.5	2.6	2.5	2.3	4.5
11/13 8:30	358	135	297	767	1,039	929	597	35	77	67	205	71	12	115	428	6.4	5.1	5.2	7.5	8.8	8.8	7.8	3.4	4.0	3.9	4.7	3.8	3.1	3.8	6.2
11/13 8:40	389	162	402	736	948	913	609	-11	-5	2	74	5	59	68	353	6.3	5.1	5.9	7.2	8.3	8.7	7.6	1.9	2.3	2.3	3.4	2.5	3.3	2.7	5.5
11/13 8:50	173	55	196	271	452	352	164	-11	-9	-11	-3	-9	-10	-13	15	4.4	3.9	4.8	5.4	6.6	6.0	4.7	2.1	2.3	2.4	3.0	2.8	2.2	2.3	3.5
11/13 9:00	53	-6	52	111	248	275	168	-15	-10	-11	-10	-8	-8	-9	-22	3.0	2.3	3.0	3.6	4.4	4.4	3.8	3.1	2.8	2.6	1.5	1.9	1.9	1.3	1.6
11/13 9:10	-10	-14	-10	-9	-13	-11	-10	74	44	-1	-8	-9	-9	-7	-20	0.8	0.9	1.1	1.0	2.3	2.1	1.6	4.0	3.8	3.1	2.3	2.9	2.8	2.0	0.9
11/13 9:20	-7	-13	-7	-4	-9	-7	-7	120	70	-12	-9	-8	-8	-6	-18	1.1	1.2	1.5	0.9	2.3	2.0	1.4	4.4	4.0	2.5	2.3	2.3	2.2	2.5	1.2
11/13 9:30	-5	-14	-8	-5	-4	-7	-6	161	115	41	2	-9	-8	-5	-18	2.6	1.8	2.2	1.7	2.3	2.1	2.1	4.8	4.4	3.8	3.9	3.1	2.2	2.5	2.0
11/13 9:40	-5	-16	-11	-6	-6	-9	-7	201	129	77	54	-9	-8	-5	-19	3.3	3.3	3.3	2.7	3.0	2.8	2.7	5.2	4.7	4.5	3.8	2.7	2.0	2.5	3.0
11/13 9:50	37	52	56	27	71	74	52	252	164	120	91	-13	-9	-9	39	3.3	3.6	3.8	3.5	4.2	4.0	4.0	5.7	5.0	4.9	4.0	2.8	2.6	3.6	4.4

11/13 11:00	505	485	255	137	127	106	136	461	354	46	149	154	355	381	442	7.1	6.8	5.1	4.0	4.7	4.5	4.6	6.5	5.9	3.0	4.5	4.6	6.1	6.1	6.6
11/13 11:10	486	148	265	129	73	97	131	378	297	71	141	151	322	325	366	6.7	7.7	5.2	4.0	4.0	4.5	4.6	6.2	5.7	3.3	4.2	4.4	5.7	5.9	6.1
11/13 11:20	357	6	204	117	88	138	178	235	218	84	110	35	179	239	217	6.3	8.0	4.8	3.9	4.4	4.8	5.2	5.3	5.3	3.6	4.5	3.6	5.1	5.2	4.8
11/13 11:30	109	4	67	18	101	193	216	135	83	-11	-8	9	35	27	29	4.1	7.9	3.3	2.6	4.9	5.5	5.4	4.6	4.2	2.6	3.0	2.5	3.8	2.8	3.9
11/13 11:40	0	2	26	-1	136	150	174	159	111	4	-2	-5	43	37	63	3.3	7.9	3.0	2.4	5.0	4.8	5.0	4.8	4.3	2.9	3.5	2.3	3.7	2.8	4.4
11/13 11:50	71	0	59	-9	156	172	198	191	108	-12	-10	26	54	1	-2	3.5	7.9	3.4	2.7	5.4	5.1	5.5	5.3	4.5	2.6	2.7	2.7	4.1	2.4	3.3
11/13 12:00	82	-2	58	-4	205	241	265	394	293	-4	-10	68	136	52	16	3.5	7.9	3.5	2.6	5.9	5.9	5.9	6.5	5.8	2.8	3.1	3.3	4.8	3.5	3.5
11/13 12:10	183	-4	164	91	223	317	352	619	411	274	304	51	148	157	150	5.0	7.8	4.8	3.8	5.7	6.1	6.3	7.1	6.3	5.0	5.8	2.9	4.5	4.1	4.7
11/13 12:20	520	-6	303	266	507	887	965	790	493	609	766	330	84	207	477	7.5	7.8	5.6	5.6	6.8	8.7	9.0	7.6	6.4	6.9	7.4	5.1	3.4	4.5	6.5
11/13 12:30	509	-8	628	556	806	1,305	1,655	864	537	688	854	763	693	609	1,169	6.6	7.8	7.0	7.2	7.9	9.6	11.2	7.7	6.8	7.2	7.7	7.8	7.3	6.9	8.8
11/13 12:40	1,063	-11	1,001	1,126	655	1,532	1,929	1,011	810	858	1,141	950	939	1,436	1,883	9.3	7.8	8.6	8.6	6.7	10.4	12.1	8.0	7.4	7.5	8.2	7.8	7.9	9.4	9.9
11/13 12:50	1,371	-13	1,233	1,343	1,035	1,432	1,978	874	1,014	1,163	1,308	781	689	667	1,477	9.6	7.7	9.1	9.3	8.6	9.8	12.4	7.6	7.9	8.4	8.6	7.4	7.0	6.0	9.2
11/13 13:00	1,377	193	1,508	1,475	972	965	1,699	1,139	901	1,128	1,290	897	881	534	1,635	9.6	8.2	10.3	9.8	8.3	8.3	10.9	8.3	7.6	8.3	8.6	8.0	7.8	5.1	9.6
11/13 13:10	1,709	1,767	1,746	1,773	1,007	1,765	2,002	1,325	944	1,080	1,267	1,085	1,047	848	1,770	11.2	10.2	11.3	10.9	8.0	12.2	13.7	8.7	7.6	8.1	8.5	8.5	8.1	7.2	10.2
11/13 13:20	1,891	1,932	1,969	1,912	1,156	1,928	1,999	1,737	1,027	1,116	1,173	1,052	1,091	1,355	1,859	12.3	10.9	12.1	11.6	8.3	13.3	14.4	9.7	8.0	8.2	8.2	8.2	8.1	9.2	10.4
11/13 13:30	1,990	2,005	2,002	2,000	1,985	2,006	1,999	1,633	1,197	1,284	1,460	1,156	1,056	910	1,458	13.2	12.2	13.2	13.7	12.2	15.2	16.2	9.3	8.4	8.5	8.9	8.3	8.0	7.2	9.1
11/13 13:40	1,964	1,993	1,991	1,997	1,803	1,998	1,996	1,068	610	698	817	618	712	865	1,530	13.2	11.5	12.5	12.2	11.4	13.4	14.9	8.0	6.7	7.0	7.4	6.9	7.1	7.7	9.5
11/13 13:50	1,990	1,994	2,009	2,001	1,889	2,000	1,979	1,209	886	847	1,173	954	933	1,039	1,555	12.9	12.3	13.5	12.5	12.6	12.8	13.9	8.5	7.6	7.3	8.4	8.0	7.8	8.1	9.0
11/13 14:00	1,973	1,986	1,999	1,814	1,909	1,926	2,021	1,757	1,310	1,251	1,396	1,425	920	1,042	1,367	12.9	13.3	13.1	11.5	12.4	12.6	12.5	9.6	8.4	8.4	8.8	8.7	7.4	8.0	8.7
11/13 14:10	2,005	1,937	2,001	1,913	2,008	2,016	2,001	1,597	1,193	935	970	1,189	910	1,000	1,453	13.0	12.7	12.7	12.0	12.6	13.5	14.4	9.2	8.5	7.9	8.1	8.8	8.0	8.0	9.4
11/13 14:20	1,982	1,921	1,799	1,742	1,743	1,975	1,999	1,302	871	783	1,205	1,078	1,184	1,287	1,472	13.3	12.8	12.0	11.6	12.0	13.3	14.4	8.8	7.8	7.7	8.9	8.4	8.8	9.3	9.7
11/13 14:30	1,787	1,472	1,710	1,555	1,570	1,812	1,994	1,422	890	817	1,093	1,020	1,032	1,129	1,276	12.7	11.4	12.1	11.3	11.9	12.8	14.8	9.5	8.1	8.0	8.9	8.7	8.6	8.9	9.5
11/13 14:40	1,528	1,493	1,566	1,502	1,377	1,704	1,790	1,567	862	857	884	738	652	816	940	12.1	11.9	11.9	11.4	11.9	13.2	14.1	10.3	8.1	8.1	8.3	8.2	7.6	8.0	8.9
11/13 14:50	1,419	1,392	1,437	1,375	1,029	1,569	1,739	1,466	1,167	1,229	1,000	1,059	813	661	815	12.5	11.5	12.3	12.0	11.4	13.7	14.7	10.2	9.2	9.4	9.3	9.3	8.3	7.5	8.7
11/13 15:00	1,240	1,415	1,433	1,095	850	1,172	1,365	1,401	1,103	1,094	1,055	696	793	874	862	13.1	12.8	13.8	12.1	11.7	12.9	14.1	10.4	9.5	9.5	9.9	8.3	8.6	8.7	9.6
11/13 15:10	1,111	1,181	1,072	812	663	887	1,069	1,508	1,516	1,185	1,039	764	630	987	1,123	13.2	12.8	13.4	11.9	11.8	12.9	14.0	10.9	10.8	9.9	10.2	8.6	8.1	9.2	10.5
11/13 15:20	741	752	580	690	584	647	815	1,897	1,130	1,116	1,167	845	500	512	569	12.2	11.8	11.5	12.1	12.1	12.5	13.5	12.4	9.8	10.0	10.6	9.3	8.5	7.9	8.5
11/13 15:30	730	401	867	1,021	631	948	1,078	1,405	1,623	1,545	1,029	723	625	631	803	12.8	13.8	13.4	13.0	12.2	14.1	14.7	10.4	11.2	11.4	10.5	8.9	8.4	8.7	10.1
11/13 15:40	821	-17	1,247	1,026	820	985	1,271	1,871	1,594	1,595	814	997	931	820	1,013	12.7	14.4	13.3	12.1	12.0	13.2	15.2	12.0	11.2	11.3	9.9	9.8	9.6	10.0	10.6
11/13 15:50	882	28	1,499	1,256	1,088	1,236	1,239	1,663	1,558	1,384	1,088	842	918	1,013	1,371	11.2	13.2	13.8	12.6	12.0	13.2	14.1	11.3	10.9	10.8	10.6	9.1	9.2	10.4	11.5
11/13 16:00	1,024	258	1,383	1,191	1,203	1,367	1,513	1,766	1,607	1,479	1,252	1,185	913	1,070	1,548	11.4	12.9	12.4	11.6	12.4	13.4	14.8	11.3	11.2	10.8	10.8	10.1	9.3	10.3	11.8
11/13 16:10	1,184	-18	1,391	1,297	1,494	1,546	1,451	1,841	1,737	1,681	1,692	1,776	1,509	1,490	1,604	11.9	12.1	12.7	12.2	14.0	14.5	14.2	12.0	11.5	12.0	12.6	11.9	11.0	12.0	12.3
11/13 16:20	1,646	458	1,672	1,512	1,606	189	1,684	1,842	1,933	1,934	1,866	1,570	1,359	1,549	1,584	14.4	15.3	14.6	13.5	14.7	14.0	15.9	12.1	13.1	13.3	13.2	11.3	10.7	12.5	12.4
11/13 16:30	1,501	-17	628	1,440	1,476	1,052	1,643	1,541	1,364	1,596	1,634	1,463	1,396	1,318	1,200	13.8	14.5	14.8	13.6	14.4	14.5	15.3	11.0	10.8	12.0	13.0	11.3	10.8	11.4	11.0
11/13 16:40	1,128	-16	1,344	899	1,076	1,360	1,256	1,273	1,382	1,038	914	985	853	808	665	12.6	11.2	13.1	11.1	12.6	13.6	13.4	10.8	11.3	10.3	10.7	10.2	9.6	9.5	9.0
11/13 16:50	916	-16	1,014	830	854	1,024	940	1,148	925	662	612	807	746	518	600	12.2	10.0	12.7	11.7	12.0	12.7	12.5	10.1	9.8	9.3	9.8	10.1	9.1	8.5	9.7
11/13 17:00	826	-16	893	930	933	763	775	1,176	1,070	692	912	779	644	710	787	12.0	9.8	12.1	12.4	13.2	11.9	12.0	10.4	10.7	9.7	11.0	9.8	9.3	9.9	9.9
11/13 17:10	646	-15	620	671	596	666	735	942	958	950	609	791	835	589	686	11.4	8.8	11.3	11.5	11.8	12.1	12.8	9.6	10.0	10.5	9.8	9.8	9.9	9.7	10.1
11/13 17:20	490	-16	481	486	737	666	125	898	734	975	732	771	672	359	481	10.9	9.1	10.9	10.8	12.7	12.2	11.1	10.0	9.6	10.8	10.5	9.5	9.6	9.4	9.3
11/13 17:30	373	-16	453	401	670	582	587	779	823	823	478	927	496	366	415	10.5	12.2	11.0	10.6	12.9	12.1	12.3	9.6	10.0	10.9	10.1	11.1	8.9	9.9	10.2
11/13 17:40	250	-16	560	472	571	296	421	1,085	1,061	854	901	907	863	315	761	9.9	11.1	12.2	12.1	12.5	12.1	10.7	11.0	11.5	11.0	11.7	11.1	10.7	9.8	11.4
11/13 17:50	591	-15	490	494	581	433	631	1,671	1,392	1,205	1,381	1,283	1,162	912	613	11.7	9.5	11.8	12.1	12.6	11.6	12.3	12.9	12.9	12.8	13.4	12.9	11.6	12.8	10.9
11/13 18:00	769	-15	666	270	828	505	474	1,857	1,437	1,760	1,689	1,547	1,417	1,420	1,133	13.2	9.3	13.1	13.1	13.8	12.6	11.1	14.4	15.2	16.5	16.0	13.6	13.5	14.2	13.3
11/13 18:10	706	-8	852	903	852	616	689	1,872	1,800	1,740	1,903	1,767	1,589	1,550	1,304	12.6	9.6	14.4	14.0	14.5	13.2	12.6	16.7	16.0	17.7	16.2	16.1	13.9	15.2	13.3
11/13 18:20	883	272																												

11/13 19:50	1,253	523	1,352	1,369	574	-23	666	1,986	1,930	1,848	1,675	1,789	1,501	1,603	1,524	17.6	8.4	18.1	17.8	18.4	17.0	17.2	17.6	17.3	18.6	17.9	16.5	14.8	15.8	16.1
11/13 20:00	1,470	779	1,475	1,616	1,646	-22	1,645	1,998	1,948	1,926	1,919	1,803	1,690	1,733	1,688	17.7	8.1	18.2	18.8	19.8	17.6	18.5	17.8	16.8	17.5	19.1	16.3	14.2	15.7	16.2
11/13 20:10	1,304	805	1,397	1,502	1,434	-22	1,625	1,911	1,927	1,918	1,820	1,786	1,785	1,770	1,613	15.7	7.8	16.5	17.1	16.4	16.4	18.3	16.6	16.4	15.4	16.9	15.9	14.7	15.3	15.4
11/13 20:20	1,266	839	1,570	1,508	1,455	-21	1,732	2,013	1,992	1,942	1,914	1,947	1,910	1,797	1,746	15.3	8.3	17.7	17.1	17.5	16.9	19.1	17.6	17.7	17.6	19.3	16.2	16.3	16.1	15.4
11/13 20:30	1,524	824	1,639	679	1,741	-21	1,761	1,996	1,982	1,983	1,996	1,885	1,876	1,899	1,770	17.5	8.2	18.6	19.0	19.5	17.7	18.9	18.0	18.5	18.5	18.2	18.7	16.0	16.4	15.2
11/13 20:40	1,524	880	1,626	-1	1,848	-21	1,628	2,004	2,004	1,998	2,007	1,952	1,981	1,890	1,487	17.5	7.8	18.8	18.3	20.7	18.6	17.0	17.9	19.3	19.1	21.0	18.2	15.5	16.2	13.8
11/13 20:50	1,532	868	1,588	-1	1,717	-21	1,641	2,000	1,948	1,978	1,967	2,006	1,969	1,983	1,798	16.6	8.1	17.0	16.3	18.6	16.7	17.2	20.7	19.0	20.1	20.1	18.0	15.9	17.5	16.4
11/13 21:00	1,476	997	1,576	0	1,607	-21	1,773	1,994	2,005	1,998	1,979	1,937	2,006	1,958	1,780	16.4	7.3	16.8	16.2	17.5	17.0	18.3	20.4	16.4	19.2	19.0	16.2	16.9	17.2	16.0
11/13 21:10	1,541	929	1,683	0	1,662	-23	1,793	2,000	2,000	1,951	1,968	2,003	1,884	1,940	1,852	17.4	7.7	18.2	16.8	18.3	16.4	18.1	17.9	18.8	17.9	18.5	16.7	15.2	16.3	18.0
11/13 21:20	1,676	931	1,784	0	1,797	-20	1,744	1,991	1,992	1,998	2,016	2,005	2,007	2,007	1,930	18.0	8.4	19.2	18.1	20.1	17.3	17.1	19.8	16.8	18.6	18.0	15.0	15.7	17.0	17.3
11/13 21:30	1,629	1,045	1,858	-1	1,772	-8	1,842	2,004	2,009	1,982	2,000	1,980	1,986	1,991	1,935	17.1	8.0	18.9	15.4	18.9	17.7	18.2	17.4	17.7	16.8	17.9	16.5	15.9	17.4	17.7
11/13 21:40	1,712	1,131	1,791	1,501	1,905	-11	1,900	2,000	1,998	2,011	1,992	2,005	2,013	1,994	1,925	17.6	7.8	18.0	18.9	20.5	17.0	18.3	17.2	17.3	16.5	17.4	15.5	16.3	17.0	17.3
11/13 21:50	1,800	963	1,833	1,877	1,899	1,136	1,963	1,997	1,999	2,002	1,997	1,989	1,998	2,000	2,013	18.4	8.6	17.6	19.1	20.1	18.6	18.4	19.3	18.6	19.2	20.0	16.9	17.6	17.4	16.9
11/13 22:00	1,837	1,428	748	1,581	1,898	1,265	1,992	2,000	1,999	1,999	2,003	2,002	2,001	2,001	2,000	17.7	9.1	18.0	18.6	19.5	18.6	18.6	18.9	17.3	18.1	19.1	18.1	18.4	18.0	17.5
11/13 22:10	1,876	1,069	1,794	-1	2,008	1,311	2,019	1,999	1,999	1,995	2,000	2,000	2,000	2,001	1,994	17.0	8.9	18.1	18.9	20.5	17.3	19.3	17.7	17.5	18.9	19.3	16.5	16.5	18.6	15.9
11/13 22:20	1,823	1,003	1,966	-1	1,919	1,489	1,980	1,990	2,000	2,003	2,001	1,998	1,999	2,001	2,007	16.5	8.8	17.8	15.4	18.6	18.7	18.8	17.9	18.4	18.4	18.2	17.4	16.4	17.7	16.5
11/13 22:30	1,902	1,575	1,993	-1	1,905	1,307	1,921	2,000	2,000	1,998	2,000	1,991	1,999	2,000	1,999	17.6	8.5	18.1	16.7	17.6	15.3	16.4	19.1	17.0	19.0	18.4	16.4	16.2	16.8	16.8
11/13 22:40	1,782	1,733	1,967	-1	1,801	1,583	1,993	1,999	1,999	2,000	2,001	2,006	2,000	2,001	1,980	15.5	7.7	17.4	15.5	16.5	18.2	16.9	16.6	15.0	15.1	16.6	15.4	15.0	16.1	13.9
11/13 22:50	1,899	1,600	1,840	-1	1,712	1,362	1,585	2,000	1,999	1,999	2,000	1,937	1,927	1,950	2,008	16.3	8.7	16.0	15.6	15.6	14.8	13.7	16.6	14.4	14.3	14.8	13.6	13.4	14.4	14.6
11/13 23:00	1,432	1,734	1,579	-1	1,575	1,327	1,616	2,000	2,000	1,999	1,999	2,013	2,007	2,016	1,999	13.2	7.2	13.6	13.5	14.4	14.3	15.0	15.8	14.9	15.6	15.0	13.5	13.5	15.0	15.5
11/13 23:10	1,586	1,658	1,966	-1	1,885	1,488	1,805	2,000	2,000	2,001	1,999	2,003	1,988	1,999	1,998	13.8	8.2	16.8	15.8	16.7	15.2	15.5	15.4	14.6	15.6	15.0	14.2	12.8	14.5	15.2
11/13 23:20	1,731	1,822	1,607	-1	1,702	1,313	1,694	2,000	1,999	1,998	2,000	1,997	2,005	2,000	1,997	14.3	7.5	13.4	13.9	15.3	14.4	13.8	14.8	14.7	14.1	15.5	14.1	13.0	14.5	14.4
11/13 23:30	1,492	1,828	1,734	-1	1,889	1,528	1,822	1,999	1,999	1,999	2,000	1,984	2,002	2,001	2,000	12.9	7.5	14.4	16.3	16.5	15.1	14.8	14.1	15.3	16.3	15.0	13.2	13.4	15.3	15.5
11/13 23:40	1,710	1,898	1,843	-1	1,957	1,502	1,861	2,000	1,998	2,000	2,000	2,000	2,000	2,000	1,994	14.8	7.3	14.9	16.2	16.5	15.5	15.2	16.0	15.1	15.7	15.3	14.2	13.4	14.8	14.8
11/13 23:50	1,881	1,925	2,002	-1	1,815	1,635	1,968	2,000	2,000	2,001	2,000	2,005	1,983	1,998	2,003	15.0	8.2	17.5	14.7	15.9	16.8	16.9	16.6	14.5	14.3	15.5	13.8	12.9	14.3	15.1
11/14 0:00	1,886	2,003	1,871	-1	1,994	1,701	1,966	2,000	2,000	2,000	2,000	2,000	2,001	1,999	1,998	15.8	8.4	14.8	16.2	17.3	16.3	16.5	17.1	16.0	15.1	16.5	14.6	13.4	14.0	15.1
11/14 0:10	1,878	2,000	1,968	-1	1,956	1,702	1,962	2,000	2,000	2,000	2,000	2,000	2,000	2,001	1,998	16.1	9.9	16.7	14.2	16.7	16.4	17.1	15.5	15.2	15.2	16.6	15.7	14.5	15.0	15.2
11/14 0:20	2,016	2,000	2,017	-1	1,937	1,877	666	1,999	2,000	2,000	1,999	2,000	1,999	2,000	2,000	16.6	9.2	17.0	14.8	16.3	17.8	16.4	15.7	14.3	15.4	15.2	13.5	12.7	13.6	14.5
11/14 0:30	1,989	1,998	1,950	-1	2,005	1,800	1,944	2,000	2,000	1,999	2,001	1,998	2,001	1,999	1,999	16.0	8.5	16.1	15.3	17.5	15.9	15.3	15.4	14.7	15.3	14.0	13.6	13.5	13.9	14.4
11/14 0:40	1,983	1,998	1,970	-1	2,012	1,846	1,905	2,000	2,000	2,001	2,000	2,000	2,000	2,001	1,996	14.9	8.5	15.9	15.2	16.6	15.7	15.2	14.9	14.7	14.5	15.9	14.3	13.4	13.9	13.7
11/14 0:50	1,999	1,991	2,003	-2	1,966	1,844	1,974	2,000	2,000	1,999	2,000	1,999	1,984	1,977	2,002	15.4	9.0	17.0	15.8	16.8	15.8	16.2	15.0	13.2	13.3	14.3	13.9	12.4	12.9	13.4
11/14 1:00	1,946	2,005	1,928	-2	1,943	1,799	1,947	1,999	2,001	1,999	2,000	1,972	1,989	2,018	1,999	14.2	9.2	15.0	13.9	16.0	15.5	15.9	12.7	11.8	12.8	13.0	11.7	11.7	12.6	13.8
11/14 1:10	685	955	729	-2	747	739	659	677	658	675	802	1,027	795	863	657	12.4	9.5	14.0	13.7	15.0	14.3	14.9	12.3	12.7	11.9	12.6	12.0	11.6	12.9	12.5
11/14 1:20	-5	-3	-4	-2	-8	-3	-7	-5	-2	-5	-3	-3	-4	-2	-7	12.2	8.7	13.9	13.1	13.9	13.9	13.9	12.6	11.3	12.3	13.0	12.7	11.9	12.3	11.8
11/14 1:30	250	356	184	-2	304	283	233	301	194	312	343	334	332	357	305	11.7	8.7	13.4	14.2	14.7	13.1	12.5	11.7	11.4	12.6	12.1	11.6	11.6	12.3	11.5
11/14 1:40	1,819	1,983	1,933	-2	1,934	1,588	1,760	2,018	2,006	2,013	2,005	2,013	2,010	1,965	2,010	12.9	8.8	13.8	13.7	14.6	12.9	13.2	11.6	11.8	12.6	11.9	11.9	11.6	11.6	12.3
11/14 1:50	1,860	1,861	1,774	-2	1,722	1,396	1,694	1,999	1,983	2,000	1,998	1,996	1,972	1,998	1,979	13.1	8.2	12.5	13.0	13.6	12.1	12.8	11.5	11.0	12.0	12.3	11.6	11.2	11.5	11.6
11/14 2:00	1,671	1,873	1,694	-2	1,806	1,484	1,581	1,999	2,017	2,000	1,994	1,995	1,958	1,925	1,965	12.6	8.5	12.1	12.1	13.3	12.7	12.7	12.5	11.9	12.2	12.1	11.1	10.9	11.6	11.3
11/14 2:10	1,688	1,803	1,585	-2	1,753	1,513	1,600	2,000	2,000	1,999	2,002	2,013	1,945	1,943	1,974	12.7	11.0	11.9	12.5	12.5	13.0	12.2	13.0	11.8	12.1	13.1	11.9	10.9	11.3	11.3
11/14 2:20	1,644	1,557	1,901	-2	1,726	1,649	1,719	2,000	1,999	1,999	2,000	2,000	2,001	1,999	1,999	12.4	11.2	13.2	13.3	12.7	12.9	12.6	13.2	13.0	14.1	13.4	12.9	11.8	12.8	12.3
11/14 2:30	1,928	1,724	1,958	-2	2,010	1,620	1,689	2,000	2,000	2,000	1,999	1,998	1,999	2,000	1,999	13.5	12.5	13.7	13.7	14.8	12.7	12.4	13.8	13.1	13.8	13.6	12.4	12.1	12.6	12.2
11/14 2:40	2,014	1,998	1,998	-2	1,983	1,977	2,000	2,000	2,000	2,000	2,000	2,001	2,001	2,000	2,001	14.1	1													

11/14 4:40	2,000	2,000	1,999	-2	2,000	1,998	2,005	2,000	2,000	2,000	2,000	2,000	1,999	2,000	2,000	15.4	15.0	15.8	16.1	16.8	15.5	15.9	14.7	15.0	15.6	15.2	14.4	13.1	13.1	12.7
11/14 4:50	2,001	2,001	2,000	-2	1,999	2,001	1,999	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	15.7	14.5	16.6	15.2	15.7	16.1	16.5	14.4	14.0	14.2	14.0	13.4	12.8	13.2	13.2
11/14 5:00	1,999	1,999	2,001	-2	2,000	1,999	1,999	2,000	1,999	2,000	1,999	2,000	2,001	1,999	1,999	16.2	15.2	15.9	15.9	16.5	16.9	16.9	14.7	14.1	13.6	14.5	13.0	12.9	12.5	13.3
11/14 5:10	1,998	2,000	2,000	-2	2,000	1,999	1,999	2,000	2,000	2,000	2,000	1,999	2,001	2,000	2,000	16.4	15.7	17.5	16.4	16.6	16.7	15.9	14.2	14.6	13.4	14.4	14.3	12.9	14.0	13.8
11/14 5:20	2,000	2,000	1,999	-2	1,999	2,000	2,000	1,999	2,000	1,999	2,000	1,999	2,000	2,001	1,999	15.4	15.7	16.3	15.9	16.5	16.0	16.0	14.4	13.4	13.4	14.5	13.2	12.6	13.3	13.2
11/14 5:30	1,987	1,998	2,001	-2	1,997	1,989	1,997	2,001	1,999	2,000	2,000	1,999	2,000	2,001	1,964	14.7	14.7	15.1	15.5	15.0	15.0	14.9	15.3	13.3	13.7	13.6	12.6	14.1	14.5	12.6
11/14 5:40	2,000	1,999	2,000	-2	2,004	1,971	2,000	1,999	1,999	2,000	1,999	2,000	1,999	2,000	2,012	14.5	14.2	15.1	15.6	15.4	14.8	15.0	13.4	12.4	13.0	13.5	12.7	12.7	13.6	12.1
11/14 5:50	1,953	1,998	1,996	-1	1,980	1,982	1,998	1,999	2,001	2,000	2,000	1,997	1,998	2,000	1,998	13.0	13.5	14.9	14.8	14.9	14.7	15.0	13.1	12.9	12.9	13.6	13.2	13.1	13.1	13.0
11/14 6:00	1,966	1,992	2,002	-1	1,983	1,904	1,949	2,000	2,000	2,000	2,000	1,999	2,001	1,984	2,000	14.8	12.8	15.4	13.8	14.6	14.4	13.5	14.3	12.4	15.2	14.5	12.3	13.1	13.0	13.6
11/14 6:10	1,962	2,005	2,000	-1	1,902	1,860	1,895	2,000	1,999	2,000	1,999	1,999	1,998	2,000	2,000	15.0	13.3	15.4	13.6	15.4	13.7	14.1	13.7	13.0	13.6	13.9	14.0	12.4	13.4	13.3
11/14 6:20	2,002	2,000	2,000	-1	1,988	1,842	1,914	2,000	2,000	2,000	1,998	1,999	1,998	2,001	2,000	17.3	16.5	15.9	16.1	16.4	14.8	14.8	14.9	14.8	14.5	13.2	12.4	12.4	13.2	13.4
11/14 6:30	2,002	1,999	1,999	-1	1,997	1,981	2,005	2,001	2,000	2,000	1,999	2,000	2,001	2,001	2,000	17.2	16.8	16.4	15.1	16.6	15.8	14.7	15.2	14.8	16.6	15.3	13.7	13.2	13.9	14.7
11/14 6:40	1,998	2,000	1,999	-1	1,999	1,999	1,982	1,998	2,000	1,999	2,001	1,999	1,998	2,000	2,000	17.4	17.7	17.1	16.4	17.9	16.7	15.2	16.5	15.7	16.0	17.6	15.0	13.5	14.4	16.1
11/14 6:50	2,000	2,000	2,000	-1	1,999	2,012	2,015	1,999	2,000	2,000	2,000	2,000	2,000	2,000	1,999	19.4	18.1	18.2	18.7	19.3	17.9	17.3	17.9	14.2	17.0	17.5	15.5	14.2	15.3	15.7
11/14 7:00	1,998	2,000	2,000	0	2,000	1,998	1,999	2,000	1,999	1,992	2,000	1,999	2,000	2,000	1,999	17.5	19.8	19.8	18.7	19.9	19.1	20.1	18.4	18.0	17.5	17.4	15.6	15.9	17.4	18.1
11/14 7:10	2,000	1,990	1,995	0	1,983	2,000	2,000	1,999	2,000	1,995	1,999	1,991	2,001	2,000	2,000	19.2	21.9	22.6	21.0	22.3	21.0	21.6	19.0	19.0	19.3	19.9	18.2	15.4	17.2	17.3
11/14 7:20	1,999	1,996	1,987	0	1,949	1,995	2,001	2,002	2,001	1,996	1,986	2,000	1,997	1,999	1,977	21.4	22.6	23.8	19.5	23.3	22.2	20.6	17.4	18.8	19.2	18.6	18.5	17.4	18.9	19.1
11/14 7:30	2,000	2,000	2,000	-14	2,000	2,000	1,996	1,993	1,999	1,994	1,941	1,997	1,974	2,001	1,996	21.6	21.1	19.9	20.3	20.8	20.4	21.7	16.8	18.2	21.0	21.5	19.0	19.9	20.5	19.5
11/14 7:40	1,991	1,999	1,957	-2	2,000	2,001	2,000	1,959	2,000	1,977	819	763	1,991	2,001	1,975	22.0	22.0	23.3	19.3	22.1	19.2	19.1	20.6	19.7	21.5	23.9	22.3	20.7	21.3	19.9
11/14 7:50	2,000	2,000	1,990	-3	1,978	1,992	2,000	1,983	1,977	1,920	697	1,872	2,001	2,000	1,999	21.7	20.7	22.2	21.9	23.9	22.0	20.7	21.3	19.6	19.0	19.8	16.8	17.4	19.8	17.7
11/14 8:00	1,999	2,000	1,980	-3	1,974	1,996	2,000	1,980	1,999	2,003	2,001	1,999	2,000	1,999	1,973	18.0	20.3	22.9	23.1	24.1	22.3	21.6	20.7	16.4	17.5	19.0	18.2	18.8	19.8	19.7
11/14 8:10	2,001	2,000	1,991	-3	1,970	1,995	1,995	1,937	1,998	2,000	1,964	1,981	656	1,999	2,000	20.7	20.6	21.8	21.7	23.1	22.3	22.1	20.1	18.0	18.0	20.8	21.2	19.4	19.4	17.0
11/14 8:20	2,000	2,000	2,000	-2	1,999	2,001	2,000	2,000	1,999	1,954	2,001	2,000	2,009	2,000	2,000	20.3	20.3	21.4	21.6	21.6	22.2	20.8	20.5	19.1	20.7	19.3	16.8	15.3	16.3	16.6
11/14 8:30	1,971	2,000	2,000	-1	1,999	1,990	1,976	1,997	2,000	1,926	1,963	1,967	1,998	2,001	1,997	23.7	19.6	19.5	21.8	22.4	21.8	23.0	19.4	18.2	20.2	19.5	20.0	17.4	20.8	19.8
11/14 8:40	1,999	1,998	2,000	-1	1,959	1,997	1,961	1,946	1,999	2,000	2,000	1,099	1,993	2,000	1,909	22.4	22.6	19.8	22.7	23.9	21.7	22.1	20.7	17.8	17.8	19.4	19.2	19.4	20.4	22.4
11/14 8:50	2,000	2,000	2,001	-8	1,983	1,992	2,001	1,873	1,955	1,894	1,999	1,523	2,000	2,001	1,951	19.5	18.3	21.0	20.6	23.6	22.4	22.0	21.0	20.3	21.9	20.9	18.1	18.4	20.7	20.9
11/14 9:00	2,001	2,000	2,000	-5	1,979	1,999	1,998	1,914	1,936	1,886	1,995	2,001	2,001	2,000	2,002	17.7	19.5	21.0	20.8	21.5	21.6	22.6	21.3	20.8	22.5	20.5	16.9	16.8	18.0	19.2
11/14 9:10	1,999	2,000	1,998	-4	2,000	2,000	1,999	1,890	1,974	1,921	1,900	1,999	1,999	2,001	2,000	17.9	20.2	22.8	21.8	21.2	21.5	20.2	22.1	21.3	21.6	21.5	19.9	19.5	21.1	20.6
11/14 9:20	2,000	2,000	2,000	-4	2,000	1,964	1,960	1,998	1,990	2,000	1,832	2,000	2,001	2,000	1,988	17.5	18.1	19.2	22.1	22.7	23.2	23.3	20.2	20.6	21.0	21.9	18.7	18.4	20.4	20.0
11/14 9:30	1,999	2,001	2,000	-5	1,984	2,000	2,000	1,941	2,001	2,000	1,939	2,000	1,999	2,000	1,995	21.1	20.2	21.3	21.9	22.7	21.2	20.3	21.1	18.6	18.9	19.7	18.1	16.8	16.9	18.9
11/14 9:40	2,000	1,999	1,988	-8	2,000	2,000	1,996	2,000	1,986	2,000	1,997	1,999	2,000	2,002	1,994	21.3	22.3	23.2	21.4	21.9	22.2	22.2	18.6	16.8	17.6	19.4	18.3	18.8	19.5	20.4
11/14 9:50	2,000	1,998	2,001	436	2,000	2,000	2,000	1,975	2,001	1,968	1,993	2,002	2,000	2,000	1,998	20.4	21.7	20.5	19.6	19.0	18.0	20.5	21.8	18.6	18.7	19.6	17.3	16.4	18.8	19.9
11/14 10:00	1,999	2,000	2,000	-10	1,999	1,989	2,000	1,069	2,009	1,999	2,000	1,997	2,000	2,001	1,999	19.4	18.4	17.4	18.2	18.2	17.9	20.2	19.3	16.3	15.3	19.6	17.8	16.2	16.0	17.8
11/14 10:10	2,000	1,998	1,941	-9	1,923	1,991	2,000	1,757	1,999	2,000	1,991	2,000	2,001	1,999	2,000	18.1	21.5	23.5	22.6	23.9	22.3	22.2	17.3	15.9	15.8	16.9	17.6	16.7	17.8	16.8
11/14 10:20	2,000	1,980	1,951	-11	536	1,997	2,000	2,000	2,000	2,000	1,997	1,709	1,999	2,002	2,000	22.0	23.1	24.3	22.6	23.4	21.1	20.2	17.8	17.0	17.6	18.6	18.2	17.8	18.4	17.8
11/14 10:30	2,000	2,001	1,997	225	2,000	2,000	2,000	1,985	2,000	1,993	1,990	275	2,000	2,000	2,000	19.8	21.0	21.9	21.9	22.6	20.6	20.8	17.1	17.4	18.6	19.4	18.9	18.9	18.6	16.8
11/14 10:40	2,000	2,000	1,999	-8	2,000	2,001	1,999	2,011	1,999	2,006	1,999	-12	2,001	2,001	2,000	19.1	18.2	20.3	20.8	20.2	20.3	21.3	19.4	15.0	15.5	16.1	14.9	15.3	16.8	15.7
11/14 10:50	1,997	2,000	1,998	94	2,000	1,999	1,988	1,930	1,996	1,982	2,000	1,782	1,996	2,001	1,989	18.2	17.0	19.1	19.9	20.4	20.4	21.2	20.6	17.6	19.7	18.1	15.8	14.4	15.8	16.5
11/14 11:00	2,003	2,000	2,002	154	2,000	2,000	2,007	1,980	2,003	1,996	2,000	2,000	2,003	2,001	1,990	20.3	19.9	21.3	19.5	19.7	20.1	18.8	18.9	16.0	16.1	14.4	14.0	14.5	16.5	16.9
11/14 11:10	2,000	2,000	2,000	202	1,996	2,001	2,000	1,995	1,999	2,000	1,998	2,001	1,997	1,997	1,999	18.7	19.1	21.3	21.9	22.3	20.3	21.2	18.9	16.5	18.5	19.2	17.4	16.0	15.9	17.0
11/14 11:20	2,000	1,997	1,999	186	2,000	1,999	1,999	1,997	1,999	1,998	1,985	1,968	1,385	2,003	1,996	19.0	20.8	21.7	20.1	21.0	20.8	21.0	18.1	19.0	19.8	19.5	18.5	17.7	17.6	18.1
11/																														

11/14 13:30	1,998	2,000	1,999	-4	2,000	1,996	1,999	1,999	2,000	-15	2,000	1,728	1,345	2,001	2,000	17.9	19.0	18.4	14.7	17.0	15.5	16.1	18.2	18.3	17.9	17.7	16.9	15.8	17.9	18.0
11/14 13:40	2,000	2,000	2,000	-5	2,000	1,976	2,001	2,000	1,998	-15	2,000	2,004	2,000	679	2,000	17.2	17.2	17.9	15.1	17.8	16.1	17.0	17.9	17.9	17.9	18.0	17.0	16.1	16.9	16.5
11/14 13:50	2,000	1,997	2,000	-5	1,995	1,984	2,000	2,000	1,984	-15	1,988	1,999	1,999	2,009	1,999	20.5	17.0	18.4	15.5	18.3	17.9	20.7	17.7	18.7	18.8	19.8	19.8	18.4	17.7	16.0
11/14 14:00	2,000	2,004	2,000	-5	2,006	2,006	1,993	2,000	1,999	-15	2,000	1,999	1,997	2,000	2,000	15.3	16.0	19.9	15.9	20.7	20.1	19.2	20.4	20.3	20.0	19.1	17.7	15.1	16.8	16.1
11/14 14:10	1,996	2,000	1,997	-5	1,999	2,000	2,002	1,994	1,991	-15	1,764	2,000	2,002	2,001	1,992	19.0	18.1	18.6	16.2	18.1	18.0	17.8	18.7	18.1	20.1	18.0	17.2	16.9	17.3	17.1
11/14 14:20	2,002	2,000	2,003	-5	2,000	1,997	1,995	2,006	2,009	-15	911	2,000	2,000	1,999	2,008	17.2	18.1	18.9	16.6	20.2	19.4	16.9	19.6	19.5	19.4	19.5	16.1	15.2	16.4	15.7
11/14 14:30	1,992	1,999	2,000	-5	2,000	1,999	1,988	2,000	1,999	-15	1,990	1,998	1,999	2,001	2,001	17.1	19.2	20.1	17.0	19.6	17.9	17.8	18.0	17.3	21.1	20.7	18.6	17.7	16.4	16.7
11/14 14:40	2,005	1,999	2,000	-6	2,000	1,797	1,941	1,998	2,001	-15	2,000	2,000	2,000	2,000	2,000	17.0	16.5	18.0	17.3	15.8	13.0	14.3	17.6	18.5	18.0	18.7	15.5	14.4	16.9	17.0
11/14 14:50	1,933	1,916	1,990	-6	1,975	1,878	1,789	2,000	1,999	-15	2,000	2,000	2,000	2,001	2,000	14.2	12.8	14.7	17.7	16.8	15.3	15.5	16.7	15.4	15.3	15.7	16.7	16.6	17.9	17.8
11/14 15:00	2,013	2,018	713	1,038	1,989	2,002	2,001	2,000	2,000	-15	2,000	1,998	1,258	2,000	2,000	16.1	16.6	17.0	17.2	17.7	17.1	17.6	16.9	12.9	13.5	15.3	15.5	15.1	15.1	16.6
11/14 15:10	2,000	2,000	-26	1,998	2,000	2,001	1,999	2,001	2,000	-15	2,000	2,001	104	2,001	2,000	18.3	17.2	19.0	17.6	17.9	17.2	16.7	15.8	13.8	14.4	14.4	13.4	16.0	15.6	16.2
11/14 15:20	1,973	2,000	1,677	1,999	2,000	1,999	1,972	1,971	1,970	-15	2,000	2,000	766	2,000	1,970	17.9	17.4	16.9	17.9	18.0	17.2	17.9	14.3	14.7	16.8	17.0	14.1	14.9	15.1	16.7
11/14 15:30	2,008	1,999	2,008	1,997	2,001	1,995	2,004	2,004	2,004	-15	1,999	2,000	663	2,000	2,004	17.2	16.7	16.3	15.7	16.2	15.8	16.6	14.5	16.1	17.5	15.4	14.6	14.1	15.8	16.7
11/14 15:40	1,994	1,999	1,997	1,997	1,999	1,994	1,992	2,000	2,000	-15	2,001	1,999	2,012	2,000	1,995	15.9	17.1	17.1	16.0	16.2	15.4	15.5	17.7	16.2	18.0	17.1	15.1	14.2	14.1	14.9
11/14 15:50	1,986	1,868	1,954	1,863	1,942	1,983	1,688	2,000	2,000	-15	2,000	1,998	1,999	1,999	2,000	14.0	12.8	12.6	12.9	13.8	13.9	12.9	16.8	15.5	22.2	14.5	14.6	12.8	13.9	13.8
11/14 16:00	2,016	1,993	2,008	1,922	2,009	1,994	1,911	2,000	1,999	-15	2,000	2,001	1,999	2,000	2,000	14.6	15.6	15.1	14.2	15.5	14.1	13.0	16.7	14.5	21.1	15.0	14.6	13.4	14.6	15.2
11/14 16:10	2,001	1,999	1,999	1,964	1,979	1,940	1,836	2,000	2,000	-15	2,000	1,998	2,000	1,999	2,000	16.9	16.9	15.6	14.8	15.7	14.7	14.3	16.8	16.5	20.1	17.3	13.8	14.5	14.8	13.8
11/14 16:20	1,902	2,000	2,000	1,996	2,002	1,995	1,918	2,000	1,999	-16	2,000	2,002	2,000	2,002	2,000	14.9	16.1	18.0	16.4	16.6	15.7	14.4	15.0	16.6	19.0	16.6	14.6	13.5	15.0	16.4
11/14 16:30	1,790	1,845	1,995	1,893	1,835	1,795	1,708	2,000	2,000	-16	2,000	1,353	1,997	2,001	1,993	12.5	12.2	14.8	13.8	14.0	12.9	11.5	14.6	13.3	17.9	15.7	12.8	13.2	14.4	12.4
11/14 16:40	1,354	1,118	1,182	1,369	1,146	1,317	1,516	2,000	2,001	-16	1,991	1,047	1,564	1,805	2,005	9.8	8.9	9.0	10.2	9.4	10.0	10.2	13.8	14.2	16.9	11.7	10.8	9.9	11.1	12.5
11/14 16:50	1,524	1,373	1,883	1,923	1,791	1,755	1,814	1,994	1,999	-16	1,994	1,982	1,915	1,967	1,999	10.6	10.4	11.9	12.2	11.9	11.8	12.2	11.9	12.0	15.8	11.5	11.7	11.4	12.4	12.4
11/14 17:00	1,687	1,548	1,764	1,840	1,923	1,794	1,582	1,995	2,001	-16	2,000	1,999	1,916	1,878	1,993	10.8	10.6	11.5	12.0	11.9	11.4	10.9	12.8	13.9	14.8	13.1	12.7	11.1	12.2	11.3
11/14 17:10	1,001	1,356	1,436	909	820	845	1,108	1,596	1,721	-16	1,963	1,378	1,161	1,322	1,651	8.1	9.4	9.6	7.9	7.3	7.3	8.3	10.4	9.7	13.7	11.5	8.9	8.2	8.5	9.6
11/14 17:20	437	422	809	533	602	390	146	709	872	-16	1,434	1,100	577	407	695	6.2	6.7	7.4	6.8	6.8	5.7	5.3	6.5	7.7	12.6	9.2	7.9	5.8	5.1	6.5
11/14 17:30	863	801	622	795	810	643	809	893	1,536	-16	1,271	858	725	566	1,087	8.2	7.8	7.3	7.6	7.6	7.5	7.9	7.1	9.3	11.6	8.8	7.1	6.5	6.3	8.0
11/14 17:40	1,289	1,374	1,856	1,448	1,289	1,125	1,303	952	1,134	-16	1,484	1,659	1,390	1,193	1,480	9.3	9.5	11.2	10.2	9.5	9.2	9.9	7.7	8.1	10.5	9.0	9.6	9.0	7.9	9.1
11/14 17:50	1,094	1,384	1,108	1,148	1,199	1,100	1,265	391	266	-16	558	388	675	721	991	9.0	9.7	8.6	9.0	9.2	8.6	9.1	5.7	5.2	9.5	7.0	5.5	6.5	6.5	7.7
11/14 18:00	1,617	1,608	1,645	1,470	1,537	908	982	561	664	-16	599	682	784	734	1,314	11.3	10.5	10.5	10.0	10.2	7.8	8.3	6.2	6.6	8.4	6.6	7.0	7.2	7.0	8.6
11/14 18:10	1,881	1,946	1,869	1,886	1,753	1,661	1,894	1,151	617	-16	615	903	1,165	1,366	1,674	12.0	12.2	11.6	12.2	10.9	11.1	12.7	7.9	6.7	7.3	7.1	7.5	8.1	8.2	9.8
11/14 18:20	1,897	1,922	1,913	2,009	1,915	1,940	1,947	1,244	1,212	1,024	1,400	1,188	1,234	1,014	1,840	12.1	12.4	11.4	12.3	11.4	12.2	12.5	8.1	8.0	8.6	9.0	8.5	8.3	7.1	10.1
11/14 18:30	1,556	1,481	1,760	1,671	1,562	804	845	823	1,432	1,381	1,619	1,157	1,037	701	1,657	10.0	9.9	10.6	10.5	10.2	7.1	7.1	6.9	8.5	8.3	9.3	7.9	7.2	6.0	9.1
11/14 18:40	923	1,076	1,305	1,378	1,462	645	441	1,197	842	911	893	270	169	337	527	8.2	8.1	9.0	9.3	9.9	6.3	5.6	8.3	7.1	7.5	7.4	5.2	4.5	5.1	5.8
11/14 18:50	703	747	821	803	695	172	58	1,624	1,287	1,120	1,288	807	439	366	798	7.3	7.8	7.9	7.6	7.2	4.6	3.8	9.5	8.5	8.0	8.5	7.3	5.3	5.2	6.9
11/14 19:00	1,047	854	691	629	514	187	176	1,884	1,448	1,193	1,179	591	279	292	624	8.6	7.9	7.2	6.8	6.2	4.3	4.3	9.8	8.8	8.0	8.2	6.9	5.0	4.5	6.5
11/14 19:10	1,025	761	1,066	1,486	1,303	281	119	1,914	1,322	1,395	1,626	983	480	573	1,003	9.2	7.5	8.2	10.0	9.7	5.2	4.0	10.4	8.4	8.8	9.4	7.7	5.8	6.1	7.3
11/14 19:20	1,047	725	799	1,048	949	277	189	2,004	1,393	1,646	1,586	1,042	567	306	1,238	8.5	7.4	7.4	8.6	8.1	4.8	4.2	10.3	8.4	9.1	9.0	8.3	6.4	5.0	8.7
11/14 19:30	382	731	1,138	877	861	207	197	1,075	1,098	1,265	1,205	710	582	363	1,100	5.9	7.7	8.4	7.8	7.7	4.8	4.5	7.8	7.9	8.2	8.2	6.8	6.1	4.7	7.6
11/14 19:40	412	465	534	1,002	881	314	259	895	553	518	603	355	188	196	387	6.3	6.2	6.4	8.3	7.9	5.1	4.8	7.3	6.3	6.2	6.5	6.0	4.7	3.9	5.7
11/14 19:50	307	253	337	552	358	129	160	1,392	669	688	839	583	271	101	519	5.5	5.1	5.2	6.7	5.8	3.8	4.2	8.5	6.7	6.8	7.2	7.0	4.8	3.2	6.0
11/14 20:00	82	0	3	124	44	9	52	1,302	740	745	638	133	4	23	111	3.9	2.8	2.7	4.4	3.3	3.2	3.4	8.6	6.8	6.7	6.7	4.4	2.8	2.8	4.1
11/14 20:10	161	157	241	194	166	219	277	641	511	399	331	148	168	155	213	4.3	4.5	5.1	4.9	4.5	4.9	5.5	6.6	6.3	5.9	5.7	4.8	4.5	3.8	5.0
11/14 20:20	575	670	712	613	640	129	180	908	763	699	918	601	433	307	954	6.8	7.1	7.2	7.3	7.2	4.2	4.4	7.4	7.1	6.8	7.5	6.7	5.7	4.6	7.3
11/14 20:30	778	579	465	692	595	148	146	1,036	596	769	849	483	226	111	436	7.1	6.6	6.2	7.3	7.3	3.9	4.2	7.7	6.5	7.0	7.4	6.4	4.8	3.3	5.7
11/14																														

11/14 22:20	46	16	39	16	59	84	188	314	230	173	137	54	34	43	47	3.3	2.7	3.3	3.0	3.4	3.9	5.1	5.3	4.7	4.3	4.2	3.6	3.2	3.1	3.2
11/14 22:30	252	145	181	153	139	306	497	0	14	-9	-10	-21	-23	-7	-8	5.2	4.5	4.5	4.7	3.9	5.7	6.9	2.4	2.9	2.4	2.6	2.1	2.1	2.5	2.8
11/14 22:40	148	94	94	114	0	66	132	-11	-14	-17	-16	-24	-20	-3	51	4.5	4.0	3.7	4.3	2.2	3.8	4.6	2.1	2.2	2.4	2.8	2.2	2.2	2.7	3.7
11/14 22:50	70	29	50	24	-18	28	56	129	91	134	123	72	107	126	231	3.7	3.2	3.1	2.9	2.0	3.3	3.6	4.4	4.0	4.4	4.5	3.8	4.3	3.9	5.2
11/14 23:00	73	59	93	57	72	171	277	200	157	214	247	197	176	158	289	3.6	3.8	4.0	3.5	3.7	4.8	5.7	4.9	4.7	5.1	5.2	5.1	4.8	3.9	5.4
11/14 23:10	205	147	176	167	204	427	593	111	144	120	153	83	56	101	127	5.2	4.6	4.8	4.9	5.0	6.4	7.3	4.1	4.5	4.1	4.4	4.0	3.7	3.8	4.4
11/14 23:20	335	196	244	226	194	299	490	126	50	68	96	75	73	131	239	5.3	5.2	4.9	5.0	4.4	5.8	6.9	4.2	3.5	3.9	4.1	4.0	3.9	4.0	5.2
11/14 23:30	189	156	154	120	170	360	537	304	225	252	287	234	210	106	312	5.0	5.0	4.6	4.2	4.6	6.2	7.2	5.5	5.0	5.2	5.4	5.2	5.1	3.1	5.5
11/14 23:40	234	207	208	195	140	350	481	119	59	67	64	57	72	110	150	4.9	5.0	4.9	5.2	4.0	6.0	6.8	4.2	3.6	3.8	4.0	3.9	4.2	3.8	4.7
11/14 23:50	74	46	53	53	27	138	185	104	53	95	119	95	88	95	161	3.6	3.6	3.5	3.8	2.7	4.8	5.3	4.2	3.7	4.3	4.6	4.4	4.3	3.8	4.9
11/15 0:00	131	100	105	100	97	208	301	95	83	96	118	73	57	81	82	4.4	4.4	4.2	4.4	4.0	5.4	6.1	4.3	4.1	4.4	4.5	4.2	4.0	3.9	4.1
11/15 0:10	131	89	98	94	117	117	145	93	80	90	126	93	74	82	133	4.2	4.3	4.2	4.1	4.5	4.2	4.3	4.2	4.2	4.4	4.6	4.5	4.3	3.6	4.7
11/15 0:20	148	126	109	87	122	102	137	113	111	121	148	113	102	-13	145	4.2	4.8	4.5	4.0	4.4	4.1	4.2	4.4	4.4	4.6	4.7	4.7	4.5	1.5	4.9
11/15 0:30	76	112	104	72	124	2	1	54	54	47	78	43	11	-15	42	3.5	4.4	4.2	4.0	4.7	2.6	2.6	3.7	3.8	3.7	4.2	3.9	3.1	2.4	3.4
11/15 0:40	43	39	34	27	34	44	53	29	8	6	35	15	-2	6	47	3.0	3.4	3.3	3.2	3.0	3.4	3.4	3.2	3.0	3.1	3.6	3.4	3.1	2.6	3.6
11/15 0:50	49	42	53	67	100	74	55	-11	-20	-10	22	-4	-26	-22	-22	3.1	3.3	3.2	3.6	3.9	3.7	3.3	2.6	2.8	2.8	3.4	2.9	2.1	2.2	1.8
11/15 1:00	-14	-22	-26	-21	-19	-18	-10	-13	-15	-22	-25	-27	-26	-16	-18	1.5	1.8	1.8	1.6	2.0	2.3	2.3	1.5	1.7	1.7	1.6	1.3	1.1	1.4	1.6
11/15 1:10	-12	-19	-26	-20	-23	-25	-22	-10	-12	-19	-24	-24	-23	-16	-18	1.3	1.2	1.3	1.2	1.7	1.7	1.4	1.5	1.1	1.1	1.2	1.4	1.4	1.4	1.9
11/15 1:20	-10	-18	-23	-18	-19	-24	-20	-9	-12	-17	-22	-21	-22	-16	-18	1.2	1.2	1.3	1.2	1.2	1.1	1.2	1.7	1.6	1.6	1.6	1.6	1.4	1.3	1.5
11/15 1:30	-7	-19	-23	-18	-19	-22	-18	-8	-12	-17	-22	-21	-23	-16	-18	1.1	1.3	1.2	0.9	1.3	1.3	1.2	1.5	1.4	1.4	1.4	1.3	1.3	1.0	1.3
11/15 1:40	-6	-19	-23	-18	-17	-23	-18	-8	-12	-18	-22	-20	-23	-17	-18	0.7	0.6	0.5	0.4	0.9	1.0	1.0	1.1	1.3	1.3	1.3	1.3	1.2	1.0	1.0
11/15 1:50	-7	-19	-22	-17	-18	-23	-19	-7	-13	-18	-22	-19	-23	-17	-19	0.2	0.6	0.6	0.5	0.6	0.5	0.6	0.9	0.7	0.8	0.5	0.6	0.4	0.3	0.2
11/15 2:00	-7	-17	-22	-17	-18	-22	-18	-7	-13	-18	-23	-19	-23	-17	-16	0.4	0.6	0.7	0.7	0.6	0.6	0.7	0.7	0.8	0.7	0.8	0.5	0.6	0.5	0.5
11/15 2:10	-5	-16	-22	-17	-17	-22	-17	-6	-13	-18	-23	-20	-22	-17	-17	1.1	1.1	1.1	0.9	0.8	0.8	0.9	1.3	1.1	1.1	1.2	0.9	1.2	1.1	1.3
11/15 2:20	-6	-14	-23	-18	-18	-23	-17	-6	-13	-19	-22	-20	-23	-18	-18	2.3	2.2	2.2	2.0	2.2	2.1	1.9	1.6	1.9	1.9	1.9	2.0	2.1	2.0	2.0
11/15 2:30	-7	-15	-23	-20	-21	-24	-19	-8	-14	-19	-21	-21	-24	-18	-17	2.9	2.5	2.6	3.0	3.1	3.1	3.2	2.6	2.8	2.8	3.0	2.8	2.9	2.8	2.9
11/15 2:40	-8	-5	-22	-4	8	-17	-17	17	56	36	49	25	11	18	-11	3.5	2.9	2.3	2.9	3.0	2.6	2.3	3.5	4.3	4.0	4.3	3.9	3.7	3.3	3.1
11/15 2:50	-5	-2	-23	-21	-16	-27	-23	-10	-1	-8	-13	-19	-20	-20	-23	1.3	1.0	1.1	1.3	1.8	1.6	1.6	1.3	2.4	2.1	2.1	1.9	2.0	1.8	1.6
11/15 3:00	-6	-2	-22	-16	-17	-24	-19	-6	-12	-19	-25	-23	-24	-20	-20	1.4	1.6	1.5	1.3	1.1	1.1	1.5	0.7	0.5	0.6	0.8	1.0	0.7	0.9	0.9
11/15 3:10	-5	-2	-23	-14	-15	-22	-15	-7	-9	-15	-20	-21	-20	-18	-18	2.3	2.7	2.0	2.0	2.1	1.9	2.1	1.0	0.9	1.0	0.9	0.8	0.7	0.9	1.1
11/15 3:20	-6	-2	-20	-14	-14	-22	-15	-7	-9	-14	-20	-20	-19	-17	-16	1.7	2.0	2.0	2.0	1.9	1.5	1.4	1.7	1.3	1.6	2.1	1.9	1.7	2.0	2.6
11/15 3:30	-6	-2	-20	-15	-15	-23	-16	-8	-9	-14	-19	-19	-20	-19	-15	1.3	0.8	1.4	1.6	1.1	0.8	0.8	1.2	1.1	1.5	2.1	1.6	1.2	1.5	1.5
11/15 3:40	-7	-2	-20	-15	-15	-22	-15	-8	-9	-15	-20	-20	-21	-17	-15	1.2	1.4	1.0	0.9	0.5	1.1	1.2	0.4	0.5	0.6	0.7	0.6	0.6	0.4	0.4
11/15 3:50	-7	-2	-19	-15	-14	-23	-16	-8	-10	-15	-21	-21	-20	-17	-15	1.7	2.4	2.1	1.8	1.1	1.3	1.3	1.6	1.3	1.6	2.1	1.9	1.8	1.9	2.1
11/15 4:00	-7	-2	-21	-15	-14	-20	-17	8	-10	-11	-21	-18	-20	-16	-15	1.8	2.6	1.9	1.7	1.3	1.4	1.6	3.5	3.1	3.3	3.4	3.1	3.2	2.6	2.9
11/15 4:10	-6	-2	-19	-15	-15	-18	-17	2	-11	-18	-23	-24	-20	-16	-15	1.4	1.6	1.3	1.4	2.0	2.1	2.7	2.2	1.9	1.9	1.7	1.6	1.9	1.1	1.8
11/15 4:20	-6	-2	-20	-16	-15	-19	-15	-7	-11	-15	-20	-20	-20	-14	-16	1.8	2.1	1.8	1.6	2.6	1.9	1.5	2.7	2.5	1.9	1.5	1.8	2.0	1.4	1.5
11/15 4:30	-7	-2	-20	-16	-15	-19	-15	-8	-8	-14	-19	-20	-21	-14	-16	1.4	1.9	1.6	1.7	2.2	1.5	1.0	2.3	2.4	1.4	1.8	1.7	1.3	1.4	1.0
11/15 4:40	-7	-2	-20	-16	-16	-20	-14	-8	-9	-15	-20	-19	-21	-15	-14	1.2	1.8	1.5	1.4	0.7	0.6	0.7	1.7	2.1	1.6	1.5	1.6	1.8	1.5	1.8
11/15 4:50	-7	-2	-20	-15	-16	-20	-15	-8	-9	-14	-20	-20	-19	-14	-14	1.6	2.1	2.3	2.0	1.3	1.2	1.3	2.4	2.5	2.4	2.3	2.6	2.5	2.1	2.5
11/15 5:00	23	-2	11	0	-3	-6	-3	72	48	40	46	24	15	29	2	3.1	2.6	3.4	2.8	2.5	2.9	3.4	4.2	4.0	3.7	4.0	3.8	3.7	3.2	3.2
11/15 5:10	20	-2	-2	-15	-16	-24	-17	130	121	78	59	31	19	31	16	2.8	2.9	2.8	2.6	2.0	2.1	2.0	4.6	4.5	3.9	3.8	3.6	3.4	3.0	3.2
11/15 5:20	-9	-2	-23	-18	-17	-21	-18	25	54	34	1	0	-14	-15	-21	1.2	2.7	2.1	1.7	1.2	0.9	1.2	3.5	3.6	3.4	3.1	3.1	2.8	2.2	2.1
11/15 5:30	-6	-2	-20	-16	-14	-18	-15	1	-13	-20	-26	-29	-24	-15	-16	1.4	0.8	0.6	0.8	1.6	1.4	1.3	2.7	2.6	2.7	2.4	2.6	2.4	1.5	1.8
11/15 5:40	-7	-2	-19	-15	-14	-18	-15	-2	-12	-15	-26	-26	-26	-17	-14	0.8	1.2	0.8	1.0	1.6	1.1	0.9	2.1	2.6	2.7	2.5	2.5	2.3	2.1	2.2
11/15 5:50	-7	-2	-18	-15	-15	-18	-15	-10	-14	-16	-24	-23	-20	-19	-15	1.2	1.2	1.0	1.1	1.3	1.0	0.9	2.3	2.5	2.6	2.8	2.3	2.3	2.0	2.2
11/15 6:00	-6	-2	-18	-16	-14	-18	-16	-8	-13	-21	-24	-21	-21	-18	-15	1.7	1.0	0.9	1.3	1.5	1.4	1.1	2.6	2.8	2.6	2.5	2.4	2.1	2.1	2.4
11/15 6:10	-4	-2	-19	-16	-15	-19	-15	-6	-12	-17	-22	-20	-22	-14	-15	2.1	1.8	1.5	1.9	2.4	2.6	2.5	1.3	1.6	1.1	1.5	1.5	1.5	1.4	1.4
11/15 6:20	-7	-2	-20	-15	-16	-20	-16	-6	-9	-14	-19	-20	-20	-13	-14	3.6	3.7	2.9	3.3	3.0	3.2	3.4	1.0	1.1	1.7	2.1	1.9	1.9	2.0	2.6
11/15 6:30	-7	-2	-19	-3	-14	-21	-14	-7	-10	-15	-20	-20	-21	-13	-14	3.1	3.2	2.5	2.7	2.1	1.9	2.2	1.6	1.5	2.1	2.4	2.1	2.1	2.2	3.3
11/15 6:40	-3	-2	-11	-11	-14	-19	-11	-6	-11	-15	-22	-20	-21	-16	-14	2.8	2.8	2.5												

11/15 7:10	28	-2	12	19	-9	19	38	-7	-9	-14	-8	8	7	17	-15	3.1	4.1	3.1	3.1	3.3	3.2	3.5	2.3	2.7	2.8	3.3	3.2	3.3	3.1	3.0
11/15 7:20	54	-2	47	44	-20	54	79	-6	-9	-12	7	26	34	3	-15	3.2	4.1	3.4	3.4	4.0	3.5	3.8	2.4	2.8	3.2	3.6	3.6	3.9	2.5	2.8
11/15 7:30	135	-2	131	158	-3	138	136	-10	14	33	64	64	69	56	26	4.3	4.9	4.5	4.7	4.9	4.6	4.6	3.3	3.5	3.7	4.2	4.3	4.6	3.2	3.7
11/15 7:40	111	-2	103	130	88	97	100	30	89	99	137	123	140	123	147	4.1	4.2	4.3	4.4	4.2	4.2	4.3	4.0	4.5	4.5	4.7	4.7	4.9	4.0	4.7
11/15 7:50	56	-2	28	33	19	24	35	22	42	32	38	28	34	39	43	3.5	3.3	3.2	3.3	3.2	3.2	3.3	3.2	3.7	3.6	3.7	3.3	3.6	3.2	3.6
11/15 8:00	10	-2	-14	-9	-11	-26	-19	-3	-2	-17	-23	-26	-25	-17	-18	2.7	2.8	2.1	2.4	2.5	2.3	1.8	2.4	2.9	2.5	2.7	2.1	2.2	2.3	2.5
11/15 8:10	13	-2	-9	-15	-15	-20	-20	31	32	-4	-17	-24	-24	-15	-21	3.0	3.2	2.7	2.3	2.4	2.7	2.3	3.1	3.4	2.9	2.6	2.7	3.1	2.7	3.2
11/15 8:20	11	-2	-21	-19	-17	-18	-18	8	9	-19	-23	-20	-21	-13	-18	2.7	3.0	2.3	2.7	2.7	2.5	2.2	2.7	2.6	2.1	2.0	2.3	2.3	2.3	2.8
11/15 8:30	12	-2	-24	-6	-17	-19	-16	-11	-4	-19	-21	-19	-23	-13	-16	2.9	2.8	2.6	2.7	2.7	2.6	2.3	2.4	2.8	2.3	2.3	2.5	2.9	2.8	2.7
11/15 8:40	45	-2	4	1	-2	-15	-15	-8	-8	-13	-10	-20	-8	-12	-15	3.1	3.5	2.9	2.9	3.1	2.6	2.3	1.9	2.6	2.7	2.7	2.7	3.2	2.9	3.2
11/15 8:50	2	-2	-26	-14	-14	-23	-14	-3	-7	-12	-17	-21	-21	-18	-15	2.7	4.0	2.1	1.9	2.1	2.5	2.4	2.6	2.2	2.3	1.7	1.4	2.3	2.5	2.8
11/15 9:00	-8	-2	-17	-14	4	-12	-12	6	-10	-16	-21	-20	-23	-16	-15	2.7	4.0	2.7	2.8	3.0	2.7	2.4	2.1	2.0	1.8	2.2	2.1	2.3	2.3	2.4
11/15 9:10	17	-2	11	7	36	20	22	-9	-9	-15	-19	-19	-20	-13	6	3.1	4.0	2.9	2.7	3.4	3.1	3.0	1.9	1.8	2.0	2.9	2.5	2.6	2.6	3.1
11/15 9:20	84	-2	67	2	76	53	75	-6	-7	-15	5	-20	-21	32	76	3.7	4.0	3.7	2.5	3.7	3.9	4.0	2.3	2.6	2.7	3.4	3.3	2.9	3.0	4.0
11/15 9:30	113	-2	87	17	117	68	79	8	5	-8	42	-14	-21	70	103	4.1	4.0	3.9	2.8	4.6	4.3	4.1	2.8	2.9	3.1	3.7	2.7	3.1	3.5	4.0
11/15 9:40	156	-2	104	24	132	85	84	66	68	26	4	12	11	105	147	4.6	4.0	4.1	2.8	4.4	4.1	4.1	3.8	3.8	3.1	2.9	3.0	3.3	3.8	4.6
11/15 9:50	112	-2	72	-13	72	58	46	47	35	-13	38	1	-26	72	111	3.9	4.1	3.7	2.0	3.3	3.6	3.4	3.5	3.2	2.5	3.6	3.0	2.6	3.5	4.0
11/15 10:00	25	-3	-18	-17	18	5	6	32	6	-18	2	-22	-23	-5	24	2.9	4.1	2.3	1.4	2.8	2.7	2.8	3.1	2.9	2.2	3.0	1.9	1.6	2.6	3.0
11/15 10:10	51	-3	16	-14	17	-15	36	-2	-10	-16	-23	-22	-20	-18	-17	3.3	4.1	3.0	1.9	2.8	2.1	3.4	2.3	2.1	1.7	1.9	1.4	0.7	1.5	1.8
11/15 10:20	47	-3	-22	-15	31	-3	27	-9	-11	-15	-20	-20	-19	-14	-17	3.1	4.1	2.7	2.8	3.3	3.1	3.3	2.6	2.6	2.2	2.7	2.1	1.8	1.7	2.2
11/15 10:30	48	-3	-22	14	88	77	68	-7	-10	-15	-19	-21	-18	-15	-15	3.0	4.1	1.6	3.0	4.1	4.1	3.8	1.8	1.3	1.2	2.3	2.4	2.2	2.0	2.5
11/15 10:40	80	-3	-19	14	131	54	45	-7	-10	-18	-21	-22	-20	-16	-9	3.4	4.1	2.0	2.5	4.3	3.5	3.3	1.8	2.0	2.1	2.9	2.7	2.7	2.4	2.9
11/15 10:50	62	-3	-17	31	150	105	71	-8	-10	-15	10	-15	-22	-15	19	3.2	4.1	2.2	3.0	4.6	4.3	3.6	1.8	2.7	2.7	3.0	2.8	2.3	1.8	3.2
11/15 11:00	-2	-3	-22	6	51	3	-8	-9	-9	-17	-24	-22	-21	-15	-12	2.4	4.1	1.5	2.4	3.4	2.7	2.4	1.4	1.4	1.1	1.6	1.6	1.7	2.2	2.4
11/15 11:10	-9	-3	-20	-7	53	18	4	-8	-11	-16	-22	-20	-20	-16	-17	2.1	4.1	1.4	2.2	3.5	3.0	2.6	1.4	1.3	1.4	1.7	1.3	1.1	1.3	1.9
11/15 11:20	-6	-3	-19	0	64	9	-9	-6	-10	-16	-20	-21	-22	-15	-16	2.0	4.1	1.7	2.6	3.5	2.9	2.5	1.9	1.7	1.6	1.6	1.1	1.1	1.1	2.3
11/15 11:30	12	-3	8	31	120	29	6	-9	-11	-14	-21	-22	-21	-15	-18	2.7	4.1	2.7	3.0	4.2	3.1	2.6	1.9	1.7	1.5	1.7	1.1	1.5	2.1	2.6
11/15 11:40	39	-3	-23	61	119	49	29	-8	-10	-15	-21	-21	-21	-15	-14	3.2	4.1	2.0	3.4	4.3	3.4	3.1	2.6	2.1	1.8	1.5	1.4	1.6	1.6	2.7
11/15 11:50	82	-3	-21	88	106	21	-5	-10	-11	-15	-21	-21	-20	-14	-20	3.6	4.2	2.4	3.6	4.0	2.8	2.5	3.0	2.5	2.4	1.9	1.3	1.4	1.5	1.9
11/15 12:00	106	-3	-20	62	3	-4	-9	5	-10	-16	-21	-21	-21	-14	-15	3.8	4.2	2.6	3.5	2.5	2.5	2.3	3.0	2.8	2.4	2.0	1.4	1.7	1.5	2.0
11/15 12:10	98	-3	-20	-10	-3	-24	-18	13	-12	-15	-20	-20	-22	-14	22	3.8	4.2	2.5	2.3	2.6	2.3	2.3	2.7	2.7	2.6	2.1	1.4	1.6	2.0	3.2
11/15 12:20	51	-3	14	24	26	-5	-17	16	-7	-16	-19	-20	-22	-16	27	3.1	4.2	2.9	2.8	3.1	2.3	2.0	2.7	2.4	2.1	2.8	2.2	2.5	2.5	2.9
11/15 12:30	67	-3	-10	101	63	7	5	31	-9	-16	27	-20	-21	-15	9	3.4	4.2	2.3	4.1	3.5	2.8	2.6	3.0	2.5	2.8	3.2	2.5	2.7	1.8	3.0
11/15 12:40	64	-3	-22	45	40	14	40	52	0	-15	12	-22	4	-16	153	3.4	4.2	2.2	3.2	3.0	2.8	3.2	3.3	2.6	2.9	3.0	2.4	3.1	2.4	4.2
11/15 12:50	65	-3	2	108	103	54	141	80	-2	-16	11	-25	-6	5	176	3.4	4.2	2.5	4.0	3.9	3.3	4.2	3.8	2.5	2.2	3.1	2.5	2.8	2.8	4.6
11/15 13:00	126	-3	8	119	184	92	147	136	77	4	7	-22	41	35	328	4.0	4.2	2.6	4.2	4.9	3.8	4.5	4.2	3.9	2.5	2.6	2.4	3.5	2.9	5.5
11/15 13:10	76	-3	65	155	129	71	185	180	87	116	182	-24	58	83	310	3.4	4.2	3.5	4.5	4.2	3.4	4.9	4.5	3.9	4.1	4.6	2.4	3.3	3.2	5.6
11/15 13:20	91	-3	66	71	69	12	26	129	84	65	129	-21	3	64	80	3.7	4.2	3.3	3.4	3.5	2.9	3.1	4.0	3.8	3.6	4.1	2.5	2.9	3.2	3.7
11/15 13:30	75	-3	31	-15	14	9	6	99	94	46	-5	-20	-23	-14	-13	3.7	4.2	2.8	2.0	2.9	2.8	2.7	3.8	4.0	3.4	2.8	1.6	2.0	2.4	2.6
11/15 13:40	62	-3	35	-16	10	-14	21	127	124	71	18	-20	-21	-6	-8	3.5	4.3	3.2	2.3	2.6	2.5	2.7	4.1	4.2	3.8	3.2	2.3	1.7	2.5	2.3
11/15 13:50	111	-3	91	-9	25	4	17	172	96	97	49	-10	-21	15	44	4.2	4.3	3.9	2.5	2.9	2.5	2.8	4.4	3.7	3.9	3.4	3.2	1.7	2.7	3.4
11/15 14:00	145	-3	99	14	61	30	14	176	152	110	101	18	-22	71	83	4.4	4.3	3.9	2.9	3.7	3.1	2.8	4.4	4.4	4.0	4.0	3.2	2.6	3.5	3.8
11/15 14:10	119	-3	111	11	66	45	47	154	144	94	59	-1	-10	86	80	4.0	4.3	4.1	2.7	3.7	3.3	3.3	4.2	4.2	4.0	3.5	2.7	2.9	3.6	3.8
11/15 14:20	134	-3	104	-8	63	52	53	180	277	179	117	15	-20	5	34	4.3	4.3	4.0	2.4	3.6	3.4	3.4	4.5	5.2	4.6	4.1	3.0	2.5	2.7	2.9
11/15 14:30	148	-3	114	-6	67	45	58	288	378	212	143	12	-10	21	83	4.3	4.3	4.1	2.5	3.5	3.4	3.8	5.3	5.7	4.8	4.3	2.9	2.6	2.9	3.8
11/15 14:40	207	-3	131	21	90	66	81	243	309	165	70	-23	-20	55	166	5.1	4.9	4.1	3.0	3.8	3.7	3.8	4.9	5.4	4.5	3.7	2.2	1.9	3.1	4.5
11/15 14:50	187	95	159	144	163	103	173	223	345	177	12	-21	-18	9	105	5.4	5.3	4.2	4.2	4.4	3.8	4.6	4.8	5.5	4.7	3.1	1.8	2.3	2.8	3.9
11/15 15:00	-3	252	167	265	181	93	121	159	206	89	36	-20	-23	24	78	6.2	5.6	4.6	5.0	4.5	3.7	4.2	4.3	4.9	3.8	3.4	2.4	1.8	2.8	3.9
11/15 15:10	-5	286	295	142	200	133	193	78	129	76	68	-2	-21	93	68	6.3	5.6	5.2	4.1	4.9	4.3	5.0	3.8	4.3	3.8	3.7	2.8	2.5	3.4	3.6
11/15 15:20	-5	189	206	208	159	116	220	70	181	102	62	7	-21	15	46	6.6	4.9	4.6	4.8	4.4	3.8	5.1	3.7	4.7	4.0	3.7	3.0	2.0	2.7	3.5
11/15 15:30	-6	178	155	20	178	168	174	126	166	36	28	-19	-21	9</																

11/15 16:00	-6	546	579	258	515	388	350	348	196	171	184	135	55	230	258	7.5	6.9	6.8	4.9	6.9	6.1	5.9	5.5	4.7	4.5	4.6	4.2	3.6	4.7	5.0
11/15 16:10	-6	586	703	229	647	439	426	347	118	131	151	192	76	344	338	7.8	7.3	7.4	4.7	7.2	6.4	6.5	5.5	4.2	4.1	4.5	4.8	3.5	5.3	5.5
11/15 16:20	-6	672	828	390	746	555	492	366	219	114	231	124	64	187	397	8.0	7.8	7.9	5.9	7.7	7.0	6.9	5.6	4.9	4.0	4.9	4.1	3.7	4.4	5.9
11/15 16:30	-6	793	767	545	638	533	426	361	343	356	249	105	30	86	213	8.3	8.0	8.1	6.9	7.5	6.6	6.5	5.6	5.5	5.7	5.0	4.1	3.4	3.6	4.6
11/15 16:40	-6	779	756	472	785	593	547	526	433	358	183	108	80	245	525	8.5	7.9	7.4	6.2	7.6	6.7	6.8	6.3	5.9	5.7	4.6	4.2	3.7	4.4	6.3
11/15 16:50	-6	670	699	400	770	597	555	474	488	308	261	98	98	372	610	8.8	7.4	7.1	5.9	7.9	7.2	6.9	5.9	6.2	5.3	5.1	3.9	4.0	5.0	6.6
11/15 17:00	-9	681	886	586	841	629	543	475	698	494	417	226	183	456	610	9.0	7.4	7.7	6.9	8.3	7.4	7.0	6.1	6.8	6.2	5.9	5.2	4.7	5.6	6.6
11/15 17:10	98	791	802	595	825	744	683	781	588	426	365	149	176	357	765	8.7	7.9	7.5	7.0	8.3	7.4	7.6	7.1	6.5	5.7	5.5	4.1	4.6	5.3	6.9
11/15 17:20	482	830	816	478	743	603	619	675	508	249	298	228	248	616	871	8.5	8.1	7.4	6.2	7.9	6.9	7.1	6.7	6.2	5.0	5.1	4.9	5.3	6.5	7.2
11/15 17:30	824	714	819	600	827	725	761	698	784	520	480	337	425	1,025	1,336	8.1	7.9	7.6	6.8	8.1	7.8	7.8	6.8	7.1	6.1	6.1	5.4	6.2	8.1	8.5
11/15 17:40	896	816	908	679	1,041	846	836	1,039	1,165	1,055	985	663	595	1,277	1,558	8.4	8.2	7.8	7.1	8.5	8.2	8.1	7.8	7.9	7.8	7.5	6.7	6.7	8.5	8.9
11/15 17:50	978	916	1,090	759	1,207	980	1,051	905	1,004	798	682	382	384	761	1,085	8.6	8.4	8.5	7.6	9.1	8.7	8.9	7.3	7.6	7.0	6.5	5.7	5.6	6.8	7.8
11/15 18:00	1,123	928	1,046	665	1,219	1,013	1,208	868	1,060	635	752	311	206	443	867	9.0	8.4	8.2	7.0	9.1	9.0	8.9	7.2	7.8	6.5	6.8	5.4	4.7	5.4	7.3
11/15 18:10	1,283	1,099	1,382	795	1,424	1,173	1,157	738	1,143	937	950	468	310	325	326	9.6	8.9	9.3	7.7	9.8	9.5	9.4	6.8	8.0	7.4	7.4	6.1	5.4	5.1	5.2
11/15 18:20	1,386	1,242	1,375	871	1,224	983	850	671	956	1,148	1,053	628	326	408	816	10.0	9.6	9.3	7.7	9.1	8.8	8.3	6.8	7.5	7.8	7.8	6.4	5.3	5.5	7.0
11/15 18:30	1,209	1,037	1,340	1,158	1,176	910	823	912	977	1,144	1,360	807	412	776	1,349	9.5	9.1	9.3	9.7	9.3	8.2	8.1	7.4	7.6	7.9	8.5	7.0	5.6	6.8	8.4
11/15 18:40	964	1,021	1,093	1,062	1,133	993	861	1,448	1,491	1,533	1,598	906	507	816	1,097	8.7	9.1	8.4	8.8	9.2	8.2	7.8	8.6	8.7	8.8	8.9	7.4	6.3	6.9	7.8
11/15 18:50	1,037	825	937	923	1,109	945	901	807	1,309	1,263	1,286	698	417	641	920	8.9	8.2	7.9	8.0	9.1	8.0	7.8	7.1	8.3	8.1	8.1	6.7	5.8	6.4	7.2
11/15 19:00	1,031	813	838	627	1,073	1,045	1,167	681	1,003	993	1,046	586	292	506	825	8.8	8.1	7.4	6.8	8.6	8.2	8.9	6.8	7.5	7.4	7.7	6.3	5.3	5.7	7.2
11/15 19:10	928	759	787	496	1,253	1,258	1,346	940	1,075	1,055	732	504	406	928	1,695	8.4	7.8	7.2	6.8	9.0	9.0	9.5	7.5	7.8	7.6	6.7	6.2	5.8	7.5	9.1
11/15 19:20	994	727	902	793	1,115	1,034	1,058	861	1,023	1,145	1,046	517	358	539	1,036	9.0	8.1	7.6	7.8	8.8	8.5	9.2	7.2	7.7	7.9	7.6	6.4	5.7	6.2	7.9
11/15 19:30	1,128	902	1,126	1,088	1,356	1,240	1,240	848	1,155	1,070	1,609	893	669	662	770	9.5	8.9	8.3	8.9	9.8	9.5	10.1	7.1	8.0	7.7	8.9	7.3	6.9	6.6	7.3
11/15 19:40	1,347	1,124	1,460	1,524	1,691	1,537	1,500	871	1,148	1,040	1,601	1,309	863	772	1,014	10.2	9.7	9.3	10.2	10.8	10.5	11.3	7.2	7.9	7.7	9.1	8.4	7.4	7.1	7.8
11/15 19:50	1,610	1,329	1,585	1,669	1,565	1,426	1,634	795	1,105	938	1,187	888	770	414	871	9.9	9.4	9.9	10.9	11.1	11.2	9.5	7.2	8.0	7.6	8.3	7.5	7.2	8.7	7.5
11/15 20:00	1,661	1,503	1,694	1,821	1,802	1,412	1,688	974	1,222	1,104	1,459	830	649	-14	1,681	10.5	9.5	9.6	10.4	10.4	11.6	10.2	7.5	8.2	7.9	8.6	7.5	6.8	8.4	9.2
11/15 20:10	1,406	1,379	1,639	1,731	1,650	1,402	1,544	1,056	1,089	987	1,271	764	765	-15	1,863	10.2	9.4	9.3	10.0	10.2	12.0	10.4	7.6	7.9	7.6	8.0	7.2	7.1	8.7	9.4
11/15 20:20	1,374	1,246	1,506	1,681	1,596	1,391	1,551	1,035	1,066	1,000	1,198	703	845	-14	2,004	9.8	9.0	8.8	9.9	10.1	12.4	10.4	7.4	7.8	7.5	7.7	6.8	7.4	8.8	10.0
11/15 20:30	1,457	1,347	1,564	1,732	1,692	1,380	1,734	1,102	1,075	937	1,211	863	1,005	-13	1,972	10.2	9.4	9.0	10.2	11.0	12.8	10.6	7.6	7.9	7.5	7.8	7.1	7.7	9.0	9.6
11/15 20:40	1,665	1,535	1,691	1,763	1,682	1,370	1,678	1,214	1,264	1,200	1,386	955	754	-14	1,995	9.6	10.2	9.4	10.2	11.3	13.2	10.8	8.0	8.2	8.0	8.3	7.3	7.1	8.7	9.8
11/15 20:50	1,848	1,663	1,786	1,796	1,672	1,359	1,794	1,412	1,423	1,507	1,680	995	979	-14	2,005	10.3	10.8	9.8	10.6	11.7	13.6	11.4	8.4	8.4	8.7	8.7	7.5	7.5	9.5	10.1
11/15 21:00	1,942	1,889	2,000	2,016	1,662	1,349	1,963	1,791	1,806	1,974	2,010	1,827	1,583	-14	2,000	11.1	10.7	11.1	11.6	12.1	14.0	11.6	9.2	9.1	9.9	10.1	9.1	8.8	11.2	11.1
11/15 21:10	1,925	1,979	1,998	1,999	1,652	1,338	2,000	1,965	2,016	1,999	1,999	2,010	1,746	-14	2,000	11.2	11.2	12.1	12.4	12.4	14.3	12.9	9.9	10.1	10.7	11.2	9.8	8.9	12.0	12.5
11/15 21:20	1,965	1,949	1,997	1,999	1,642	1,328	1,999	1,518	1,999	2,000	2,000	1,999	1,821	-14	1,999	11.7	11.2	11.6	12.0	12.8	14.7	13.4	10.9	10.4	11.4	11.4	9.8	9.2	11.8	12.2
11/15 21:30	1,933	1,960	2,000	1,998	1,632	1,317	1,999	-7	1,999	1,999	1,999	1,999	1,898	-14	2,000	11.4	11.0	11.9	12.0	13.1	15.1	13.3	11.7	10.9	11.8	12.1	10.1	10.0	12.8	13.1
11/15 21:40	1,898	1,856	1,996	1,996	1,622	1,306	1,999	-5	1,999	1,999	1,999	1,992	1,960	-15	1,999	11.3	10.7	11.8	11.7	13.5	15.5	12.8	11.9	10.4	11.4	11.8	10.2	9.8	12.5	13.1
11/15 21:50	1,916	1,722	1,963	2,001	1,613	1,296	2,000	-5	1,999	1,999	2,000	2,007	1,984	-15	2,000	11.1	10.1	11.4	11.8	13.8	15.9	12.6	12.1	11.0	12.0	12.5	10.5	10.4	12.7	13.3
11/15 22:00	1,892	1,847	2,008	2,002	1,603	1,285	2,000	-6	2,000	1,999	2,000	1,999	2,015	-28	1,999	11.3	10.7	11.8	12.4	14.2	16.3	12.9	12.3	11.1	12.4	12.7	11.3	10.1	13.3	13.6
11/15 22:10	1,943	1,859	2,000	2,000	1,593	1,275	1,999	-4	1,999	2,000	2,000	2,000	2,000	-29	2,000	11.6	11.1	12.3	12.7	14.5	16.7	14.2	12.6	11.8	12.9	13.9	11.6	11.0	13.1	14.0
11/15 22:20	2,020	1,993	2,000	1,999	1,583	1,264	2,000	-5	2,000	2,000	2,000	1,999	1,999	-29	1,999	13.2	12.6	13.0	13.1	14.9	17.1	14.6	12.5	13.3	14.1	14.3	12.7	11.5	13.8	14.6
11/15 22:30	1,999	2,008	2,000	1,999	1,573	1,253	2,000	-5	1,999	2,000	1,999	2,001	2,000	-29	1,999	14.0	12.5	13.2	13.4	15.2	17.5	14.6	12.6	12.7	14.6	14.6	12.9	11.6	13.8	14.6
11/15 22:40	1,998	269	2,000	2,000	1,563	1,243	2,000	-6	2,000	2,000	2,000	2,000	2,000	-29	2,000	13.1	14.1	13.8	13.9	15.6	17.8	14.8	12.9	12.9	14.1	14.9	12.9	11.6	13.9	14.7
11/15 22:50	1,997	-26	1,999	2,001	1,553	1,232	2,000	-6	2,000	1,999	2,000	2,000	651	-29	2,000	12.8	13.6	13.8	13.8	16.0	18.2	15.0	12.2	12.6	14.3	14.2	12.6	11.6	13.4	14.2
11/15 23:00	2,003	-25	2,000	1,999	1,543	1,222	2,000	-5	1,999	1,999	2,001	2,000	2,012	-30	2,000	14.2	13.3	13.5	14.3	16.3	18.6	15.0	12.4	12.7	14.8	15.1	13.4	12.1	14.3	15.0
11/15 23:10	1,999	-24	2,000	1,999	1,533	1,210	2,000	-6	2,000	2,000	1,999	2,000	2,000	-28	1,999	13.9	14.0	13.7	14.4	16.7	19.0	15.4	12.8	13.1	14.8	15.5	13.1	12.3	14.2	15.1

11/16 0:50	2,000	-22	1,999	2,000	-4	23	-15	-5	2,000	1,999	2,000	1,999	1,779	-25	2,000	15.9	14.9	16.6	17.1	19.9	20.0	20.3	16.8	18.4	18.6	19.6	17.7	10.6	10.0	16.4
11/16 1:00	2,000	-22	2,000	1,717	-4	23	-15	-5	2,000	2,000	1,999	1,999	1,754	-24	1,964	15.4	16.2	17.5	16.5	20.1	20.0	20.1	15.4	15.9	17.4	19.0	16.7	10.4	9.8	16.6
11/16 1:10	1,999	941	1,028	921	539	23	-15	-4	1,999	2,000	1,999	1,999	1,730	-24	2,015	17.3	17.6	20.0	18.6	21.1	19.9	22.2	16.1	17.0	17.4	20.5	17.8	10.3	9.7	16.8
11/16 1:20	2,000	1,993	1,645	2,000	2,007	22	-17	-5	1,999	1,986	1,927	1,989	1,705	-24	2,000	17.8	16.6	18.4	19.6	21.1	19.8	22.7	14.6	14.8	15.7	17.8	17.0	10.1	9.6	16.1
11/16 1:30	2,000	1,959	2,000	2,000	1,999	22	-17	-3	1,979	2,012	1,999	2,009	1,681	-23	1,999	17.3	17.1	17.8	18.8	21.0	19.7	22.3	13.9	14.0	14.8	16.5	15.8	10.0	9.4	16.0
11/16 1:40	1,999	1,973	2,000	1,999	1,998	22	-17	-2	2,009	1,996	2,000	1,999	1,656	-23	2,000	16.7	15.6	18.0	18.1	22.6	19.6	22.2	14.0	14.7	14.3	16.2	15.4	9.8	9.3	16.5
11/16 1:50	1,999	1,991	1,999	2,000	1,999	22	-18	-2	1,952	2,003	2,000	1,962	1,631	-23	2,000	17.0	15.5	18.0	19.1	22.3	19.5	21.2	14.3	14.2	14.9	16.1	15.9	9.7	9.1	16.1
11/16 2:00	2,000	2,020	2,000	2,000	1,999	22	-18	-3	1,996	1,981	2,000	2,000	1,607	-22	2,000	18.2	17.5	18.7	20.5	23.6	19.4	23.2	15.0	15.0	16.8	17.2	16.3	9.6	9.0	16.8
11/16 2:10	2,000	1,998	2,000	2,000	2,000	22	-16	-3	2,005	1,711	2,000	1,999	1,582	-22	2,000	18.9	18.4	19.5	21.6	24.8	19.3	23.7	16.3	16.0	19.2	19.1	17.5	9.4	8.9	18.2
11/16 2:20	2,000	1,998	2,000	2,000	1,987	22	-16	-3	2,004	1,445	2,000	2,000	1,558	-22	1,999	19.6	17.4	20.8	21.3	24.5	19.2	22.7	15.5	15.4	19.2	18.3	16.4	9.3	8.7	18.0
11/16 2:30	2,000	2,001	2,000	2,000	1,946	22	-16	-3	2,001	1,604	1,999	2,000	1,533	-21	1,958	18.8	19.4	21.1	21.8	25.0	19.1	23.5	16.6	16.8	19.1	19.7	18.5	9.1	8.6	19.1
11/16 2:40	1,999	1,999	1,999	2,000	1,998	22	-23	-4	1,895	2,005	1,999	2,000	1,509	-21	1,997	18.1	17.9	20.0	20.3	23.0	19.0	22.5	16.6	16.2	16.8	19.4	17.2	9.0	8.5	17.2
11/16 2:50	2,000	1,999	2,001	2,000	1,999	21	-30	-3	1,999	1,998	1,993	1,999	1,484	-21	2,000	17.8	18.0	19.7	20.2	23.7	18.9	23.4	15.3	14.7	15.2	18.7	16.5	8.8	8.3	17.4
11/16 3:00	1,999	1,971	1,818	2,000	1,999	21	-29	-2	2,000	2,000	2,005	1,999	1,459	-20	2,000	17.4	17.7	20.1	20.1	23.6	18.9	22.8	14.7	15.1	15.1	17.9	16.8	8.7	8.2	16.5
11/16 3:10	2,000	2,019	862	1,999	1,967	21	-29	-2	1,998	1,998	1,999	1,998	1,435	-20	1,999	18.3	18.2	19.3	20.6	24.0	18.8	23.4	15.8	16.3	17.3	19.6	19.0	8.5	8.0	19.0
11/16 3:20	2,000	2,002	2,004	2,000	2,000	21	-30	-2	2,000	2,000	1,999	1,978	1,410	-20	2,000	18.3	17.6	19.0	20.1	21.6	18.7	23.0	16.4	17.2	18.4	19.4	19.2	8.4	7.9	17.7
11/16 3:30	1,999	1,999	2,000	2,000	2,000	21	-30	-2	2,000	2,002	1,998	2,019	1,386	-19	1,999	18.9	18.3	20.4	21.2	21.5	18.6	22.6	15.6	15.6	16.0	19.3	18.1	8.2	7.8	17.6
11/16 3:40	2,000	1,995	1,999	2,000	1,999	21	-30	-2	1,993	1,999	2,000	2,000	1,361	-19	2,000	19.3	16.9	19.5	20.4	21.9	18.5	23.2	15.4	15.2	16.4	18.7	17.4	8.1	7.6	16.8
11/16 3:50	2,000	1,887	2,000	2,001	1,999	21	-30	-2	2,003	1,979	1,998	1,998	1,337	-19	1,998	18.1	16.1	19.4	20.5	21.4	18.4	23.8	15.0	15.3	16.2	18.2	17.5	7.9	7.5	18.4
11/16 4:00	2,000	1,899	2,000	1,995	1,999	21	-29	-3	1,964	1,941	1,985	1,998	1,312	-18	2,000	18.2	15.2	19.8	20.8	21.7	18.3	23.0	15.0	15.9	17.0	19.1	16.8	7.8	7.4	19.4
11/16 4:10	2,000	1,789	1,998	2,000	1,908	20	-29	-3	1,803	1,971	1,984	1,999	1,288	-18	2,000	17.9	14.2	18.5	20.2	20.1	18.2	22.4	13.8	15.3	17.2	17.6	16.6	7.7	7.2	18.5
11/16 4:20	1,998	1,828	1,999	1,999	2,009	20	-29	-3	1,949	1,959	2,010	2,001	1,263	-18	2,001	17.4	14.1	18.5	20.0	19.7	18.1	22.4	13.8	14.3	15.3	17.4	16.1	7.5	7.1	18.4
11/16 4:30	1,999	1,951	1,999	2,000	2,000	20	-30	-3	1,999	1,997	2,005	2,001	1,238	-17	2,000	18.0	14.4	19.0	20.7	21.4	18.0	22.3	14.6	15.1	16.1	17.1	17.9	7.4	7.0	18.5
11/16 4:40	1,998	1,943	1,996	2,000	2,000	20	-30	-3	1,972	1,963	1,998	1,999	1,214	-17	1,999	17.1	13.9	18.5	19.7	20.3	17.9	21.7	12.5	13.6	16.2	17.9	17.5	7.2	6.8	17.7
11/16 4:50	1,999	1,895	2,000	1,999	1,999	20	-30	-3	1,959	1,987	1,997	2,000	1,189	-17	1,999	16.4	13.8	17.4	19.1	20.2	17.8	22.5	13.4	14.0	14.8	16.6	16.4	7.1	6.7	17.2
11/16 5:00	1,998	1,839	2,000	2,000	1,998	20	-30	-3	1,965	1,961	2,002	2,000	1,165	-16	2,000	16.1	13.5	18.1	19.5	20.2	17.8	22.9	12.8	14.2	15.4	16.8	15.9	6.9	6.5	17.3
11/16 5:10	1,995	1,759	1,999	2,000	2,000	20	-30	-3	1,706	1,893	1,994	1,966	1,140	-16	1,998	16.1	13.6	17.5	19.0	19.3	17.7	22.8	12.3	12.6	14.5	15.8	16.0	6.8	6.4	17.0
11/16 5:20	2,001	1,687	1,988	1,999	1,974	20	-30	-3	1,914	1,874	2,000	1,985	1,116	-16	2,000	16.3	13.2	17.1	18.9	19.2	17.6	21.7	13.5	14.8	14.6	16.3	16.2	6.6	6.3	16.8
11/16 5:30	1,936	1,686	1,963	2,000	1,932	20	-31	-3	1,930	1,941	2,007	2,000	1,091	-15	1,998	15.3	12.9	17.0	19.1	19.1	17.5	22.6	14.2	14.7	14.7	16.4	15.9	6.5	6.1	16.6
11/16 5:40	1,956	1,663	1,987	716	1,899	19	-29	-3	1,916	1,912	1,955	1,988	1,066	-15	2,000	15.5	12.6	17.6	17.7	18.9	17.4	22.4	15.0	14.1	14.6	17.7	16.4	6.3	6.0	16.7
11/16 5:50	1,911	1,537	1,883	1,951	1,842	19	-29	-3	1,930	1,914	1,944	1,916	1,042	-15	2,000	15.2	12.3	16.9	18.0	18.9	17.3	22.7	15.2	15.5	15.9	17.7	17.8	6.2	5.9	17.3
11/16 6:00	1,893	1,536	1,912	2,017	1,838	19	-29	-3	1,864	1,888	1,927	1,992	1,017	-14	1,999	15.0	12.3	16.3	18.2	18.9	17.2	22.7	13.5	14.9	15.5	17.8	17.0	6.0	5.7	17.3
11/16 6:10	1,938	1,509	1,938	1,999	1,858	19	-28	-3	1,958	1,875	1,958	2,011	993	-14	1,999	15.3	12.0	16.3	18.2	19.1	17.1	22.6	14.0	14.6	15.1	17.6	16.0	5.9	5.6	16.0
11/16 6:20	1,973	1,564	1,986	2,002	1,865	19	-28	-3	1,905	1,931	2,018	2,000	968	-13	2,000	15.5	12.2	16.4	17.8	18.9	17.0	22.6	13.2	13.8	15.5	17.1	16.1	5.8	5.4	16.9
11/16 6:30	1,933	1,568	2,007	1,999	1,896	19	-28	-3	1,957	1,989	1,998	2,000	944	-13	2,000	15.0	12.1	16.3	17.7	18.7	16.9	22.1	13.0	13.8	15.1	16.9	15.4	5.6	5.3	16.2
11/16 6:40	1,995	1,632	2,010	2,000	1,931	19	-28	-3	1,971	1,995	1,999	2,000	919	-13	2,000	15.4	12.3	16.5	18.0	18.6	16.8	22.6	12.8	13.8	15.3	15.5	16.0	5.5	5.2	16.3
11/16 6:50	1,982	1,610	2,001	1,999	1,956	19	-27	-3	2,008	1,982	2,002	1,999	895	-12	2,000	15.0	12.4	16.6	18.0	18.7	16.7	22.4	13.2	13.7	14.6	15.8	15.4	5.3	5.0	15.9
11/16 7:00	2,011	1,657	1,999	1,999	1,964	18	-27	-3	1,980	1,984	2,000	1,999	870	-12	2,000	15.2	12.4	16.5	18.2	19.0	16.7	22.1	12.2	13.4	15.2	16.1	15.5	5.2	4.9	15.7
11/16 7:10	1,979	1,571	1,989	1,999	1,913	18	-27	-4	1,934	1,920	1,998	1,999	845	-12	1,999	15.1	12.2	16.0	17.8	18.5	16.6	21.7	12.0	13.1	14.9	15.1	14.9	5.0	4.8	16.0
11/16 7:20	1,926	1,493	1,980	1,982	1,883	18	-27	-4	1,647	1,830	1,965	1,973	821	-11	1,981	14.4	11.8	15.9	16.8	18.3	16.5	21.5	10.2	11.5	13.5	14.1	13.8	4.9	4.6	14.1
11/16 7:30	1,771	1,398	1,863	1,910	1,770	18	-26	-4	1,446	1,569	1,794	1,832	796	-11	1,954	13.9	11.3	14.7	16.1	17.0	16.4	20.8	10.1	10.6	12.0	12.6	12.1	4.7	4.5	13.2
11/16 7:40	1,496	1,011	1,338	1,614	1,486	18	-26	-4	594	1,031	1,210	1,311	772	-11	1,523	12.0	9.5	12.0	13.6	14.7	16.3	17.6	8.8	7.7	10.2	10.1	10.1	4.6	4.3	11.2
11/16 7:50	1,034	787	962	1,172	1,228	18	-26	-4	152	213	344	363	747	-10	642	10.1	8.4	10.1	11.2	13.2	16.2	14.1	6.3	5.2	5					

11/16 9:40	604	314	429	270	702	6	-9	-3	271	269	523	129	477	-7	598	6.5	5.7	6.8	5.5	8.1	14.3	12.9	8.0	6.1	6.4	7.9	7.5	2.8	2.7	7.9
11/16 9:50	555	203	289	314	666	0	-2	-3	216	210	497	474	452	-6	517	6.6	5.4	5.7	6.0	7.6	11.7	11.9	7.7	5.4	5.5	7.8	7.4	2.7	2.6	7.7
11/16 10:00	503	309	380	242	629	0	-2	-4	240	176	400	516	428	-6	578	7.0	6.9	6.7	5.6	7.2	11.0	12.6	8.1	5.8	4.8	7.5	7.8	2.5	2.4	8.0
11/16 10:10	403	324	400	299	592	0	-2	-4	210	150	239	337	403	-6	549	6.5	6.7	6.4	6.2	6.8	10.4	12.2	8.1	5.4	4.3	5.9	6.8	2.4	2.3	7.9
11/16 10:20	415	357	382	416	555	0	-2	-4	214	193	240	207	379	-5	497	6.9	6.8	6.4	7.0	6.4	9.7	10.3	9.0	5.3	5.0	5.7	5.6	2.3	2.1	7.9
11/16 10:30	531	384	455	419	519	0	-2	-3	239	235	268	120	354	-5	416	7.5	6.6	6.4	6.6	5.9	9.1	10.5	8.9	6.0	5.8	6.3	4.4	2.1	2.0	7.1
11/16 10:40	422	308	283	256	482	0	-2	-3	213	208	257	143	330	-5	433	6.9	6.0	6.0	6.1	5.5	8.4	11.1	9.0	5.6	5.7	6.4	4.8	2.0	1.9	7.5
11/16 10:50	454	326	306	393	445	0	-2	-2	153	135	166	97	305	-4	301	6.3	5.7	6.2	6.7	5.1	7.8	10.5	7.6	5.0	4.8	5.1	4.4	1.8	1.7	6.7
11/16 11:00	429	301	316	372	408	0	-2	-2	133	132	170	74	280	-4	300	6.3	6.1	5.9	6.4	4.7	7.1	10.6	7.4	4.8	4.9	5.1	4.2	1.7	1.6	6.6
11/16 11:10	270	216	204	230	372	0	-2	-2	143	110	155	82	256	-4	247	5.8	5.6	5.1	5.5	4.3	6.5	9.8	6.9	4.8	4.3	5.1	4.1	1.5	1.5	5.9
11/16 11:20	158	123	126	177	335	0	-2	-2	63	67	87	6	231	-3	126	5.1	4.9	4.5	5.3	3.8	5.8	9.1	6.3	4.0	4.0	4.1	3.3	1.4	1.3	4.5
11/16 11:30	106	89	72	73	298	0	-2	-2	109	107	133	82	207	-3	115	4.0	4.1	3.9	3.8	3.4	5.2	7.7	6.9	4.4	4.4	4.6	4.3	1.2	1.2	4.1
11/16 11:40	29	13	58	63	261	0	-1	-2	108	138	134	91	182	-3	169	3.5	3.1	3.6	3.5	3.0	4.5	7.6	6.2	4.0	4.8	4.7	4.2	1.1	1.0	5.0
11/16 11:50	69	113	92	103	225	0	-1	-1	89	53	83	67	158	-2	130	4.1	4.9	4.2	4.5	2.6	3.9	7.7	6.3	4.1	4.0	4.6	4.3	0.9	0.9	4.6
11/16 12:00	66	65	58	45	188	0	-1	-1	47	64	84	82	133	-2	70	3.8	4.0	3.5	3.6	2.2	3.3	6.8	5.9	3.7	4.3	4.5	4.4	0.8	0.8	4.0
11/16 12:10	51	56	62	52	151	0	-1	-1	60	33	54	51	108	-2	14	3.6	3.9	3.7	3.5	1.7	2.6	7.0	6.0	3.7	3.8	3.8	3.7	0.6	0.6	3.2
11/16 12:20	63	78	80	67	114	0	-1	-1	76	64	47	110	84	-1	29	3.4	3.8	3.9	3.8	1.3	2.0	7.5	5.9	3.7	4.2	4.0	4.4	0.5	0.5	3.5
11/16 12:30	61	68	55	50	78	0	-1	-1	98	97	135	181	59	-1	67	4.2	3.6	3.4	3.5	0.9	1.3	8.1	6.1	4.1	4.2	4.6	5.2	0.4	0.4	4.0
11/16 12:40	103	99	94	53	41	0	-1	-1	161	100	110	141	35	-1	119	4.3	4.4	3.9	3.5	0.5	0.7	8.5	6.7	5.0	4.5	4.5	4.7	0.2	0.2	4.5
11/16 12:50	141	91	105	65	7	0	-1	0	84	32	29	10	10	0	68	4.6	3.9	4.4	3.7	0.1	0.1	7.3	5.9	4.0	3.6	3.6	3.2	0.1	0.1	3.9
11/16 13:00	189	187	162	145	0	0	-1	0	140	100	143	105	0	0	96	5.7	5.6	5.3	5.1	0.0	0.0	8.0	6.3	4.5	4.4	5.2	4.2	0.0	0.0	4.0
11/16 13:10	513	304	628	457	0	0	-1	0	207	249	243	190	0	0	156	6.9	7.1	7.4	7.2	0.0	0.0	10.0	8.1	5.6	6.2	6.4	5.2	0.0	0.0	5.0
11/16 13:20	584	709	785	412	0	0	-1	-3	309	347	310	238	0	0	295	7.0	7.8	8.1	7.1	0.0	0.0	11.1	7.9	6.6	6.9	6.9	5.7	0.0	0.0	6.4
11/16 13:30	969	832	694	626	0	0	-1	127	537	490	498	541	0	0	420	9.4	8.8	8.0	8.7	0.0	0.0	11.6	9.7	7.9	7.6	8.0	7.9	0.0	0.0	7.5
11/16 13:40	999	853	843	797	0	0	-1	234	376	318	555	655	-1	0	429	10.1	9.1	9.0	9.2	0.0	0.0	13.7	8.8	7.2	7.1	8.7	8.6	0.9	0.0	7.9
11/16 13:50	1,131	1,128	1,074	826	0	0	0	-4	456	358	484	522	-26	-5	595	10.9	10.6	10.9	9.8	0.0	0.0	13.6	9.7	7.9	7.4	8.2	8.3	9.2	2.5	8.4
11/16 14:00	1,134	1,054	981	946	0	0	0	-2	536	436	547	612	226	-17	588	11.1	10.3	10.7	10.7	0.0	0.0	15.1	9.2	7.9	8.0	8.6	8.6	9.1	11.7	8.6
11/16 14:10	909	763	950	893	0	0	0	26	332	388	522	676	239	52	437	9.7	9.3	10.6	10.8	0.0	0.0	14.8	7.7	7.2	7.5	8.6	8.7	8.2	8.3	8.1
11/16 14:20	912	890	852	721	0	0	0	293	556	498	361	416	190	157	548	10.5	10.6	10.2	10.3	0.0	0.0	14.6	9.6	8.3	8.4	7.9	8.0	7.9	8.1	8.7
11/16 14:30	862	953	1,003	817	-4	0	0	205	318	419	539	419	207	262	478	10.3	11.4	11.9	10.7	3.1	0.0	13.8	9.3	7.2	8.2	9.4	8.2	9.0	9.7	8.7
11/16 14:40	1,017	1,022	1,147	945	730	-19	0	-4	485	655	617	697	-21	253	521	11.5	12.2	12.3	11.8	12.8	8.4	15.0	10.4	8.2	9.4	9.6	9.5	8.1	9.7	8.8
11/16 14:50	1,047	1,019	1,129	1,053	1,102	212	0	-2	671	811	937	720	-20	257	574	11.9	12.1	12.4	12.4	13.6	14.7	12.9	11.4	9.3	10.4	11.3	9.9	9.0	9.6	9.3
11/16 15:00	1,112	1,089	1,169	1,062	1,142	853	-2	-2	934	800	964	879	-19	343	542	12.1	13.7	13.0	12.7	14.0	12.8	17.7	11.3	10.6	10.6	11.4	10.7	9.2	11.2	9.3
11/16 15:10	1,203	930	1,005	950	1,180	1,103	-6	-2	901	805	768	694	-19	307	475	13.0	13.1	12.2	12.6	14.2	13.9	17.6	11.3	10.6	10.5	10.3	9.6	9.2	10.8	9.0
11/16 15:20	1,248	1,072	1,060	1,036	1,158	1,077	-9	-2	591	599	698	868	-19	232	611	13.9	14.2	12.5	13.2	14.4	13.4	17.4	11.9	9.8	10.7	10.9	10.6	9.0	10.6	10.0
11/16 15:30	909	912	1,098	766	910	931	-13	-2	593	721	583	718	-19	120	712	11.6	13.0	12.7	12.1	12.7	12.3	17.3	10.0	10.0	11.3	10.7	10.4	8.4	10.3	10.5
11/16 15:40	956	791	973	896	1,052	942	-16	-2	661	779	849	762	-19	-18	759	12.0	12.2	12.3	12.7	13.6	12.4	17.1	11.6	11.0	11.6	12.3	10.9	8.9	10.2	10.8
11/16 15:50	1,090	984	1,084	1,000	383	1,147	-20	-2	894	684	884	781	-20	-14	827	12.8	13.4	13.8	13.2	15.0	13.8	17.0	11.8	11.7	11.2	12.9	10.9	9.6	9.9	11.6
11/16 16:00	945	1,048	1,179	1,107	1,259	580	-23	-2	1,132	1,002	888	820	-20	-15	505	11.8	13.5	13.7	13.4	15.2	14.6	16.8	12.5	13.0	13.1	12.9	11.4	9.7	10.4	11.0
11/16 16:10	1,140	1,183	1,380	1,273	1,322	1,089	-26	-2	1,593	1,507	1,448	1,424	-19	-15	1,224	12.8	14.3	14.9	14.6	16.5	13.7	16.7	15.0	15.2	15.5	16.3	13.5	12.4	11.9	13.4
11/16 16:20	1,454	1,499	1,641	1,523	1,522	1,682	-30	-2	1,736	1,495	1,608	1,606	-20	-15	1,558	15.2	16.2	17.1	16.9	18.4	17.3	16.5	16.4	17.0	17.1	18.0	15.0	13.6	14.0	14.8
11/16 16:30	1,662	1,653	1,813	1,690	1,664	1,811	674	-2	1,667	1,497	1,686	1,615	-20	-14	1,758	16.2	18.2	19.0	18.3	20.1	18.6	17.1	18.6	18.2	19.0	18.0	17.7	15.2	14.5	17.4
11/16 16:40	1,788	1,730	1,867	1,852	1,802	1,685	1,673	-2	1,644	1,682	1,714	1,725	-20	-14	1,704	19.2	19.7	19.9	21.0	22.2	19.8	19.1	19.3	19.7	19.8	20.0	19.3	15.2	16.5	19.1
11/16 16:50	1,861	1,864	1,125	1,970	1,862	868	1,839	-2	1,661	1,714	1,566	1,729	-21	-15	1,665	20.2	21.4	21.2	23.2	26.0	20.5	20.5	22.0	20.1	20.9	21.9	21.3	17.2	17.5	21.1
11/16 17:00	1,998	1,947	551	1,970	1,804	1,996	1,962	-2	1,767	1,664	1,616	1,721	-21	-15	1,642	23.0	21.8	23.1	24.4	26.2	23.3	23.0	23.1	21.1	22.6	23.2	20.4	17.9	18.4	22.0
11/16 17:10	1,880	1,744	1,564	630	1,845	1,950	896	-2	1,652	1,626	1,524	1,672	-21	-15	1,662	21.9	21.9	24.4	22.4	24.9	23.7	23.6	21.4	21.3	22.6	23.9	22.2	18.4	18.1	22.6
11/16 17:20	1,816	832	1,905	1,047	1,716	1,977	1,646	-2	1,644	1,594	465	1,664	-21	-16	1,740	21.5	21.8	22.7	23.4	26.3	23.2	23.7	21.7	21.8	23.2	22.2	22.9	17		

11/16 18:30	1,850	1,824	1,814	-1	1,666	1,898	1,804	-2	1,721	1,595	1,565	1,728	-19	-16	1,767	22.8	16.4	24.3	22.3	25.4	24.3	25.4	21.6	19.2	21.9	20.7	20.4	17.1	17.2	19.9
11/16 18:40	1,770	1,811	1,710	-1	1,687	1,824	1,865	-2	1,559	1,671	1,478	1,729	-19	-15	1,681	22.4	18.1	22.4	20.5	25.6	22.2	23.6	21.1	19.4	19.3	18.0	19.0	16.2	15.3	18.8
11/16 18:50	1,630	1,636	1,632	-1	1,482	1,785	1,833	-2	1,652	1,489	1,472	1,638	-19	-15	1,649	20.5	15.6	21.2	18.8	21.5	21.5	23.3	18.5	16.6	18.9	18.3	17.2	14.5	14.5	16.8
11/16 19:00	1,520	1,571	1,661	-1	1,443	1,811	1,867	-2	1,659	1,453	1,560	1,712	-19	-15	1,704	19.7	13.7	22.3	18.0	21.0	21.9	22.8	19.3	17.2	18.2	17.8	17.1	14.5	15.4	17.8
11/16 19:10	1,530	1,644	1,823	-1	1,664	1,767	1,548	-2	1,680	1,513	1,530	1,719	-20	-15	1,663	18.9	14.6	23.0	21.6	22.7	20.7	23.5	19.5	17.9	19.9	18.2	19.4	15.3	15.6	17.6
11/16 19:20	1,688	1,720	1,810	-1	1,718	1,949	883	-2	1,614	1,534	1,456	1,565	-20	-15	1,749	20.9	14.3	23.5	21.7	23.5	22.9	24.0	20.6	19.8	19.5	19.4	18.1	16.2	16.4	18.8
11/16 19:30	1,745	1,691	1,879	-1	1,874	1,923	1,788	-2	1,581	1,586	1,646	1,626	-20	-14	1,720	21.2	14.5	23.3	20.7	25.2	23.1	22.3	19.2	20.0	20.3	19.9	20.2	15.8	16.1	18.6
11/16 19:40	1,920	1,752	1,875	-1	1,776	1,944	1,701	-2	1,695	1,352	1,592	1,690	-19	-16	1,786	22.7	14.4	23.3	21.2	23.4	23.7	26.5	20.8	19.2	21.8	20.7	19.1	16.8	17.2	19.8
11/16 19:50	1,901	1,808	1,851	-2	1,852	1,964	1,866	-2	1,701	1,648	1,587	1,614	-19	-15	1,785	22.2	14.1	23.4	18.2	24.3	23.8	25.3	20.9	21.2	19.8	21.6	20.9	16.5	17.1	19.3
11/16 20:00	1,847	1,822	1,921	367	1,803	1,896	1,822	-2	1,653	1,643	1,599	1,820	-20	-15	1,715	22.8	14.3	24.8	23.1	25.2	23.4	23.8	21.8	21.7	21.9	21.7	20.1	16.6	17.8	19.5
11/16 20:10	1,938	1,845	1,821	745	1,837	1,881	1,855	-2	1,707	1,696	1,644	1,748	-20	-14	1,799	22.2	14.1	24.1	23.0	24.8	23.1	24.8	21.3	20.2	21.5	20.1	21.2	16.4	16.3	19.7
11/16 20:20	1,869	1,850	1,830	290	1,737	1,930	1,804	-2	1,739	1,627	1,632	1,658	-20	-15	1,774	21.9	14.1	25.8	23.0	26.8	24.5	25.2	22.7	22.2	20.6	22.1	21.9	17.6	17.8	19.4
11/16 20:30	1,923	1,912	1,765	101	1,091	1,835	1,711	-2	1,758	1,585	1,603	1,762	-20	-15	1,817	23.9	13.9	26.0	22.1	24.1	26.9	27.0	22.8	21.0	22.5	21.8	22.2	18.4	18.6	20.1
11/16 20:40	1,846	2,001	1,823	-12	360	1,845	1,674	-2	1,668	1,665	1,686	1,768	-20	-16	1,719	24.1	14.2	26.5	23.2	23.8	25.5	27.3	23.8	23.4	21.3	22.0	22.4	19.6	20.2	22.9
11/16 20:50	1,843	1,315	621	-10	349	664	859	-2	1,059	1,660	546	1,677	-20	-17	1,240	26.2	15.0	24.9	23.5	24.0	24.5	26.3	24.0	23.0	23.1	23.0	22.4	20.1	20.1	22.3
11/16 21:00	1,929	1,322	1,663	-12	-18	866	1,238	-2	495	151	371	647	-20	-15	-31	24.6	15.9	27.2	25.0	22.4	24.5	27.6	23.8	22.0	24.0	23.8	22.6	19.4	20.9	23.9
11/16 21:10	1,915	767	1,920	-11	-16	1,820	1,630	-2	1,091	312	147	1,510	-19	-15	177	25.0	15.8	24.7	22.5	22.5	26.6	27.3	23.8	22.0	22.6	23.9	22.4	18.9	23.8	22.9
11/16 21:20	1,935	-23	1,854	-12	-16	1,688	1,607	-2	1,615	629	-25	1,636	-18	-14	1,536	25.0	15.7	25.6	21.9	22.7	26.9	26.9	22.1	22.5	22.8	22.8	22.4	19.4	21.8	22.0
11/16 21:30	1,071	-11	572	-13	-14	1,931	1,515	-2	1,609	1,492	131	1,303	-18	-15	1,622	22.4	15.8	25.4	22.3	22.7	25.6	28.0	24.7	21.9	21.2	22.8	23.5	20.5	19.6	20.7
11/16 21:40	228	-16	1,788	-20	-13	845	1,598	-2	1,730	1,581	-22	849	-18	-14	1,629	23.5	15.4	25.6	22.0	23.0	25.8	26.5	21.7	22.2	22.7	22.2	21.1	18.7	20.7	22.6
11/16 21:50	2,004	-17	1,906	-22	-13	1,461	1,548	-2	448	553	995	1,653	-17	-14	-13	24.2	15.4	25.5	21.1	22.2	24.7	26.9	23.4	23.0	23.4	22.7	22.5	18.3	20.4	20.7
11/16 22:00	1,967	-17	1,882	-22	-13	1,863	1,658	-2	1,616	-12	450	1,692	-17	-15	1,321	24.9	14.7	24.6	22.2	22.9	24.5	25.5	21.9	22.3	20.8	22.1	22.6	20.7	20.4	20.8
11/16 22:10	1,956	-17	308	-22	-13	1,899	1,790	-2	1,766	1,490	445	1,624	-19	-14	1,699	22.9	15.0	24.5	21.3	22.2	25.7	25.9	22.0	20.3	23.7	22.7	22.8	19.1	19.2	21.4
11/16 22:20	2,004	-17	-30	-22	-13	1,902	1,707	-2	1,775	1,604	1,494	1,698	-19	-13	1,735	23.6	14.6	21.9	21.3	23.1	24.9	25.6	22.5	20.9	22.5	22.4	22.0	19.2	20.1	21.3
11/16 22:30	1,967	-17	-23	-22	-13	1,772	1,674	-2	1,685	1,673	1,529	1,612	-19	-14	1,717	22.2	15.0	21.8	22.0	21.8	26.5	26.6	20.9	22.2	22.0	22.7	21.8	18.8	20.7	22.0
11/16 22:40	1,945	-17	-21	-22	-14	1,865	1,772	-2	1,704	1,561	677	1,766	-19	-22	1,788	24.4	14.8	23.0	20.5	23.3	24.9	25.2	22.8	22.0	22.8	23.2	20.4	19.2	19.6	20.6
11/16 22:50	1,938	-16	-22	-22	-14	1,909	1,745	-2	1,761	1,573	525	1,698	-19	-28	1,659	22.3	14.1	22.7	20.4	23.5	25.7	25.5	21.2	21.1	22.7	21.9	20.3	19.5	18.2	21.7
11/16 23:00	1,992	-16	-19	-22	-13	1,874	1,760	-2	1,722	1,574	1,385	1,612	-19	-28	1,639	23.7	14.1	22.1	22.2	22.9	23.7	26.2	21.2	20.7	21.1	23.8	22.5	20.1	19.1	22.1
11/16 23:10	1,944	-16	-18	-22	-13	1,919	1,689	-1	1,616	1,597	1,443	1,663	-18	-28	1,731	23.2	14.1	21.6	21.2	24.1	24.1	25.2	22.0	22.0	20.8	23.6	21.5	19.1	19.6	20.0
11/16 23:20	1,959	-16	-19	-21	-13	1,842	1,741	-1	1,579	1,492	321	1,755	-18	-29	1,787	23.1	14.1	21.7	20.4	23.6	25.9	25.6	22.0	21.3	22.7	21.8	19.5	18.7	19.7	21.5
11/16 23:30	1,992	-16	-18	-21	-13	1,844	1,735	-1	1,644	1,496	648	1,765	-18	-28	1,713	24.1	13.8	22.4	21.3	22.7	26.1	26.2	21.3	21.6	22.9	22.2	20.6	19.5	18.8	19.9
11/16 23:40	1,972	-16	-18	-21	-13	1,850	1,730	-1	1,877	1,555	518	1,679	-17	-28	1,734	23.6	14.1	21.8	19.9	22.8	25.4	25.8	21.8	20.4	23.6	22.3	20.2	18.7	20.3	20.5
11/16 23:50	1,919	-16	-17	-21	-13	1,766	1,735	-1	636	1,714	1,443	1,775	-17	-28	1,807	23.1	14.4	22.8	21.0	23.5	25.0	24.4	21.5	21.1	21.5	22.7	21.5	19.3	19.1	20.8
11/17 0:00	1,944	-16	-18	-21	-14	1,882	1,699	-1	1,803	1,676	1,483	1,733	-18	-27	1,776	22.1	13.9	21.7	21.0	22.5	25.2	24.8	20.0	19.5	20.7	22.3	19.2	18.0	18.9	20.0
11/17 0:10	1,954	-16	-19	-21	-13	1,969	1,781	-1	1,804	1,646	1,469	1,795	-18	-28	1,761	22.5	13.0	19.4	20.4	21.9	24.3	23.8	18.9	19.3	20.5	21.8	18.8	17.9	18.7	18.8
11/17 0:20	1,938	-16	-19	-21	-13	1,903	1,752	-1	1,803	1,536	1,395	1,801	-18	-28	1,843	22.4	13.1	20.5	19.2	21.6	23.9	22.8	20.0	18.9	20.4	21.8	19.5	16.6	18.0	19.4
11/17 0:30	1,831	-16	-19	-21	-13	1,875	1,748	-1	1,704	1,694	1,427	1,802	-18	-29	1,698	21.3	13.1	19.5	20.2	20.4	23.4	23.2	20.2	18.7	21.4	21.6	20.0	16.5	17.6	19.7
11/17 0:40	1,911	-16	-19	-21	-13	1,903	1,863	-1	1,724	1,505	1,512	1,741	-19	-29	1,706	22.1	12.1	20.4	20.0	20.8	23.5	24.3	19.7	20.4	21.0	20.8	19.7	18.0	18.3	19.1
11/17 0:50	1,870	-16	-18	-20	-12	1,871	1,814	-1	1,813	1,474	1,381	1,775	-20	-27	1,749	21.8	12.2	20.2	20.8	20.6	23.4	23.7	19.6	19.2	21.9	21.1	19.5	17.8	17.9	20.4
11/17 1:00	1,839	-16	-17	-20	-12	1,847	1,804	-1	1,746	1,647	1,279	1,682	-22	-27	1,652	21.2	12.2	20.8	19.4	21.0	23.7	24.3	20.2	19.8	20.9	21.4	20.9	18.0	19.5	19.4
11/17 1:10	1,794	-15	-18	-20	-11	1,731	1,719	-1	1,445	1,552	1,400	1,773	-28	-28	1,679	20.6	13.6	19.4	20.0	21.2	21.8	22.2	20.5	19.9	20.7	22.0	18.6	17.0	18.7	20.7
11/17 1:20	1,771	-15	-19	-20	-11	1,827	1,758	-1	1,611	1,463	1,509	1,761	-26	-28	1,631	21.1	15.4	20.8	19.8	19.9	23.1	22.3	19.7	20.7	21.0	22.1	19.1	18.1	17.6	20.6
11/17 1:30	1,815	-16	-18	-20	-13	1,786	1,761	-1	1,678	1,548	1,314	1,668	-3	-28	1,588	21.9	12.8	20.0	19.8	20.4	22.3	22.8	19.6	20.4	20.7	21.4	18.1	17.9	18.1	19.8
11/17 1:40	1,838	-17	-18	-20	-12	1,842	1,732	-1																						

11/17 3:20	1,761	-13	-19	-19	-13	1,848	1,842	-1	1,588	1,412	1,438	1,712	-4	-29	1,605	21.1	8.6	20.9	20.9	20.6	23.8	23.9	19.4	21.0	20.5	21.1	18.8	17.5	17.3	21.1
11/17 3:30	1,744	-13	-19	-19	-12	1,816	1,789	-1	1,530	1,380	1,389	1,761	-4	-29	1,518	20.7	7.9	20.7	21.6	21.4	22.9	23.6	20.5	20.5	23.0	21.7	19.3	17.3	18.9	21.6
11/17 3:40	1,904	-13	-19	-19	-13	1,837	1,769	-1	1,601	1,483	1,427	1,717	-4	-29	1,544	21.4	7.1	20.0	20.8	19.9	23.6	22.7	19.5	21.5	21.5	22.1	20.0	18.2	19.2	21.3
11/17 3:50	1,608	-12	-18	-19	-13	1,593	1,520	-1	1,519	1,314	1,337	1,536	-4	-29	1,421	21.0	6.3	19.1	19.5	20.0	20.9	21.0	20.1	20.4	20.9	21.0	19.3	17.0	17.8	20.9
11/17 4:00	1,479	-12	-19	-18	-13	1,509	1,415	-1	1,278	1,029	1,152	1,443	-4	-29	1,235	19.0	6.0	19.0	18.5	19.1	21.2	20.6	18.7	19.8	19.6	21.1	18.4	17.0	17.0	20.1
11/17 4:10	1,283	-12	-18	-18	-13	1,319	1,198	-1	1,133	832	802	1,037	-4	-29	847	17.1	5.8	18.8	18.3	18.6	20.3	19.6	18.8	18.1	20.0	20.1	17.2	17.1	16.8	19.1
11/17 4:20	1,294	-12	-18	-18	-13	1,155	1,075	-1	831	670	589	838	-4	-29	534	18.5	5.3	17.2	18.8	18.7	18.9	18.9	17.4	17.2	19.1	18.3	17.7	17.2	17.1	16.6
11/17 4:30	1,275	-11	-19	-18	-12	1,107	1,034	-1	604	518	518	736	-5	-29	483	18.7	5.2	17.2	18.1	18.0	19.4	18.9	17.6	17.7	17.9	18.3	17.5	15.3	16.7	17.4
11/17 4:40	1,161	-11	-19	-18	-12	1,172	504	-1	636	469	470	553	-5	-29	430	17.2	5.3	17.6	17.9	17.2	20.3	18.3	16.8	18.2	18.2	18.1	17.0	16.4	16.2	17.0
11/17 4:50	1,142	-11	-18	-18	-13	1,078	844	-1	505	169	433	509	-5	-28	428	17.8	6.3	17.5	17.9	18.1	19.9	18.8	16.2	17.2	17.9	17.9	16.4	16.3	16.0	17.0
11/17 5:00	1,105	-11	-18	-18	-13	331	964	-1	447	491	430	484	-5	-28	474	17.6	4.6	18.2	17.5	17.2	18.3	19.3	17.4	16.7	19.2	18.1	17.5	15.4	16.1	17.9
11/17 5:10	990	-10	-18	-18	-13	1,016	766	-1	448	435	437	452	-5	-28	420	16.9	4.8	16.4	17.3	18.2	20.3	18.2	17.7	17.0	18.6	18.8	17.1	15.4	15.6	17.7
11/17 5:20	961	-10	-18	-18	-13	821	825	-1	410	407	402	366	-5	-28	324	17.6	4.3	17.1	17.3	18.2	19.0	19.6	17.5	17.0	18.4	19.0	17.2	15.9	15.7	16.8
11/17 5:30	803	-9	-18	-18	-13	820	187	-1	172	419	439	-20	-5	-28	402	16.4	5.0	17.2	17.7	17.4	19.6	16.9	18.1	17.3	19.2	19.3	15.2	16.2	15.6	18.7
11/17 5:40	798	-6	-18	-17	-14	653	-21	-1	389	189	223	-21	-5	-28	137	16.7	4.1	16.0	16.4	17.6	17.9	16.8	17.5	18.2	17.1	17.4	14.7	15.1	15.4	16.1
11/17 5:50	776	-13	-18	-17	-13	212	-20	-1	356	-20	-24	-21	-5	-28	-19	16.8	4.0	16.5	15.8	17.8	16.1	14.2	16.4	17.4	15.2	15.9	14.4	15.4	15.3	13.8
11/17 6:00	744	-11	-18	-17	-13	-20	-19	-1	221	-18	-20	-21	-5	-28	-17	16.7	4.0	15.9	15.8	17.6	15.0	14.6	16.9	16.2	15.3	14.1	13.8	15.1	15.0	14.3
11/17 6:10	712	-4	-18	-17	-12	-18	-18	-1	-9	-18	-20	-21	-5	-28	-16	16.5	10.1	15.5	16.5	17.1	13.6	15.1	16.8	14.3	15.7	13.2	14.2	14.4	15.0	13.4
11/17 6:20	629	-9	-17	-17	-12	-19	-18	-1	-8	-19	-20	-20	-5	-28	-17	15.4	9.7	16.9	16.4	15.5	15.0	15.0	15.5	14.4	15.2	14.3	13.6	15.0	14.5	14.5
11/17 6:30	535	-13	-17	-17	-12	-17	-19	-1	-8	-18	-21	-20	-5	-28	-16	14.5	9.3	15.9	17.3	15.5	13.6	15.8	16.4	14.2	14.1	14.4	13.5	15.1	15.8	15.4
11/17 6:40	530	-13	-17	-17	-13	-18	-19	-1	-7	-18	-20	-21	-5	-28	-16	14.3	8.8	15.9	16.6	15.9	12.4	13.5	16.2	13.9	14.6	14.1	13.1	15.0	15.2	13.9
11/17 6:50	540	-13	-17	-17	-13	-18	-19	-1	-7	-18	-20	-21	-5	-28	-15	14.5	7.8	15.5	15.9	14.9	14.4	13.7	15.7	14.8	15.3	13.7	14.0	15.2	15.8	12.7
11/17 7:00	402	-14	-17	-17	-13	-17	-19	-1	-5	-18	-20	-20	-5	-28	-14	13.1	7.8	14.2	14.6	15.4	13.8	13.6	16.0	13.8	14.4	13.9	14.0	14.4	14.8	12.6
11/17 7:10	316	-14	-17	-16	-13	-17	-18	-1	-5	-18	-21	-21	-5	-28	-14	12.1	7.6	13.3	13.8	14.4	13.9	12.4	15.2	13.2	13.3	13.7	13.2	12.7	14.6	13.5
11/17 7:20	303	-14	-17	-13	-13	-18	-15	-1	-5	-18	-20	-20	-6	-28	-14	11.8	6.7	14.7	13.6	13.6	13.2	12.0	15.4	12.7	13.3	13.4	12.5	13.1	12.7	12.1
11/17 7:30	217	-14	-17	-12	-13	-18	-15	0	-5	-19	-19	-20	-6	-28	-14	12.4	12.9	13.4	13.3	13.7	14.2	12.3	14.8	13.5	13.4	13.8	12.3	14.2	12.8	12.5
11/17 7:40	-21	-14	-17	-11	-13	-18	-15	0	-5	-16	-20	-21	-6	-28	-15	10.5	14.5	12.8	13.8	13.8	13.9	12.8	14.5	12.6	13.3	13.0	12.6	14.6	13.0	12.7
11/17 7:50	-19	-14	-17	-11	-13	-17	-15	0	-5	-15	-20	-21	-6	-28	-14	10.6	12.1	13.0	13.8	14.2	12.6	12.7	15.0	12.8	12.8	13.0	12.4	13.0	13.6	11.6
11/17 8:00	-19	-14	-17	-10	-14	-16	-15	0	-6	-16	-20	-20	-6	-28	-15	10.1	12.6	13.4	14.2	15.6	13.3	11.4	14.9	12.9	13.5	13.7	11.6	13.7	14.5	12.2
11/17 8:10	-19	-14	-17	-10	-13	-15	-15	0	-6	-16	-21	-20	-6	-28	-14	12.7	12.6	13.8	13.4	15.4	14.3	12.6	15.2	13.0	13.7	13.8	12.6	14.0	13.5	13.9
11/17 8:20	-19	-15	-17	-9	-12	-15	-15	0	-6	-15	-21	-20	-6	-28	-14	11.1	13.2	14.1	14.3	14.2	15.4	14.5	15.0	12.7	13.2	13.6	12.9	13.8	14.3	13.2
11/17 8:30	-18	-15	-17	-9	-11	-14	-15	0	-6	-15	-21	-20	-6	-28	-14	11.5	14.2	13.9	14.9	15.2	13.6	14.5	14.7	12.3	14.2	12.7	12.6	13.6	13.8	11.7
11/17 8:40	-16	-15	-17	-8	-10	-16	-16	0	-5	-15	-21	-17	-6	-27	-14	11.3	13.9	14.8	15.6	16.4	14.1	13.2	15.1	13.2	13.6	13.5	12.0	14.3	14.5	12.4
11/17 8:50	-16	-15	-17	-8	-10	-15	-15	0	-6	-15	-20	-17	-6	-27	-15	12.2	13.2	14.2	14.1	15.4	13.8	13.9	15.6	12.0	14.0	14.7	12.6	14.2	13.9	13.3
11/17 9:00	-15	-15	-17	-7	-9	-14	-16	0	-6	-15	-20	-17	-6	-27	-15	10.8	13.2	13.3	14.0	13.8	12.1	13.8	15.1	13.4	14.9	13.9	13.7	14.4	13.3	12.8
11/17 9:10	-16	-15	-17	-7	-8	-15	-16	0	-5	-16	-19	-18	-6	-27	-14	12.5	14.0	14.6	13.9	14.2	12.4	13.7	17.3	14.6	15.0	14.0	12.5	14.7	14.7	13.7
11/17 9:20	-16	-15	-17	-6	-8	-15	-15	0	-6	-16	-20	-17	-6	-27	-15	11.4	15.2	14.4	15.2	15.4	12.2	11.7	17.0	14.4	14.4	14.0	13.5	14.1	14.0	13.3
11/17 9:30	-16	-15	-17	-6	-7	-14	-16	0	-6	-16	-20	-17	-6	-28	-15	11.8	14.3	13.8	14.2	15.6	15.0	14.4	17.0	15.1	14.7	13.8	13.6	13.9	13.6	12.5
11/17 9:40	-16	-15	-17	-5	-7	-15	-15	0	-6	-16	-20	-17	-6	-28	-14	12.2	13.4	14.7	15.1	15.2	13.7	13.0	15.1	13.3	14.0	13.1	12.4	14.1	14.2	12.2
11/17 9:50	-15	-16	-17	-5	-6	-15	-14	0	-6	-15	-21	-18	-6	-28	-14	11.7	14.1	14.0	14.5	13.6	12.2	14.1	14.2	13.1	13.6	12.8	12.8	13.7	14.6	13.2
11/17 10:00	-15	-16	-17	-4	-5	-15	-15	0	-6	-16	-20	-17	-6	-28	-14	11.6	13.6	14.1	13.1	14.3	12.3	12.2	15.7	13.0	13.9	14.4	13.6	13.9	13.9	12.2
11/17 10:10	-16	-16	-16	-4	-5	-15	-15	0	-6	-16	-21	-17	-7	-29	-15	11.9	13.7	13.7	13.6	15.1	12.1	10.9	15.1	12.7	14.7	14.9	13.0	13.8	14.7	13.9
11/17 10:20	-15	-16	-16	-3	-4	-15	-15	0	-5	-16	-19	-18	-7	-29	-14	12.0	11.7	13.7	13.2	14.3	13.8	13.3	14.8	13.5	13.9	14.7	13.3	13.8	13.9	13.1
11/17 10:30	-15	-16	-16	-3	-3	-15	-15	0	-5	-16	-19	-17	-7	-28	-14	11.3	12.8	12.7	14.5	13.5	13.4	12.2	15.1	13.9	14.6	15.2	13.9	14.0	14.7	14.1
11/17 10:40	-16	-16	-16	-2	-3	-14	-15	0	-5	-16	-20	-18	-7	-28	-14	10.6	12.7	14.8	13.3	14.2	11.7	11.1	16.3	14.2	14.8	14.0	13.0	14.7	15.4	15.4
11/17 10:50	-15	-16	-16	-2	-2	-15	-15	0	-4	-16	-20	-18	-7	-28	-15	11.0	13.0	14.7	15.8	14.5	10.2	13.0	16.5	12.8	14.3	15.6	12.7	14.5	14.8	15.1
11/17 11:00	-16	-16	-16	-1	-2	-15	-15	0	-5	-16	-20	-18	-7	-29	-15	10.5	12.3	14.1	14.0	14.5	12.4	12.3	15.4	14.3	14.7	15.1	14.7	14.2	14.5	14.4
11/17 11:10	-15	-17	-16	-1	-1	-15	-15																							

11/17 12:10	244	69	-4	-6	-13	0	-15	61	26	-16	30	119	-8	5	-10	12.2	11.1	12.2	11.5	13.4	14.1	12.2	15.4	13.7	14.8	14.6	15.6	13.7	12.8	14.3
11/17 12:20	206	-17	-5	-5	-13	0	-14	6	-6	-15	41	16	-1	-15	-18	11.1	9.9	10.3	11.2	12.4	13.3	10.4	13.5	11.6	12.5	14.3	13.0	13.5	12.1	12.5
11/17 12:30	208	-15	-5	-6	-14	0	-14	8	-4	-16	9	-16	2	-14	-9	11.6	10.3	11.0	11.0	11.7	14.2	11.3	12.8	11.9	10.3	14.3	12.2	12.6	11.4	12.9
11/17 12:40	1	-15	-4	-7	-14	0	-14	-4	-4	-16	-7	6	-2	-14	-14	12.6	10.3	9.6	11.4	12.9	11.5	10.0	12.6	12.1	10.5	14.5	11.6	12.4	12.0	12.5
11/17 12:50	-1	-15	-5	-6	-14	0	-14	-9	-5	-16	18	-1	0	-14	-9	9.0	9.7	11.7	11.8	11.4	12.0	10.5	12.1	11.1	11.4	14.3	11.9	12.6	12.0	12.9
11/17 13:00	-1	-14	-6	-6	-14	0	-14	-4	-5	-16	19	31	1	-15	-11	9.1	8.8	10.4	11.8	10.8	10.1	11.2	13.8	10.8	11.9	14.9	11.9	12.1	10.5	12.8
11/17 13:10	-1	-15	-5	-5	-14	-1	-15	-10	-5	-14	-12	-4	-7	-15	-11	10.2	9.2	9.3	8.7	11.2	11.8	9.5	11.1	10.6	11.3	13.6	11.3	11.6	10.5	11.0
11/17 13:20	-1	-15	-4	-7	-15	-1	-14	-6	-6	-15	-13	-3	-6	-14	-15	9.2	8.5	10.1	9.1	9.8	12.2	10.8	11.2	9.9	11.1	12.9	11.7	9.7	10.7	9.5
11/17 13:30	-2	-15	-5	-6	-14	-1	-14	-7	-6	-15	-20	15	-4	-14	-15	9.9	9.6	10.0	10.2	10.4	10.3	9.6	9.6	10.1	11.0	11.7	11.5	9.2	10.3	9.5
11/17 13:40	-2	-15	-4	-6	-15	-1	-14	-7	-5	-15	-20	-4	-4	-14	-15	8.6	8.6	9.6	10.4	11.3	11.4	8.0	10.4	10.8	9.8	10.1	11.5	8.8	10.5	9.5
11/17 13:50	-2	-14	-4	-6	-16	-1	-14	-6	-5	-15	-20	12	-4	-15	-14	8.9	8.9	10.4	8.6	9.5	11.0	10.4	9.6	9.3	11.1	11.3	10.6	10.3	10.4	8.9
11/17 14:00	-2	-14	-4	-6	-14	-1	-14	-4	-5	-15	-20	-16	-5	-15	-14	11.7	10.3	9.8	11.4	12.4	12.9	10.9	11.5	10.0	11.2	11.2	10.8	10.8	11.2	9.0
11/17 14:10	-2	-15	-5	-6	-14	-1	-14	-3	-4	-15	-20	-16	-5	-15	-14	11.0	9.3	9.8	10.2	12.3	11.1	9.6	12.7	11.0	11.0	11.5	10.5	10.9	12.0	10.4
11/17 14:20	-2	-15	-5	-6	-15	-1	-14	-3	-4	-15	-21	-17	-5	-15	-14	11.0	11.3	11.6	11.1	11.0	11.8	8.6	12.5	10.8	12.1	12.5	11.4	11.7	12.6	10.1
11/17 14:30	-2	-15	-4	-6	-15	-1	-14	-3	-4	-15	-21	-17	-5	-15	-14	10.5	11.3	10.9	9.1	10.9	10.8	8.4	14.1	12.9	14.4	14.2	12.3	13.5	12.7	12.2
11/17 14:40	-2	-15	-5	-7	-15	-1	-15	-3	-4	-15	-21	-17	-5	-15	-15	10.1	9.6	10.8	10.9	9.9	13.0	11.2	13.1	11.7	13.3	14.7	12.2	12.9	11.8	12.9
11/17 14:50	-2	-14	-5	-6	-16	-1	-14	-3	-5	-15	-20	-17	-5	-15	-15	11.2	9.1	12.2	13.7	12.5	11.7	12.9	14.4	12.8	13.2	12.8	11.8	12.6	12.5	11.0
11/17 15:00	-2	-15	-5	-6	-15	-1	-15	-3	-4	-14	-19	-17	-5	-14	-15	10.5	9.9	12.1	11.1	12.3	12.9	11.4	13.7	12.2	13.0	12.5	11.8	11.9	11.7	11.8
11/17 15:10	-2	-15	-5	-6	-14	-1	-14	-3	-5	-14	-19	-17	-5	-24	-16	11.0	10.6	12.1	12.2	12.6	12.3	11.2	13.3	12.7	13.9	13.9	11.2	12.1	11.7	10.4
11/17 15:20	-2	-16	-5	-6	-14	-1	-14	-3	-5	-14	-20	-18	-5	-29	-16	11.0	9.3	10.4	10.7	11.4	11.6	11.7	14.4	13.6	12.7	15.1	12.8	12.2	13.0	13.8
11/17 15:30	-2	-14	-4	-6	-14	-1	-14	-3	-5	-15	-20	-17	-3	-29	-15	11.5	11.2	10.3	10.9	11.5	11.9	10.6	14.7	14.1	12.2	14.6	13.8	13.1	11.9	11.6
11/17 15:40	-2	-15	-5	-6	-15	-1	-15	-3	-5	-15	-20	-16	-4	-29	-16	10.9	10.2	11.2	11.9	11.7	12.2	12.7	15.7	13.5	13.7	13.3	13.2	13.6	11.7	13.9
11/17 15:50	-1	-15	-5	-11	-15	-1	-14	-3	-5	-15	-20	-17	-4	-29	-16	10.6	10.8	13.6	12.4	11.5	12.0	12.9	15.0	12.8	13.2	13.3	13.4	12.8	12.3	12.6
11/17 16:00	-1	-15	-5	-16	-14	-1	-14	-3	-4	-15	-20	-17	-4	-30	-18	11.8	13.1	13.4	11.9	11.9	14.8	12.1	16.0	13.4	14.5	14.2	13.2	13.5	13.6	13.5
11/17 16:10	-1	-15	-5	-16	-15	-1	-15	-3	-4	-15	-20	-17	-4	-30	-15	10.8	11.0	12.6	13.3	11.9	12.6	12.4	15.6	13.1	14.8	16.3	12.4	14.0	13.9	13.6
11/17 16:20	-1	-15	-4	-16	-13	-1	-15	-2	-4	-15	-20	-17	-4	-30	-15	11.1	9.9	12.1	11.7	13.2	13.3	11.4	14.8	13.4	14.1	15.2	12.6	12.5	14.0	13.8
11/17 16:30	-1	-15	-5	-15	-13	-1	-15	-2	-4	-14	-20	-18	-4	-30	-16	12.0	13.5	13.9	13.8	14.9	12.7	10.5	14.8	13.7	14.8	15.9	13.3	14.8	14.0	15.5
11/17 16:40	-1	-15	-16	-16	-14	-1	-15	-2	-4	-14	-20	-18	-5	-30	-15	11.1	11.6	13.6	13.4	13.6	15.4	13.3	16.7	14.9	15.0	16.1	16.4	14.5	16.0	13.8
11/17 16:50	-1	-15	-20	-21	-14	-1	-14	-2	-4	-15	-19	-16	-5	-32	-14	12.1	12.4	11.5	14.0	13.2	13.2	11.1	16.5	14.3	15.8	15.1	15.5	13.9	14.8	14.3
11/17 17:00	-1	-15	-20	-26	-14	-1	-14	-2	-4	-14	-18	-16	-5	-31	-14	12.5	13.7	13.7	14.1	14.2	15.4	12.8	16.7	15.2	15.7	17.6	15.7	14.1	14.8	15.9
11/17 17:10	-1	-15	-19	-25	-14	-1	-14	-2	-4	-15	-18	-15	-5	-31	-14	13.7	13.6	14.4	13.6	15.6	14.4	13.5	17.0	14.7	15.4	18.2	16.6	15.3	15.1	16.8
11/17 17:20	-1	-15	-20	-26	-14	-2	-15	-2	-4	-14	-18	-17	-6	-31	-14	13.5	11.9	13.7	15.4	14.7	14.8	13.3	18.9	15.8	14.2	16.8	16.4	15.2	14.4	15.7
11/17 17:30	-1	-16	-20	-26	-15	-2	-14	-2	-5	-15	-19	-17	-5	-31	-14	12.4	12.6	14.9	14.5	15.0	14.0	14.6	18.1	15.7	16.8	17.0	17.6	14.6	16.4	16.9
11/17 17:40	-1	-16	-19	-26	-15	-2	-14	-2	-5	-15	-18	-6	-4	-31	-15	14.3	14.4	16.3	15.5	13.9	15.3	13.5	19.1	16.0	16.6	19.3	18.0	17.1	17.0	16.9
11/17 17:50	-1	-16	-18	-26	-14	-2	-15	-2	-5	-16	-19	-1	-3	-31	-15	15.0	13.6	16.2	17.5	15.7	16.3	15.6	19.8	16.7	16.9	18.0	20.3	15.9	18.6	17.5
11/17 18:00	-1	-15	-19	-26	-14	-2	-15	-2	-5	-16	-19	-1	-1	-31	-15	17.7	15.5	16.7	18.9	18.4	17.3	15.8	19.8	16.4	16.7	18.0	18.4	17.2	16.5	17.2
11/17 18:10	-1	-15	-19	-26	-15	-2	-15	-2	-4	-15	-18	-1	-1	-31	-15	16.9	16.4	16.8	18.3	19.3	17.0	18.3	19.8	16.1	17.0	17.6	18.5	17.9	16.6	17.1
11/17 18:20	-1	-16	-19	-26	-15	-2	-15	-2	-3	-14	-19	-1	-1	-30	-15	15.4	17.6	16.9	17.9	15.8	17.8	16.9	18.8	16.0	16.2	16.9	17.0	17.6	15.4	16.1
11/17 18:30	-1	-15	-20	-26	-14	-2	-14	-2	-3	-14	-19	-1	-1	-31	-15	15.3	15.8	16.2	17.9	16.6	17.4	17.9	16.9	15.7	15.6	15.9	16.7	16.8	15.4	16.2
11/17 18:40	-2	-15	-19	-26	-14	-2	-15	-2	-4	-15	-19	-1	-1	-31	-15	17.8	14.5	16.5	17.3	17.1	16.8	17.9	17.2	15.7	15.8	17.2	15.8	15.8	16.1	15.6
11/17 18:50	-2	-15	-19	-26	-13	-2	-15	-2	-4	-15	-19	-1	-1	-31	-15	17.7	15.7	16.5	16.8	16.4	17.5	16.9	16.8	15.5	15.3	15.0	17.6	15.9	15.9	15.2
11/17 19:00	-2	-14	-19	-26	-14	-2	-15	-2	-4	-15	-19	-1	-1	-31	-14	16.5	15.1	16.3	17.3	17.3	16.9	15.7	16.6	14.9	15.5	15.7	16.9	15.8	15.1	15.2
11/17 19:10	-2	-15	-19	-26	-12	-2	-15	-2	-4	-15	-20	-1	-1	-30	-14	15.6	16.1	15.9	16.4	17.6	15.7	16.1	16.5	14.2	15.3	15.4	16.8	15.9	14.3	15.2
11/17 19:20	-2	-15	-19	-26	-13	-2	-15	-2	-6	-16	-20	-1	-1	-30	-14	16.4	15.1	15.1	15.1	16.6	16.3	16.1	17.3	15.1	14.5	15.3	17.4	15.7	15.5	16.5
11/17 19:30	-2	-15	-20	-26	-13	-2	-15	-2	-9	-16	-20	-1	-1	-31	-13	16.2	14.6	15.7	15.1	15.6	16.0	15.5	16.0	14.4	15.3	15.0	16.7	15.0	14.3	15.9
11/17 19:40	-2	-15	-19	-26	-14	-2	-15	-2	-9	-16	-19	-1	-1	-31	-14	15.2	13.7	14.5	16.2	15.5	15.4	14.7	16.1	14.2	15.3	14.5	15.8	15.0	13.8	14.5
11/17 19:50	-2	-15	-19	-26	-14	-2	-15	-2	-9	-15	-18	-2	-1	-31	-14	13.6	15.4	14.0	14.8	14.1	15.3	13.9	14.7	13.5	13.9	14.2	15.2	14.4	13.4	14.0
11/17 20:00	-2	-15	-20	-26	-14	-2	-14	-2	-9	-16	-18	-2	-1	-31	-14	12.9	13.5	14.0	16.2	15.6	15.1	13.5	15.8	13.7	13.4	14.0	14.3	14.3	13.1	13.4
11/17 20:10	-2	-15	-19	-26	-13	-2	-15	-2	-9	-15	-19	-2	-1	-30	-14	13.2	14.7	14.0	13.9	14.6	12.8	13.2	1							

11/17 21:00	-2	-15	-19	-26	-22	-2	-13	-2	-9	-16	-18	-2	-1	-30	-14	12.6	13.2	12.6	13.6	13.4	13.2	12.0	13.3	12.3	11.6	13.4	13.6	12.4	12.1	11.9
11/17 21:10	-2	-13	-19	-26	-28	-2	-14	-2	-9	-15	-19	-2	-1	-30	-15	11.9	11.6	13.0	12.2	13.0	13.9	11.9	14.1	12.7	12.5	13.7	13.6	13.0	11.6	12.4
11/17 21:20	-2	-14	-19	-26	-29	-1	-14	-2	-9	-16	-19	-2	-1	-30	-15	12.7	12.3	12.7	13.3	12.9	12.8	12.1	13.9	10.8	12.0	12.2	12.2	12.4	11.9	13.4
11/17 21:30	-2	-14	-19	-26	-29	-1	-14	-2	-9	-16	-18	-2	-1	-30	-15	11.9	11.9	11.7	13.5	12.9	13.5	13.6	13.6	11.0	11.6	13.2	13.1	12.6	12.7	12.4
11/17 21:40	-2	-14	-20	-26	-29	-1	-15	-2	-10	-16	-19	-2	-1	-29	-16	12.7	10.6	12.6	12.7	12.9	11.8	12.9	13.1	11.4	12.5	12.4	12.9	12.0	11.7	12.3
11/17 21:50	-2	-14	-20	-25	-29	-1	-15	-2	-10	-17	-19	-2	-1	-30	-15	11.4	9.8	11.2	11.7	12.3	11.5	11.3	13.2	12.1	11.9	11.6	12.2	11.3	10.6	11.0
11/17 22:00	-2	-15	-20	-26	-29	-1	-14	-2	-10	-17	-18	-2	-1	-30	-15	11.1	11.2	11.9	12.1	12.3	12.2	11.6	13.7	11.7	12.0	12.2	12.8	12.0	11.4	11.2
11/17 22:10	-2	-15	-20	-25	-30	-1	-14	-2	-11	-16	-19	-2	-1	-30	-15	10.7	11.2	11.4	11.2	11.2	10.9	11.4	12.4	11.8	11.4	10.2	12.1	11.2	11.2	10.7
11/17 22:20	-1	-14	-21	-26	-30	-1	-14	-2	-11	-17	-19	-2	-1	-30	-15	9.9	10.0	9.8	11.7	11.4	10.0	9.9	11.9	11.0	10.3	11.6	11.5	12.1	10.4	9.9
11/17 22:30	-1	-14	-20	-26	-30	-1	-14	-2	-10	-16	-20	-2	-2	-31	-15	9.6	10.7	10.1	10.5	12.1	9.6	10.6	12.6	10.4	11.9	11.9	12.4	11.1	10.1	10.3
11/17 22:40	-1	-14	-19	-26	-30	-1	-14	-2	-10	-16	-20	-2	-2	-30	-15	9.7	8.8	11.3	10.1	10.5	9.8	9.7	13.7	11.1	10.9	11.8	12.2	11.6	10.8	10.1
11/17 22:50	-1	-15	-20	-26	-29	-1	-14	-2	-9	-15	-21	-2	-2	-31	-15	8.9	10.6	11.6	10.1	10.7	9.7	9.8	13.3	11.1	11.7	12.2	12.4	12.3	11.2	10.9
11/17 23:00	-1	-15	-20	-26	-29	-1	-15	-2	-9	-15	-19	-2	-2	-30	-13	10.7	9.1	10.9	10.6	10.9	9.8	9.8	14.2	11.5	11.3	12.3	12.4	12.1	11.2	10.4
11/17 23:10	-1	-14	-19	-26	-29	-1	-14	-2	-9	-16	-19	-2	-2	-30	-14	10.9	10.3	11.2	9.3	10.2	10.5	9.7	13.0	10.9	11.3	12.4	12.3	12.5	10.7	11.1
11/17 23:20	-1	-15	-19	-26	-29	-1	-14	-2	-9	-16	-19	-2	-2	-29	-14	10.2	9.2	11.3	10.0	10.4	9.9	9.0	12.8	11.2	11.5	12.3	11.1	12.2	10.9	11.0
11/17 23:30	-1	-14	-19	-25	-29	-1	-14	-2	-10	-15	-19	-2	-2	-30	-15	9.0	10.1	10.6	10.0	11.4	9.4	8.7	14.0	10.8	11.7	12.6	12.4	12.5	9.7	11.1
11/17 23:40	-1	-15	-20	-25	-29	-1	-15	-2	-9	-16	-20	-2	-2	-30	-14	9.1	10.3	11.0	10.2	11.2	9.5	8.7	12.7	11.2	11.4	11.5	11.5	13.0	11.0	11.2
11/17 23:50	-1	-16	-20	-26	-29	-1	-15	-2	-9	-16	-20	-2	-2	-29	-14	8.8	10.7	8.6	10.1	11.1	9.6	8.4	12.4	10.4	11.0	12.3	12.9	12.8	11.0	10.6
11/18 0:00	-2	-14	-21	-26	-29	-1	-14	-1	-11	-17	-19	-3	-2	-29	-15	9.5	10.1	10.6	9.1	9.7	11.3	10.3	13.3	11.9	11.7	12.3	14.0	13.9	10.3	10.9
11/18 0:10	-2	-15	-32	-26	-29	-1	-15	-1	-9	-16	-19	-3	-2	-31	-15	9.2	9.0	9.7	7.9	8.3	11.4	9.2	13.6	10.9	11.7	12.8	12.5	12.0	10.9	10.4
11/18 0:20	-2	-15	-35	-27	-29	-1	-16	-1	-10	-15	-21	-2	-2	-31	-15	8.3	7.1	10.7	7.4	7.5	9.3	7.6	13.6	10.1	10.8	12.0	11.3	12.5	9.5	10.0
11/18 0:30	-2	-14	-35	-26	-29	-1	-15	-1	-10	-15	-19	-2	-2	-30	-13	6.6	8.0	10.0	7.9	9.6	8.4	8.2	11.4	9.8	9.7	10.5	10.6	11.0	8.6	8.6
11/18 0:40	-2	-14	-35	-26	-29	-1	-14	-1	-24	-16	-19	-2	-2	-30	-14	7.6	8.2	8.2	7.7	9.2	9.4	6.6	9.8	10.2	8.7	9.4	9.7	10.8	8.5	8.3
11/18 0:50	-2	-14	-35	-25	-29	-1	-16	-1	-25	-17	-19	-2	-2	-29	-14	6.5	8.2	7.6	7.9	9.1	8.3	7.7	10.4	8.9	9.9	9.7	9.5	10.2	8.8	8.0
11/18 1:00	-2	-15	-35	-26	-29	-1	-16	-1	-25	-17	-20	-1	-2	-30	-14	6.3	4.3	6.7	7.5	8.1	6.0	4.9	9.4	7.8	8.7	8.6	10.0	7.9	7.2	7.3
11/18 1:10	-2	-14	-34	-26	-29	-1	-15	-1	-25	-16	-20	-1	-2	-29	-15	5.3	6.0	8.4	6.1	6.4	6.4	5.7	9.7	7.7	8.6	9.1	8.8	7.9	6.8	6.1
11/18 1:20	-2	-15	-35	-27	-29	-1	-15	-1	-26	-16	-21	-1	-2	-30	-14	6.2	5.4	7.8	6.9	7.9	8.5	7.2	9.8	8.0	7.4	7.0	8.2	9.1	8.1	7.1
11/18 1:30	-2	-15	-35	-26	-29	-1	-15	-1	-25	-16	-20	-1	-2	-30	-13	6.1	5.3	5.3	4.4	6.0	7.4	8.3	7.7	7.4	7.1	7.2	6.3	5.8	6.0	6.2
11/18 1:40	-2	-15	-34	-25	-28	-1	-14	-1	-26	-17	-20	-1	-2	-30	-15	5.9	5.3	7.6	8.3	8.8	6.2	7.2	7.7	6.6	6.9	6.9	5.8	6.1	5.7	5.2
11/18 1:50	-2	-15	-35	-24	-28	-1	-14	-1	-26	-15	-19	-1	-2	-30	-14	6.4	6.3	7.1	5.8	7.3	5.8	7.0	7.5	6.2	7.3	6.3	5.5	5.8	5.4	5.4
11/18 2:00	-2	-15	-35	-25	-28	-1	-14	-1	-26	-15	-19	-1	-2	-30	-14	7.0	6.3	6.6	6.3	7.2	6.7	7.5	7.0	6.4	6.1	6.4	6.1	7.2	6.0	6.4
11/18 2:10	-2	-15	-35	-26	-28	-1	-15	-1	-25	-15	-19	-1	-2	-31	-14	7.4	7.1	8.3	6.9	8.2	9.0	7.7	8.0	5.4	6.8	6.9	7.0	6.2	5.9	6.0
11/18 2:20	-2	-14	-35	-25	-28	-1	-14	-1	-25	-16	-19	-1	-2	-30	-14	9.1	8.1	8.3	7.4	9.6	9.9	10.5	7.3	6.7	6.7	7.5	6.7	6.7	7.7	6.8
11/18 2:30	-2	-16	-35	-25	-28	-1	-14	-1	-25	-14	-19	-1	-2	-30	-15	8.3	7.8	9.4	7.5	8.9	9.8	10.1	8.8	6.8	6.7	7.6	7.0	7.3	7.2	7.1
11/18 2:40	-2	-16	-35	-25	-28	-1	-14	-1	-25	-15	-19	-1	-2	-30	-15	8.6	8.2	7.6	7.4	8.7	8.8	9.8	7.6	6.4	7.2	7.5	7.8	7.5	7.7	6.5
11/18 2:50	-2	-15	-35	-25	-28	-1	-14	-1	-25	-14	-19	-1	-2	-29	-15	9.1	9.9	9.2	8.3	9.9	10.0	10.6	7.9	7.5	7.5	7.6	7.7	7.8	6.8	7.3
11/18 3:00	-2	-14	-35	-25	-28	-1	-14	-1	-26	-15	-19	-1	-2	-30	-15	9.4	9.5	9.7	9.9	10.4	9.9	11.6	7.8	6.6	7.2	7.2	7.5	7.6	6.8	7.3
11/18 3:10	-2	-15	-36	-25	-29	-1	-14	-1	-25	-14	-19	-2	-2	-29	-14	8.7	7.9	8.3	9.1	9.2	8.3	8.8	7.8	6.6	7.0	6.7	6.8	6.5	6.5	6.0
11/18 3:20	-2	-15	-37	-25	-29	-1	-15	-1	-25	-14	-19	-2	-2	-29	-14	8.4	8.8	8.2	8.3	9.6	9.0	8.3	7.8	6.6	6.8	6.7	6.3	7.3	6.1	6.3
11/18 3:30	-2	-14	-35	-25	-29	-1	-16	-1	-26	-16	-20	-2	-2	-29	-15	8.6	8.4	7.7	8.1	9.4	9.3	8.2	7.3	5.8	5.9	6.2	6.0	6.8	5.6	6.1
11/18 3:40	-2	-14	-35	-25	-30	-1	-14	-1	-25	-15	-20	-2	-2	-29	-15	8.7	8.8	8.0	7.4	8.5	9.0	9.8	7.5	5.9	6.2	6.6	7.2	6.9	6.0	6.9
11/18 3:50	-1	-15	-36	-26	-29	-1	-14	-1	-25	-29	-19	-2	-2	-29	-14	8.8	9.2	9.7	8.2	9.1	9.8	10.2	7.2	6.0	6.3	6.6	7.3	6.9	7.3	7.6
11/18 4:00	-1	-15	-35	-26	-29	-1	-15	-1	-25	-30	-18	-2	-2	-29	-15	8.4	8.3	7.8	8.3	9.0	8.7	10.1	7.9	6.0	6.2	7.0	7.7	7.4	6.9	7.2
11/18 4:10	-1	-23	-35	-26	-29	-1	-13	-1	-26	-30	-19	-2	-2	-30	-14	8.4	8.5	9.4	8.6	9.2	9.3	11.0	7.8	6.0	6.4	7.1	7.7	7.7	6.7	6.9
11/18 4:20	-1	-29	-34	-27	-28	-1	-14	-1	-24	-29	-19	-2	-2	-30	-14	8.3	7.9	8.0	8.3	10.0	10.8	9.7	8.1	6.5	6.2	6.6	6.7	7.9	7.2	6.8
11/18 4:30	-1	-29	-34	-26	-28	-1	-14	-1	-25	-30	-19	-2	-2	-29	-15	9.5	9.4	8.6	8.1	8.7	9.5	10.0	8.5	6.8	6.4	6.9	7.0	6.3	6.2	6.8
11/18 4:40	-1	-29	-34	-25	-29	-1	-14	-1	-24	-30	-19	-2	-2	-29	-15	7.7	7.6	7.6	8.5	8.9	9.7	9.0	8.3	5.9	6.6	6.1	6.4	6.9	5.1	5.2
11/18 4:50	-1	-29	-34	-25	-29	-1	-15	-1	-25	-31	-20	-2	-2	-30	-19	7.3	7.4	7.1	7.9	7.8	7.4	8.5	7.6	5.9	5.4	5.7	6.5	6.5	5.5	5.6
11/18 5:00	-1	-30	-34	-27	-29	-1	-15	-1	-25	-31	-18	-2	-2	-30	-29	6.8	6.3	6.6	6.5	7.2	7.3	7.7	6.2	5.2	5.3	5.4	5.8	5.8	5.7	5.4
11/18 5:10	-1	-31	-34	-25	-29	-1	-15	-1	-25	-30	-19	-2	-2	-29	-29	6.0	6.5	6.2	5.5	6.6	5.6	5.7	6.3	4.9	5.1	5.3	5.7	5.8	5.1	4.7
11/18 5:20	-1	-32	-34	-24	-30	-1	-14																							

11/18 5:50	-1	-30	-35	-25	-28	-1	-14	-1	-25	-31	-19	-2	-2	-29	-30	6.4	6.0	5.7	5.9	6.1	5.7	5.7	4.9	4.6	4.6	4.5	4.8	4.6	4.3	4.4
11/18 6:00	-1	-29	-36	-25	-29	-1	-14	-1	-25	-30	-20	-2	-3	-29	-30	5.8	5.8	6.0	5.2	6.3	5.5	5.6	4.8	4.3	3.8	4.2	4.4	4.3	3.9	4.4
11/18 6:10	-1	-29	-35	-25	-29	-1	-16	-1	-25	-31	-20	-2	-3	-29	-31	5.5	5.4	5.7	5.9	6.3	5.4	6.5	4.8	4.2	4.1	4.4	4.7	4.9	4.3	4.6
11/18 6:20	-1	-30	-35	-26	-29	-1	-13	-1	-25	-30	-19	-2	-3	-30	-30	5.7	5.4	5.6	5.4	5.8	4.9	5.7	5.1	4.1	4.4	4.1	4.9	4.7	4.4	4.3
11/18 6:30	-1	-29	-35	-27	-29	-1	-14	-1	-26	-30	-19	-2	-3	-29	-30	5.1	5.5	4.8	4.7	5.2	5.4	5.2	5.1	3.8	4.1	4.5	4.3	4.1	3.9	4.1
11/18 6:40	-1	-29	-35	-26	-29	0	-14	-1	-25	-31	-19	-2	-3	-29	-29	4.6	5.0	4.5	4.9	4.8	4.3	5.0	4.4	3.6	3.8	4.0	4.7	4.3	3.5	4.4
11/18 6:50	-2	-29	-34	-26	-29	0	-14	-1	-26	-31	-20	-3	-3	-29	-29	4.6	3.6	3.7	3.8	4.2	4.0	4.3	4.2	3.6	3.9	3.6	3.8	3.9	3.5	3.9
11/18 7:00	-2	-30	-35	-26	-29	0	-14	-1	-26	-30	-19	-3	-3	-29	-29	4.5	3.7	4.3	4.1	4.5	4.5	4.3	4.8	3.7	3.8	4.0	3.5	3.9	3.6	3.9
11/18 7:10	-2	-28	-35	-25	-29	0	-15	-1	-25	-32	-18	-3	-3	-29	-29	3.5	3.3	3.5	3.4	3.8	3.6	3.7	4.6	3.6	3.9	3.8	4.1	4.2	3.7	3.8
11/18 7:20	-2	-29	-35	-26	-29	0	-29	-1	-26	-31	-19	-2	-3	-29	-31	3.5	3.3	3.2	3.1	3.8	3.7	3.4	4.3	3.8	3.8	3.9	4.2	3.8	3.3	3.5
11/18 7:30	-2	-30	-34	-25	-28	0	-29	0	-25	-31	-30	-2	-3	-29	-29	3.8	3.1	3.9	3.7	4.8	5.2	4.4	4.4	3.9	3.7	4.0	3.7	3.4	3.0	3.3
11/18 7:40	-2	-31	-36	-25	-28	0	-29	0	-25	-30	-34	-2	-3	-29	-29	4.7	3.8	3.8	3.5	5.3	5.2	4.2	4.1	3.6	3.7	3.8	3.6	3.2	3.0	3.3
11/18 7:50	-2	-29	-34	-25	-28	0	-30	0	-25	-31	-34	-2	-2	-29	-29	3.5	3.3	3.5	3.5	4.3	4.2	3.9	3.9	3.4	3.5	3.5	3.0	3.0	2.7	2.8
11/18 8:00	-2	-29	-35	-25	-29	0	-30	0	-25	-31	-35	-1	-2	-30	-30	3.9	3.0	3.4	2.8	4.2	4.0	3.3	3.9	3.3	3.1	3.3	3.1	2.8	2.3	2.8
11/18 8:10	-2	-29	-35	-25	-29	0	-30	0	-25	-32	-33	-1	-2	-30	-30	3.1	2.4	2.7	2.7	3.2	2.8	2.6	3.0	2.8	2.7	2.6	2.0	2.1	1.7	1.6
11/18 8:20	-2	-29	-35	-26	-29	0	-30	0	-26	-30	-33	-1	-2	-30	-30	3.0	2.6	2.7	2.7	2.9	3.1	2.8	3.0	3.2	3.0	3.1	2.8	2.4	2.3	2.0
11/18 8:30	-2	-29	-36	-26	-29	0	-30	0	-24	-32	-33	-1	-2	-30	-31	3.5	2.6	3.0	3.1	3.5	3.4	3.4	2.9	2.9	3.0	2.8	3.6	2.8	2.6	2.9
11/18 8:40	-2	-29	-35	-26	-28	0	-31	0	-25	-30	-34	-1	-2	-29	-31	3.1	3.7	3.2	3.1	3.0	3.6	3.9	3.3	3.4	3.3	3.1	3.4	3.2	3.1	3.2
11/18 8:50	-2	-30	-35	-26	-29	0	-30	0	-26	-30	-35	-1	-2	-29	-31	3.7	2.7	2.8	3.3	3.8	4.1	3.8	3.7	3.3	3.5	3.5	3.5	2.9	2.5	3.2
11/18 9:00	-1	-30	-36	-26	-29	0	-30	0	-25	-29	-35	-1	-2	-29	-31	3.8	3.5	3.7	3.8	4.2	4.0	4.4	3.7	3.0	3.2	3.5	3.5	3.8	2.7	3.2
11/18 9:10	-1	-31	-35	-25	-29	0	-31	0	-25	-29	-35	-1	-2	-30	-31	5.1	4.2	3.4	3.6	4.0	4.3	4.0	3.4	3.2	3.4	3.3	3.7	3.1	2.9	3.7
11/18 9:20	-1	-31	-36	-24	-29	0	-31	0	-25	-30	-35	-1	-1	-29	-31	4.1	3.6	3.6	3.8	4.4	4.6	4.4	3.4	3.2	3.5	3.4	3.2	3.3	2.7	3.6
11/18 9:30	-1	-31	-35	-24	-28	0	-31	0	-25	-30	-36	-1	-1	-29	-32	4.5	3.8	4.0	3.3	4.6	4.4	3.8	3.5	3.1	3.0	3.2	4.1	3.8	3.7	3.1
11/18 9:40	-1	-32	-35	-26	-28	0	-30	0	-25	-31	-35	-1	-1	-30	-32	4.0	4.1	4.2	4.1	4.7	4.8	3.9	4.6	2.9	3.5	3.6	4.2	3.9	3.4	3.4
11/18 9:50	-1	-31	-35	-26	-29	0	-30	0	-26	-30	-37	0	-1	-29	-31	4.8	4.0	3.8	4.1	4.3	3.8	3.4	4.1	3.4	3.7	4.1	4.3	4.3	2.5	3.9
11/18 10:00	-1	-31	-35	-26	-29	0	-30	0	-26	-31	-36	0	-1	-29	-31	4.6	4.0	4.9	3.5	3.6	4.6	3.9	4.6	3.7	3.8	3.7	4.3	3.8	2.8	3.5
11/18 10:10	-1	-31	-35	-26	-30	0	-31	0	-26	-31	-37	0	-1	-30	-32	4.5	2.7	3.6	3.6	4.9	4.4	4.1	3.9	3.6	3.5	3.6	4.0	4.0	3.4	4.1
11/18 10:20	-1	-31	-35	-27	-29	0	-31	0	-26	-31	-36	0	-1	-30	-32	4.3	2.1	3.8	3.7	4.7	5.0	4.5	4.0	3.3	3.8	4.1	3.8	3.9	2.4	3.0
11/18 10:30	0	-31	-34	-26	-29	0	-31	0	-26	-32	-36	0	-1	-31	-31	4.1	3.4	4.4	4.1	4.8	4.9	4.8	4.2	3.8	3.8	3.8	4.4	4.3	3.7	3.7
11/18 10:40	0	-31	-34	-26	-29	0	-31	0	-25	-31	-36	0	0	-30	-32	3.3	4.1	4.3	4.4	4.5	4.5	4.2	4.1	3.5	4.0	4.2	4.0	3.4	3.2	4.1
11/18 10:50	0	-32	-34	-26	-30	0	-32	0	-25	-31	-35	0	0	-30	-32	3.0	4.1	4.4	3.7	4.0	4.3	4.1	3.4	2.7	3.3	3.0	3.9	3.5	3.6	3.8
11/18 11:00	0	-32	-35	-25	-30	0	-31	0	-23	-31	-35	0	0	-31	-32	3.8	3.9	3.5	3.5	4.0	4.0	4.1	3.3	3.5	3.0	3.3	2.9	3.5	3.2	3.5
11/18 11:10	-8	-31	-35	-25	-29	-9	-30	0	-10	-33	-36	0	0	-30	-31	3.0	2.8	3.8	3.7	3.6	3.4	4.5	3.7	3.9	3.3	3.8	3.5	3.9	3.2	3.7
11/18 11:20	-31	-31	-36	-25	-30	-29	-30	-7	-20	-31	-35	-1	0	-29	-31	3.4	4.0	4.0	3.9	3.7	4.0	4.4	3.3	3.5	3.5	4.2	3.4	3.5	3.4	3.8
11/18 11:30	-31	-32	-36	-26	-30	-30	-30	-9	-28	-31	-36	-8	-5	-29	-32	3.8	3.7	3.3	4.1	3.7	3.8	3.7	4.2	4.5	3.9	4.4	3.9	3.4	3.3	3.8
11/18 11:40	-30	-31	-36	-26	-29	-29	-30	-6	-26	-31	-34	-3	-6	-30	-32	3.2	3.1	4.0	3.8	4.0	3.8	4.0	3.9	3.8	2.7	3.6	4.8	4.0	3.3	3.6
11/18 11:50	-31	-31	-34	-25	-30	-29	-30	-8	-24	-32	-35	-2	-7	-30	-31	3.1	3.4	3.6	3.6	3.5	3.5	3.5	3.5	3.0	2.9	2.8	3.8	3.0	3.0	3.6
11/18 12:00	-31	-31	-36	-25	-32	-29	-30	-8	-25	-33	-35	-2	-6	-30	-31	3.6	3.4	2.7	3.5	3.2	3.8	3.6	3.6	3.0	3.0	2.9	3.3	3.4	3.2	3.2
11/18 12:10	-30	-31	-35	-25	-30	-30	-30	-7	-26	-32	-35	-2	-6	-30	-30	3.3	3.2	3.3	3.7	3.6	4.0	3.7	3.6	2.7	3.8	3.6	3.8	3.2	2.3	3.2
11/18 12:20	-30	-30	-34	-26	-30	-30	-31	-5	-26	-32	-35	-2	-5	-30	-31	3.9	4.0	4.1	4.1	3.3	3.1	3.9	3.1	3.6	3.3	3.6	4.6	3.2	3.1	3.2
11/18 12:30	-30	-31	-35	-25	-30	-30	-30	-4	-26	-32	-36	-2	-5	-30	-30	3.5	3.2	3.5	3.5	3.5	3.9	3.9	2.9	3.2	3.5	3.9	4.2	3.6	3.2	3.3
11/18 12:40	-29	-30	-35	-26	-30	-29	-30	-5	-26	-33	-36	-2	-5	-29	-31	3.0	3.9	4.1	3.9	3.9	3.9	3.5	3.2	2.9	3.8	4.2	4.3	3.8	2.7	3.6
11/18 12:50	-30	-30	-35	-26	-31	-29	-30	-8	-25	-32	-35	-2	-6	-31	-31	3.4	4.0	4.3	4.3	4.0	3.8	3.2	4.0	4.0	4.4	3.9	3.5	3.8	2.6	3.9
11/18 13:00	-30	-30	-34	-25	-29	-29	-31	-7	-25	-32	-36	-2	-6	-30	-31	3.9	4.2	4.6	4.7	4.7	4.4	3.6	4.7	4.0	4.1	3.9	4.9	4.8	4.1	4.5
11/18 13:10	-30	-30	-24	-25	-30	-30	-30	-8	-24	-33	-35	-2	-4	-30	-31	4.1	4.4	4.8	4.5	4.4	4.7	4.2	4.1	3.8	3.5	4.6	4.9	4.0	3.8	4.0
11/18 13:20	-31	-30	-19	-26	-30	-30	-31	-8	-24	-31	-35	-2	-6	-29	-31	3.9	3.7	4.0	3.8	3.6	3.9	2.9	3.4	3.0	2.6	4.0	4.8	3.8	3.2	3.4
11/18 13:30	-30	-30	-20	-27	-31	-30	-30	-8	-26	-31	-36	-2	-6	-30	-33	3.0	2.9	2.7	2.8	3.0	3.7	3.2	3.3	2.5	3.5	3.8	3.9	3.5	2.9	3.0
11/18 13:40	-30	-31	-22	-26	-30	-30	-30	-9	-25	-31	-36	-2	-5	-30	-32	2.7	2.7	2.6	3.1	3.5	3.6	4.2	2.3	2.1	3.2	3.5	4.1	3.4	3.9	4.2
11/18 13:50	-30	-30	-19	-25	-30	-30	-29	-3	-26	-31	-36	-2	-6	-29	-32	2.5	2.2	2.3	3.0	3.2	2.8	3.7	2.3	2.8	3.5	2.5	4.4	4.1	3.5	3.1
11/18 14:00	-30	-30	-19	-26	-30	-29	-30	-3	-25	-32	-36	-2	-6	-29	-32	2.3	2.4	2.4	2.9	3.3	3.7	3.8	2.4	2.1	3.1	4.0	3.6	3.4	3.4	3.4
11/18 14:10	-31	-31	-20	-25	-29	-29	-30	-3	-24	-31	-34	-2	-5	-29	-32	1.9	2.0	3.1	3.3	3.2	2.9	3.4	1.8	1.9	2.8	2.5	3.3	3.5	2.3	3.1
11/18 14:20	-30	-31	-19	-25	-30																									

11/18 14:40	-30	-30	-19	-26	-29	-29	-31	-2	-25	-31	-34	-2	-4	-30	-30	2.8	2.7	2.4	2.2	2.4	2.6	2.4	2.1	1.9	2.3	2.4	3.6	2.5	2.3	2.4
11/18 14:50	-30	-30	-20	-26	-30	-30	-30	-2	-25	-30	-35	-2	-3	-31	-30	2.2	2.2	2.2	2.0	2.1	2.1	2.3	1.8	1.3	2.2	1.8	2.4	2.4	1.7	2.1
11/18 15:00	-30	-30	-20	-26	-30	-30	-30	-2	-25	-31	-35	-2	-3	-31	-30	2.5	2.2	2.3	2.4	2.3	2.7	2.9	1.5	1.8	2.0	2.4	2.9	2.3	2.1	2.1
11/18 15:10	-30	-31	-21	-26	-31	-29	-29	-2	-25	-31	-35	-2	-3	-31	-30	2.6	2.6	2.4	2.6	2.4	2.1	2.5	2.2	2.2	2.1	2.5	3.3	2.5	2.5	1.9
11/18 15:20	-30	-31	-20	-27	-29	-29	-30	-3	-25	-30	-35	-2	-5	-32	-31	2.2	1.8	1.5	2.3	2.3	2.3	2.4	1.8	1.9	2.1	2.2	2.2	2.2	1.9	2.1
11/18 15:30	-30	-32	-20	-26	-31	-29	-30	-3	-26	-31	-36	-2	-7	-32	-31	2.1	1.0	2.6	2.5	3.0	3.0	3.0	1.8	2.1	2.2	2.1	2.8	2.4	2.3	2.6
11/18 15:40	-30	-32	-19	-26	-30	-29	-30	-3	-26	-31	-37	-2	-5	-29	-30	2.3	2.1	3.3	3.6	3.7	3.9	3.7	1.9	2.0	2.5	2.7	2.8	2.7	2.0	2.9
11/18 15:50	-31	-31	-19	-26	-29	-30	-29	-3	-26	-31	-36	-2	-4	-30	-31	4.0	2.6	4.1	4.6	4.3	5.0	5.0	2.2	2.5	2.8	3.3	3.1	3.1	3.3	3.4
11/18 16:00	-31	-30	-19	-26	-28	-30	-28	-3	-25	-31	-35	-2	-4	-30	-31	4.2	2.5	4.2	4.6	4.1	4.5	4.6	2.7	2.6	2.5	3.0	3.3	3.2	3.0	3.4
11/18 16:10	-31	-31	-19	-25	-25	-30	-29	-3	-25	-32	-34	-2	-5	-30	-31	3.9	3.6	4.0	4.3	4.2	4.8	4.6	2.5	2.6	2.4	3.2	4.5	3.7	3.2	3.8
11/18 16:20	-31	-30	-19	-25	-22	-30	-29	-3	-26	-32	-35	-2	-3	-29	-31	3.9	2.9	3.9	4.2	4.2	4.5	4.0	3.4	3.5	3.8	4.3	5.1	4.1	4.0	3.8
11/18 16:30	-29	-30	-20	-25	-15	-30	-30	-3	-24	-32	-33	-2	-4	-29	-32	3.6	2.5	3.3	3.6	3.6	4.0	3.8	3.2	3.7	3.8	4.1	5.0	4.0	3.8	3.4
11/18 16:40	-31	-30	-20	-25	-15	-30	-23	-3	-25	-32	-35	-2	-4	-29	-32	4.2	2.6	3.9	4.2	4.5	4.6	4.3	3.2	3.7	3.7	4.1	4.9	3.8	3.9	3.9
11/18 16:50	-31	-31	-20	-25	-14	-30	-13	-3	-25	-32	-36	-2	-6	-29	-32	3.8	2.6	3.9	4.6	4.4	4.6	4.2	3.4	3.6	3.7	4.3	5.1	4.6	4.5	4.5
11/18 17:00	-20	-31	-20	-26	-15	-29	-14	-3	-25	-32	-36	-2	-5	-30	-32	4.0	2.7	4.3	4.6	4.8	4.7	4.3	4.7	4.5	4.6	5.0	6.2	5.1	5.1	4.9
11/18 17:10	-15	-30	-20	-24	-15	-30	-14	-3	-25	-32	-35	-2	-6	-29	-31	5.0	3.2	4.7	5.0	5.1	5.2	4.7	5.3	4.5	4.6	5.2	6.1	4.9	5.1	4.7
11/18 17:20	-17	-30	-20	-17	-16	-29	-14	-3	-25	-32	-34	-2	-4	-29	-31	4.3	3.6	4.3	5.5	5.2	5.1	4.7	5.0	4.6	4.6	5.2	5.9	5.0	5.2	4.6
11/18 17:30	-21	-30	-20	-17	-16	-29	-14	-3	-25	-31	-34	-2	-3	-29	-32	4.4	3.2	4.8	5.7	5.2	4.9	4.8	5.0	4.4	4.4	4.8	5.5	4.7	4.8	4.4
11/18 17:40	-18	-30	-19	-16	-14	-29	-14	-3	-26	-32	-35	-2	-3	-30	-31	3.4	3.3	4.2	5.4	5.1	4.9	4.8	4.2	4.1	4.1	4.7	5.1	4.5	4.8	4.5
11/18 17:50	-15	-29	-19	-15	-14	-29	-15	-3	-25	-31	-35	-2	-4	-30	-31	3.2	2.8	4.2	5.2	5.0	5.0	5.3	4.4	4.3	4.5	5.0	6.1	4.8	5.0	4.7
11/18 18:00	-16	-28	-18	-16	-16	-30	-15	-3	-25	-31	-22	-2	-4	-31	-31	3.8	2.6	4.1	5.0	5.2	5.3	5.6	5.1	4.8	4.9	5.6	6.3	5.2	5.4	5.2
11/18 18:10	-20	-22	-19	-16	-16	-30	-15	-3	-25	-32	-19	-2	-5	-31	-31	4.1	3.4	3.1	5.5	5.4	5.4	5.7	5.4	5.5	5.2	5.7	6.6	5.3	5.7	5.1
11/18 18:20	-14	-16	-20	-16	-16	-30	-16	-3	-24	-25	-20	-2	-4	-32	-31	4.4	4.5	3.1	5.7	5.4	5.6	5.8	6.3	5.8	5.4	5.9	6.7	5.9	6.0	5.4
11/18 18:30	-8	-17	-18	-16	-17	-30	-16	-3	-23	-17	-21	-2	-6	-32	-17	4.9	4.6	4.7	6.5	6.4	6.1	6.2	6.0	5.9	5.6	6.7	7.6	6.1	6.5	5.8
11/18 18:40	42	-17	-17	-13	-21	-30	-17	-3	-20	-17	-21	-2	-4	-30	-18	6.3	5.8	5.5	7.5	6.7	6.6	7.0	6.8	7.0	6.7	7.6	8.6	6.5	7.6	6.4
11/18 18:50	38	-3	9	-2	-15	-31	-14	-3	-11	-15	-19	-2	-4	-29	-18	8.4	6.8	8.0	8.2	7.0	7.1	5.9	6.9	6.9	5.9	6.8	8.5	5.9	6.1	6.3
11/18 19:00	-16	-13	0	-1	-17	-30	-14	-3	-10	-15	-19	-2	-4	-29	-19	8.7	6.5	8.0	8.1	6.9	7.1	7.2	6.7	6.1	5.8	6.8	8.5	5.8	6.7	6.8
11/18 19:10	-14	-5	0	-1	-17	-29	-14	-3	-9	-15	-20	-2	-4	-29	-18	8.7	6.7	8.1	7.9	6.9	8.2	7.7	6.9	6.7	6.3	7.0	8.9	6.2	6.8	7.3
11/18 19:20	-14	-18	0	-1	-11	-29	-14	-3	-9	-15	-20	-2	-5	-29	-16	8.9	6.3	7.7	7.8	7.0	8.0	8.0	6.8	6.7	6.2	7.3	9.5	6.4	7.3	6.5
11/18 19:30	-15	-17	0	-1	9	-29	-14	-3	-9	-16	-20	-2	-5	-29	-15	9.0	6.5	7.8	8.1	8.0	7.4	7.1	7.3	6.8	6.6	7.7	9.8	6.9	7.5	7.1
11/18 19:40	-15	19	0	-1	0	-29	-15	-3	-10	-16	-20	-2	-5	-29	-14	10.3	7.3	9.3	9.2	8.1	8.0	8.1	8.4	7.4	7.2	8.5	10.9	7.2	8.0	7.4
11/18 19:50	-15	6	0	-1	0	-31	-14	-3	-9	-15	-20	-2	-5	-29	-15	10.3	6.8	9.4	9.6	8.6	8.5	9.1	8.1	7.4	7.1	8.9	11.3	7.5	8.3	7.5
11/18 20:00	-14	0	0	-1	0	-30	-15	-3	-9	-15	-21	-2	-5	-29	-15	8.8	6.6	9.7	9.7	8.6	6.9	8.5	7.7	6.7	6.7	7.9	9.8	6.9	7.5	7.1
11/18 20:10	-14	-16	0	-1	0	-30	-14	-3	-9	-16	-21	-2	-5	-29	-15	8.3	6.4	9.2	9.7	8.8	7.4	6.2	7.3	6.7	6.5	6.8	8.8	5.8	6.3	6.1
11/18 20:20	-14	-20	0	-1	0	-30	-14	-3	-9	-16	-20	-2	-6	-29	-15	7.6	5.7	8.3	8.8	7.8	7.0	6.1	8.2	6.4	6.2	6.9	8.6	5.7	6.0	5.8
11/18 20:30	-14	-19	0	-1	0	-31	-14	-3	-10	-15	-19	-2	-6	-29	-15	6.8	5.7	8.2	8.4	7.6	6.2	5.5	7.3	6.2	6.1	6.6	8.5	5.5	6.1	5.8
11/18 20:40	-14	-19	0	-1	0	-32	-14	-3	-10	-15	-18	-2	-6	-29	-14	6.4	5.5	7.7	7.8	7.0	5.6	7.5	7.0	6.1	5.9	6.6	8.4	5.2	5.6	5.4
11/18 20:50	-15	-17	0	-1	0	-31	-14	-3	-9	-16	-19	-2	-6	-29	-15	6.2	5.3	7.4	7.8	7.1	6.1	6.5	7.0	6.1	6.5	6.8	8.4	5.1	5.4	5.4
11/18 21:00	-13	-17	0	-1	0	-30	-14	-3	-8	-15	-19	-2	-6	-29	-15	7.4	6.2	7.7	7.9	7.5	6.9	6.4	6.9	6.2	6.0	6.4	8.1	5.4	5.7	6.0
11/18 21:10	-14	-21	0	-1	0	-30	-14	-3	-11	-16	-19	-2	-6	-29	-15	6.7	6.3	7.8	7.9	7.6	6.6	6.0	6.5	5.3	5.2	6.3	7.9	5.5	6.1	6.1
11/18 21:20	-14	-17	0	-1	0	-30	-14	-3	-22	-16	-19	-2	-7	-29	-15	7.6	6.6	8.1	8.3	7.7	7.0	6.2	5.7	4.9	4.9	6.3	7.6	5.3	5.9	6.1
11/18 21:30	-14	-12	0	-1	0	-31	-14	-3	-25	-15	-20	-2	-7	-29	-15	6.7	6.0	8.0	8.1	7.9	6.6	6.5	5.3	4.9	5.2	6.5	8.1	5.7	6.2	5.9
11/18 21:40	-14	-1	0	-1	0	-31	-14	-3	-25	-14	-20	-2	-6	-29	-15	7.3	6.5	8.7	8.6	7.8	7.8	7.7	5.9	5.5	6.1	7.1	9.4	6.6	6.9	6.2
11/18 21:50	-15	16	0	-1	0	-30	-14	-3	-26	-15	-20	-2	-6	-30	-15	7.7	6.9	9.0	9.2	8.5	6.9	7.9	5.7	5.5	5.9	6.8	8.6	6.1	6.4	5.9
11/18 22:00	-14	17	0	-1	0	-30	-15	-3	-27	-15	-20	-2	-7	-30	-16	8.7	7.0	9.8	9.7	9.2	7.7	7.5	6.4	6.2	6.1	6.7	8.1	5.9	6.9	6.2
11/18 22:10	-14	20	0	-1	0	-31	-15	-3	-25	-15	-20	-2	-4	-29	-15	8.4	7.1	9.6	10.0	9.2	9.1	7.4	6.6	6.1	6.2	7.3	9.4	5.9	6.7	6.3
11/18 22:20	-14	26	0	-1	0	-30	-14	-3	-25	-15	-20	-2	-5	-29	-15	8.0	7.3	9.5	9.7	8.9	7.6	7.3	7.1	6.2	6.3	7.1	8.9	6.5	6.9	6.1
11/18 22:30	-14	34	0	-1	0	-30	-15	-3	-25	-15	-18	-2	-5	-30	-16	7.6	7.6	9.8	9.8	8.7	7.6	7.6	6.9	6.5	6.5	7.3	9.7	6.7	7.0	6.4
11/18 22:40	-15	33	0	-1	0	-30	-14	-2	-25	-15	-19	-2	-5	-30	-16	8.0	7.6	9.9	10.3	9.4	7.5	7.8	6.7	6.5	6.5	7.4	10.1	6.8	7.4	6.5
11/18 22:50	-15	64	0	-1	0	-30	-14	-2	-25	-17	-19	-2	-4	-31	-16	8.7	8.4	10.4	10.5	9.9	8.1	9.0	8.1	6.8	6.8	7.5	10.1	7.1	8.0	7.3
11/18 23:00	-14	-16	0	-1	0	-30	-14	-2	-25	-16	-19	-2	-5	-31	-17	8.9	8.5	10.6	11.1	9.9	8.1	9.2	8.6	6.6	7.0	7.7	10.3	7.4	8.0	6.9
11/18 23:10	-14	-15	0																											

11/18 23:30	-14	-15	0	-1	0	-31	-14	-2	-26	-15	-20	-2	-5	-29	-14	8.2	7.2	9.9	9.9	8.9	7.2	8.2	8.3	6.0	6.1	7.2	8.8	6.7	7.2	6.5
11/18 23:40	-14	-15	0	-1	0	-31	-14	-2	-25	-15	-20	-2	-5	-29	-14	8.3	7.4	10.2	10.2	9.1	8.1	8.6	8.2	6.3	6.2	7.1	9.6	7.0	7.3	6.6
11/18 23:50	-14	-15	0	-1	0	-30	-14	-2	-25	-15	-20	-2	-6	-30	-15	8.0	8.2	9.8	9.7	8.8	8.1	8.1	9.3	6.8	6.2	7.1	9.4	7.0	7.0	6.6
11/19 0:00	-14	-15	0	-1	0	-30	-14	-2	-26	-15	-20	-2	-6	-29	-15	7.9	7.2	8.8	9.0	8.1	8.3	8.0	8.7	6.5	6.2	7.2	9.5	6.5	7.0	6.5
11/19 0:10	-14	-15	0	-1	0	-31	-14	-2	-26	-15	-21	-2	-7	-30	-15	8.4	7.2	8.7	8.8	8.2	8.8	8.2	8.6	6.8	6.4	6.9	9.2	6.2	7.0	6.3
11/19 0:20	-15	-15	0	-1	0	-31	-14	-2	-26	-17	-20	-2	-5	-29	-15	8.2	7.0	9.3	9.1	8.5	8.2	7.9	8.1	6.5	6.3	6.9	8.6	6.3	7.2	6.6
11/19 0:30	-15	-16	0	-1	0	-31	-14	-2	-25	-30	-19	-2	-5	-30	-16	8.9	7.3	10.3	10.1	9.4	7.8	7.4	9.3	6.6	6.3	6.8	9.2	6.4	7.1	7.0
11/19 0:40	-14	-15	0	-1	0	-31	-14	-2	-25	-31	-19	-2	-5	-30	-15	9.5	7.9	10.6	10.5	10.0	7.7	7.3	9.2	6.9	6.6	7.7	8.4	6.7	7.2	6.8
11/19 0:50	-14	-15	0	-1	0	-31	-14	-2	-25	-31	-19	-2	-7	-29	-15	8.7	7.3	10.8	10.8	10.6	7.2	8.9	9.7	7.3	7.3	8.5	9.4	7.4	7.7	6.7
11/19 1:00	-14	-15	0	-1	0	-31	-14	-2	-25	-31	-20	-2	-8	-30	-15	8.6	7.1	11.6	11.5	11.3	9.7	9.4	11.1	7.8	7.9	8.8	10.3	7.8	7.9	7.1
11/19 1:10	-14	-15	0	-1	0	-31	-14	-2	-25	-31	-19	-2	-5	-31	-16	8.2	7.5	12.4	12.1	11.6	9.9	9.6	10.7	7.7	8.1	9.7	10.0	7.9	7.9	7.6
11/19 1:20	-14	-15	0	-1	0	-31	-14	-2	-25	-31	-19	-2	-5	-31	-16	8.3	8.1	12.0	12.0	11.0	8.8	9.7	10.5	7.6	8.1	9.7	9.5	7.9	8.3	7.5
11/19 1:30	-14	-16	0	-1	0	-31	-14	-2	-25	-32	-19	-2	-6	-29	-16	7.9	7.9	11.9	11.4	10.8	9.2	10.2	11.2	7.7	8.2	9.8	10.5	8.8	8.6	7.7
11/19 1:40	-15	-15	0	-1	0	-29	-14	-2	-26	-31	-19	-2	-7	-29	-15	8.4	6.9	10.8	11.0	10.8	7.8	10.1	11.2	8.0	8.5	9.6	10.2	8.1	8.2	7.3
11/19 1:50	-15	-14	0	-1	0	-29	-14	-2	-26	-32	-19	-2	-4	-28	-15	8.6	7.1	11.4	12.6	11.1	7.9	9.9	11.5	8.4	8.6	9.9	10.6	7.7	8.2	7.1
11/19 2:00	-15	-14	0	-1	0	-29	-14	-2	-26	-31	-19	-2	-4	-28	-15	9.2	7.7	12.2	12.2	11.4	8.0	11.1	11.2	8.9	8.4	9.9	9.2	7.8	8.4	7.7
11/19 2:10	-15	-13	0	-1	0	-29	-14	-2	-26	-31	-19	-2	-5	-28	-14	9.9	8.4	11.7	11.6	10.5	8.9	8.4	10.1	8.5	8.2	9.0	9.4	7.6	8.7	7.8
11/19 2:20	-15	-14	0	-1	0	-30	-14	-2	-26	-31	-20	-2	-5	-29	-14	9.4	7.9	11.4	11.3	10.9	8.8	8.0	11.2	9.0	8.7	9.9	9.9	7.8	8.9	8.3
11/19 2:30	-15	-15	0	-1	0	-30	-14	-2	-25	-32	-20	-2	-5	-29	-14	10.1	8.8	11.8	11.8	10.6	8.9	7.8	11.4	8.6	7.7	8.7	8.9	7.6	8.2	7.5
11/19 2:40	-15	-15	0	-1	0	-30	-14	-2	-26	-32	-20	-2	-5	-30	-14	11.3	9.5	11.7	12.2	10.7	9.5	7.8	10.8	7.8	7.4	8.2	10.2	7.9	8.9	7.7
11/19 2:50	-14	-15	0	-1	0	-31	-14	-2	-26	-32	-20	-2	-5	-30	-14	8.9	7.5	10.8	11.0	9.6	9.8	8.1	10.8	7.5	7.3	8.4	10.1	7.7	8.7	7.5
11/19 3:00	-15	-16	0	-1	0	-31	-14	-2	-27	-32	-20	-2	-5	-30	-15	9.0	7.6	10.1	11.3	9.3	9.6	10.0	10.1	7.6	7.4	8.6	10.2	7.6	8.5	7.6
11/19 3:10	-16	-16	0	-1	0	-31	-14	-2	-26	-31	-20	-2	-5	-30	-15	9.4	8.2	11.1	11.8	10.0	10.6	10.5	10.0	7.8	7.4	8.6	10.5	7.6	8.6	7.9
11/19 3:20	-15	-15	0	0	0	-30	-14	-2	-25	-31	-20	-2	-5	-31	-16	9.3	8.3	12.3	12.0	10.8	9.1	8.0	10.2	7.0	7.1	8.2	10.1	7.6	8.2	7.8
11/19 3:30	-14	-15	0	0	0	-31	-14	-2	-24	-31	-20	-2	-5	-30	-15	9.7	8.6	11.6	11.3	10.2	9.8	8.3	9.4	7.1	7.3	8.2	9.6	7.7	8.8	7.8
11/19 3:40	-14	-15	0	0	0	-30	-15	-2	-25	-31	-20	-2	-5	-29	-15	9.5	8.5	10.2	10.1	9.3	7.7	8.9	9.1	7.3	7.2	8.0	10.1	7.1	8.2	7.4
11/19 3:50	-14	-15	0	0	0	-30	-15	-2	-24	-31	-20	-2	-5	-29	-15	9.6	8.4	9.8	10.7	9.7	7.4	8.8	9.3	7.1	7.0	7.7	9.9	6.8	7.7	7.1
11/19 4:00	-14	-15	0	0	0	-29	-15	-2	-25	-30	-20	-2	-5	-29	-15	9.8	8.6	10.2	10.5	9.9	7.4	9.0	9.4	6.9	6.7	7.5	9.5	6.8	7.4	7.2
11/19 4:10	-15	-15	0	0	0	-29	-15	-2	-25	-31	-20	-2	-6	-28	-15	9.6	9.0	11.0	11.2	10.0	7.9	9.4	9.1	6.5	6.4	7.2	10.0	6.8	7.4	7.3
11/19 4:20	-14	-15	0	0	0	-29	-15	-2	-25	-31	-19	-2	-6	-28	-16	8.7	8.5	10.6	10.9	9.5	7.6	8.8	9.3	6.5	6.5	7.1	9.2	6.7	7.3	7.1
11/19 4:30	-16	-15	0	0	0	-29	-16	-2	-25	-31	-19	-2	-6	-28	-16	7.7	8.0	10.6	10.7	9.2	7.1	7.8	9.2	6.4	6.1	7.2	8.0	6.7	7.1	7.1
11/19 4:40	-30	-15	0	0	0	-29	-16	-2	-25	-31	-20	-2	-6	-28	-26	8.1	7.5	10.7	10.4	9.4	8.9	6.9	9.1	6.6	6.4	7.6	8.0	6.5	7.3	7.4
11/19 4:50	-30	-15	0	0	0	-29	-16	-2	-25	-31	-19	-2	-6	-28	-30	8.7	7.9	10.7	10.5	9.3	8.6	7.0	9.5	6.9	6.7	7.7	8.3	6.9	7.3	7.1
11/19 5:00	-30	-15	0	0	0	-28	-16	-2	-25	-31	-19	-2	-6	-28	-30	8.7	7.7	9.9	9.7	8.6	8.9	7.0	9.9	7.0	6.9	7.6	9.3	7.0	7.4	6.5
11/19 5:10	-30	-15	0	0	0	-28	-16	-2	-25	-31	-20	-2	-7	-28	-31	8.6	8.0	10.4	10.5	9.5	8.3	6.7	10.1	6.9	6.9	7.7	9.1	6.8	7.0	6.7
11/19 5:20	-30	-15	0	0	0	-29	-16	-2	-23	-31	-20	-2	-7	-29	-31	8.1	7.4	10.7	10.5	9.9	7.1	6.5	9.9	7.0	6.7	7.4	9.1	6.6	7.1	6.4
11/19 5:30	-29	-15	0	0	0	-29	-14	-2	-20	-31	-19	-1	-7	-30	-31	8.6	7.5	10.3	10.0	9.3	7.7	7.0	10.1	7.1	6.8	7.7	9.5	6.7	6.9	6.6
11/19 5:40	-29	-15	0	0	0	-29	-19	-2	-20	-31	-19	-1	-7	-29	-31	8.0	7.1	10.3	10.4	9.5	6.9	6.8	9.9	6.8	6.7	7.4	8.8	6.6	7.2	6.6
11/19 5:50	-29	-15	0	0	0	-29	-28	-2	-21	-31	-20	-1	-7	-29	-31	7.9	7.2	10.6	10.8	9.5	7.1	9.1	9.2	6.7	6.7	7.6	8.9	6.6	7.1	6.5
11/19 6:00	-29	-15	0	0	0	-29	-28	-2	-20	-31	-20	-1	-7	-30	-31	7.9	7.1	11.1	11.0	9.9	6.9	9.2	9.1	6.4	6.4	7.3	8.4	6.6	6.9	6.7
11/19 6:10	-29	-15	0	0	0	-29	-27	-2	-20	-31	-20	-1	-7	-29	-31	7.8	7.1	11.4	11.2	10.7	6.7	8.8	10.1	6.4	6.6	7.4	8.1	7.1	7.7	6.8
11/19 6:20	-30	-15	0	0	0	-30	-28	-2	-20	-31	-21	-1	-8	-30	-32	9.2	8.2	12.1	12.3	12.0	9.1	8.1	9.1	6.2	6.3	6.9	8.1	7.3	7.8	7.1
11/19 6:30	-31	-15	0	0	0	-30	-29	-2	-20	-31	-21	-1	-8	-29	-32	9.4	8.9	12.1	12.1	11.4	6.7	7.5	8.0	5.5	5.8	6.2	8.6	7.0	7.3	7.1
11/19 6:40	-31	-16	0	0	0	-30	-29	-2	-20	-20	-26	-1	-8	-30	-32	8.8	8.4	11.9	11.9	10.9	6.4	7.1	7.2	5.1	5.4	5.7	7.4	6.4	6.9	6.3
11/19 6:50	-30	-17	0	0	0	-30	-30	-2	-20	-22	-34	-1	-8	-29	-34	7.6	7.4	11.1	11.2	10.4	7.4	6.2	6.7	5.0	5.3	5.7	6.2	6.1	6.4	6.0
11/19 7:00	-30	-18	0	0	0	-30	-30	-2	-20	-21	-21	-1	-6	-29	-31	6.1	6.4	10.0	10.5	10.0	7.0	7.1	6.6	5.1	5.2	5.6	6.3	5.7	5.6	5.6
11/19 7:10	-30	-17	0	0	0	-29	-30	-2	-20	-21	-19	-1	-5	-29	-30	6.7	6.7	9.9	10.4	9.9	5.8	7.6	7.1	4.9	5.1	5.4	6.2	5.8	6.0	5.7
11/19 7:20	-31	-15	0	0	0	-30	-30	-2	-20	-21	-20	-1	-6	-29	-30	6.7	6.7	10.0	10.1	9.7	5.8	7.6	7.5	5.4	5.5	5.7	6.6	6.2	6.6	6.1
11/19 7:30	-30	-15	0	0	0	-30	-30	-2	-20	-22	-21	-1	-5	-29	-31	6.0	6.0	9.7	9.9	9.5	6.6	6.8	7.6	5.2	5.2	5.8	6.6	6.0	5.8	5.6
11/19 7:40	-31	-16	0	0	0	-29	-31	-2	-20	-21	-19	-1	-5	-29	-31	6.3	6.0	8.8	9.3	8.7	7.0	5.8	7.0	4.9	5.0	5.6	6.6	5.5	5.3	5.2
11/19 7:50	-31	-15	0	0	0	-31	-30	-2	-19	-22	-20	-1	-4	-29	-30	6.7	5.5	8.4	8.7	7.2	5.4	7.5	7.0	4.9	5.0	5.7	6.0	5.1	5.2	5.3
11/19 8:00	-31																													

11/19 8:20	-33	-16	0	0	0	-29	-30	-3	-20	-21	-21	-1	-5	-29	-32	5.7	5.3	7.8	7.6	6.5	5.4	5.8	6.0	4.8	4.9	5.2	6.7	5.1	4.9	5.2
11/19 8:30	-32	-17	-16	-7	0	-30	-30	-3	-20	-21	-20	-1	-5	-30	-34	5.4	5.1	6.3	6.6	5.6	6.2	5.4	6.3	4.4	4.6	5.1	6.2	5.1	5.1	5.2
11/19 8:40	-31	-16	-20	-16	-26	-29	-30	-3	-20	-22	-20	-1	-5	-30	-33	5.2	4.8	5.6	5.7	5.9	6.0	5.8	6.2	4.7	4.7	4.6	6.7	5.1	5.2	5.5
11/19 8:50	-31	-15	-20	-16	-30	-29	-30	-3	-21	-21	-20	-1	-4	-29	-31	5.2	5.1	5.5	5.5	5.5	6.0	5.8	5.6	4.8	4.6	5.1	5.7	5.7	5.2	5.6
11/19 9:00	-31	-16	-20	-16	-30	-30	-29	-3	-20	-21	-21	-1	-4	-29	-31	5.4	4.6	5.6	5.8	6.5	6.1	5.9	6.9	4.5	4.7	4.9	6.0	5.8	5.4	5.4
11/19 9:10	-31	-15	-21	-16	-29	-29	-29	-3	-20	-21	-19	-1	-4	-29	-31	5.3	4.9	5.9	6.2	6.0	6.9	6.7	6.6	4.3	5.2	4.9	6.6	5.1	5.6	5.3
11/19 9:20	-23	-17	-19	-15	-29	-29	-30	-3	-19	-20	-19	-1	-4	-29	-31	5.6	5.7	5.9	6.2	6.4	6.4	6.5	5.4	5.1	4.5	4.7	6.8	5.5	5.8	5.8
11/19 9:30	-17	-17	-20	-16	-29	-29	-29	-4	-20	-21	-20	-1	-5	-30	-31	6.2	6.1	6.0	5.6	6.0	5.8	6.0	4.3	4.8	4.9	5.2	5.9	5.2	5.9	5.5
11/19 9:40	-15	-15	-21	-17	-29	-29	-26	-3	-20	-21	-21	-1	-5	-30	-31	5.8	5.7	5.9	6.0	5.8	5.6	6.1	4.5	4.6	5.0	4.9	5.4	5.7	5.2	6.2
11/19 9:50	-15	-16	-21	-17	-29	-30	-19	-2	-21	-21	-22	-1	-5	-29	-31	5.5	5.6	6.5	6.1	6.1	6.8	6.2	4.3	4.2	4.5	5.4	5.3	6.1	5.0	4.8
11/19 10:00	-15	-16	-19	-16	-30	-30	-14	-2	-20	-22	-20	-1	-6	-29	-31	5.3	5.6	6.3	6.0	4.9	6.1	5.8	6.0	4.2	4.8	4.5	4.7	5.1	5.3	4.8
11/19 10:10	-14	-16	-19	-16	-27	-30	-14	-3	-20	-22	-21	-1	-6	-30	-31	5.2	5.3	6.2	5.9	5.5	6.1	6.2	5.5	4.3	4.5	4.5	4.6	5.1	4.8	4.8
11/19 10:20	-15	-16	-7	-17	-16	-30	-14	-3	-20	-21	-21	-1	-6	-30	-31	5.2	5.4	6.0	6.3	6.1	6.0	6.3	5.0	3.8	4.5	4.8	4.4	5.0	4.9	5.2
11/19 10:30	-15	-15	-4	-16	-15	-30	-15	-4	-21	-22	-21	-1	-6	-29	-31	4.7	5.2	5.9	6.0	5.9	5.7	6.1	3.5	3.3	3.3	4.0	4.3	4.5	4.3	3.9
11/19 10:40	-15	-16	-5	-16	-14	-30	-15	-4	-20	-21	-21	-1	-5	-30	-31	4.4	4.6	5.3	5.2	5.5	5.7	5.4	3.9	3.7	3.9	4.2	4.1	4.1	4.0	4.5
11/19 10:50	-16	-15	-4	-16	-14	-30	-15	-4	-21	-21	-20	-1	-4	-29	-31	5.3	5.1	5.7	5.6	5.5	5.2	5.1	4.2	3.7	4.2	4.4	4.0	4.5	4.2	4.5
11/19 11:00	-15	-16	-4	-16	-14	-31	-15	-5	-21	-23	-20	-1	-4	-29	-31	5.0	4.7	5.4	5.8	5.0	4.7	4.4	5.9	4.1	4.0	4.6	3.8	4.7	3.7	5.0
11/19 11:10	-15	-15	-4	-17	-14	-28	-15	-5	-20	-21	-20	-1	-5	-29	-32	4.6	4.6	5.3	5.4	4.8	4.8	4.4	5.0	3.6	3.3	4.0	3.7	4.8	4.6	4.9
11/19 11:20	-15	-16	-4	-16	-15	-26	-17	-6	-21	-21	-20	-1	-4	-30	-32	4.7	4.4	4.9	4.1	4.8	4.9	4.8	5.2	3.9	3.8	3.7	3.6	4.9	4.3	4.3
11/19 11:30	-16	-16	-4	-17	-14	-16	-16	-8	-22	-21	-21	-1	-4	-30	-30	4.5	4.4	5.0	4.5	4.4	5.0	5.4	4.3	4.0	4.2	3.9	3.5	4.2	4.2	4.6
11/19 11:40	-16	-17	-5	-17	-14	-14	-14	-10	-19	-20	-20	-17	-5	-29	-30	4.2	4.2	4.7	4.9	4.8	4.7	5.3	3.5	3.3	4.3	4.9	4.3	3.7	3.2	3.5
11/19 11:50	-16	-18	-5	-16	-14	-14	-14	-8	-20	-21	-19	-20	-4	-30	-31	3.8	3.7	4.3	4.0	3.9	3.7	4.4	3.0	2.8	3.0	4.0	4.5	3.8	3.2	2.9
11/19 12:00	-16	-18	-5	-16	-14	-14	-14	-9	-20	-21	-19	-18	-5	-29	-31	3.5	3.2	3.7	3.8	4.0	3.4	3.7	3.6	2.7	2.6	2.9	3.2	3.2	2.9	3.1
11/19 12:10	-16	-15	-5	-16	-15	-13	-14	-10	-21	-22	-19	-18	-4	-30	-30	3.7	4.0	4.3	4.3	4.2	4.2	3.8	4.2	3.7	3.1	2.9	3.0	3.7	3.8	4.2
11/19 12:20	-16	-15	-6	-16	-15	-14	-14	-10	-21	-21	-21	-19	-5	-30	-31	4.0	4.5	4.3	4.1	4.4	4.6	4.2	4.6	4.1	3.7	3.4	3.8	4.5	4.3	4.6
11/19 12:30	-16	-15	-6	-14	-15	-15	-14	-9	-20	-22	-20	-19	-5	-30	-30	5.2	4.8	4.9	4.5	5.1	5.4	4.9	5.0	4.4	4.1	4.2	5.3	5.4	4.6	4.8
11/19 12:40	-15	-15	-6	-6	-15	-15	-14	-9	-20	-21	-21	-20	-4	-30	-31	4.7	4.7	4.9	4.9	5.0	4.6	4.9	5.5	5.5	4.5	5.4	4.8	5.2	5.3	5.6
11/19 12:50	-15	-16	-5	-6	-15	-14	-14	-9	-20	-21	-21	-20	-4	-31	-31	3.7	4.3	4.2	4.5	4.5	4.8	4.6	4.8	4.5	4.9	5.2	4.6	4.9	4.3	4.5
11/19 13:00	-16	-16	-5	-6	-13	-15	-14	-7	-20	-21	-21	-19	-4	-29	-30	4.8	5.2	5.1	5.3	4.9	5.1	4.7	4.9	4.1	4.6	5.5	5.1	4.8	4.8	4.9
11/19 13:10	-16	-16	-5	-6	-14	-16	-14	-7	-21	-21	-20	-20	-4	-29	-31	6.0	6.8	6.8	6.2	5.7	5.4	5.4	5.0	4.4	5.1	5.9	4.6	5.1	4.7	5.0
11/19 13:20	-16	-15	-5	-6	-14	-15	-14	-7	-19	-21	-20	-20	-5	-29	-30	6.5	6.7	6.9	6.9	6.3	6.3	6.7	4.0	4.9	5.6	5.5	5.0	5.0	4.8	4.6
11/19 13:30	-16	-15	-4	-5	-15	-14	-14	-7	-20	-22	-20	-19	-5	-20	-30	6.3	5.6	5.7	6.3	6.8	7.0	6.7	5.3	5.1	5.0	5.5	5.6	4.9	5.3	6.2
11/19 13:40	-16	-15	-5	-5	-14	-15	-14	-7	-19	-22	-21	-19	-4	-15	-31	5.2	4.5	4.8	5.1	5.4	6.0	5.9	5.2	4.7	4.2	4.7	5.3	5.1	4.6	5.0
11/19 13:50	-15	-15	-4	-5	-15	-14	-14	-7	-20	-21	-21	-20	-4	-14	-31	4.1	4.1	4.5	5.0	5.4	5.8	5.6	3.4	4.1	4.4	5.2	4.6	4.3	4.6	4.2
11/19 14:00	-16	-15	-5	-5	-15	-15	-14	-8	-20	-20	-20	-19	-5	-15	-32	4.1	4.7	5.2	5.6	6.1	5.8	6.0	5.5	4.8	5.3	4.6	4.4	5.2	5.4	5.3
11/19 14:10	-16	-15	-4	-5	-15	-15	-14	-8	-21	-21	-20	-20	-6	-15	-32	4.5	4.9	5.3	5.7	6.2	6.4	6.4	5.1	4.4	4.8	4.4	5.2	5.5	4.5	4.1
11/19 14:20	-16	-16	-4	-6	-14	-15	-14	-8	-20	-22	-20	-21	-6	-15	-31	4.8	5.0	5.7	5.8	5.6	5.6	6.2	5.0	3.9	4.9	4.8	4.4	4.5	4.5	4.1
11/19 14:30	-16	-15	-5	-6	-15	-14	-14	-8	-20	-21	-21	-20	-4	-15	-31	5.1	4.5	5.3	6.0	6.1	6.0	5.9	5.3	4.5	5.1	5.0	4.4	4.9	5.0	4.6
11/19 14:40	-15	-15	-5	-6	-15	-13	-14	-8	-19	-22	-20	-19	-5	-14	-31	4.4	4.8	5.3	5.8	6.1	5.5	5.1	5.3	4.6	5.2	5.2	4.6	3.9	4.2	5.1
11/19 14:50	-15	-15	-4	-6	-14	-14	-15	-7	-20	-22	-20	-19	-4	-14	-30	4.2	4.5	5.5	5.8	6.2	5.7	5.8	5.1	4.7	5.0	5.2	5.8	5.0	3.7	4.5
11/19 15:00	-16	-14	-4	-6	-15	-15	-15	-8	-20	-22	-20	-19	-4	-15	-31	4.6	4.7	5.3	5.7	7.2	5.8	6.5	4.0	4.8	4.9	5.1	5.5	5.0	4.3	4.5
11/19 15:10	-16	-15	-4	-6	-14	-15	-15	-7	-21	-22	-20	-20	-4	-14	-31	4.9	5.4	5.8	5.7	5.9	6.1	6.1	4.2	4.1	5.3	5.3	5.0	4.7	4.8	5.4
11/19 15:20	-15	-15	-6	-7	-15	-14	-15	-7	-20	-21	-20	-20	-5	-14	-30	4.9	4.8	6.1	5.6	5.5	5.5	5.7	5.5	4.7	4.8	5.0	4.8	4.3	5.0	5.3
11/19 15:30	-16	-15	-4	-5	-14	-14	-14	-7	-21	-21	-21	-20	-5	-14	-31	5.0	5.4	5.3	5.3	4.8	5.3	5.3	4.8	4.7	4.9	4.0	4.2	4.9	4.0	4.2
11/19 15:40	-16	-14	-5	-5	-14	-14	-15	-8	-20	-21	-20	-20	-5	-14	-26	4.4	4.9	5.5	5.5	5.1	4.6	5.3	5.2	4.2	4.3	4.3	4.1	5.1	4.9	4.5
11/19 15:50	-15	-15	-7	-6	-14	-14	-15	-8	-21	-20	-20	-20	-4	-14	-16	4.8	4.4	5.0	5.1	5.1	4.3	5.0	4.9	4.1	4.6	5.5	4.9	4.8	4.6	3.9
11/19 16:00	-16	-15	-5	-6	-14	-14	-14	-8	-20	-21	-20	-21	-5	-14	-15	4.3	4.4	5.0	4.9	5.2	5.6	5.4	4.3	3.5	4.2	4.4	4.4	4.3	4.1	3.4
11/19 16:10	-16	-14	-6	-6	-14	-14	-15	-7	-20	-22	-21	-19	-5	-15	-16	4.8	5.0	5.4	5.4	5.6	6.4	7.2	4.7	4.3	4.1	4.6	4.3	3.8	3.9	4.3
11/19 16:20	-16	-15	-5	-6	-14	-15	-14	-7	-20	-21	-21	-21	-5	-14	-15	4.9	5.0	5.2	5.1	5.9	7.0	7.1	4.5	4.2	4.4	4.7	4.4	4.0	3.2	4.4
11/19 16:30	-15	-14	-4	-5	-14	-13	-14	-7	-20	-20	-21	-20	-5	-13	-15	4.4	4.2	4.6	4.3	5.5	5.5	7.9	4.6	3.6	3.8	4.2	3.8	4.2	4.4	4.8
11/19 16:40	-16	-15	-5	-6	-14	-15	-14	-7	-19	-20	-22	-20	-4	-13	-15	4.8	4.4	4.7	4.9	5.9	5.5	8.2	4.8	3.9	4.5	4.9	4.1	4.2	4.6	5.0
11/19 16:50	-16	-15	-5	-6	-15	-16	-1																							

11/19 17:10	-15	-15	-4	-5	-15	-15	-15	-6	-20	-20	-21	-20	-6	-14	-16	5.3	4.3	4.9	5.0	6.4	6.1	6.9	5.2	4.4	4.5	5.1	4.3	4.1	4.6	5.2
11/19 17:20	-16	-15	-6	-5	-14	-14	-14	-6	-20	-21	-20	-21	-7	-14	-16	4.8	4.3	4.6	4.9	5.7	5.0	5.7	5.3	4.5	4.7	5.0	4.4	4.2	5.1	5.5
11/19 17:30	-15	-15	-6	-6	-14	-14	-14	-6	-20	-21	-20	-22	-5	-15	-17	4.7	3.8	3.8	3.9	4.5	5.4	6.3	5.4	4.6	4.8	5.6	4.6	4.6	4.9	5.1
11/19 17:40	-15	-15	-4	-6	-15	-14	-15	-6	-20	-21	-21	-21	-4	-14	-17	4.6	3.5	4.1	4.0	5.2	5.0	6.4	4.6	3.9	4.0	4.6	3.9	3.8	4.2	4.5
11/19 17:50	-15	-14	-5	-5	-14	-14	-14	-6	-20	-21	-21	-20	-5	-14	-16	4.9	4.0	4.7	4.4	5.7	5.5	5.2	5.2	4.5	4.5	4.9	4.3	4.2	4.4	4.9
11/19 18:00	-16	-14	-4	-6	-14	-14	-14	-7	-20	-22	-21	-20	-4	-14	-15	4.9	4.1	4.7	4.8	5.6	4.4	3.7	4.6	4.0	4.2	4.6	4.0	3.7	4.0	4.5
11/19 18:10	-16	-14	-4	-5	-14	-14	-14	-7	-20	-22	-20	-20	-4	-14	-15	5.3	4.6	5.0	4.9	6.1	5.4	6.2	4.7	4.0	4.3	4.4	3.9	3.9	4.0	4.6
11/19 18:20	-15	-14	-4	-5	-14	-14	-14	-7	-20	-22	-19	-21	-5	-15	-16	5.1	4.4	4.9	4.5	5.8	5.7	6.3	5.2	4.6	4.7	5.0	4.0	3.8	4.0	4.2
11/19 18:30	-16	-15	-5	-5	-15	-14	-14	-7	-20	-20	-19	-20	-6	-15	-16	5.3	4.9	5.4	5.1	6.0	6.6	6.9	5.6	4.9	4.9	5.0	4.5	4.4	4.8	5.0
11/19 18:40	-16	-15	-4	-5	-14	-15	-15	-8	-20	-21	-18	-20	-7	-13	-15	5.7	4.8	5.4	5.3	5.9	5.6	6.2	6.0	5.4	5.5	5.8	5.0	4.9	5.2	5.4
11/19 18:50	-16	-15	-4	-6	-14	-14	-15	-8	-19	-20	-20	-20	-4	-14	-14	5.8	5.1	5.4	5.0	6.1	5.8	6.7	5.7	5.3	5.4	6.0	5.3	4.9	5.2	5.4
11/19 19:00	-16	-15	-4	-5	-15	-13	-14	-7	-19	-21	-20	-20	-5	-14	-15	5.8	5.2	5.6	5.4	6.3	5.9	6.3	4.5	4.6	4.7	4.9	4.6	4.5	4.4	4.7
11/19 19:10	-15	-15	-5	-6	-14	-14	-15	-7	-20	-21	-20	-20	-4	-15	-15	4.9	4.4	5.1	4.7	5.9	4.7	5.1	4.3	4.5	4.4	4.7	4.1	4.0	4.1	4.5
11/19 19:20	-15	-15	-4	-5	-15	-14	-14	-6	-20	-21	-20	-21	-5	-15	-15	5.4	4.5	5.0	4.9	5.9	5.1	6.6	4.2	4.2	4.3	4.3	3.9	4.1	4.4	4.6
11/19 19:30	-16	-15	-4	-6	-14	-14	-14	-7	-20	-21	-20	-21	-4	-14	-15	5.6	5.2	5.8	5.6	6.1	6.3	6.1	4.0	4.1	3.9	4.4	3.7	3.9	4.3	4.8
11/19 19:40	-16	-16	-4	-6	-14	-15	-14	-7	-20	-21	-20	-20	-4	-14	-15	5.5	4.7	5.4	5.4	6.3	6.4	6.8	4.1	3.8	3.8	4.1	3.6	3.6	4.1	4.8
11/19 19:50	-16	-15	-5	-6	-14	-14	-15	-6	-19	-21	-20	-20	-5	-14	-15	5.7	5.7	6.0	5.9	6.2	5.7	6.9	4.0	4.0	4.1	4.8	3.9	4.0	5.0	5.2
11/19 20:00	-16	-14	-5	-7	-14	-16	-14	-7	-20	-20	-20	-20	-5	-13	-15	6.2	6.6	6.5	6.5	6.4	5.1	7.9	4.4	4.2	4.5	5.5	4.5	4.3	5.7	6.0
11/19 20:10	-17	-15	-6	-7	-15	-15	-16	-8	-20	-20	-20	-20	-5	-14	-16	6.1	6.4	6.4	6.2	6.7	6.6	7.6	4.3	4.2	4.5	5.5	4.5	4.4	5.4	5.6
11/19 20:20	-17	-15	-5	-5	-15	-14	-14	-7	-21	-20	-20	-19	-3	-14	-16	6.0	5.7	6.1	6.0	7.1	5.8	6.4	4.3	4.2	4.5	5.3	4.3	4.4	5.3	5.6
11/19 20:30	-17	-14	-5	-5	-15	-14	-15	-7	-19	-22	-20	-21	-5	-14	-16	5.5	5.7	5.9	5.6	6.8	5.7	6.1	4.0	4.3	4.5	5.2	4.5	4.2	4.8	5.1
11/19 20:40	-17	-15	-5	-6	-15	-15	-14	-7	-20	-22	-21	-21	-4	-14	-15	6.3	6.0	6.5	6.2	6.9	7.1	8.0	4.4	4.7	4.8	5.4	4.8	4.8	5.6	5.9
11/19 20:50	-17	-16	-5	-6	-15	-16	-15	-7	-20	-22	-21	-20	-4	-13	-15	6.2	5.7	6.3	6.4	6.9	7.0	7.8	4.9	5.0	5.3	5.6	5.2	5.1	5.7	5.8
11/19 21:00	-16	-16	-5	-7	-16	-15	-15	-7	-20	-21	-22	-20	-5	-13	-16	6.1	5.7	6.3	6.6	7.2	6.9	8.2	4.9	5.3	5.8	6.0	5.6	5.5	5.9	6.0
11/19 21:10	-17	-17	-6	-6	-14	-14	-14	-7	-20	-22	-19	-20	-5	-13	-15	5.9	5.8	6.3	6.3	5.8	6.7	7.9	5.0	5.5	5.8	5.2	5.7	5.7	6.3	5.5
11/19 21:20	-16	-15	-6	-6	-13	-14	-14	-7	-20	-21	-20	-20	-6	-13	-15	6.4	6.8	6.5	6.2	6.4	6.1	7.7	5.2	5.6	6.1	5.4	6.0	6.0	6.7	5.4
11/19 21:30	-16	-16	-4	-6	-15	-14	-14	-7	-19	-20	-20	-19	-3	-13	-15	5.6	6.2	6.1	5.8	5.3	6.1	6.5	5.0	5.4	5.7	4.8	5.1	5.0	6.3	4.8
11/19 21:40	-16	-14	-4	-5	-14	-14	-14	-7	-19	-21	-20	-20	-4	-14	-16	5.4	5.4	5.4	5.0	5.8	6.3	6.5	5.1	5.5	5.8	4.4	4.6	4.6	5.5	4.5
11/19 21:50	-17	-15	-4	-5	-14	-15	-14	-7	-20	-21	-20	-20	-4	-14	-16	5.5	5.8	5.5	5.5	5.4	6.0	6.2	5.0	5.4	5.6	4.6	4.6	4.6	6.0	4.6
11/19 22:00	-17	-14	-4	-6	-14	-15	-14	-8	-19	-20	-20	-20	-4	-13	-15	4.7	5.6	5.1	4.9	4.8	5.6	6.1	4.9	4.7	5.2	4.3	4.5	4.5	5.8	4.6
11/19 22:10	-17	-15	-4	-5	-15	-15	-14	-6	-19	-20	-20	-19	-4	-14	-16	5.4	6.1	5.5	5.4	5.6	6.0	6.2	4.7	5.1	5.6	4.5	4.4	4.4	5.5	5.0
11/19 22:20	-15	-15	-5	-5	-14	-14	-14	-8	-19	-20	-21	-21	-5	-15	-14	4.5	4.9	5.2	5.0	4.5	4.4	5.0	4.7	4.9	5.1	4.4	4.1	4.3	5.3	4.9
11/19 22:30	-16	-15	-5	-5	-14	-14	-15	-7	-20	-22	-21	-20	-5	-14	-15	4.6	4.7	4.7	4.7	4.2	4.0	4.3	4.6	4.8	5.2	4.1	4.3	4.4	4.8	4.0
11/19 22:40	-15	-15	-4	-6	-14	-14	-15	-6	-20	-21	-20	-20	-3	-14	-15	3.4	3.6	4.1	4.0	4.1	3.4	3.2	4.0	4.3	4.4	3.6	3.8	3.9	4.1	3.5
11/19 22:50	-16	-14	-5	-6	-15	-14	-14	-7	-22	-21	-21	-21	-5	-15	-15	3.2	3.2	3.3	3.2	3.3	2.5	2.1	3.5	3.9	4.1	3.2	3.3	3.4	3.5	3.1
11/19 23:00	-16	-15	-5	-6	-14	-14	-14	-7	-20	-20	-21	-20	-5	-15	-16	2.9	3.1	3.0	2.9	3.0	2.1	2.0	3.2	3.2	3.3	2.4	3.0	2.8	2.9	3.1
11/19 23:10	-15	-14	-4	-5	-14	-14	-15	-7	-19	-20	-22	-20	-3	-15	-14	2.6	2.9	2.7	2.8	2.2	1.8	1.4	3.0	2.8	3.0	2.6	2.8	2.5	2.4	2.7
11/19 23:20	-16	-15	-4	-4	-13	-13	-15	-7	-20	-21	-21	-20	-4	-16	-14	2.2	2.2	2.1	2.2	2.4	1.3	0.9	2.7	2.8	2.8	2.8	2.8	2.7	2.3	2.9
11/19 23:30	-15	-16	-5	-5	-14	-13	-15	-7	-21	-22	-21	-20	-4	-13	-15	2.3	2.3	2.0	1.9	1.7	1.0	0.6	2.1	2.0	2.0	2.1	2.1	1.8	2.2	2.2
11/19 23:40	-15	-14	-4	-4	-14	-14	-14	-8	-21	-20	-21	-18	-4	-13	-16	0.8	0.8	0.9	0.7	0.5	0.7	0.7	1.5	1.3	1.4	1.2	1.9	1.2	1.5	1.2
11/19 23:50	-16	-15	-4	-4	-15	-15	-14	-6	-19	-20	-21	-19	-4	-14	-14	0.4	0.8	1.1	0.8	0.3	0.5	0.6	1.2	1.3	1.3	0.8	2.2	0.5	1.1	0.6
11/20 0:00	-17	-16	-4	-4	-13	-14	-14	-6	-19	-20	-20	-18	-4	-13	-14	0.4	1.0	0.7	0.3	0.6	0.4	0.3	1.1	1.4	1.5	1.6	2.8	0.8	0.8	0.2
11/20 0:10	-16	-16	-4	-4	-13	-13	-15	-6	-20	-20	-20	-18	-4	-13	-14	0.4	0.7	0.3	0.2	0.6	0.7	0.7	1.2	1.3	1.5	1.2	2.6	0.6	0.8	0.7
11/20 0:20	-16	-17	-3	-4	-13	-14	-15	-6	-20	-20	-20	-18	-5	-13	-15	0.4	0.4	0.2	0.2	1.2	0.5	0.5	1.1	1.5	1.4	1.4	2.5	0.6	0.5	0.5
11/20 0:30	-17	-18	-4	-4	-14	-14	-14	-6	-20	-20	-20	-18	-5	-14	-14	0.2	0.4	0.2	0.2	1.5	0.8	1.0	1.7	1.9	2.1	1.8	2.4	1.9	0.7	0.9
11/20 0:40	-16	-18	-4	-5	-14	-14	-15	-6	-20	-20	-20	-18	-5	-13	-14	0.2	0.9	0.5	0.3	0.9	0.5	0.7	1.9	2.0	2.1	0.8	2.0	2.2	0.5	0.3
11/20 0:50	-16	-19	-5	-5	-14	-14	-14	-6	-21	-20	-20	-19	-5	-14	-15	0.5	0.7	0.7	0.3	1.4	0.6	0.7	2.0	2.2	2.1	1.1	2.3	2.2	0.5	0.3
11/20 1:00	-16	-15	-5	-5	-14	-14	-14	-7	-21	-21	-21	-19	-6	-15	-15	0.5	0.3	0.3	0.3	1.4	0.8	1.0	2.1	2.0	2.0	0.8	1.5	1.3	0.3	0.5
11/20 1:10	-16	-14	-5	-5	-14	-15	-14	-7	-21	-21	-21	-19	-6	-15	-15	0.4	0.3	0.2	0.3	0.7	0.6	0.6	2.1	1.4	1.8	0.5	1.7	1.6	0.4	0.5
11/20 1:20	-16	-14	-5	-5	-14	-15	-14	-7	-21	-20	-21	-19	-6	-14	-16	0.4	0.5	0.3	0.2	0.9	0.6	0.8	2.2	1.3	1.8	0.6	2.2	2.1	0.6	0.5
11/20 1:30	-15	-15	-5	-5	-15	-15	-15	-7	-22	-20	-21	-19	-6	-15	-16	0.5	0.8	0.3	0.7	1.0	0.8	1.4	2.6	1.9	2.4	0.8	2.6	2.5	0.5	0.5
11/20 1:40	-15	-14	-5	-4	-14	-15	-14	-7	-22																					

11/20 2:00	-15	-14	-4	-4	-14	-14	-14	-7	-20	-20	-21	-19	-4	-13	-15	0.7	1.1	0.6	0.8	1.1	1.1	1.3	2.0	2.7	2.4	1.8	2.7	1.6	0.8	0.3
11/20 2:10	-15	-14	-4	-4	-15	-15	-15	-7	-20	-20	-22	-20	-4	-13	-16	0.8	1.3	0.5	1.1	1.2	1.3	1.4	1.9	2.4	2.4	3.0	2.9	1.8	1.2	0.2
11/20 2:20	-15	-14	-4	-4	-14	-15	-15	-7	-22	-21	-20	-20	-5	-14	-15	0.7	1.6	1.1	0.5	1.0	0.7	1.0	2.5	3.3	2.9	1.7	2.8	2.4	2.0	0.9
11/20 2:30	-16	-15	-5	-5	-13	-14	-13	-8	-20	-21	-20	-19	-4	-14	-15	0.5	1.7	1.1	0.8	0.6	0.6	0.7	2.3	2.9	2.4	2.7	2.5	1.2	0.7	0.2
11/20 2:40	-15	-15	-5	-4	-14	-14	-13	-8	-20	-22	-21	-19	-4	-14	-15	0.3	2.4	2.0	0.4	0.4	0.5	0.4	2.4	2.8	2.8	2.0	2.7	1.3	0.9	0.5
11/20 2:50	-15	-15	-5	-4	-14	-13	-14	-8	-19	-22	-20	-20	-5	-15	-15	1.6	2.7	2.8	1.8	1.3	1.3	1.1	2.7	3.2	2.7	1.8	3.1	2.2	2.2	1.8
11/20 3:00	-15	-14	-4	-4	-14	-14	-14	-8	-20	-20	-19	-19	-3	-15	-15	2.8	2.7	1.3	2.1	1.8	1.5	1.5	2.9	3.8	2.8	1.9	3.2	1.3	2.6	2.1

APPENDIX F – ATTENDED MEASUREMENT OBSERVER LOGS

This appendix provides the observer logs from the attended measurements which were conducted from 10:00 PM on October 29, 2018 until 1:50 AM on October 30, 2018. During the attended measurements, two turbine-operation curtailments occurred. The appendix provides the logs from Sites A, B, and C in that order.

Deerfield Wind Compliance Monitoring
CSA J2018-1170

Date: Oct. 29, 2018 -- October 30, 2018
Site: A
Personnel: J. Montoya

Observation Time	Noise Source
22:02:00	Wind Gust 2 cars
22:03:00	Wind Gust
22:08:00	Wind Gust trees
22:09:00	Wind Gust
22:10:00	car
22:12:00	Wind Gust 2 trucks
22:13:00	car
22:14:00	Wind Gust trees
22:15:00	Wind Gust car
22:16:00	Wind Gust
22:17:00	2 cars
22:18:00	Wind Gust car
22:20:00	Wind Gust
22:21:00	Wind Gust trees
22:23:00	turbine
22:24:00	2 cars
22:25:00	Wind Gust
22:26:00	Wind Gust
22:28:00	car
22:29:00	car
22:30:00	Wind Gust Turbine shut down start
22:31:00	Wind Gust
22:32:00	Wind Gust car
22:34:00	Wind Gust car
22:35:00	Wind Gust 2 cars
22:36:00	Wind Gust trees car
22:41:00	Wind Gust car
22:43:00	car
22:44:00	Wind Gust car
22:45:00	Wind Gust
22:46:00	2 cars
22:48:00	Wind Gust
22:49:00	Wind Gust
22:57:00	2 cars
22:59:00	
23:00:00	car
23:01:00	Wind Gust
23:02:00	trees
23:09:00	turbine
23:11:00	car truck
23:12:00	truck
23:13:00	turbine
23:15:00	Wind Gust car
23:16:00	turbine
23:19:00	Wind Gust
23:20:00	turbine
23:21:00	2 cars
23:24:00	turbine
23:28:00	2 cars

23:29:00	Wind Gust		
23:30:00	car		
23:32:00	Wind Gust		
23:34:00	turbine	car	
23:35:00	turbine		
23:36:00	Wind Gust		
23:37:00	Wind Gust		
23:39:00	car		
23:40:00	turbine		
23:45:00	Wind Gust	Snow	
23:48:00	turbine		
23:49:00	truck		
23:52:00	Wind Gust		
23:53:00	car		
23:54:00	car		
23:56:00	Wind Gust		
23:57:00	turbine		
10/30/2018			
0:02:00	truck		
0:04:00	Wind Gust	truck	
0:07:00	car		
0:09:00	turbine		
0:11:00	car		
0:13:00	turbine		
0:15:00	Wind Gust		
0:17:00	turbine		
0:18:00	turbine		
0:19:00	2 trucks		
0:20:00	turbine		
0:22:00	turbine		
0:23:00	turbine		
0:26:00	Wind Gust		
0:27:00	car		
0:30:00	car		
0:35:00	car		
0:42:00	car		
0:50:00	car		
0:54:00	2 cars		
0:56:00	2 cars		
0:58:00	car		
1:04:00	car		
1:05:00	car		
1:19:00	car		
1:24:00	car		
1:26:00	car		
1:29:00	Wind Gust		
1:33:00	car		
1:37:00	car		
1:45:00	2 cars		
1:49:00	car		

Deerfield Wind Compliance Monitoring		Date:	Oct. 29, 2018 -- October 30, 2018		Page 1
CSA J2018-1170		Site:	B		
		Personnel:	D. Barrett		

TIME STAMP	TURBINE	CAR/TRUCK	AIRCRAFT	WIND	OTHER
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Observation Time		Noise Source	Comments (relative loudness, etc.)
Start	End		
10:00:11 PM		Wind	
10:01:25 PM	10:01:30 PM	Car/Truck	
10:02:47 PM		Turbine	Turbines audible at times
10:03:15 PM	10:03:29 PM	Car/Truck	
10:03:33 PM		Turbine	
10:04:10 PM		Wind	
10:05:20 PM		Turbine	Turbines audible, although not dominant when wind is blowing
10:08:59 PM	10:09:08 PM	Car/Truck	
10:09:52 PM		Wind	Wind dominant
10:11:25 PM	10:11:34 PM	Wind	Wind gust
10:13:28 PM		Turbine	Turbines audible at times
10:18:07 PM	10:18:13 PM	Wind	Wind gust
10:19:07 PM		Turbine	Turbines audible at times
10:21:38 PM	10:22:30 PM	Wind	Wind gust
10:22:11 PM	10:22:33 PM	Wind	Wind gust
10:23:08 PM	10:23:18 PM	Car/Truck	
10:24:44 PM		Turbine	

Deerfield Wind Compliance Monitoring		Date:	Oct. 29, 2018 -- October 30, 2018		Page 2
CSA J2018-1170		Site:	B		
		Personnel:	D. Barrett		

TIME STAMP	TURBINE	CAR/TRUCK	AIRCRAFT	WIND	OTHER
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Observation Time		Noise Source	Comments (relative loudness, etc.)
Start	End		
10:25:16 PM	10:25:45 PM	Wind	Wind gust
10:30:05 PM	10:30:24 PM	Wind	Wind gust, shut-down #1 started at approximately 10:30 PM
10:32:48 PM	10:32:56 PM	Wind	Wind gust
10:34:37 PM	10:34:49 PM	Wind	Wind gust
10:35:12 PM	10:35:46 PM	Wind	Wind gust
10:35:55 PM	10:36:21 PM	Wind	Wind gust
10:38:19 PM	10:38:58 PM	Wind	Wind gust
10:55:46 PM		Turbine	Turbines back on, can now hear continuously
11:07:35 PM	11:07:47 PM	Car/Truck	
11:08:13 PM		Turbine	Can hear continuously
11:10:45 PM	11:11:04 PM	Car/Truck	
11:11:27 PM		Turbine	Can hear continuously
11:13:36 PM		Other	Trees dripping
11:28:19 PM	11:29:14 PM	Wind	Wind gust
11:29:31 PM		Turbine	Turbines audible, although not dominant when wind is blowing
11:31:24 PM	11:31:57 PM	Aircraft	High overflight
11:32:35 PM		Turbine	

The diagram shows a horizontal flow of data from the 'TIME STAMP' box to five other boxes: 'TURBINE', 'CAR/TRUCK', 'AIRCRAFT', 'WIND', and 'OTHER'. Arrows indicate the direction of data flow from left to right.

Observation Time		Noise Source	Comments (relative loudness, etc.)			
Start	End					
11:33:01 PM		Turbine	Can hear continuously			
11:38:48 PM		Turbine	Turbines audible, although not dominant when wind is blowing			
11:49:17 PM	11:49:25 PM	Wind	Wind gust			
11:50:59 PM	11:51:11 PM	Wind	Wind gust			
11:55:14 PM	11:55:59 PM	Car/Truck				
11:57:21 PM	11:57:42 PM	Wind	Wind gust			
12:19:15 PM	12:19:40 PM	Car/Truck				
12:24:28 AM		Turbine	Turbines audible, although not dominant when wind is blowing			
12:27:10 AM	12:27:37 AM	Wind	Wind gust			
12:28:59 AM	12:29:38 AM	Wind	Wind gust			
12:38:27 AM	12:38:41 AM	Car/Truck				
12:39:29 AM	12:39:43 AM	Car/Truck				
12:58:27 AM	1:20:00 AM	Turbine	Can hear continuously, shut-down #2 started at approx. 1:20 AM			
1:21:22 AM	1:21:34 AM	Car/Truck				
1:25:13 AM	1:25:29 AM	Car/Truck				
1:26:46 AM		Wind	Quiet except for wind in trees			
1:39:00 AM		Turbine	Searsburg turbines (?) barely audible to south			

TIME STAMP	TURBINE	CAR/TRUCK	AIRCRAFT	WIND	OTHER
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[illegible]

**Deerfield Wind Compliance Monitoring
CSA J2018-1170**

Date: Oct. 29, 2018 -- October 30, 2018
Site: C
Personnel: H. Singleton

Summary:

Aircraft = 1 minute 5 seconds
Car/Truck = 5 minutes 40 seconds
East Turbine = 2 hours 23 minutes 28 seconds
Other = 8 minutes 22 seconds
West turbine = 20 minutes 43 seconds
Wind = 51 minutes 25 seconds

Observation Time		Noise Source	Duration		
20181029	21:59:23	Other	1 minute	17	seconds.
20181029	22:00:40	East Turbine	1 minute	27	seconds.
20181029	22:02:07	Wind	6 seconds	765	milliseconds.
20181029	22:02:14	Car/Truck	13 seconds	84	milliseconds.
20181029	22:02:27	Wind	7 seconds	700	milliseconds.
20181029	22:02:35	East Turbine	35 seconds	717	milliseconds.
20181029	22:03:11	Wind	10 seconds	899	milliseconds.
20181029	22:03:22	East Turbine	56 seconds	553	milliseconds.
20181029	22:04:18	Car/Truck	15 seconds	733	milliseconds.
20181029	22:04:34	West Turbine	7 seconds	634	milliseconds.
20181029	22:04:42	Car/Truck	7 seconds	651	milliseconds.
20181029	22:04:49	East Turbine	7 seconds	999	milliseconds.
20181029	22:04:57	Wind	15 seconds	784	milliseconds.
20181029	22:05:13	East Turbine	7 seconds	666	milliseconds.
20181029	22:05:21	Wind	49 seconds	752	milliseconds.
20181029	22:06:10	West Turbine	11 seconds	652	milliseconds.
20181029	22:06:22	East Turbine	47 seconds	33	milliseconds.
20181029	22:07:09	Wind	34 seconds	619	milliseconds.
20181029	22:07:44	Car/Truck	36 seconds	900	milliseconds.
20181029	22:08:21	East Turbine	3 minutes	57	seconds.
20181029	22:12:19	West Turbine	2 minutes	10	seconds.
20181029	22:14:29	Wind	19 seconds	536	milliseconds.
20181029	22:14:48	East Turbine	32 seconds	85	milliseconds.
20181029	22:15:20	West Turbine	20 seconds	300	milliseconds.
20181029	22:15:41	Wind	27 seconds	168	milliseconds.

20181029	22:16:08	West Turbine	56 seconds	820 milliseconds.
20181029	22:17:05	Wind	39 seconds	268 milliseconds.
20181029	22:17:44	West Turbine	28 seconds	301 milliseconds.
20181029	22:18:12	Wind	57 seconds	20 milliseconds.
20181029	22:19:09	West Turbine	42 seconds	85 milliseconds.
20181029	22:19:51	Wind	56 seconds	152 milliseconds.
20181029	22:20:47	West Turbine	1 minute	15 seconds.
20181029	22:22:03	Wind	34 seconds	585 milliseconds.
20181029	22:22:38	East Turbine	9 seconds	867 milliseconds.
20181029	22:22:48	West Turbine	1 minute	11 seconds.
20181029	22:23:59	Wind	25 seconds	518 milliseconds.
20181029	22:24:25	West Turbine	5 seconds	217 milliseconds.
20181029	22:24:30	Car/Truck	15 seconds	683 milliseconds.
20181029	22:24:46	Wind	9 seconds	634 milliseconds.
20181029	22:24:55	West Turbine	19 seconds	883 milliseconds.
20181029	22:25:15	Wind	6 seconds	650 milliseconds.
20181029	22:25:22	East Turbine	46 seconds	918 milliseconds.
20181029	22:26:09	Wind	29 seconds	218 milliseconds.
20181029	22:26:38	East Turbine	1 minute	31 seconds.
20181029	22:28:09	Wind	22 seconds	668 milliseconds.
20181029	22:28:32	East Turbine	2 minutes	3 seconds.
20181029	22:30:36	Wind	6 seconds	801 milliseconds.
20181029	22:30:43	East Turbine	1 minute	1 second.
20181029	22:31:44	Wind	2 minutes	23 seconds.
20181029	22:34:08	East Turbine	37 seconds	285 milliseconds.
20181029	22:34:45	Wind	22 seconds	458 milliseconds.
20181029	22:35:08	East Turbine	2 minutes	48 seconds.
20181029	22:37:56	Wind	3 minutes	42 seconds.
20181029	22:41:39	East Turbine	36 seconds	936 milliseconds.
20181029	22:42:16	Wind	43 seconds	917 milliseconds.
20181029	22:43:00	East Turbine	39 seconds	586 milliseconds.
20181029	22:43:40	Wind	21 seconds	817 milliseconds.
20181029	22:44:01	East Turbine	15 seconds	467 milliseconds.
20181029	22:44:17	Wind	2 minutes	45 seconds.
20181029	22:47:02	East Turbine	23 seconds	567 milliseconds.
20181029	22:47:26	Other	41 seconds	17 milliseconds.
20181029	22:48:07	Wind	12 seconds	669 milliseconds.
20181029	22:48:19	Other	51 seconds	819 milliseconds.
20181029	22:49:11	East Turbine	23 seconds	268 milliseconds.

20181029	22:49:35	Other	13 seconds	300 milliseconds.
20181029	22:49:48	Wind	27 seconds	617 milliseconds.
20181029	22:50:15	Other	13 seconds	984 milliseconds.
20181029	22:50:29	Wind	29 seconds	67 milliseconds.
20181029	22:50:58	East Turbine	22 seconds	419 milliseconds.
20181029	22:51:21	Wind	20 seconds	68 milliseconds.
20181029	22:51:41	East Turbine	1 minute	27 seconds.
20181029	22:53:08	Wind	20 seconds	317 milliseconds.
20181029	22:53:28	East Turbine	27 seconds	434 milliseconds.
20181029	22:53:56	West Turbine	55 seconds	953 milliseconds.
20181029	22:54:52	Wind	51 seconds	736 milliseconds.
20181029	22:55:44	West Turbine	1 minute	2 seconds.
20181029	22:56:46	Wind	1 minute	5 seconds.
20181029	22:57:52	East Turbine	54 seconds	671 milliseconds.
20181029	22:58:46	Wind	58 seconds	786 milliseconds.
20181029	22:59:45	West Turbine	44 seconds	151 milliseconds.
20181029	23:00:29	East Turbine	1 minute	31 seconds.
20181029	23:02:01	Wind	12 seconds	235 milliseconds.
20181029	23:02:13	East Turbine	4 minutes	54 seconds.
20181029	23:07:08	Wind	45 seconds	653 milliseconds.
20181029	23:07:54	East Turbine	59 seconds	952 milliseconds.
20181029	23:08:54	Car/Truck	4 seconds	84 milliseconds.
20181029	23:08:59	East Turbine	1 minute	8 seconds.
20181029	23:10:08	West Turbine	24 seconds	101 milliseconds.
20181029	23:10:32	East Turbine	1 minute	19 seconds.
20181029	23:11:51	Car/Truck	19 seconds	867 milliseconds.
20181029	23:12:11	East Turbine	1 minute	0 seconds.
20181029	23:13:12	Wind	12 seconds	217 milliseconds.
20181029	23:13:24	East Turbine	45 seconds	553 milliseconds.
20181029	23:14:10	Wind	19 seconds	984 milliseconds.
20181029	23:14:29	East Turbine	25 seconds	402 milliseconds.
20181029	23:14:55	Wind	8 seconds	799 milliseconds.
20181029	23:15:04	East Turbine	1 minute	42 seconds.
20181029	23:16:46	Wind	7 seconds	365 milliseconds.
20181029	23:16:53	East Turbine	1 minute	12 seconds.
20181029	23:18:05	Wind	36 seconds	367 milliseconds.
20181029	23:18:42	East Turbine	1 minute	21 seconds.
20181029	23:20:03	West Turbine	17 seconds	735 milliseconds.
20181029	23:20:21	East Turbine	8 seconds	417 milliseconds.

20181029	23:20:29	Wind	5 seconds	449 milliseconds.
20181029	23:20:34	East Turbine	2 minutes	39 seconds.
20181029	23:23:14	Wind	6 seconds	733 milliseconds.
20181029	23:23:20	Other	1 minute	14 seconds.
20181029	23:24:35	East Turbine	20 seconds	534 milliseconds.
20181029	23:24:55	Other	1 minute	9 seconds.
20181029	23:26:05	Wind	7 seconds	414 milliseconds.
20181029	23:26:12	West Turbine	15 seconds	103 milliseconds.
20181029	23:26:27	Other	15 seconds	66 milliseconds.
20181029	23:26:42	Wind	37 seconds	184 milliseconds.
20181029	23:27:19	East Turbine	3 minutes	39 seconds.
20181029	23:30:59	Aircraft	54 seconds	952 milliseconds.
20181029	23:31:54	East Turbine	1 minute	13 seconds.
20181029	23:33:07	Wind	25 seconds	184 milliseconds.
20181029	23:33:33	East Turbine	5 minutes	28 seconds.
20181029	23:39:01	Wind	39 seconds	869 milliseconds.
20181029	23:39:41	East Turbine	1 minute	36 seconds.
20181029	23:41:17	Wind	34 seconds	385 milliseconds.
20181029	23:41:52	East Turbine	7 minutes	58 seconds.
20181029	23:49:50	Wind	10 seconds	818 milliseconds.
20181029	23:50:01	East Turbine	1 minute	0 seconds.
20181029	23:51:01	Wind	1 minute	40 seconds.
20181029	23:52:41	East Turbine	6 seconds	783 milliseconds.
20181029	23:52:48	Wind	38 seconds	902 milliseconds.
20181029	23:53:27	East Turbine	13 seconds	350 milliseconds.
20181029	23:53:40	Wind	54 seconds	304 milliseconds.
20181029	23:54:35	East Turbine	14 seconds	182 milliseconds.
20181029	23:54:49	Wind	38 seconds	803 milliseconds.
20181029	23:55:28	East Turbine	1 minute	3 seconds.
20181029	23:56:31	Car/Truck	20 seconds	632 milliseconds.
20181029	23:56:52	East Turbine	59 seconds	722 milliseconds.
20181029	23:57:51	Other	1 minute	36 seconds.
20181029	23:59:27	West Turbine	26 seconds	835 milliseconds.
20181029	23:59:54	East Turbine	366 milliseconds.	
20181029	23:59:55	East Turbine	13 seconds	668 milliseconds.
20181030	0:00:09	Wind	31 seconds	732 milliseconds.
20181030	0:00:41	East Turbine	2 minutes	24 seconds.
20181030	0:03:06	Wind	27 seconds	151 milliseconds.
20181030	0:03:33	East Turbine	15 seconds	949 milliseconds.

20181030	0:03:49	Wind	2 minutes	54 seconds.
20181030	0:06:43	Other	50 seconds	570 milliseconds.
20181030	0:07:34	West Turbine	1 minute	3 seconds.
20181030	0:08:37	East Turbine	7 minutes	28 seconds.
20181030	0:16:05	West Turbine	1 minute	2 seconds.
20181030	0:17:08	East Turbine	850 milliseconds.	
20181030	0:17:10	East Turbine	21 seconds	284 milliseconds.
20181030	0:17:32	West Turbine	1 minute	26 seconds.
20181030	0:18:58	Wind	16 seconds	83 milliseconds.
20181030	0:19:14	East Turbine	1 minute	20 seconds.
20181030	0:20:34	Car/Truck	17 seconds	614 milliseconds.
20181030	0:20:52	Wind	21 seconds	859 milliseconds.
20181030	0:21:14	East Turbine	1 minute	27 seconds.
20181030	0:22:42	Wind	8 seconds	202 milliseconds.
20181030	0:22:50	East Turbine	1 minute	53 seconds.
20181030	0:24:43	Car/Truck	4 seconds	200 milliseconds.
20181030	0:24:48	Wind	9 seconds	350 milliseconds.
20181030	0:24:57	Car/Truck	20 seconds	750 milliseconds.
20181030	0:25:18	East Turbine	1 minute	2 seconds.
20181030	0:26:20	Wind	14 seconds	316 milliseconds.
20181030	0:26:35	East Turbine	3 minutes	8 seconds.
20181030	0:29:43	Wind	55 seconds	38 milliseconds.
20181030	0:30:38	East Turbine	43 seconds	516 milliseconds.
20181030	0:31:21	Wind	39 seconds	369 milliseconds.
20181030	0:32:01	East Turbine	1 minute	41 seconds.
20181030	0:33:43	Wind	52 seconds	419 milliseconds.
20181030	0:34:35	East Turbine	39 seconds	135 milliseconds.
20181030	0:35:14	Wind	37 seconds	234 milliseconds.
20181030	0:35:51	East Turbine	1 minute	10 seconds.
20181030	0:37:01	West Turbine	22 seconds	284 milliseconds.
20181030	0:37:24	Car/Truck	21 seconds	434 milliseconds.
20181030	0:37:45	West Turbine	17 seconds	467 milliseconds.
20181030	0:38:03	Car/Truck	37 seconds	936 milliseconds.
20181030	0:38:41	West Turbine	41 seconds	718 milliseconds.
20181030	0:39:22	East Turbine	1 minute	50 seconds.
20181030	0:41:12	Car/Truck	6 seconds	500 milliseconds.
20181030	0:41:20	Wind	2 minutes	50 seconds.
20181030	0:44:10	East Turbine	1 minute	7 seconds.
20181030	0:45:17	West Turbine	9 seconds	148 milliseconds.

20181030	0:45:27	East Turbine	1 minute	3 seconds.
20181030	0:46:30	Wind	45 seconds	202 milliseconds.
20181030	0:47:15	East Turbine	1 second	600 milliseconds.
20181030	0:47:17	Wind	22 seconds	68 milliseconds.
20181030	0:47:39	East Turbine	51 seconds	619 milliseconds.
20181030	0:48:30	Wind	48 seconds	468 milliseconds.
20181030	0:49:19	East Turbine	33 seconds	936 milliseconds.
20181030	0:49:53	West Turbine	1 minute	40 seconds.
20181030	0:51:33	East Turbine	1 minute	37 seconds.
20181030	0:53:11	Wind	1 minute	54 seconds.
20181030	0:55:05	Aircraft	10 seconds	933 milliseconds.
20181030	0:55:52	East Turbine	4 minutes	24 seconds.
20181030	1:00:17	Wind	4 seconds	967 milliseconds.
20181030	1:00:22	East Turbine	2 minutes	22 seconds.
20181030	1:02:44	West Turbine	23 seconds	51 milliseconds.
20181030	1:03:07	East Turbine	416 milliseconds.	
20181030	1:03:08	East Turbine	56 seconds	86 milliseconds.
20181030	1:04:05	West Turbine	10 seconds	333 milliseconds.
20181030	1:04:15	East Turbine	35 seconds	34 milliseconds.
20181030	1:04:50	West Turbine	9 seconds	934 milliseconds.
20181030	1:05:00	East Turbine	2 minutes	48 seconds.
20181030	1:07:48	Wind	6 seconds	32 milliseconds.
20181030	1:07:55	Wind	47 seconds	452 milliseconds.
20181030	1:08:43	East Turbine	44 seconds	736 milliseconds.
20181030	1:09:28	Wind	21 seconds	684 milliseconds.
20181030	1:09:49	East Turbine	2 minutes	0 seconds.
20181030	1:11:50	Wind	7 seconds	550 milliseconds.
20181030	1:11:57	Car/Truck	849 milliseconds.	
20181030	1:11:58	Wind	46 seconds	753 milliseconds.
20181030	1:12:45	East Turbine	3 minutes	1 second.
20181030	1:15:47	West Turbine	11 seconds	967 milliseconds.
20181030	1:15:59	East Turbine	4 minutes	29 seconds.
20181030	1:20:28	Wind	19 seconds	438 milliseconds.
20181030	1:20:48	East Turbine	1 minute	41 seconds.
20181030	1:22:29	Car/Truck	24 seconds	98 milliseconds.
20181030	1:22:58	East Turbine	2 minutes	10 seconds.
20181030	1:25:09	Car/Truck	3 seconds	233 milliseconds.
20181030	1:25:13	Wind	43 seconds	218 milliseconds.
20181030	1:25:56	East Turbine	18 seconds	167 milliseconds.

20181030	1:26:14	Car/Truck	26 seconds	352 milliseconds.
20181030	1:26:40	East Turbine	2 minutes	25 seconds.
20181030	1:29:06	Car/Truck	6 seconds	114 milliseconds.
20181030	1:29:12	East Turbine	1 minute	50 seconds.
20181030	1:31:02	Wind	25 seconds	601 milliseconds.
20181030	1:31:28	East Turbine	1 minute	20 seconds.
20181030	1:32:48	Wind	15 seconds	633 milliseconds.
20181030	1:33:04	East Turbine	5 minutes	44 seconds.
20181030	1:38:48	Wind	24 seconds	266 milliseconds.
20181030	1:39:13	East Turbine	5 minutes	45 seconds.
20181030	1:44:58	Wind	17 seconds	17 milliseconds.
20181030	1:45:15	East Turbine	2 minutes	54 seconds.
20181030	1:48:10	Wind	10 seconds	434 milliseconds.
20181030	1:48:20	Car/Truck	37 seconds	751 milliseconds.
20181030	1:48:58	East Turbine	51 seconds	570 milliseconds.
20181030	1:49:50	West Turbine	1 minute	8 seconds.

APPENDIX G – TEMPERATURES BELOW 14 DEGREES FAHRENHEIT

Section 4.0 of the Protocol includes the following requirement:

If cold-weather certified sound monitors are not used, then for the winter season, a report addendum will be prepared which includes sound levels during periods when the temperature is below 14°F. The sound monitoring consultant may include in its reports any information that it believes suggests that the sound level meters are not producing accurate data during times when the temperature falls below 14°F.¹⁶

Although the NTi Audio XL2 sound level meters used for the measurements are certified for use at temperatures below 14°F (-10°C), the PCB 377B02 microphones are not.

During the fall 2018 monitoring program, temperatures, as recorded at Site B, dropped below 14°F twice:

- From 7:50 PM on November 14 until 8:00 AM on November 15
- From 7:50 PM on November 21 until 10:20 AM on November 23

The figures included in Section 0 of this report provide both the temperature and sound level data recorded during these periods, however, no turbine-operation curtailments occurred during either interval. Therefore, no sound level data recorded during periods with temperatures below 14°F were used to calculate “turbine-only” sound levels for comparison to the CPG’s sound level limits.

¹⁶Protocol, Section 4.0 “Reports,” p. 10.