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Adjustment; Conservation
Adjustment*
Witness: *Michael J. Abbott*
Sponsoring Party: *MoPSC Staff*
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MISSOURI PUBLIC SERVICE COMMISSION

INDUSTRY ANALYSIS DIVISION

WATER, SEWER, GAS, AND STEAM DEPARTMENT

REBUTTAL TESTIMONY

OF

MICHAEL J. ABBOTT

**SPIRE MISSOURI INC.,
d/b/a Spire**

CASE NO. GR-2025-0107

*Jefferson City, Missouri
May 2025*

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MICHAEL J. ABBOTT
SPIRE MISSOURI INC.,
d/b/a Spire
CASE NO. GR-2025-0107

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1 A. Yes. Spire Missouri is proposing a rate adjustment mechanism referred to as
2 Distribution Service Adjustment (“DSA”) to replace its WNAR.

3 Q. Briefly describe Spire Missouri’s proposed DSA.

4 A. Spire Missouri’s witness David Yonce explains the DSA mechanism would
5 better address the revenue impacts of changes in usage for weather and would also address
6 revenue effects caused by conservation.¹ Additionally, Mr. Yonce explains that the DSA would
7 adjust for over or under recoveries associated with the Commission approved revenue
8 requirement.² If actual revenue is above the Commission approved revenue requirement,
9 then Spire Missouri would credit its customers for over-recovery. However, if the actual
10 revenue is below the Commission approved revenue requirement, then Spire Missouri would
11 surcharge customers due to under-recovery. Spire Missouri’s DSA is a decoupling rate
12 adjustment mechanism as described in Staff’s direct rate design testimony.³

13 Q. How would the DSA function?

14 A. As described in Spire Missouri’s proposed tariff⁴, for each twelve (12) month
15 billing period ending September 30, Spire Missouri would calculate the DSA by subtracting the
16 actual revenue billed from the applicable customer class and any over-recovery or under
17 recovery balance from the previous year from the Commission approved revenue requirement.
18 This value would then be divided by the annual sales volumes approved by the Commission.
19 Figure 1 shows the formula and components.

¹ David Yonce Direct Testimony page 5, lines 7 and 8; and page 6, line 1.

² David Yonce Direct Testimony page 11, lines 12 through 13.

³ Michael J. Abbott Direct Testimony for Rate Design filed May 7, 2025, pages 1 through 5.

⁴ Spire Missouri Revised Tariff SHEET Nos. 10 and 10.1 for rate case GR-2025-0107.

Figure 1 – DSA Formula and Components⁵

$$DSA = \frac{RR - AR + TU}{BD}$$

RR = The revenue requirement approved by the Commission in the Company's most recent rate proceeding for the applicable customer class.

AR = The actual revenue billed from the applicable customer class, excluding revenues arising from adjustments under this provision.

TU = Any over-recovery or under-recovery balance for the previous year.

BD = The annual sales volumes approved by the Commission in the Company's most recent rate proceeding for the applicable customer class.

The adjustment would be rounded to the nearest \$0.00001/Ccf⁶ and applied to the billings of each applicable customer class commencing November of each year. The adjustment would remain in effect until it is superseded by subsequent DSA factors.⁷

Q. Who are the applicable customers?

A. In accordance with Section 386.266.3, RSMo, eligible customer classes for gas corporations means the residential class and the smallest general service class, which Mr. Yonce also establishes in his testimony.⁸

Q. Mr. Yonce claims Spire Missouri is penalized for offering and promoting its energy efficiency programs and conservation measures⁹, which results in Spire Missouri not achieving a Commission authorized revenue requirement. Does Spire Missouri promote conservation measures and energy efficiency?

A. Yes. Spire Missouri promotes and implements energy efficiency and conservation actions. Additionally, Spire Missouri informs customers that the implementation

⁵ Ibid.

⁶ Ccf is one hundred cubic feet.

⁷ Spire Missouri Revised Tariff SHEET Nos. 10 and 10.1 for rate case GR-2025-0107.

⁸ David Yonce Direct Testimony page 11, lines 21 and 22.

⁹ David Yonce Direct Testimony page 13, lines 6 and 7.

1 of energy efficiency programs and conservation actions "...could save you energy and money
2 every month."¹⁰ Another example is Spire Missouri's webpage regarding the benefits of
3 adjusting water heater temperature, which states, "...one way to create savings..." and "...can
4 help you save energy and reduce utility bills."¹¹

5 Q. But couldn't customers have their own reasons for needing a lower gas bill?

6 A. Yes. Depending on their own economic situation, a customer may make
7 significant sacrifices in comfort to lower their gas bill in order to have enough money for their
8 other needs. Or a customer may have set their own strict monthly budget so as to save up
9 money, such as a renter planning to buy a home.

10 Q. Does Staff agree with Spire Missouri's proposed DSA?

11 A. No. Staff recommends that the Commission reject Spire Missouri's request for
12 a DSA in this proceeding. Staff's determination is based on the position that if the Commission
13 sets the appropriate revenue requirement for this proceeding and grants the DSA, the result will
14 have negative impacts on the affected customers. One way the negative impact would be
15 realized is when customers undertake actions to improve energy efficiency or engage in
16 conservation practices, some of which are promoted by Spire Missouri, to lessen their monthly
17 gas bill; despite these actions, the DSA would allow Spire Missouri to increase charges to
18 customers if the approved revenue requirement is not achieved through no fault of the customer.
19 Another form of this negative impact is on customers who cannot afford to make energy
20 efficiency investments, and cannot further reduce usage. These customers would see their bills
21 rise between rate cases due to the efforts of other customers to lower their own bills.

¹⁰ Rebates and Offers: <https://www.spireenergy.com/rebates-offers>. May 16, 2025.

¹¹ Water Heater Temperature: [Why You Should Adjust Your Water Heater's Temperature | Spire](#). May 16, 2025

1 Q. Is Staff opposed to Spire Missouri achieving a Commission authorized
2 revenue requirement?

3 A. No. Staff is not opposed to Spire Missouri achieving a Commission authorized
4 revenue requirement. The revenue requirement is equivalent to a utility's cost of providing
5 services, plus a reasonable return. Rates are developed, based on the revenue requirement,
6 which will allow Spire Missouri to charge its customers in order to collect revenue. Ideally,
7 Spire Missouri would collect those revenues and its actual cost would not change during the
8 period the rates would be in effect, such that revenues will equal cost, and a fair return would
9 be earned by shareholders.

10 However, in reality, customer usage can be greater than or less than the level used in
11 the rate case to develop rates; cost will be lower or higher than the normalized cost used to
12 develop the revenue requirement; or any combination of these factors as well as other factors
13 will occur, with the resulting revenues or cost to be higher or lower. This is included in the
14 calculation of the reasonable return the shareholders are allowed to earn on their investment,
15 as the investor assumes and is compensated for the risk that cost and revenues will be higher or
16 lower after rates are established. There is no guarantee that revenues will be consistent.

17 Q. Does the fact that Spire Missouri is encouraging energy efficiency and
18 conservation practices support its need for the proposed DSA?

19 A. No. The utilization of Spire Missouri's proposed DSA has a real probability
20 of significantly reducing and even eliminating customers cost savings, undermining
21 Spire Missouri's promotion of energy efficiency and conservation practices conducted by
22 customers. This is because the DSA would afford Spire Missouri with the ability to collect
23 annual revenue amount consistent with the authorized revenue approved by the Commission

1 regardless if customers have reduced usage or taken other steps to reduce their monthly bill.
2 Meaning, a customer can take steps to reduce their monthly bill but could be penalized for this
3 behavior by receiving a bill with a surcharge for the reconciliation amount due to Spire Missouri
4 not achieving the Commission approved revenue requirement amount.

5 Q. In the event that the Commission does not approve Spire Missouri's proposed
6 DSA, did Spire Missouri provide other options?

7 A. Yes. As explained by Mr. Yonce¹², if the Commission does not approve the
8 DSA, Spire Missouri recommends changes to the weather file and proposes to modify the
9 existing WNAR mechanism. Additionally, Spire Missouri also proposes an adjustment be
10 made to address impacts of conservation. Changes to the weather file are covered by Staff
11 witness Michael L. Stahlman in his rebuttal testimony. The proposed changes include:

- 12 1. Changing 30-year normal to 10-year normal weather data;
- 13 2. Owning (i.e., updating and managing) the weather file; and,
- 14 3. Weather data used to calculate normal weather.

15 Q. What other modifications did Spire Missouri's propose in the event that the
16 Commission does not approve of the proposed DSA?

17 A. Spire Missouri also proposes a change to the WNAR mechanism including
18 changes to existing coefficients to "...better reflect the relationship between customer usage
19 and weather."¹³ Additionally, Spire Missouri also proposes the addition of the Small General
20 Service ("SGS") rate class to the WNAR tariff as this rate class is "...very much a weather
21 sensitive rate class..."¹⁴

¹² David Yonce direct testimony page 15, Lines 4 through 6.

¹³ David Yonce direct testimony page 16, line 14.

¹⁴ David Yonce direct testimony page 16, lines 14 through 16.

1 Q. Does Staff oppose these modifications to the WNAR?

2 A. Staff does not oppose the reviewing and possible updating the method for
3 calculating the coefficient, and Staff does not oppose the inclusion of the SGS rate class in the
4 WNAR tariff.¹⁵

5 Additionally, Spire Missouri proposed the addition of a ‘Conservation Adjustment’ in
6 the event that the Commission does not approved the proposed DSA.

7 **CONSERVATION ADJUSTMENT**

8 Q. What is Spire Missouri’s proposed conservation adjustment?

9 A. As described by Mr. Yonce¹⁶, Spire Missouri proposes to add a conservation
10 adjustment to the Residential and General Service rate classes for test year revenues. As noted
11 by Spire Missouri via email correspondence¹⁷, “The conservation adjustment would not be a
12 periodic rate adjustment outside of a general rate proceeding but rather it would be an
13 adjustment as part of the general rate proceeding”. Spire Missouri also stated “The conservation
14 adjustment is based on use per customer and is weather-normalized. Therefore, it accounts for
15 any changes in customer count, and it also accounts for weather impact (i.e., it removes any
16 impact associated with weather), so we’re above to confidently say that the adjustment is not
17 impacted by customer count or weather.”¹⁸

18 Q. What is a conservation adjustment? How would it function?

¹⁵ Melissa Reynolds rebuttal testimony page 8, line 5, through page 9, line 18.

¹⁶ David Yonce direct testimony page 15, line 9 to page 17, line 12.

¹⁷ Schedule MJA-r3.

¹⁸ Ibid.

1 A. As Spire Missouri witness Mr. Yonce explains in response to Staff Data Request
2 (“DR”) 0270¹⁹, and additional workpaper²⁰, the conservation adjustment is a statistical
3 approach model to derive the effects of conservation on usage accomplished with a linear
4 regression equation that is used to calculate normalized use per customer. Additionally,
5 it calculates a 12-month rolling average of the normalized use per customer to reflect the effects
6 of conservation on usage, and can be used to calculate the conservation adjusted 12-month
7 rolling customer usage. Spire Missouri will then take the difference between the conservation
8 adjusted 12-month rolling customer at the beginning and end of the test year to reflect the usage
9 in Ccf²¹ per customer per year lost due to conservation. This amount is then multiplied by the
10 average total bills over the course of the test year to calculate the total usage in Ccf lost due to
11 conservation. This amount is then multiplied by Spire Missouri’s current effective
12 delivery charges.

13 Q. Has Staff determined if the proposed conservation adjustment statistical
14 approach model only accounts for conservation?

15 A. No. It is clear to Staff that the conservation adjustment statistical approach
16 model differences between normal and actual weather determines the normalized use
17 per customer.

18 Q. Does Spire Missouri already have an adjustment for weather?

19 A. Yes, Spire Missouri files annual WNARs.

20 Q. Does Staff not already determine a normalized level of usage in each rate case?

¹⁹ Schedule MJA-r1.

²⁰ Schedule MJA-r2, workpaper submitted with Spire Missouri’s response to Staff DR 0270.

²¹ Ccf is one hundred cubic feet and represents the volume of gas utilized by a customer.

1 A. Yes. However, Spire Missouri's proposed conservation adjustment would go
2 farther in attempting to predict future usage decreases based on past usage decreases.

3 Q. How much does Spire Missouri propose for the conservation adjustment?

4 A. Mr. Yonce states that, based on the historical impact of energy efficiency and
5 conservation, Spire Missouri estimates the adjustment would be \$4 to \$5 million for the
6 Residential class and expects the same value for the General Service class; however,
7 Spire Missouri did not provide an actual value estimation for this class. However, in the
8 provided workpaper in response to Staff DR 0270, Spire Missouri's initial calculation
9 was \$3,368,350, which is the combination of Spire East \$2,156,783 and Spire West \$1,211,566
10 conservation adjustment dollar amounts.

11 Q. Does Staff support this adjustment?

12 A. No. Spire Missouri's conservation adjustment, attempting to predict future
13 declining usage, is an unnecessary attempt to guarantee additional revenue by building an
14 additional buffer in the existing revenue calculations. Spire Missouri already has a WNAR to
15 account for weather, and other events not related to conservation such as customer growth,
16 improving and declining economic cycles, pandemics, etc., can have positive or negative
17 impacts on usage but are not predictable. Staff's position is that the addition of the
18 'conservation adjustment' to already normalized usage is not warranted.

19 **RECOMMENDATIONS AND SUMMARY**

20 Q. What are Staff's recommendations to the Commission regarding Spire
21 Missouri's proposed DSA?

22 A. Staff is recommending that the Commission reject Spire Missouri proposed
23 DSA as it would cause a negative impact to customers and transfers risk from Spire Missouri

1 to the customer.²² In the event that the Commission approves Spire Missouri's proposed DSA,
2 Staff recommends that the Commission acknowledge the reduced business risk that Spire
3 Missouri will experience. Staff offers two approaches for this acknowledgment for the
4 reduction of business risk along with two recommendations:

5 First, the Commission can adjust the return on equity ("ROE") downward by an amount
6 the Commission believes reflects the reduction in business risk the DSA would provide.

7 Second, if the Commission is wary of lowering the ROE, the Commission can approve
8 a capital structure weighted more heavily on the debt side reflecting a lower cost of debt that
9 the DSA may provide due to lower risk Spire Missouri would enjoy if the DSA is approved by
10 the Commission.

11 Staff also recommends, if the Commission approves the DSA, that the component
12 Revenue Requirement ("RR") as established in Figure 1 – DSA Formula and Components on
13 page 3 of this testimony is specific to the revenue requirement specific to applicable customer
14 classes (i.e., not the whole revenue requirement including other rate classes).

15 Additionally, Staff recommends that Spire Missouri's proposed DSA adjustment or over
16 or under-recoveries only associate with the volumetric components of the customer bill.²³

17 Q. What are Staff's recommendations to the Commission regarding Spire
18 Missouri's conservation adjustment?

19 A. Staff is recommending that the Commission reject Spire Missouri proposed
20 conservation adjustment based on the fact that the proposed calculations include customer usage
21 impacts other than weather and conservation.

²² Michael J. Abbott Direct Testimony regarding Decoupling, page 4, lines 13 through 22.

²³ Staff DR 0297. Spire Missouri indicated that the DSA over or under-recovery included both volumetric and fixed but it is agreeable to only adjusting for the volumetric component.

Rebuttal Testimony of
Michael J. Abbott

1 However, if the Commission approves Spire Missouri's conservation adjustment, Staff
2 recommends that the determination focus solely on declining usage specific to conservation
3 impacts. Staff also recommends the Commission apply an adjustment maximum cap to the
4 conservation adjustment that reduce potential rate shock that may occur due to customer
5 monthly bill increases. Lastly, Staff recommends that the Commission ensure that Spire
6 Missouri uses rank, 30-year normal weather²⁴ in its determination conservation adjustment.

7 Q. Does this conclude your rebuttal testimony?

8 A. Yes, it does.

²⁴ Staff witness Michael L. Stahlman rebuttal testimony for GR-2025-0107.

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

In the Matter of Spire Missouri Inc. d/b/a Spire's)
Request for Authority to Implement a General)
Rate Increase for Natural Gas Service Provided)
in the Company's Missouri Service Areas)

Case No. GR-2025-0107

AFFIDAVIT OF MICHAEL J. ABBOTT

STATE OF MISSOURI)
)
COUNTY OF COLE) ss.

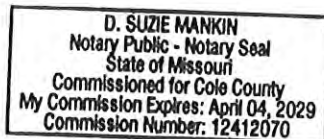
COMES NOW MICHAEL J. ABBOTT and on his oath declares that he is of sound mind and lawful age; that he contributed to the foregoing *Rebuttal Testimony of Michael J. Abbott*; and that the same is true and correct according to his best knowledge and belief.

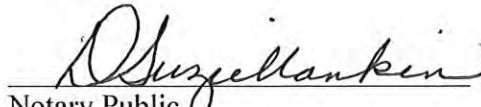
Further the Affiant sayeth not.


MICHAEL J. ABBOTT

JURAT

Subscribed and sworn before me, a duly constituted and authorized Notary Public, in and for the County of Cole, State of Missouri, at my office in Jefferson City, on this 23rd day of May 2025.




Notary Public

Spire Missouri
GR-2025-0107

Response to Data Request 0270

Question:

As established in David Yonce's testimony, page 13, line 4 and 5, "Spire Missouri is simply seeking to be made whole for the impacts of weather and conservation..." How will Spire track the impacts of conservation including, but not limited to, any other factors inducing changes to the volumes of gas sold (e.g., reduced number of residents in customer household, customer on vacation during the billing cycle, etc.)?

Requested by Michael Abbott (michael.abbott@psc.mo.gov)

Response:

See attached excel workbook broken out for Spire East (East tab) and West (West tab). Spire is proposing a statistical approach to model and derive the effects of conservation on its usage. Here are the steps Spire proposes to accomplish this.

1. Develop a linear regression equation weather normalize use per customer. This is done by running regression between actual use per customer (Column C) and actual HDDs (Column D). In the event WNAR remains in place, Spire would propose to use the same equation (i.e. coefficient) here that is used to develop the WNAR coefficient.
2. This equation can then be used to calculate normalized use per customer (Column F).
*Actual Use Per Customer + (Normal HDD - Actual HDD) * coefficient*
3. A 12-month rolling average of the normalized use per customer must then be calculated (Column G) and plotted on a line graph. The equation for the line should be added to the chart. This line reflects the effect of conservation on usage. Note: the charts have been corrected for a formula error compared to what was included in David Yonce's direct testimony. The adjustment had little impact on the results.
4. The equation from the chart can then be used to calculate the conservation adjusted 12-month rolling customer usage (Column J).
5. The difference between the conservation adjusted 12-month rolling customer at the beginning and end of the test year was calculated to reflect the usage (ccf) per customer per year lost due to conservation (Cell J76).
6. This amount is then multiplied by the average total bills over the course of the test year to calculate the total usage (ccf) lost due to conservation.
7. This amount is then multiplied by Spire's currently effective delivery charges (an average between the winter and summer rate was used for this)

This statistical approach is very effective at determining the actual effects of conservation and appropriately accounts for changes in customer count since customer bills is a variable in the equation. This approach will not technically account for a customer being

on vacation during the billing cycle, but a factor such as that should be fairly consistent from year to year and therefore should effectively be reflected in the data every year, which would by definition account for it. If Staff has additional feedback or discussions on this methodology, we are open to discussions for how best to capture the effects of conservation.

Signed by: David Yonce

East	Bills	Use/Customer	Actual HDDs	Normal HDDs (Calendar)	Normalized Use Per Customer			
	Oct-18	21.7	284	210	12.2			
	Nov-18	79.6	786	552	49.4			
	Dec-18	130.4	807	779	126.8			
	Jan-19	142.5	1,062	985	132.5			
	Feb-19	164.5	846	827	162.1			
	Mar-19	135.0	695	544	115.5			
	Apr-19	68.9	226	255	72.6			
	May-19	33.3	89	71	31.0			
	Jun-19	18.9	1	0	18.8			
	Jul-19	14.5	0	-	14.5			
	Aug-19	13.7	0	-	13.7			
	Sep-19	14.0	0	12	15.5		-0.907	773.7
	Oct-19	20.1	282	210	10.8	763.2	1	772.8
	Nov-19	81.6	698	552	62.8	776.7	2	771.9
	Dec-19	116.3	783	779	115.8	765.7	3	771.0
	Jan-20	137.9	910	985	147.6	780.8	4	770.1
	Feb-20	141.8	806	827	144.6	763.3	5	769.2
	Mar-20	110.3	450	544	122.5	770.3	6	768.3
	Apr-20	67.4	332	255	57.4	755.1	7	767.4
	May-20	40.7	120	71	34.4	758.5	8	766.4
	Jun-20	21.3	0	0	21.4	761.0	9	765.5
	Jul-20	15.5	0	-	15.5	762.0	10	764.6
	Aug-20	13.9	0	-	13.9	762.2	11	763.7
	Sep-20	14.7	22	12	13.4	760.1	12	762.8
	Oct-20	26.6	314	210	13.1	762.4	13	761.9
	Nov-20	58.6	425	552	75.1	774.7	14	761.0
	Dec-20	101.0	834	779	93.9	752.8	15	760.1
	Jan-21	151.6	933	985	158.4	763.5	16	759.2
	Feb-21	163.1	1,081	827	130.3	749.3	17	758.3
	Mar-21	119.2	402	544	137.6	764.4	18	757.4
	Apr-21	62.3	268	255	60.6	767.6	19	756.5
	May-21	36.7	125	71	29.8	763.0	20	755.6
	Jun-21	21.3	0	0	21.4	763.0	21	754.7
	Jul-21	14.7	0	-	14.7	762.2	22	753.7
	Aug-21	13.5	0	-	13.5	761.8	23	752.8
	Sep-21	14.4	4	12	15.5	763.9	24	751.9
	Oct-21	16.2	140	210	25.3	776.0	25	751.0
	Nov-21	52.3	550	552	52.6	753.6	26	750.1
	Dec-21	93.0	560	779	121.4	781.1	27	749.2
	Jan-22	132.8	1,106	985	117.2	739.9	28	748.3
	Feb-22	149.0	853	827	145.7	755.2	29	747.4

Mar-22		107.7	493	544	114.4	731.9	30	746.5
Apr-22		72.1	288	255	67.8	739.2	31	745.6
May-22		34.2	65	71	35.0	744.4	32	744.7
Jun-22		17.7	0	0	17.8	740.8	33	743.8
Jul-22		13.0	0	-	13.0	739.1	34	742.9
Aug-22		12.1	0	-	12.1	737.7	35	742.0
Sep-22		14.2	27	12	12.2	734.5	36	741.0
Oct-22		22.2	226	210	20.1	729.3	37	740.1
Nov-22		50.8	550	552	51.1	727.7	38	739.2
Dec-22		111.8	904	779	95.7	702.0	39	738.3
Jan-23		137.1	793	985	162.0	746.8	40	737.4
Feb-23		120.2	613	827	147.9	749.1	41	736.5
Mar-23		91.0	595	544	84.4	719.1	42	735.6
Apr-23		66.5	226	255	70.3	721.6	43	734.7
May-23		30.6	31	71	35.8	722.3	44	733.8
Jun-23		18.5	0	0	18.6	723.1	45	732.9
Jul-23		13.2	0	-	13.2	723.3	46	732.0
Aug-23		12.2	0	-	12.2	723.4	47	731.1
Sep-23		13.8	0	12	15.3	726.5	48	730.2
Oct-23	616,223	17.4	193	210	19.6	726.0	49	729.3
Nov-23	617,706	46.9	471	552	57.5	732.4	50	728.4
Dec-23	621,550	88.4	619	779	109.1	745.8	51	727.4
Jan-24	625,924	131.0	1,020	985	126.5	710.3	52	726.5
Feb-24	625,795	128.1	523	827	167.4	729.8	53	725.6
Mar-24	627,282	70.9	362	544	94.5	739.9	54	724.7
Apr-24	624,463	52.1	181	255	61.6	731.2	55	723.8
May-24	623,544	24.2	2	71	33.1	728.6	56	722.9
Jun-24	624,280	15.7	-	0	15.8	725.8	57	722.0
Jul-24	623,737	12.9	-	-	12.9	725.5	58	721.1
Aug-24	622,462	13.0	-	-	13.0	726.3	59	720.2
Sep-24	621,229	13.5	3	12	14.6	725.6	60	719.3

10.0 ccf/cust/year
6,214,171 total lost ccf
\$ 2,156,783

Combined
9,623,961 total lost ccf
\$ 3,368,350

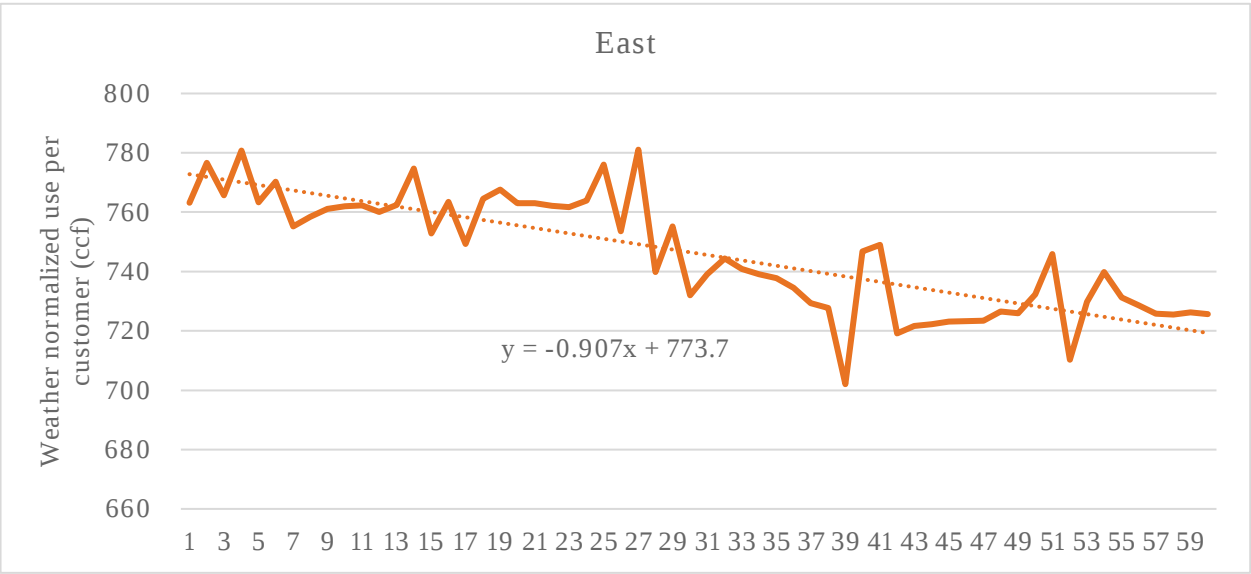
Currently using 10-year Normal for normal HDDs

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.923134
R Square	0.852176
Adjusted R	0.850064
Standard E	19.24135
Observatio	72

ANOVA					
	df	SS	MS	F	Significance F
Regressior	1	149400.8	149400.8	403.535421	8.96665E-31
Residual	70	25916.08	370.2297		
Total	71	175316.9			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	pper 95.0%
Intercept	16.5125	3.182122	5.189147	1.96922E-06	10.16595681	22.85904	10.16596	22.85904
Actual HDI	0.129327	0.006438	20.08819	8.96665E-31	0.116486633	0.142167	0.116487	0.142167



West	Bills	Use/Customer	Actual HDDs	Normal HDDs (Calendar)	Normalized Use Per Customer		
	Oct-18	39.7	334	278	32.4		
	Nov-18	111.6	883	623	77.9		
	Dec-18	129.8	937	894	124.2		
	Jan-19	166.5	1,144	1,066	156.4		
	Feb-19	151.6	1,047	928	136.1		
	Mar-19	111.2	769	608	90.4		
	Apr-19	37.4	272	327	44.5		
	May-19	24.3	144	103	19.1		
	Jun-19	12.3	1	1	12.4		
	Jul-19	11.8	0	0	11.8		
	Aug-19	12.0	0	1	12.1		
	Sep-19	11.8	0	28	15.5	-0.6155	744.01
	Oct-19	49.0	442	278	27.7	728.0	1 743.4
	Nov-19	95.8	727	623	82.4	732.5	2 742.8
	Dec-19	118.8	840	894	125.7	734.0	3 742.2
	Jan-20	144.1	1,015	1,066	150.6	728.3	4 741.5
	Feb-20	126.2	859	928	135.1	727.4	5 740.9
	Mar-20	71.6	503	608	85.2	722.2	6 740.3
	Apr-20	50.5	380	327	43.7	721.4	7 739.7
	May-20	27.3	149	103	21.4	723.7	8 739.1
	Jun-20	12.4	0	1	12.6	724.0	9 738.5
	Jul-20	12.5	0	0	12.5	724.7	10 737.9
	Aug-20	12.3	1	1	12.2	724.8	11 737.2
	Sep-20	14.4	70	28	9.1	718.4	12 736.6
	Oct-20	50.1	396	278	34.8	725.5	13 736.0
	Nov-20	66.7	479	623	85.4	728.5	14 735.4
	Dec-20	124.6	879	894	126.4	729.2	15 734.8
	Jan-21	142.0	959	1,066	155.8	734.4	16 734.2
	Feb-21	172.7	1,171	928	141.3	740.5	17 733.5
	Mar-21	70.7	460	608	89.9	745.3	18 732.9
	Apr-21	46.4	315	327	47.9	749.4	19 732.3
	May-21	25.5	123	103	23.0	751.0	20 731.7
	Jun-21	12.2	0	1	12.4	750.8	21 731.1
	Jul-21	11.9	0	0	11.9	750.2	22 730.5
	Aug-21	11.9	0	1	12.0	750.0	23 729.9
	Sep-21	12.0	16	28	13.6	754.5	24 729.2
	Oct-21	27.8	205	278	37.2	756.9	25 728.6

Nov-21		68.8	555	623	77.6	749.2	26	728.0
Dec-21		90.2	679	894	118.0	740.8	27	727.4
Jan-22		158.0	1,104	1,066	153.1	738.0	28	726.8
Feb-22		131.7	925	928	132.1	728.8	29	726.2
Mar-22		89.6	631	608	86.7	725.6	30	725.5
Apr-22		51.7	353	327	48.3	726.0	31	724.9
May-22		22.5	110	103	21.6	724.6	32	724.3
Jun-22		12.0	4	1	11.7	723.9	33	723.7
Jul-22		11.4	0	0	11.5	723.5	34	723.1
Aug-22		11.6	0	1	11.7	723.2	35	722.5
Sep-22		12.5	25	28	12.9	722.5	36	721.9
Oct-22		32.2	230	278	38.4	723.8	37	721.2
Nov-22		88.0	643	623	85.5	731.6	38	720.6
Dec-22		142.4	989	894	130.1	743.7	39	720.0
Jan-23		131.3	893	1,066	153.7	744.3	40	719.4
Feb-23		104.9	768	928	125.6	737.8	41	718.8
Mar-23		93.4	711	608	80.1	731.2	42	718.2
Apr-23		38.7	298	327	42.4	725.3	43	717.5
May-23		17.4	60	103	23.0	726.7	44	716.9
Jun-23		12.2	3	1	12.1	727.0	45	716.3
Jul-23		11.5	0	0	11.5	727.0	46	715.7
Aug-23		11.6	0	1	11.7	727.0	47	715.1
Sep-23		11.2	1	28	14.7	728.8	48	714.5
Oct-23	493,211	33.0	279	278	32.8	723.2	49	713.9
Nov-23	498,396	71.9	585	623	76.9	714.6	50	713.2
Dec-23	502,647	98.8	768	894	115.1	699.6	51	712.6
Jan-24	505,957	166.4	1,240	1,066	143.8	689.7	52	712.0
Feb-24	505,344	80.1	601	928	122.4	686.5	53	711.4
Mar-24	507,967	61.3	492	608	76.3	682.7	54	710.8
Apr-24	505,747	31.6	237	327	43.2	683.5	55	710.2
May-24	505,826	21.8	40	103	30.0	690.5	56	709.5
Jun-24	506,319	13.80	-	1	14.0	692.4	57	708.9
Jul-24	505,727	11.54	-	0	11.6	692.5	58	708.3
Aug-24	502,882	11.79	3	1	11.5	692.3	59	707.7
Sep-24	503,472	11.78	14	28	13.6	691.2	60	707.1

6.8 ccf/cust/year
3,409,790 total lost ccf
\$ 1,211,566

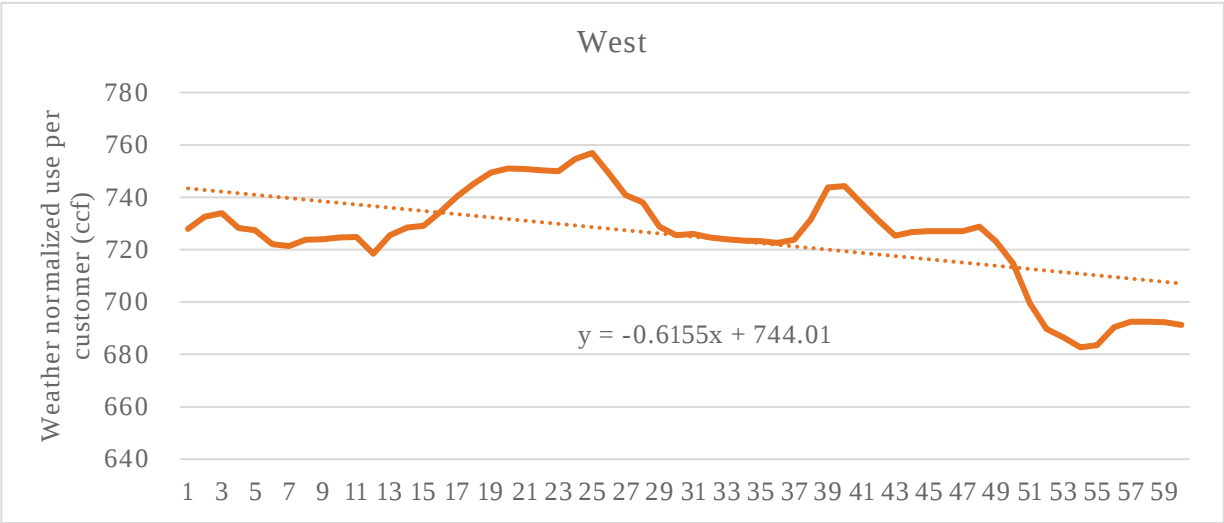
Currently using 10-year Normal for normal HDDs

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.992527
R Square	0.985111
Adjusted R	0.984898
Standard E	6.261408
Observatio	72

ANOVA					
	df	SS	MS	F	Significance F
Regressior	1	181571.3	181571.3	4631.304742	1.07595E-65
Residual	70	2744.366	39.20523		
Total	71	184315.7			

	Coefficient	standard Error	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	pper 95.0%
Intercept	7.981215	1.059161	7.535414	1.30759E-10	5.868785422	10.09364	5.868785	10.09364
Actual HDI	0.129507	0.001903	68.05369	1.07595E-65	0.125711828	0.133303	0.125712	0.133303



Raw Data

Daily Observed Min/Max Temperature & Precipitation

Date	Month/Day Month		St Louis MO - KSTL					
			Min (F)	Max (F)	Avg (F)	Precip (in)	Calc DD	
	01/01/14	0101	1	24	48	36	0.11	29
	01/02/14	0102	1	8	24	16	0.09	49
	01/03/14	0103	1	4	30	17	0	48
	01/04/14	0104	1	27	46	36.5	0	28.5
	01/05/14	0105	1	2	35	18.5	0.65	46.5
	01/06/14	0106	1	-8	2	-3	0	68
	01/07/14	0107	1	-4	24	10	0	55
	01/08/14	0108	1	20	28	24	0	41
	01/09/14	0109	1	20	34	27	0.07	38
	01/10/14	0110	1	34	46	40	0.43	25
	01/11/14	0111	1	35	49	42	0.02	23
	01/12/14	0112	1	28	59	43.5	0	21.5
	01/13/14	0113	1	32	59	45.5	0	19.5
	01/14/14	0114	1	29	49	39	0.01	26
	01/15/14	0115	1	22	31	26.5	0	38.5
	01/16/14	0116	1	25	47	36	0.03	29
	01/17/14	0117	1	15	25	20	0	45
	01/18/14	0118	1	16	43	29.5	0.06	35.5
	01/19/14	0119	1	23	53	38	0	27
	01/20/14	0120	1	33	50	41.5	0	23.5
	01/21/14	0121	1	12	40	26	0.08	39
	01/22/14	0122	1	13	30	21.5	0	43.5
	01/23/14	0123	1	2	14	8	0	57
	01/24/14	0124	1	6	36	21	0	44
	01/25/14	0125	1	22	43	32.5	0	32.5
	01/26/14	0126	1	26	60	43	0	22
	01/27/14	0127	1	7	25	16	0	49
	01/28/14	0128	1	3	20	11.5	0	53.5
	01/29/14	0129	1	12	35	23.5	0	41.5
	01/30/14	0130	1	25	47	36	0	29
	01/31/14	0131	1	28	39	33.5	0	31.5
	02/01/14	0201	2	28	37	32.5	0.53	32.5
	02/02/14	0202	2	13	28	20.5	0	44.5
	02/03/14	0203	2	8	30	19	0	46
	02/04/14	0204	2	22	28	25	0.37	40
	02/05/14	0205	2	11	22	16.5	0.11	48.5
	02/06/14	0206	2	-1	13	6	0	59
	02/07/14	0207	2	0	19	9.5	0	55.5
	02/08/14	0208	2	16	30	23	0.04	42
	02/09/14	0209	2	17	28	22.5	0.02	42.5
	02/10/14	0210	2	6	17	11.5	0	53.5
	02/11/14	0211	2	-1	20	9.5	0	55.5
	02/12/14	0212	2	4	34	19	0	46
	02/13/14	0213	2	11	49	30	0	35
	02/14/14	0214	2	18	37	27.5	0.09	37.5

Schedule MJA-r2

Case No. GR-2025-0107

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Monthly Average Calendar Degree Days

	Total DD	Avg DD
January	9,848.5	984.9
February	8,272.5	827.3
March	5,441.5	544.2
April	2,546.5	254.7
May	710.0	71.0
June	4.0	0.4
July	-	-
August	-	-
September	118.0	11.8
October	2,099.5	210.0
November	5,521.5	552.2
December	7,788.0	778.8
		4,235.0

Daily Average Calendar Degree Days

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	30.8	29.0	20.8	17.9	4.8	0.3	-	-	-	1.6	16.5	22.3
2	31.0	30.2	26.5	13.2	4.4	-	-	-	-	1.9	12.9	21.9
3	31.1	30.7	25.7	7.5	4.0	-	-	-	-	3.6	10.1	21.6
4	33.7	32.2	25.3	11.9	4.8	-	-	-	-	4.9	7.7	22.6
5	34.9	35.3	23.0	11.3	4.0	-	-	-	-	2.1	9.8	22.6
6	39.4	32.7	20.4	10.7	3.1	-	-	-	0.5	0.8	11.7	25.5
7	35.1	31.7	18.1	11.0	1.8	-	-	-	0.1	2.8	13.7	27.9
8	32.4	32.5	17.0	11.1	2.4	-	-	-	-	3.0	14.7	24.4
9	31.3	33.0	14.1	10.5	3.4	-	-	-	-	2.6	13.6	23.6
10	29.1	34.9	17.1	7.7	3.6	-	-	-	-	2.4	14.0	25.4
11	26.7	32.7	18.9	5.7	4.6	-	-	-	0.4	4.8	19.3	22.2
12	30.6	36.2	21.7	6.1	3.9	0.1	-	-	1.2	5.8	25.1	22.0
13	32.3	35.9	18.2	6.7	3.7	-	-	-	1.2	4.9	26.2	21.7
14	30.5	31.9	17.2	11.3	3.6	-	-	-	0.5	5.2	23.5	23.0
15	31.4	30.9	16.3	11.4	2.3	-	-	-	-	7.9	20.0	24.9
16	31.7	30.8	16.7	10.7	2.5	-	-	-	0.5	10.0	19.3	24.3
17	32.6	29.6	16.1	9.2	2.5	-	-	-	0.5	9.6	18.5	30.3
18	29.6	28.2	20.1	7.7	1.7	-	-	-	0.1	9.2	21.3	33.1
19	31.3	25.3	19.5	7.1	1.7	-	-	-	0.6	8.0	22.8	29.5
20	33.8	20.4	15.4	8.0	1.9	-	-	-	0.3	5.4	21.7	25.3
21	31.8	22.6	13.5	7.0	1.9	-	-	-	0.1	6.4	21.7	22.9
22	31.3	20.8	14.8	8.2	0.8	-	-	-	0.3	6.3	23.4	24.9
23	32.9	24.1	15.0	7.7	0.6	-	-	-	1.1	5.4	19.3	24.2
24	30.2	26.5	17.9	5.5	0.4	-	-	-	-	7.6	16.8	25.3
25	30.1	29.9	15.7	6.2	-	-	-	-	-	9.7	20.1	25.1
26	30.4	30.1	15.0	5.9	-	-	-	-	0.5	10.2	22.9	23.0
27	32.7	24.8	13.7	4.4	0.4	-	-	-	0.5	10.3	22.2	26.3
28	32.3	21.0	15.2	4.6	0.7	-	-	-	1.4	12.9	23.9	26.8
29	33.7	4.0	12.6	4.6	0.9	-	-	-	1.7	14.5	18.6	27.3
30	33.1		10.2	4.5	0.7	-	-	-	0.6	14.6	21.7	29.3
31	27.8		13.0	-	0.8	-	-	-	-	16.4	-	30.2
	984.9	827.3	544.2	254.7	71.0	0.4	-	-	11.8	210.0	552.2	778.8

02/15/14	0215	2	13	44	28.5	0	36.5
02/16/14	0216	2	26	45	35.5	0	29.5
02/17/14	0217	2	26	45	35.5	0.09	29.5
02/18/14	0218	2	38	63	50.5	0	14.5
02/19/14	0219	2	35	54	44.5	0	20.5
02/20/14	0220	2	40	73	56.5	0.23	8.5
02/21/14	0221	2	34	57	45.5	0	19.5
02/22/14	0222	2	31	62	46.5	0	18.5
02/23/14	0223	2	27	38	32.5	0	32.5
02/24/14	0224	2	23	38	30.5	0	34.5
02/25/14	0225	2	19	32	25.5	0	39.5
02/26/14	0226	2	11	28	19.5	0	45.5
02/27/14	0227	2	19	29	24	0	41
02/28/14	0228	2	19	48	33.5	0	31.5
03/01/14	0301	3	24	43	33.5	0	31.5
03/02/14	0302	3	7	24	15.5	0.32	49.5
03/03/14	0303	3	4	24	14	0	51
03/04/14	0304	3	14	39	26.5	0	38.5
03/05/14	0305	3	23	42	32.5	0	32.5
03/06/14	0306	3	25	48	36.5	0	28.5
03/07/14	0307	3	27	62	44.5	0	20.5
03/08/14	0308	3	36	45	40.5	0	24.5
03/09/14	0309	3	29	59	44	0	21
03/10/14	0310	3	45	80	62.5	0	2.5
03/11/14	0311	3	43	83	63	0.38	2
03/12/14	0312	3	34	47	40.5	0.47	24.5
03/13/14	0313	3	29	64	46.5	0	18.5
03/14/14	0314	3	42	69	55.5	0	9.5
03/15/14	0315	3	36	72	54	0	11
03/16/14	0316	3	27	48	37.5	0	27.5
03/17/14	0317	3	20	49	34.5	0	30.5
03/18/14	0318	3	35	60	47.5	0	17.5
03/19/14	0319	3	34	53	43.5	0.01	21.5
03/20/14	0320	3	31	69	50	0	15
03/21/14	0321	3	49	77	63	0	2
03/22/14	0322	3	36	51	43.5	0	21.5
03/23/14	0323	3	28	43	35.5	0	29.5
03/24/14	0324	3	26	40	33	0	32
03/25/14	0325	3	26	41	33.5	0	31.5
03/26/14	0326	3	21	54	37.5	0	27.5
03/27/14	0327	3	41	62	51.5	0.19	13.5
03/28/14	0328	3	41	52	46.5	0.01	18.5
03/29/14	0329	3	34	48	41	0	24
03/30/14	0330	3	30	66	48	0	17
03/31/14	0331	3	48	69	58.5	0	6.5
04/01/14	0401	4	41	61	51	0.07	14
04/02/14	0402	4	46	55	50.5	2.53	14.5
04/03/14	0403	4	55	66	60.5	2.21	4.5
04/04/14	0404	4	42	59	50.5	0.02	14.5

04/05/14	0405	4	39	55	47	0	18
04/06/14	0406	4	39	60	49.5	0	15.5
04/07/14	0407	4	46	53	49.5	0.66	15.5
04/08/14	0408	4	46	63	54.5	0	10.5
04/09/14	0409	4	38	69	53.5	0	11.5
04/10/14	0410	4	55	84	69.5	0	0
04/11/14	0411	4	54	74	64	0	1
04/12/14	0412	4	57	83	70	0	0
04/13/14	0413	4	60	76	68	0.49	0
04/14/14	0414	4	35	60	47.5	0.07	17.5
04/15/14	0415	4	31	50	40.5	0	24.5
04/16/14	0416	4	39	59	49	0	16
04/17/14	0417	4	45	68	56.5	0	8.5
04/18/14	0418	4	45	72	58.5	0	6.5
04/19/14	0419	4	48	76	62	0	3
04/20/14	0420	4	52	83	67.5	0	0
04/21/14	0421	4	61	76	68.5	0.02	0
04/22/14	0422	4	52	69	60.5	0	4.5
04/23/14	0423	4	47	66	56.5	0	8.5
04/24/14	0424	4	53	81	67	0.5	0
04/25/14	0425	4	50	77	63.5	0	1.5
04/26/14	0426	4	60	80	70	0	0
04/27/14	0427	4	61	81	71	0.5	0
04/28/14	0428	4	61	76	68.5	1.15	0
04/29/14	0429	4	54	67	60.5	0	4.5
04/30/14	0430	4	46	59	52.5	0	12.5
05/01/14	0501	5	43	56	49.5	0	15.5
05/02/14	0502	5	48	63	55.5	0	9.5
05/03/14	0503	5	57	77	67	0	0
05/04/14	0504	5	52	80	66	0	0
05/05/14	0505	5	57	88	72.5	0	0
05/06/14	0506	5	58	87	72.5	0	0
05/07/14	0507	5	71	86	78.5	0	0
05/08/14	0508	5	71	89	80	0.02	0
05/09/14	0509	5	64	81	72.5	0	0
05/10/14	0510	5	59	84	71.5	0	0
05/11/14	0511	5	63	88	75.5	0.32	0
05/12/14	0512	5	70	89	79.5	0.03	0
05/13/14	0513	5	53	70	61.5	0.17	3.5
05/14/14	0514	5	48	55	51.5	0.46	13.5
05/15/14	0515	5	47	64	55.5	0.42	9.5
05/16/14	0516	5	43	60	51.5	0	13.5
05/17/14	0517	5	42	65	53.5	0	11.5
05/18/14	0518	5	48	69	58.5	0	6.5
05/19/14	0519	5	55	79	67	0	0
05/20/14	0520	5	63	89	76	0	0
05/21/14	0521	5	71	89	80	0.13	0
05/22/14	0522	5	67	80	73.5	0	0
05/23/14	0523	5	65	82	73.5	0	0

05/24/14	0524	5	60	82	71	0	0
05/25/14	0525	5	64	79	71.5	1.48	0
05/26/14	0526	5	68	88	78	0.05	0
05/27/14	0527	5	67	87	77	0	0
05/28/14	0528	5	67	87	77	0	0
05/29/14	0529	5	70	86	78	0	0
05/30/14	0530	5	70	86	78	0	0
05/31/14	0531	5	69	89	79	0.14	0
06/01/14	0601	6	71	90	80.5	0	0
06/02/14	0602	6	75	85	80	0	0
06/03/14	0603	6	73	92	82.5	0	0
06/04/14	0604	6	68	85	76.5	0.87	0
06/05/14	0605	6	65	75	70	0	0
06/06/14	0606	6	64	84	74	0	0
06/07/14	0607	6	67	79	73	0.66	0
06/08/14	0608	6	64	77	70.5	0	0
06/09/14	0609	6	64	79	71.5	0.86	0
06/10/14	0610	6	64	80	72	0.43	0
06/11/14	0611	6	63	75	69	0	0
06/12/14	0612	6	62	82	72	0.15	0
06/13/14	0613	6	60	76	68	0	0
06/14/14	0614	6	56	81	68.5	0	0
06/15/14	0615	6	67	88	77.5	0	0
06/16/14	0616	6	75	92	83.5	0	0
06/17/14	0617	6	78	92	85	0	0
06/18/14	0618	6	77	94	85.5	0	0
06/19/14	0619	6	77	95	86	0	0
06/20/14	0620	6	75	92	83.5	0	0
06/21/14	0621	6	70	94	82	0.73	0
06/22/14	0622	6	70	87	78.5	0	0
06/23/14	0623	6	73	90	81.5	0.06	0
06/24/14	0624	6	72	88	80	0.51	0
06/25/14	0625	6	70	90	80	0	0
06/26/14	0626	6	72	92	82	0	0
06/27/14	0627	6	73	88	80.5	0.95	0
06/28/14	0628	6	74	90	82	0	0
06/29/14	0629	6	75	86	80.5	0	0
06/30/14	0630	6	76	94	85	0	0
07/01/14	0701	7	75	89	82	0.02	0
07/02/14	0702	7	62	78	70	0	0
07/03/14	0703	7	60	80	70	0	0
07/04/14	0704	7	63	84	73.5	0	0
07/05/14	0705	7	63	82	72.5	0	0
07/06/14	0706	7	72	92	82	0	0
07/07/14	0707	7	78	92	85	0	0
07/08/14	0708	7	68	88	78	0.33	0
07/09/14	0709	7	67	87	77	0	0
07/10/14	0710	7	66	84	75	0	0
07/11/14	0711	7	66	90	78	0	0

07/12/14	0712	7	80	97	88.5	0	0
07/13/14	0713	7	77	92	84.5	0.11	0
07/14/14	0714	7	67	90	78.5	1.11	0
07/15/14	0715	7	59	76	67.5	0	0
07/16/14	0716	7	59	79	69	0	0
07/17/14	0717	7	61	80	70.5	0	0
07/18/14	0718	7	65	82	73.5	0	0
07/19/14	0719	7	63	84	73.5	0	0
07/20/14	0720	7	65	87	76	0	0
07/21/14	0721	7	70	89	79.5	0	0
07/22/14	0722	7	73	93	83	0	0
07/23/14	0723	7	69	85	77	0	0
07/24/14	0724	7	61	82	71.5	0	0
07/25/14	0725	7	64	81	72.5	0.02	0
07/26/14	0726	7	73	99	86	0	0
07/27/14	0727	7	72	94	83	0	0
07/28/14	0728	7	62	81	71.5	0	0
07/29/14	0729	7	59	82	70.5	0	0
07/30/14	0730	7	64	86	75	0	0
07/31/14	0731	7	65	86	75.5	0	0
08/01/14	0801	8	68	87	77.5	0	0
08/02/14	0802	8	63	87	75	0	0
08/03/14	0803	8	65	89	77	0	0
08/04/14	0804	8	71	92	81.5	0	0
08/05/14	0805	8	71	89	80	0.23	0
08/06/14	0806	8	70	89	79.5	0.66	0
08/07/14	0807	8	71	76	73.5	2.27	0
08/08/14	0808	8	72	83	77.5	0.01	0
08/09/14	0809	8	70	82	76	0.01	0
08/10/14	0810	8	72	84	78	0	0
08/11/14	0811	8	70	87	78.5	0	0
08/12/14	0812	8	65	82	73.5	0	0
08/13/14	0813	8	61	82	71.5	0	0
08/14/14	0814	8	63	86	74.5	0	0
08/15/14	0815	8	67	87	77	0.09	0
08/16/14	0816	8	71	81	76	0.97	0
08/17/14	0817	8	72	80	76	0.19	0
08/18/14	0818	8	72	89	80.5	0	0
08/19/14	0819	8	73	89	81	0	0
08/20/14	0820	8	75	91	83	0.02	0
08/21/14	0821	8	75	96	85.5	0	0
08/22/14	0822	8	79	95	87	0	0
08/23/14	0823	8	80	99	89.5	0	0
08/24/14	0824	8	79	98	88.5	0	0
08/25/14	0825	8	81	100	90.5	0	0
08/26/14	0826	8	75	98	86.5	0.03	0
08/27/14	0827	8	75	95	85	0.22	0
08/28/14	0828	8	72	92	82	0.19	0
08/29/14	0829	8	75	93	84	0	0

08/30/14	0830	8	76	88	82	0.16	0
08/31/14	0831	8	73	93	83	0	0
09/01/14	0901	9	69	87	78	1.59	0
09/02/14	0902	9	70	84	77	0.59	0
09/03/14	0903	9	67	88	77.5	0	0
09/04/14	0904	9	75	97	86	0	0
09/05/14	0905	9	69	97	83	0.01	0
09/06/14	0906	9	63	75	69	0.02	0
09/07/14	0907	9	56	78	67	0	0
09/08/14	0908	9	58	83	70.5	0	0
09/09/14	0909	9	71	89	80	0.56	0
09/10/14	0910	9	67	89	78	1.13	0
09/11/14	0911	9	56	67	61.5	0	3.5
09/12/14	0912	9	52	60	56	0.01	9
09/13/14	0913	9	45	65	55	0	10
09/14/14	0914	9	47	73	60	0	5
09/15/14	0915	9	58	78	68	0.03	0
09/16/14	0916	9	54	67	60.5	0	4.5
09/17/14	0917	9	53	67	60	0.08	5
09/18/14	0918	9	61	75	68	0	0
09/19/14	0919	9	56	80	68	0	0
09/20/14	0920	9	65	87	76	0	0
09/21/14	0921	9	57	79	68	0	0
09/22/14	0922	9	53	75	64	0	1
09/23/14	0923	9	51	75	63	0	2
09/24/14	0924	9	53	79	66	0	0
09/25/14	0925	9	61	85	73	0	0
09/26/14	0926	9	64	84	74	0	0
09/27/14	0927	9	62	84	73	0	0
09/28/14	0928	9	60	86	73	0	0
09/29/14	0929	9	61	88	74.5	0	0
09/30/14	0930	9	61	87	74	0	0
10/01/14	1001	10	62	88	75	0.24	0
10/02/14	1002	10	66	77	71.5	1.2	0
10/03/14	1003	10	46	66	56	0.28	9
10/04/14	1004	10	42	58	50	0	15
10/05/14	1005	10	44	75	59.5	0	5.5
10/06/14	1006	10	58	74	66	0	0
10/07/14	1007	10	55	78	66.5	0.14	0
10/08/14	1008	10	51	78	64.5	0	0.5
10/09/14	1009	10	57	63	60	0.7	5
10/10/14	1010	10	52	59	55.5	0.81	9.5
10/11/14	1011	10	48	57	52.5	0	12.5
10/12/14	1012	10	52	63	57.5	0.06	7.5
10/13/14	1013	10	61	71	66	0.84	0
10/14/14	1014	10	54	63	58.5	0.19	6.5
10/15/14	1015	10	51	58	54.5	0.04	10.5
10/16/14	1016	10	47	73	60	0	5
10/17/14	1017	10	52	69	60.5	0	4.5

10/18/14	1018	10	46	65	55.5	0	9.5
10/19/14	1019	10	41	64	52.5	0	12.5
10/20/14	1020	10	52	74	63	0	2
10/21/14	1021	10	48	68	58	0	7
10/22/14	1022	10	43	63	53	0	12
10/23/14	1023	10	42	65	53.5	0	11.5
10/24/14	1024	10	51	75	63	0	2
10/25/14	1025	10	57	82	69.5	0	0
10/26/14	1026	10	52	78	65	0	0
10/27/14	1027	10	63	84	73.5	0	0
10/28/14	1028	10	50	72	61	0.49	4
10/29/14	1029	10	43	59	51	0	14
10/30/14	1030	10	39	62	50.5	0	14.5
10/31/14	1031	10	35	49	42	0	23
11/01/14	1101	11	31	50	40.5	0	24.5
11/02/14	1102	11	31	52	41.5	0	23.5
11/03/14	1103	11	47	72	59.5	0	5.5
11/04/14	1104	11	46	63	54.5	0.58	10.5
11/05/14	1105	11	44	63	53.5	0	11.5
11/06/14	1106	11	38	53	45.5	0	19.5
11/07/14	1107	11	30	55	42.5	0	22.5
11/08/14	1108	11	37	54	45.5	0	19.5
11/09/14	1109	11	34	64	49	0	16
11/10/14	1110	11	44	73	58.5	0	6.5
11/11/14	1111	11	33	63	48	0	17
11/12/14	1112	11	27	35	31	0	34
11/13/14	1113	11	22	32	27	0	38
11/14/14	1114	11	19	36	27.5	0	37.5
11/15/14	1115	11	23	39	31	0.04	34
11/16/14	1116	11	25	35	30	0.13	35
11/17/14	1117	11	18	27	22.5	0	42.5
11/18/14	1118	11	14	29	21.5	0	43.5
11/19/14	1119	11	25	45	35	0	30
11/20/14	1120	11	21	40	30.5	0	34.5
11/21/14	1121	11	22	43	32.5	0.04	32.5
11/22/14	1122	11	43	60	51.5	0.1	13.5
11/23/14	1123	11	53	57	55	0.84	10
11/24/14	1124	11	35	57	46	0.48	19
11/25/14	1125	11	27	42	34.5	0	30.5
11/26/14	1126	11	27	36	31.5	0.24	33.5
11/27/14	1127	11	24	35	29.5	0	35.5
11/28/14	1128	11	26	52	39	0	26
11/29/14	1129	11	44	66	55	0	10
11/30/14	1130	11	30	72	51	0.01	14
12/01/14	1201	12	25	34	29.5	0.08	35.5
12/02/14	1202	12	28	37	32.5	0	32.5
12/03/14	1203	12	32	48	40	0	25
12/04/14	1204	12	34	41	37.5	0.03	27.5
12/05/14	1205	12	41	47	44	1.35	21

12/06/14	1206	12	33	43	38	0	27
12/07/14	1207	12	29	42	35.5	0	29.5
12/08/14	1208	12	39	49	44	0	21
12/09/14	1209	12	34	40	37	0	28
12/10/14	1210	12	33	37	35	0	30
12/11/14	1211	12	32	42	37	0	28
12/12/14	1212	12	32	51	41.5	0	23.5
12/13/14	1213	12	36	56	46	0	19
12/14/14	1214	12	49	63	56	0	9
12/15/14	1215	12	45	53	49	0.33	16
12/16/14	1216	12	32	45	38.5	0	26.5
12/17/14	1217	12	31	39	35	0	30
12/18/14	1218	12	30	37	33.5	0.01	31.5
12/19/14	1219	12	32	39	35.5	0	29.5
12/20/14	1220	12	36	43	39.5	0	25.5
12/21/14	1221	12	41	45	43	0	22
12/22/14	1222	12	40	52	46	0.68	19
12/23/14	1223	12	39	51	45	0	20
12/24/14	1224	12	38	43	40.5	0.02	24.5
12/25/14	1225	12	35	54	44.5	0	20.5
12/26/14	1226	12	38	62	50	0.08	15
12/27/14	1227	12	34	50	42	0.14	23
12/28/14	1228	12	26	38	32	0	33
12/29/14	1229	12	21	40	30.5	0	34.5
12/30/14	1230	12	19	33	26	0	39
12/31/14	1231	12	13	29	21	0	44
01/01/15	0101	1	24	41	32.5	0.02	32.5
01/02/15	0102	1	35	41	38	0.03	27
01/03/15	0103	1	37	42	39.5	0.61	25.5
01/04/15	0104	1	16	40	28	0.01	37
01/05/15	0105	1	12	26	19	0	46
01/06/15	0106	1	22	30	26	0.01	39
01/07/15	0107	1	4	22	13	0.02	52
01/08/15	0108	1	3	32	17.5	0	47.5
01/09/15	0109	1	13	32	22.5	0	42.5
01/10/15	0110	1	10	34	22	0	43
01/11/15	0111	1	32	38	35	0.28	30
01/12/15	0112	1	16	36	26	0.04	39
01/13/15	0113	1	13	28	20.5	0	44.5
01/14/15	0114	1	13	30	21.5	0	43.5
01/15/15	0115	1	20	47	33.5	0	31.5
01/16/15	0116	1	24	53	38.5	0	26.5
01/17/15	0117	1	31	63	47	0	18
01/18/15	0118	1	36	58	47	0	18
01/19/15	0119	1	30	56	43	0	22
01/20/15	0120	1	30	51	40.5	0	24.5
01/21/15	0121	1	29	48	38.5	0	26.5
01/22/15	0122	1	27	37	32	0	33
01/23/15	0123	1	29	41	35	0	30

01/24/15	0124	1	30	55	42.5	0	22.5
01/25/15	0125	1	31	52	41.5	0.19	23.5
01/26/15	0126	1	25	42	33.5	0	31.5
01/27/15	0127	1	29	46	37.5	0	27.5
01/28/15	0128	1	28	52	40	0	25
01/29/15	0129	1	37	54	45.5	0	19.5
01/30/15	0130	1	28	41	34.5	0	30.5
01/31/15	0131	1	32	47	39.5	0	25.5
02/01/15	0201	2	23	42	32.5	0.66	32.5
02/02/15	0202	2	18	29	23.5	0	41.5
02/03/15	0203	2	23	50	36.5	0	28.5
02/04/15	0204	2	16	41	28.5	0.06	36.5
02/05/15	0205	2	7	28	17.5	0	47.5
02/06/15	0206	2	23	54	38.5	0	26.5
02/07/15	0207	2	34	71	52.5	0	12.5
02/08/15	0208	2	41	68	54.5	0	10.5
02/09/15	0209	2	31	41	36	0	29
02/10/15	0210	2	28	44	36	0	29
02/11/15	0211	2	29	42	35.5	0	29.5
02/12/15	0212	2	13	29	21	0	44
02/13/15	0213	2	19	42	30.5	0	34.5
02/14/15	0214	2	12	38	25	0.01	40
02/15/15	0215	2	11	20	15.5	0.14	49.5
02/16/15	0216	2	8	21	14.5	0.25	50.5
02/17/15	0217	2	10	35	22.5	0.02	42.5
02/18/15	0218	2	6	22	14	0.01	51
02/19/15	0219	2	1	18	9.5	0	55.5
02/20/15	0220	2	12	28	20	0.13	45
02/21/15	0221	2	28	41	34.5	0.1	30.5
02/22/15	0222	2	14	36	25	0	40
02/23/15	0223	2	5	16	10.5	0	54.5
02/24/15	0224	2	12	43	27.5	0	37.5
02/25/15	0225	2	22	45	33.5	0	31.5
02/26/15	0226	2	9	33	21	0.05	44
02/27/15	0227	2	2	20	11	0	54
02/28/15	0228	2	15	28	21.5	0.31	43.5
03/01/15	0301	3	19	32	25.5	0.04	39.5
03/02/15	0302	3	13	35	24	0	41
03/03/15	0303	3	32	48	40	0.12	25
03/04/15	0304	3	20	37	28.5	0.01	36.5
03/05/15	0305	3	15	26	20.5	0	44.5
03/06/15	0306	3	15	51	33	0	32
03/07/15	0307	3	39	67	53	0	12
03/08/15	0308	3	35	63	49	0	16
03/09/15	0309	3	34	58	46	0	19
03/10/15	0310	3	42	57	49.5	0.2	15.5
03/11/15	0311	3	36	75	55.5	0	9.5
03/12/15	0312	3	41	68	54.5	0	10.5
03/13/15	0313	3	48	54	51	0.97	14

03/14/15	0314	3	45	63	54	0.18	11
03/15/15	0315	3	38	74	56	0	9
03/16/15	0316	3	47	83	65	0	0
03/17/15	0317	3	41	68	54.5	0	10.5
03/18/15	0318	3	39	47	43	0.03	22
03/19/15	0319	3	40	51	45.5	0	19.5
03/20/15	0320	3	42	57	49.5	0	15.5
03/21/15	0321	3	42	69	55.5	0	9.5
03/22/15	0322	3	45	65	55	0	10
03/23/15	0323	3	37	68	52.5	0.13	12.5
03/24/15	0324	3	34	47	40.5	0.59	24.5
03/25/15	0325	3	46	60	53	0.28	12
03/26/15	0326	3	38	51	44.5	0.07	20.5
03/27/15	0327	3	30	44	37	0	28
03/28/15	0328	3	28	46	37	0	28
03/29/15	0329	3	35	61	48	0.02	17
03/30/15	0330	3	38	72	55	0	10
03/31/15	0331	3	50	77	63.5	0	1.5
04/01/15	0401	4	50	78	64	0	1
04/02/15	0402	4	61	75	68	0.39	0
04/03/15	0403	4	42	61	51.5	0.52	13.5
04/04/15	0404	4	32	63	47.5	0	17.5
04/05/15	0405	4	43	69	56	0	9
04/06/15	0406	4	56	67	61.5	0	3.5
04/07/15	0407	4	62	73	67.5	1.77	0
04/08/15	0408	4	63	77	70	0.48	0
04/09/15	0409	4	53	84	68.5	1.14	0
04/10/15	0410	4	45	71	58	0	7
04/11/15	0411	4	43	68	55.5	0	9.5
04/12/15	0412	4	54	77	65.5	0	0
04/13/15	0413	4	59	71	65	0.06	0
04/14/15	0414	4	56	69	62.5	0	2.5
04/15/15	0415	4	54	70	62	0	3
04/16/15	0416	4	52	79	65.5	0	0
04/17/15	0417	4	58	80	69	0	0
04/18/15	0418	4	59	79	69	0	0
04/19/15	0419	4	57	67	62	0.77	3
04/20/15	0420	4	49	58	53.5	0	11.5
04/21/15	0421	4	47	68	57.5	0	7.5
04/22/15	0422	4	43	59	51	0	14
04/23/15	0423	4	38	66	52	0	13
04/24/15	0424	4	45	67	56	0	9
04/25/15	0425	4	50	71	60.5	0.29	4.5
04/26/15	0426	4	48	64	56	0	9
04/27/15	0427	4	42	67	54.5	0	10.5
04/28/15	0428	4	43	70	56.5	0	8.5
04/29/15	0429	4	46	76	61	0	4
04/30/15	0430	4	50	72	61	0	4
05/01/15	0501	5	44	72	58	0	7

05/02/15	0502	5	55	80	67.5	0	0
05/03/15	0503	5	64	85	74.5	0	0
05/04/15	0504	5	68	86	77	0.01	0
05/05/15	0505	5	67	85	76	0	0
05/06/15	0506	5	67	87	77	0	0
05/07/15	0507	5	68	86	77	0	0
05/08/15	0508	5	66	77	71.5	0.3	0
05/09/15	0509	5	65	73	69	0.31	0
05/10/15	0510	5	66	84	75	0.56	0
05/11/15	0511	5	57	75	66	0.55	0
05/12/15	0512	5	52	70	61	0	4
05/13/15	0513	5	50	71	60.5	0	4.5
05/14/15	0514	5	58	77	67.5	0.05	0
05/15/15	0515	5	67	85	76	0.35	0
05/16/15	0516	5	69	79	74	0.09	0
05/17/15	0517	5	66	83	74.5	0.15	0
05/18/15	0518	5	59	85	72	0	0
05/19/15	0519	5	48	67	57.5	0	7.5
05/20/15	0520	5	48	57	52.5	0.24	12.5
05/21/15	0521	5	46	67	56.5	0	8.5
05/22/15	0522	5	53	76	64.5	0	0.5
05/23/15	0523	5	63	79	71	0	0
05/24/15	0524	5	65	87	76	0.02	0
05/25/15	0525	5	70	86	78	0	0
05/26/15	0526	5	68	81	74.5	0.15	0
05/27/15	0527	5	62	85	73.5	0	0
05/28/15	0528	5	62	86	74	0	0
05/29/15	0529	5	69	86	77.5	0.04	0
05/30/15	0530	5	54	75	64.5	0.54	0.5
05/31/15	0531	5	54	60	57	0	8
06/01/15	0601	6	57	67	62	0	3
06/02/15	0602	6	59	74	66.5	0	0
06/03/15	0603	6	60	77	68.5	0	0
06/04/15	0604	6	67	78	72.5	0.1	0
06/05/15	0605	6	62	87	74.5	1.9	0
06/06/15	0606	6	62	85	73.5	0	0
06/07/15	0607	6	70	94	82	0	0
06/08/15	0608	6	68	87	77.5	1.38	0
06/09/15	0609	6	68	92	80	0	0
06/10/15	0610	6	73	95	84	0	0
06/11/15	0611	6	73	93	83	0	0
06/12/15	0612	6	75	93	84	0.07	0
06/13/15	0613	6	75	90	82.5	0.02	0
06/14/15	0614	6	74	83	78.5	2.43	0
06/15/15	0615	6	74	90	82	0.11	0
06/16/15	0616	6	75	83	79	0.7	0
06/17/15	0617	6	73	80	76.5	0.08	0
06/18/15	0618	6	73	81	77	0.86	0
06/19/15	0619	6	72	76	74	1.34	0

06/20/15	0620	6	71	90	80.5	0	0
06/21/15	0621	6	70	89	79.5	0.38	0
06/22/15	0622	6	76	93	84.5	0	0
06/23/15	0623	6	71	88	79.5	0	0
06/24/15	0624	6	69	87	78	0	0
06/25/15	0625	6	71	95	83	1.37	0
06/26/15	0626	6	70	83	76.5	1.12	0
06/27/15	0627	6	67	82	74.5	0	0
06/28/15	0628	6	66	84	75	1.02	0
06/29/15	0629	6	70	85	77.5	0.02	0
06/30/15	0630	6	70	86	78	0	0
07/01/15	0701	7	72	87	79.5	0.85	0
07/02/15	0702	7	65	78	71.5	0.05	0
07/03/15	0703	7	67	83	75	0	0
07/04/15	0704	7	68	84	76	0	0
07/05/15	0705	7	67	89	78	0	0
07/06/15	0706	7	74	90	82	0.14	0
07/07/15	0707	7	66	81	73.5	0.04	0
07/08/15	0708	7	60	74	67	1.01	0
07/09/15	0709	7	63	79	71	0	0
07/10/15	0710	7	67	80	73.5	0.77	0
07/11/15	0711	7	73	94	83.5	0	0
07/12/15	0712	7	74	96	85	0	0
07/13/15	0713	7	80	99	89.5	0	0
07/14/15	0714	7	80	97	88.5	0	0
07/15/15	0715	7	72	87	79.5	0	0
07/16/15	0716	7	75	92	83.5	0	0
07/17/15	0717	7	81	95	88	0	0
07/18/15	0718	7	84	94	89	0	0
07/19/15	0719	7	73	87	80	0.45	0
07/20/15	0720	7	73	85	79	0.56	0
07/21/15	0721	7	72	85	78.5	0	0
07/22/15	0722	7	69	85	77	0	0
07/23/15	0723	7	72	88	80	0	0
07/24/15	0724	7	71	92	81.5	0	0
07/25/15	0725	7	79	92	85.5	0	0
07/26/15	0726	7	73	90	81.5	0.21	0
07/27/15	0727	7	78	97	87.5	0.03	0
07/28/15	0728	7	76	100	88	0	0
07/29/15	0729	7	73	91	82	0	0
07/30/15	0730	7	69	92	80.5	0	0
07/31/15	0731	7	71	94	82.5	0	0
08/01/15	0801	8	73	92	82.5	0	0
08/02/15	0802	8	76	96	86	0	0
08/03/15	0803	8	76	94	85	0	0
08/04/15	0804	8	75	92	83.5	0	0
08/05/15	0805	8	72	84	78	2.29	0
08/06/15	0806	8	71	86	78.5	0	0
08/07/15	0807	8	68	88	78	0	0

08/08/15	0808	8	73	91	82	0	0
08/09/15	0809	8	74	91	82.5	1.49	0
08/10/15	0810	8	74	90	82	0.05	0
08/11/15	0811	8	71	87	79	0	0
08/12/15	0812	8	69	88	78.5	0	0
08/13/15	0813	8	68	89	78.5	0	0
08/14/15	0814	8	73	90	81.5	0	0
08/15/15	0815	8	72	91	81.5	0	0
08/16/15	0816	8	73	91	82	0	0
08/17/15	0817	8	75	91	83	0.06	0
08/18/15	0818	8	69	91	80	0.4	0
08/19/15	0819	8	63	74	68.5	0.55	0
08/20/15	0820	8	60	83	71.5	0	0
08/21/15	0821	8	63	83	73	0	0
08/22/15	0822	8	65	78	71.5	0.91	0
08/23/15	0823	8	65	81	73	0	0
08/24/15	0824	8	57	81	69	0	0
08/25/15	0825	8	58	80	69	0	0
08/26/15	0826	8	59	80	69.5	0	0
08/27/15	0827	8	59	80	69.5	0	0
08/28/15	0828	8	63	83	73	0	0
08/29/15	0829	8	72	84	78	0	0
08/30/15	0830	8	73	89	81	0	0
08/31/15	0831	8	75	91	83	0	0
09/01/15	0901	9	75	93	84	0	0
09/02/15	0902	9	75	94	84.5	0	0
09/03/15	0903	9	76	94	85	0	0
09/04/15	0904	9	76	96	86	0	0
09/05/15	0905	9	74	93	83.5	0	0
09/06/15	0906	9	76	96	86	0	0
09/07/15	0907	9	77	91	84	0	0
09/08/15	0908	9	70	91	80.5	0.39	0
09/09/15	0909	9	72	86	79	1.37	0
09/10/15	0910	9	69	88	78.5	0.32	0
09/11/15	0911	9	59	77	68	0.3	0
09/12/15	0912	9	54	70	62	0	3
09/13/15	0913	9	51	75	63	0	2
09/14/15	0914	9	60	83	71.5	0	0
09/15/15	0915	9	60	85	72.5	0	0
09/16/15	0916	9	62	87	74.5	0	0
09/17/15	0917	9	71	91	81	0	0
09/18/15	0918	9	76	92	84	0	0
09/19/15	0919	9	59	81	70	0	0
09/20/15	0920	9	57	76	66.5	0	0
09/21/15	0921	9	56	79	67.5	0	0
09/22/15	0922	9	59	83	71	0	0
09/23/15	0923	9	59	85	72	0	0
09/24/15	0924	9	60	85	72.5	0	0
09/25/15	0925	9	60	86	73	0	0

09/26/15	0926	9	62	77	69.5	0	0
09/27/15	0927	9	68	77	72.5	0	0
09/28/15	0928	9	66	84	75	0	0
09/29/15	0929	9	63	79	71	1.03	0
09/30/15	0930	9	56	72	64	0	1
10/01/15	1001	10	49	69	59	0	6
10/02/15	1002	10	49	70	59.5	0	5.5
10/03/15	1003	10	47	60	53.5	0	11.5
10/04/15	1004	10	50	60	55	0	10
10/05/15	1005	10	54	72	63	0	2
10/06/15	1006	10	61	77	69	0	0
10/07/15	1007	10	62	75	68.5	0	0
10/08/15	1008	10	59	85	72	0	0
10/09/15	1009	10	54	70	62	0	3
10/10/15	1010	10	50	71	60.5	0	4.5
10/11/15	1011	10	54	81	67.5	0	0
10/12/15	1012	10	64	81	72.5	0	0
10/13/15	1013	10	53	74	63.5	0	1.5
10/14/15	1014	10	49	76	62.5	0	2.5
10/15/15	1015	10	50	81	65.5	0	0
10/16/15	1016	10	45	65	55	0	10
10/17/15	1017	10	40	56	48	0	17
10/18/15	1018	10	36	63	49.5	0	15.5
10/19/15	1019	10	50	79	64.5	0	0.5
10/20/15	1020	10	56	81	68.5	0	0
10/21/15	1021	10	59	86	72.5	0.01	0
10/22/15	1022	10	61	83	72	0	0
10/23/15	1023	10	64	76	70	0.01	0
10/24/15	1024	10	52	71	61.5	0	3.5
10/25/15	1025	10	47	64	55.5	0	9.5
10/26/15	1026	10	45	70	57.5	0	7.5
10/27/15	1027	10	55	62	58.5	0.72	6.5
10/28/15	1028	10	47	61	54	0.02	11
10/29/15	1029	10	41	58	49.5	0	15.5
10/30/15	1030	10	38	58	48	0	17
10/31/15	1031	10	50	62	56	0.22	9
11/01/15	1101	11	47	72	59.5	0	5.5
11/02/15	1102	11	46	71	58.5	0	6.5
11/03/15	1103	11	53	66	59.5	0	5.5
11/04/15	1104	11	59	70	64.5	0	0.5
11/05/15	1105	11	60	69	64.5	1.37	0.5
11/06/15	1106	11	48	68	58	0	7
11/07/15	1107	11	41	59	50	0	15
11/08/15	1108	11	36	57	46.5	0	18.5
11/09/15	1109	11	35	60	47.5	0	17.5
11/10/15	1110	11	35	65	50	0	15
11/11/15	1111	11	50	68	59	0.17	6
11/12/15	1112	11	46	61	53.5	0	11.5
11/13/15	1113	11	38	60	49	0	16

11/14/15	1114	11	35	71	53	0	12
11/15/15	1115	11	44	68	56	0	9
11/16/15	1116	11	50	57	53.5	1.03	11.5
11/17/15	1117	11	54	69	61.5	1.86	3.5
11/18/15	1118	11	50	66	58	0.04	7
11/19/15	1119	11	36	56	46	0	19
11/20/15	1120	11	33	54	43.5	0.02	21.5
11/21/15	1121	11	25	47	36	0.52	29
11/22/15	1122	11	23	43	33	0	32
11/23/15	1123	11	35	61	48	0	17
11/24/15	1124	11	35	65	50	0	15
11/25/15	1125	11	41	60	50.5	0.01	14.5
11/26/15	1126	11	59	72	65.5	0	0
11/27/15	1127	11	40	66	53	1.24	12
11/28/15	1128	11	37	40	38.5	0.01	26.5
11/29/15	1129	11	39	42	40.5	0.09	24.5
11/30/15	1130	11	40	48	44	0.12	21
12/01/15	1201	12	36	53	44.5	0	20.5
12/02/15	1202	12	34	45	39.5	0.01	25.5
12/03/15	1203	12	32	49	40.5	0	24.5
12/04/15	1204	12	30	54	42	0	23
12/05/15	1205	12	29	54	41.5	0	23.5
12/06/15	1206	12	32	52	42	0	23
12/07/15	1207	12	38	50	44	0	21
12/08/15	1208	12	39	63	51	0	14
12/09/15	1209	12	45	61	53	0	12
12/10/15	1210	12	41	70	55.5	0	9.5
12/11/15	1211	12	34	63	48.5	0	16.5
12/12/15	1212	12	53	72	62.5	0	2.5
12/13/15	1213	12	58	68	63	0.73	2
12/14/15	1214	12	45	58	51.5	0.39	13.5
12/15/15	1215	12	44	49	46.5	0	18.5
12/16/15	1216	12	36	60	48	0.14	17
12/17/15	1217	12	32	38	35	0	30
12/18/15	1218	12	29	42	35.5	0	29.5
12/19/15	1219	12	26	47	36.5	0	28.5
12/20/15	1220	12	42	57	49.5	0.01	15.5
12/21/15	1221	12	44	67	55.5	0.26	9.5
12/22/15	1222	12	41	54	47.5	0	17.5
12/23/15	1223	12	44	64	54	1.02	11
12/24/15	1224	12	35	52	43.5	0	21.5
12/25/15	1225	12	38	52	45	0	20
12/26/15	1226	12	44	54	49	4.78	16
12/27/15	1227	12	38	47	42.5	1.76	22.5
12/28/15	1228	12	37	48	42.5	2.64	22.5
12/29/15	1229	12	32	37	34.5	0	30.5
12/30/15	1230	12	31	35	33	0	32
12/31/15	1231	12	29	34	31.5	0	33.5
01/01/16	0101	1	27	42	34.5	0	30.5

01/02/16	0102	1	31	48	39.5	0	25.5
01/03/16	0103	1	29	39	34	0	31
01/04/16	0104	1	25	37	31	0	34
01/05/16	0105	1	23	42	32.5	0	32.5
01/06/16	0106	1	25	47	36	0	29
01/07/16	0107	1	41	51	46	0.05	19
01/08/16	0108	1	45	55	50	0.02	15
01/09/16	0109	1	18	45	31.5	0.45	33.5
01/10/16	0110	1	7	18	12.5	0	52.5
01/11/16	0111	1	15	42	28.5	0	36.5
01/12/16	0112	1	19	39	29	0	36
01/13/16	0113	1	17	49	33	0	32
01/14/16	0114	1	31	66	48.5	0	16.5
01/15/16	0115	1	30	51	40.5	0.09	24.5
01/16/16	0116	1	26	34	30	0	35
01/17/16	0117	1	8	27	17.5	0.01	47.5
01/18/16	0118	1	5	18	11.5	0	53.5
01/19/16	0119	1	13	24	18.5	0.17	46.5
01/20/16	0120	1	12	29	20.5	0.01	44.5
01/21/16	0121	1	17	28	22.5	0	42.5
01/22/16	0122	1	21	30	25.5	0	39.5
01/23/16	0123	1	24	36	30	0	35
01/24/16	0124	1	27	49	38	0	27
01/25/16	0125	1	32	52	42	0	23
01/26/16	0126	1	32	38	35	0	30
01/27/16	0127	1	32	43	37.5	0	27.5
01/28/16	0128	1	34	56	45	0	20
01/29/16	0129	1	27	51	39	0	26
01/30/16	0130	1	40	66	53	0	12
01/31/16	0131	1	44	68	56	0	9
02/01/16	0201	2	39	54	46.5	0	18.5
02/02/16	0202	2	42	66	54	0.15	11
02/03/16	0203	2	30	50	40	0	25
02/04/16	0204	2	22	43	32.5	0	32.5
02/05/16	0205	2	27	42	34.5	0	30.5
02/06/16	0206	2	28	58	43	0	22
02/07/16	0207	2	38	55	46.5	0	18.5
02/08/16	0208	2	23	40	31.5	0	33.5
02/09/16	0209	2	19	26	22.5	0.01	42.5
02/10/16	0210	2	15	24	19.5	0.06	45.5
02/11/16	0211	2	23	32	27.5	0	37.5
02/12/16	0212	2	18	33	25.5	0.03	39.5
02/13/16	0213	2	11	24	17.5	0	47.5
02/14/16	0214	2	22	31	26.5	0.16	38.5
02/15/16	0215	2	29	42	35.5	0	29.5
02/16/16	0216	2	33	41	37	0.06	28
02/17/16	0217	2	36	50	43	0	22
02/18/16	0218	2	35	61	48	0	17
02/19/16	0219	2	49	77	63	0	2

02/20/16	0220	2	48	78	63	0.02	2
02/21/16	0221	2	40	59	49.5	0	15.5
02/22/16	0222	2	37	48	42.5	0	22.5
02/23/16	0223	2	34	50	42	0	23
02/24/16	0224	2	34	44	39	0.31	26
02/25/16	0225	2	33	42	37.5	0	27.5
02/26/16	0226	2	28	42	35	0	30
02/27/16	0227	2	30	67	48.5	0	16.5
02/28/16	0228	2	45	75	60	0	5
02/29/16	0229	2	38	70	54	0	11
03/01/16	0301	3	28	56	42	0	23
03/02/16	0302	3	23	44	33.5	0	31.5
03/03/16	0303	3	39	49	44	0.05	21
03/04/16	0304	3	37	43	40	0	25
03/05/16	0305	3	33	57	45	0	20
03/06/16	0306	3	31	63	47	0	18
03/07/16	0307	3	55	76	65.5	0.05	0
03/08/16	0308	3	63	75	69	0.07	0
03/09/16	0309	3	59	67	63	0.04	2
03/10/16	0310	3	45	59	52	0.2	13
03/11/16	0311	3	41	61	51	0	14
03/12/16	0312	3	51	60	55.5	0.05	9.5
03/13/16	0313	3	55	66	60.5	0.12	4.5
03/14/16	0314	3	54	70	62	0.14	3
03/15/16	0315	3	54	82	68	0	0
03/16/16	0316	3	50	67	58.5	0	6.5
03/17/16	0317	3	43	66	54.5	0	10.5
03/18/16	0318	3	42	53	47.5	0.08	17.5
03/19/16	0319	3	38	52	45	0.02	20
03/20/16	0320	3	34	48	41	0.12	24
03/21/16	0321	3	33	61	47	0	18
03/22/16	0322	3	48	76	62	0	3
03/23/16	0323	3	58	69	63.5	0	1.5
03/24/16	0324	3	37	67	52	0.16	13
03/25/16	0325	3	38	54	46	0	19
03/26/16	0326	3	41	65	53	0	12
03/27/16	0327	3	41	63	52	0.23	13
03/28/16	0328	3	36	63	49.5	0	15.5
03/29/16	0329	3	42	63	52.5	0	12.5
03/30/16	0330	3	52	69	60.5	0.41	4.5
03/31/16	0331	3	50	73	61.5	0.55	3.5
04/01/16	0401	4	44	57	50.5	0.04	14.5
04/02/16	0402	4	38	61	49.5	0	15.5
04/03/16	0403	4	37	78	57.5	0	7.5
04/04/16	0404	4	41	68	54.5	0	10.5
04/05/16	0405	4	36	57	46.5	0	18.5
04/06/16	0406	4	52	60	56	0.36	9
04/07/16	0407	4	42	61	51.5	0	13.5
04/08/16	0408	4	38	56	47	0	18

04/09/16	0409	4	30	51	40.5	0	24.5
04/10/16	0410	4	45	65	55	0.24	10
04/11/16	0411	4	43	59	51	0.99	14
04/12/16	0412	4	37	58	47.5	0	17.5
04/13/16	0413	4	40	65	52.5	0	12.5
04/14/16	0414	4	43	71	57	0	8
04/15/16	0415	4	54	78	66	0	0
04/16/16	0416	4	53	78	65.5	0	0
04/17/16	0417	4	55	82	68.5	0	0
04/18/16	0418	4	57	83	70	0	0
04/19/16	0419	4	63	77	70	0	0
04/20/16	0420	4	60	71	65.5	0.22	0
04/21/16	0421	4	59	76	67.5	0	0
04/22/16	0422	4	55	76	65.5	0	0
04/23/16	0423	4	49	73	61	0	4
04/24/16	0424	4	57	83	70	0	0
04/25/16	0425	4	64	87	75.5	0	0
04/26/16	0426	4	60	83	71.5	1.07	0
04/27/16	0427	4	61	79	70	0.14	0
04/28/16	0428	4	56	74	65	0	0
04/29/16	0429	4	54	66	60	0	5
04/30/16	0430	4	59	77	68	1.21	0
05/01/16	0501	5	54	73	63.5	0.01	1.5
05/02/16	0502	5	52	58	55	0	10
05/03/16	0503	5	52	66	59	0	6
05/04/16	0504	5	51	70	60.5	0	4.5
05/05/16	0505	5	47	68	57.5	0	7.5
05/06/16	0506	5	48	81	64.5	0	0.5
05/07/16	0507	5	62	88	75	0.05	0
05/08/16	0508	5	61	77	69	0	0
05/09/16	0509	5	63	73	68	0.26	0
05/10/16	0510	5	61	81	71	0.15	0
05/11/16	0511	5	60	82	71	1.59	0
05/12/16	0512	5	56	74	65	0.04	0
05/13/16	0513	5	50	79	64.5	0.01	0.5
05/14/16	0514	5	45	61	53	0	12
05/15/16	0515	5	45	66	55.5	0	9.5
05/16/16	0516	5	50	59	54.5	0.36	10.5
05/17/16	0517	5	49	54	51.5	0.52	13.5
05/18/16	0518	5	49	69	59	0	6
05/19/16	0519	5	48	72	60	0	5
05/20/16	0520	5	58	73	65.5	0.01	0
05/21/16	0521	5	52	78	65	0	0
05/22/16	0522	5	55	84	69.5	0	0
05/23/16	0523	5	57	85	71	0	0
05/24/16	0524	5	68	87	77.5	0	0
05/25/16	0525	5	65	84	74.5	0.01	0
05/26/16	0526	5	67	82	74.5	0.53	0
05/27/16	0527	5	69	79	74	1.03	0

05/28/16	0528	5	68	86	77	0	0
05/29/16	0529	5	66	88	77	0	0
05/30/16	0530	5	67	91	79	0	0
05/31/16	0531	5	70	85	77.5	0	0
06/01/16	0601	6	69	86	77.5	0.09	0
06/02/16	0602	6	69	87	78	0	0
06/03/16	0603	6	67	79	73	0	0
06/04/16	0604	6	69	83	76	0.24	0
06/05/16	0605	6	65	80	72.5	0	0
06/06/16	0606	6	66	91	78.5	0	0
06/07/16	0607	6	61	81	71	0	0
06/08/16	0608	6	59	85	72	0	0
06/09/16	0609	6	65	91	78	0	0
06/10/16	0610	6	74	95	84.5	0	0
06/11/16	0611	6	76	95	85.5	0	0
06/12/16	0612	6	78	98	88	0	0
06/13/16	0613	6	74	96	85	0.12	0
06/14/16	0614	6	76	94	85	0	0
06/15/16	0615	6	80	99	89.5	0.01	0
06/16/16	0616	6	79	99	89	0	0
06/17/16	0617	6	70	88	79	0	0
06/18/16	0618	6	71	91	81	0	0
06/19/16	0619	6	73	94	83.5	0	0
06/20/16	0620	6	75	96	85.5	0.03	0
06/21/16	0621	6	74	89	81.5	0	0
06/22/16	0622	6	80	98	89	0	0
06/23/16	0623	6	75	99	87	0	0
06/24/16	0624	6	70	94	82	0	0
06/25/16	0625	6	76	97	86.5	0.42	0
06/26/16	0626	6	77	96	86.5	0	0
06/27/16	0627	6	76	96	86	0	0
06/28/16	0628	6	73	88	80.5	0	0
06/29/16	0629	6	64	83	73.5	0	0
06/30/16	0630	6	66	81	73.5	0.38	0
07/01/16	0701	7	69	84	76.5	0	0
07/02/16	0702	7	62	71	66.5	0.15	0
07/03/16	0703	7	61	72	66.5	1.11	0
07/04/16	0704	7	71	81	76	0.11	0
07/05/16	0705	7	70	95	82.5	0	0
07/06/16	0706	7	71	87	79	0.52	0
07/07/16	0707	7	71	88	79.5	0.49	0
07/08/16	0708	7	75	93	84	0.18	0
07/09/16	0709	7	71	89	80	0	0
07/10/16	0710	7	73	93	83	1.23	0
07/11/16	0711	7	76	93	84.5	0	0
07/12/16	0712	7	76	89	82.5	0	0
07/13/16	0713	7	71	95	83	0.57	0
07/14/16	0714	7	74	92	83	0.01	0
07/15/16	0715	7	72	88	80	0	0

07/16/16	0716	7	70	87	78.5	0	0
07/17/16	0717	7	76	96	86	0	0
07/18/16	0718	7	80	95	87.5	0	0
07/19/16	0719	7	72	95	83.5	0.7	0
07/20/16	0720	7	73	92	82.5	0.97	0
07/21/16	0721	7	80	98	89	0	0
07/22/16	0722	7	75	88	81.5	0.07	0
07/23/16	0723	7	77	96	86.5	0	0
07/24/16	0724	7	78	101	89.5	0	0
07/25/16	0725	7	74	90	82	1.21	0
07/26/16	0726	7	77	92	84.5	0.15	0
07/27/16	0727	7	78	93	85.5	0	0
07/28/16	0728	7	76	91	83.5	0	0
07/29/16	0729	7	73	88	80.5	0	0
07/30/16	0730	7	71	87	79	0	0
07/31/16	0731	7	72	92	82	0.04	0
08/01/16	0801	8	73	88	80.5	0.33	0
08/02/16	0802	8	73	87	80	0.16	0
08/03/16	0803	8	73	88	80.5	0.96	0
08/04/16	0804	8	75	97	86	0	0
08/05/16	0805	8	73	87	80	0.17	0
08/06/16	0806	8	73	86	79.5	0	0
08/07/16	0807	8	69	87	78	0	0
08/08/16	0808	8	73	88	80.5	0	0
08/09/16	0809	8	73	93	83	0	0
08/10/16	0810	8	76	94	85	0	0
08/11/16	0811	8	80	98	89	0	0
08/12/16	0812	8	75	93	84	0.73	0
08/13/16	0813	8	75	88	81.5	0	0
08/14/16	0814	8	69	76	72.5	0.33	0
08/15/16	0815	8	71	80	75.5	2.52	0
08/16/16	0816	8	73	87	80	0	0
08/17/16	0817	8	72	89	80.5	0	0
08/18/16	0818	8	74	92	83	0	0
08/19/16	0819	8	74	89	81.5	0	0
08/20/16	0820	8	70	83	76.5	0	0
08/21/16	0821	8	63	82	72.5	0	0
08/22/16	0822	8	62	85	73.5	0	0
08/23/16	0823	8	66	78	72	0.03	0
08/24/16	0824	8	75	95	85	0	0
08/25/16	0825	8	75	94	84.5	0	0
08/26/16	0826	8	74	88	81	0	0
08/27/16	0827	8	75	94	84.5	0	0
08/28/16	0828	8	74	96	85	0	0
08/29/16	0829	8	76	94	85	0.35	0
08/30/16	0830	8	73	93	83	0.18	0
08/31/16	0831	8	71	87	79	0	0
09/01/16	0901	9	63	82	72.5	0	0
09/02/16	0902	9	61	81	71	0	0

09/03/16	0903	9	62	83	72.5	0	0
09/04/16	0904	9	62	88	75	0	0
09/05/16	0905	9	73	95	84	0	0
09/06/16	0906	9	78	95	86.5	0.19	0
09/07/16	0907	9	80	96	88	0	0
09/08/16	0908	9	70	85	77.5	0.32	0
09/09/16	0909	9	70	89	79.5	1.41	0
09/10/16	0910	9	62	79	70.5	1.44	0
09/11/16	0911	9	58	80	69	0	0
09/12/16	0912	9	60	83	71.5	0	0
09/13/16	0913	9	66	91	78.5	0	0
09/14/16	0914	9	69	87	78	0	0
09/15/16	0915	9	70	88	79	0	0
09/16/16	0916	9	70	78	74	1.32	0
09/17/16	0917	9	70	83	76.5	0	0
09/18/16	0918	9	65	83	74	0	0
09/19/16	0919	9	62	88	75	0	0
09/20/16	0920	9	72	93	82.5	0	0
09/21/16	0921	9	73	90	81.5	0	0
09/22/16	0922	9	68	90	79	0	0
09/23/16	0923	9	69	92	80.5	0	0
09/24/16	0924	9	73	92	82.5	0	0
09/25/16	0925	9	64	91	77.5	0.09	0
09/26/16	0926	9	57	76	66.5	0.1	0
09/27/16	0927	9	56	82	69	0	0
09/28/16	0928	9	56	70	63	0	2
09/29/16	0929	9	54	71	62.5	0.01	2.5
09/30/16	0930	9	61	69	65	0.04	0
10/01/16	1001	10	63	73	68	0	0
10/02/16	1002	10	58	72	65	0	0
10/03/16	1003	10	62	76	69	0	0
10/04/16	1004	10	60	83	71.5	0	0
10/05/16	1005	10	68	85	76.5	0	0
10/06/16	1006	10	71	87	79	0	0
10/07/16	1007	10	50	73	61.5	0	3.5
10/08/16	1008	10	46	73	59.5	0	5.5
10/09/16	1009	10	50	78	64	0	1
10/10/16	1010	10	52	76	64	0	1
10/11/16	1011	10	57	82	69.5	0	0
10/12/16	1012	10	52	76	64	0.06	1
10/13/16	1013	10	49	60	54.5	0	10.5
10/14/16	1014	10	50	70	60	0	5
10/15/16	1015	10	62	82	72	0	0
10/16/16	1016	10	70	88	79	0	0
10/17/16	1017	10	72	91	81.5	0	0
10/18/16	1018	10	69	85	77	0	0
10/19/16	1019	10	58	69	63.5	2.19	1.5
10/20/16	1020	10	49	64	56.5	0.84	8.5
10/21/16	1021	10	41	61	51	0	14

10/22/16	1022	10	41	70	55.5	0	9.5
10/23/16	1023	10	55	81	68	0	0
10/24/16	1024	10	49	67	58	0	7
10/25/16	1025	10	48	69	58.5	0	6.5
10/26/16	1026	10	52	71	61.5	0.02	3.5
10/27/16	1027	10	50	61	55.5	0	9.5
10/28/16	1028	10	50	78	64	0	1
10/29/16	1029	10	68	86	77	0	0
10/30/16	1030	10	55	73	64	0	1
10/31/16	1031	10	52	74	63	0	2
11/01/16	1101	11	65	85	75	0	0
11/02/16	1102	11	65	85	75	1.6	0
11/03/16	1103	11	55	69	62	1.22	3
11/04/16	1104	11	49	68	58.5	0	6.5
11/05/16	1105	11	45	65	55	0	10
11/06/16	1106	11	42	66	54	0	11
11/07/16	1107	11	48	72	60	0	5
11/08/16	1108	11	50	63	56.5	0.07	8.5
11/09/16	1109	11	42	61	51.5	0	13.5
11/10/16	1110	11	39	67	53	0	12
11/11/16	1111	11	45	64	54.5	0	10.5
11/12/16	1112	11	37	56	46.5	0	18.5
11/13/16	1113	11	32	62	47	0	18
11/14/16	1114	11	41	70	55.5	0	9.5
11/15/16	1115	11	43	64	53.5	0	11.5
11/16/16	1116	11	45	71	58	0	7
11/17/16	1117	11	53	83	68	0	0
11/18/16	1118	11	44	70	57	0.21	8
11/19/16	1119	11	34	49	41.5	0	23.5
11/20/16	1120	11	28	45	36.5	0	28.5
11/21/16	1121	11	29	50	39.5	0	25.5
11/22/16	1122	11	37	51	44	0.09	21
11/23/16	1123	11	45	57	51	0.15	14
11/24/16	1124	11	38	45	41.5	0	23.5
11/25/16	1125	11	36	47	41.5	0	23.5
11/26/16	1126	11	34	52	43	0	22
11/27/16	1127	11	37	51	44	0.11	21
11/28/16	1128	11	46	54	50	0.28	15
11/29/16	1129	11	44	63	53.5	0	11.5
11/30/16	1130	11	34	46	40	0	25
12/01/16	1201	12	30	47	38.5	0	26.5
12/02/16	1202	12	28	49	38.5	0	26.5
12/03/16	1203	12	30	45	37.5	0	27.5
12/04/16	1204	12	36	42	39	0.27	26
12/05/16	1205	12	32	46	39	0	26
12/06/16	1206	12	32	43	37.5	0	27.5
12/07/16	1207	12	28	40	34	0	31
12/08/16	1208	12	21	31	26	0	39
12/09/16	1209	12	17	31	24	0	41

12/10/16	1210	12	26	37	31.5	0	33.5
12/11/16	1211	12	37	49	43	0.01	22
12/12/16	1212	12	29	40	34.5	0	30.5
12/13/16	1213	12	20	38	29	0.02	36
12/14/16	1214	12	16	31	23.5	0	41.5
12/15/16	1215	12	15	21	18	0	47
12/16/16	1216	12	20	50	35	0	30
12/17/16	1217	12	16	40	28	0.06	37
12/18/16	1218	12	4	16	10	0	55
12/19/16	1219	12	3	25	14	0	51
12/20/16	1220	12	16	45	30.5	0	34.5
12/21/16	1221	12	22	54	38	0	27
12/22/16	1222	12	33	47	40	0	25
12/23/16	1223	12	36	43	39.5	0.19	25.5
12/24/16	1224	12	41	45	43	0	22
12/25/16	1225	12	40	65	52.5	0.14	12.5
12/26/16	1226	12	37	68	52.5	0.42	12.5
12/27/16	1227	12	31	50	40.5	0	24.5
12/28/16	1228	12	32	52	42	0.02	23
12/29/16	1229	12	37	49	43	0	22
12/30/16	1230	12	29	50	39.5	0	25.5
12/31/16	1231	12	30	55	42.5	0	22.5
01/01/17	0101	1	24	44	34	0	31
01/02/17	0102	1	41	50	45.5	0.22	19.5
01/03/17	0103	1	24	49	36.5	0.04	28.5
01/04/17	0104	1	17	28	22.5	0	42.5
01/05/17	0105	1	16	23	19.5	0.04	45.5
01/06/17	0106	1	7	16	11.5	0	53.5
01/07/17	0107	1	4	28	16	0	49
01/08/17	0108	1	10	28	19	0	46
01/09/17	0109	1	26	46	36	0	29
01/10/17	0110	1	31	68	49.5	0.01	15.5
01/11/17	0111	1	30	71	50.5	0	14.5
01/12/17	0112	1	27	50	38.5	0	26.5
01/13/17	0113	1	26	32	29	0.16	36
01/14/17	0114	1	32	35	33.5	0.64	31.5
01/15/17	0115	1	33	38	35.5	0.21	29.5
01/16/17	0116	1	38	59	48.5	0.1	16.5
01/17/17	0117	1	41	54	47.5	0.01	17.5
01/18/17	0118	1	36	49	42.5	0	22.5
01/19/17	0119	1	43	48	45.5	0.37	19.5
01/20/17	0120	1	46	55	50.5	0	14.5
01/21/17	0121	1	49	72	60.5	0	4.5
01/22/17	0122	1	40	55	47.5	0	17.5
01/23/17	0123	1	40	44	42	0	23
01/24/17	0124	1	35	52	43.5	0	21.5
01/25/17	0125	1	37	54	45.5	0	19.5
01/26/17	0126	1	31	37	34	0	31
01/27/17	0127	1	29	35	32	0	33

01/28/17	0128	1	30	44	37	0	28
01/29/17	0129	1	29	38	33.5	0	31.5
01/30/17	0130	1	25	55	40	0	25
01/31/17	0131	1	43	53	48	0	17
02/01/17	0201	2	32	48	40	0	25
02/02/17	0202	2	26	38	32	0	33
02/03/17	0203	2	23	36	29.5	0	35.5
02/04/17	0204	2	19	42	30.5	0	34.5
02/05/17	0205	2	34	54	44	0	21
02/06/17	0206	2	33	64	48.5	0.01	16.5
02/07/17	0207	2	40	67	53.5	0.01	11.5
02/08/17	0208	2	22	40	31	0.02	34
02/09/17	0209	2	18	31	24.5	0	40.5
02/10/17	0210	2	28	70	49	0	16
02/11/17	0211	2	45	74	59.5	0	5.5
02/12/17	0212	2	36	57	46.5	0	18.5
02/13/17	0213	2	28	50	39	0	26
02/14/17	0214	2	41	59	50	0	15
02/15/17	0215	2	33	49	41	0	24
02/16/17	0216	2	30	71	50.5	0	14.5
02/17/17	0217	2	50	75	62.5	0	2.5
02/18/17	0218	2	49	63	56	0	9
02/19/17	0219	2	41	72	56.5	0	8.5
02/20/17	0220	2	52	79	65.5	0	0
02/21/17	0221	2	55	67	61	0.43	4
02/22/17	0222	2	48	74	61	0	4
02/23/17	0223	2	50	72	61	0	4
02/24/17	0224	2	35	67	51	0	14
02/25/17	0225	2	28	42	35	0	30
02/26/17	0226	2	28	50	39	0	26
02/27/17	0227	2	38	65	51.5	0.02	13.5
02/28/17	0228	2	56	75	65.5	0	0
03/01/17	0301	3	36	68	52	0.54	13
03/02/17	0302	3	30	51	40.5	0	24.5
03/03/17	0303	3	26	45	35.5	0	29.5
03/04/17	0304	3	35	72	53.5	0	11.5
03/05/17	0305	3	52	62	57	0	8
03/06/17	0306	3	52	70	61	0	4
03/07/17	0307	3	46	71	58.5	0.44	6.5
03/08/17	0308	3	41	68	54.5	0	10.5
03/09/17	0309	3	43	74	58.5	0.15	6.5
03/10/17	0310	3	34	46	40	0	25
03/11/17	0311	3	29	38	33.5	0.04	31.5
03/12/17	0312	3	30	44	37	0	28
03/13/17	0313	3	32	40	36	0.18	29
03/14/17	0314	3	22	32	27	0	38
03/15/17	0315	3	16	40	28	0	37
03/16/17	0316	3	25	51	38	0	27
03/17/17	0317	3	46	72	59	0.08	6

03/18/17	0318	3	39	59	49	0	16
03/19/17	0319	3	36	58	47	0	18
03/20/17	0320	3	50	86	68	0	0
03/21/17	0321	3	45	66	55.5	0	9.5
03/22/17	0322	3	36	52	44	0	21
03/23/17	0323	3	39	62	50.5	0.11	14.5
03/24/17	0324	3	54	81	67.5	0.05	0
03/25/17	0325	3	56	67	61.5	0.93	3.5
03/26/17	0326	3	51	64	57.5	0	7.5
03/27/17	0327	3	52	58	55	0.33	10
03/28/17	0328	3	53	59	56	0	9
03/29/17	0329	3	49	67	58	0.01	7
03/30/17	0330	3	51	71	61	1.25	4
03/31/17	0331	3	45	51	48	0.02	17
04/01/17	0401	4	41	60	50.5	0	14.5
04/02/17	0402	4	47	69	58	0.01	7
04/03/17	0403	4	57	71	64	0.34	1
04/04/17	0404	4	55	66	60.5	0.01	4.5
04/05/17	0405	4	42	63	52.5	2.01	12.5
04/06/17	0406	4	44	59	51.5	0.04	13.5
04/07/17	0407	4	39	63	51	0	14
04/08/17	0408	4	44	79	61.5	0	3.5
04/09/17	0409	4	63	84	73.5	0	0
04/10/17	0410	4	58	81	69.5	0.03	0
04/11/17	0411	4	48	62	55	0	10
04/12/17	0412	4	45	73	59	0	6
04/13/17	0413	4	54	84	69	0	0
04/14/17	0414	4	65	85	75	0.04	0
04/15/17	0415	4	66	86	76	0	0
04/16/17	0416	4	60	77	68.5	0.24	0
04/17/17	0417	4	54	71	62.5	0.01	2.5
04/18/17	0418	4	52	79	65.5	0	0
04/19/17	0419	4	65	88	76.5	0	0
04/20/17	0420	4	58	83	70.5	0	0
04/21/17	0421	4	51	58	54.5	0.06	10.5
04/22/17	0422	4	47	63	55	0.07	10
04/23/17	0423	4	45	74	59.5	0	5.5
04/24/17	0424	4	44	77	60.5	0	4.5
04/25/17	0425	4	58	82	70	0	0
04/26/17	0426	4	50	72	61	1.31	4
04/27/17	0427	4	47	63	55	0.18	10
04/28/17	0428	4	55	60	57.5	0.88	7.5
04/29/17	0429	4	52	74	63	3.13	2
04/30/17	0430	4	51	74	62.5	2.01	2.5
05/01/17	0501	5	49	58	53.5	0.02	11.5
05/02/17	0502	5	48	71	59.5	0	5.5
05/03/17	0503	5	47	59	53	1.72	12
05/04/17	0504	5	48	54	51	1.02	14
05/05/17	0505	5	47	69	58	0	7

05/06/17	0506	5	53	70	61.5	0	3.5
05/07/17	0507	5	48	77	62.5	0	2.5
05/08/17	0508	5	54	84	69	0	0
05/09/17	0509	5	66	88	77	0	0
05/10/17	0510	5	68	88	78	0.37	0
05/11/17	0511	5	62	74	68	0.05	0
05/12/17	0512	5	59	74	66.5	0	0
05/13/17	0513	5	55	82	68.5	0	0
05/14/17	0514	5	62	86	74	0	0
05/15/17	0515	5	62	90	76	0	0
05/16/17	0516	5	71	90	80.5	0	0
05/17/17	0517	5	74	84	79	0	0
05/18/17	0518	5	72	91	81.5	0	0
05/19/17	0519	5	58	85	71.5	0.52	0
05/20/17	0520	5	58	82	70	1.32	0
05/21/17	0521	5	59	73	66	0	0
05/22/17	0522	5	54	79	66.5	0	0
05/23/17	0523	5	59	73	66	0.17	0
05/24/17	0524	5	53	71	62	0.01	3
05/25/17	0525	5	55	78	66.5	0	0
05/26/17	0526	5	63	87	75	0	0
05/27/17	0527	5	66	84	75	0.41	0
05/28/17	0528	5	64	82	73	0	0
05/29/17	0529	5	64	88	76	0.39	0
05/30/17	0530	5	60	83	71.5	0	0
05/31/17	0531	5	61	84	72.5	0	0
06/01/17	0601	6	62	84	73	0	0
06/02/17	0602	6	65	92	78.5	0	0
06/03/17	0603	6	71	92	81.5	0	0
06/04/17	0604	6	72	88	80	0.25	0
06/05/17	0605	6	70	92	81	0	0
06/06/17	0606	6	66	82	74	0	0
06/07/17	0607	6	59	82	70.5	0	0
06/08/17	0608	6	57	83	70	0	0
06/09/17	0609	6	65	88	76.5	0	0
06/10/17	0610	6	70	89	79.5	0	0
06/11/17	0611	6	71	93	82	0	0
06/12/17	0612	6	76	95	85.5	0	0
06/13/17	0613	6	80	96	88	0	0
06/14/17	0614	6	67	93	80	0.57	0
06/15/17	0615	6	68	90	79	0.29	0
06/16/17	0616	6	74	92	83	0	0
06/17/17	0617	6	72	90	81	0.03	0
06/18/17	0618	6	71	84	77.5	1.24	0
06/19/17	0619	6	67	88	77.5	0	0
06/20/17	0620	6	66	92	79	0	0
06/21/17	0621	6	76	97	86.5	0	0
06/22/17	0622	6	76	87	81.5	0	0
06/23/17	0623	6	70	88	79	0	0

06/24/17	0624	6	64	81	72.5	0	0
06/25/17	0625	6	60	85	72.5	0	0
06/26/17	0626	6	58	81	69.5	0	0
06/27/17	0627	6	59	83	71	0	0
06/28/17	0628	6	69	90	79.5	0	0
06/29/17	0629	6	74	93	83.5	0.02	0
06/30/17	0630	6	70	87	78.5	0.26	0
07/01/17	0701	7	71	90	80.5	0	0
07/02/17	0702	7	67	93	80	0	0
07/03/17	0703	7	72	94	83	0	0
07/04/17	0704	7	73	87	80	0	0
07/05/17	0705	7	74	88	81	0.06	0
07/06/17	0706	7	73	92	82.5	0.02	0
07/07/17	0707	7	77	97	87	0	0
07/08/17	0708	7	69	93	81	0	0
07/09/17	0709	7	72	97	84.5	0	0
07/10/17	0710	7	79	100	89.5	0	0
07/11/17	0711	7	81	101	91	0	0
07/12/17	0712	7	79	103	91	0	0
07/13/17	0713	7	78	97	87.5	0	0
07/14/17	0714	7	74	92	83	0.18	0
07/15/17	0715	7	69	89	79	0	0
07/16/17	0716	7	71	97	84	0.01	0
07/17/17	0717	7	74	92	83	0	0
07/18/17	0718	7	74	98	86	0	0
07/19/17	0719	7	80	102	91	0	0
07/20/17	0720	7	83	102	92.5	0	0
07/21/17	0721	7	82	104	93	0	0
07/22/17	0722	7	85	108	96.5	0	0
07/23/17	0723	7	73	94	83.5	0.34	0
07/24/17	0724	7	73	91	82	0	0
07/25/17	0725	7	72	93	82.5	0	0
07/26/17	0726	7	78	98	88	0.05	0
07/27/17	0727	7	75	88	81.5	0.72	0
07/28/17	0728	7	74	88	81	0	0
07/29/17	0729	7	67	84	75.5	0	0
07/30/17	0730	7	64	85	74.5	0	0
07/31/17	0731	7	67	87	77	0	0
08/01/17	0801	8	74	91	82.5	0	0
08/02/17	0802	8	71	90	80.5	0	0
08/03/17	0803	8	72	94	83	0	0
08/04/17	0804	8	62	79	70.5	0	0
08/05/17	0805	8	59	79	69	0.01	0
08/06/17	0806	8	65	73	69	0.09	0
08/07/17	0807	8	65	81	73	0	0
08/08/17	0808	8	64	82	73	0	0
08/09/17	0809	8	60	85	72.5	0	0
08/10/17	0810	8	70	91	80.5	0	0
08/11/17	0811	8	69	84	76.5	0.04	0

08/12/17	0812	8	61	81	71	0	0
08/13/17	0813	8	59	83	71	0	0
08/14/17	0814	8	70	84	77	0.04	0
08/15/17	0815	8	71	91	81	0	0
08/16/17	0816	8	71	91	81	1.9	0
08/17/17	0817	8	69	88	78.5	0.1	0
08/18/17	0818	8	67	91	79	0	0
08/19/17	0819	8	70	92	81	0	0
08/20/17	0820	8	74	93	83.5	0	0
08/21/17	0821	8	78	93	85.5	0	0
08/22/17	0822	8	66	84	75	0.25	0
08/23/17	0823	8	59	79	69	0	0
08/24/17	0824	8	60	81	70.5	0	0
08/25/17	0825	8	62	80	71	0	0
08/26/17	0826	8	61	84	72.5	0	0
08/27/17	0827	8	64	87	75.5	0	0
08/28/17	0828	8	67	83	75	0.87	0
08/29/17	0829	8	64	83	73.5	0	0
08/30/17	0830	8	63	83	73	0	0
08/31/17	0831	8	65	80	72.5	0	0
09/01/17	0901	9	60	77	68.5	0	0
09/02/17	0902	9	52	80	66	0	0
09/03/17	0903	9	67	88	77.5	0	0
09/04/17	0904	9	68	94	81	0.01	0
09/05/17	0905	9	58	77	67.5	0	0
09/06/17	0906	9	50	70	60	0	5
09/07/17	0907	9	51	77	64	0	1
09/08/17	0908	9	54	85	69.5	0	0
09/09/17	0909	9	60	84	72	0	0
09/10/17	0910	9	60	77	68.5	0	0
09/11/17	0911	9	52	79	65.5	0	0
09/12/17	0912	9	59	79	69	0.01	0
09/13/17	0913	9	63	76	69.5	0.05	0
09/14/17	0914	9	59	88	73.5	0	0
09/15/17	0915	9	64	90	77	0	0
09/16/17	0916	9	66	91	78.5	0	0
09/17/17	0917	9	71	82	76.5	0	0
09/18/17	0918	9	65	85	75	0.2	0
09/19/17	0919	9	66	89	77.5	0	0
09/20/17	0920	9	73	97	85	0	0
09/21/17	0921	9	75	89	82	0	0
09/22/17	0922	9	71	95	83	0	0
09/23/17	0923	9	69	92	80.5	0	0
09/24/17	0924	9	69	92	80.5	0	0
09/25/17	0925	9	69	92	80.5	0	0
09/26/17	0926	9	72	93	82.5	0	0
09/27/17	0927	9	62	73	67.5	0	0
09/28/17	0928	9	54	77	65.5	0	0
09/29/17	0929	9	53	84	68.5	0	0

09/30/17	0930	9	53	75	64	0	1
10/01/17	1001	10	54	79	66.5	0	0
10/02/17	1002	10	66	86	76	0	0
10/03/17	1003	10	71	80	75.5	0.11	0
10/04/17	1004	10	70	79	74.5	0.04	0
10/05/17	1005	10	71	82	76.5	0.04	0
10/06/17	1006	10	70	84	77	0.01	0
10/07/17	1007	10	58	82	70	0.13	0
10/08/17	1008	10	54	80	67	0	0
10/09/17	1009	10	64	80	72	0	0
10/10/17	1010	10	51	75	63	2.2	2
10/11/17	1011	10	51	59	55	0	10
10/12/17	1012	10	55	61	58	0	7
10/13/17	1013	10	55	77	66	0	0
10/14/17	1014	10	66	89	77.5	0	0
10/15/17	1015	10	47	75	61	0.61	4
10/16/17	1016	10	43	67	55	0	10
10/17/17	1017	10	49	70	59.5	0	5.5
10/18/17	1018	10	50	75	62.5	0	2.5
10/19/17	1019	10	54	80	67	0	0
10/20/17	1020	10	52	76	64	0	1
10/21/17	1021	10	62	81	71.5	0.01	0
10/22/17	1022	10	52	71	61.5	0.42	3.5
10/23/17	1023	10	51	70	60.5	0.13	4.5
10/24/17	1024	10	45	55	50	0	15
10/25/17	1025	10	39	67	53	0	12
10/26/17	1026	10	43	77	60	0	5
10/27/17	1027	10	39	54	46.5	0	18.5
10/28/17	1028	10	34	41	37.5	0	27.5
10/29/17	1029	10	30	54	42	0	23
10/30/17	1030	10	37	54	45.5	0.01	19.5
10/31/17	1031	10	30	44	37	0	28
11/01/17	1101	11	40	52	46	0.01	19
11/02/17	1102	11	50	79	64.5	0	0.5
11/03/17	1103	11	45	58	51.5	0	13.5
11/04/17	1104	11	54	68	61	0	4
11/05/17	1105	11	51	79	65	0.91	0
11/06/17	1106	11	40	52	46	0.14	19
11/07/17	1107	11	42	50	46	0	19
11/08/17	1108	11	34	52	43	0	22
11/09/17	1109	11	31	58	44.5	0	20.5
11/10/17	1110	11	26	39	32.5	0	32.5
11/11/17	1111	11	32	50	41	0	24
11/12/17	1112	11	42	49	45.5	0.01	19.5
11/13/17	1113	11	40	49	44.5	0	20.5
11/14/17	1114	11	37	53	45	0	20
11/15/17	1115	11	44	62	53	0.15	12
11/16/17	1116	11	31	47	39	0	26
11/17/17	1117	11	31	60	45.5	0	19.5

11/18/17	1118	11	38	72	55	0.24	10
11/19/17	1119	11	30	43	36.5	0	28.5
11/20/17	1120	11	34	61	47.5	0	17.5
11/21/17	1121	11	30	57	43.5	0	21.5
11/22/17	1122	11	24	40	32	0	33
11/23/17	1123	11	31	59	45	0	20
11/24/17	1124	11	35	74	54.5	0	10.5
11/25/17	1125	11	38	61	49.5	0	15.5
11/26/17	1126	11	34	62	48	0	17
11/27/17	1127	11	43	72	57.5	0	7.5
11/28/17	1128	11	52	74	63	0	2
11/29/17	1129	11	46	57	51.5	0	13.5
11/30/17	1130	11	35	57	46	0.07	19
12/01/17	1201	12	31	56	43.5	0	21.5
12/02/17	1202	12	39	63	51	0	14
12/03/17	1203	12	38	65	51.5	0	13.5
12/04/17	1204	12	47	70	58.5	0.15	6.5
12/05/17	1205	12	33	47	40	0	25
12/06/17	1206	12	35	48	41.5	0	23.5
12/07/17	1207	12	20	35	27.5	0	37.5
12/08/17	1208	12	18	40	29	0	36
12/09/17	1209	12	23	36	29.5	0	35.5
12/10/17	1210	12	22	52	37	0	28
12/11/17	1211	12	29	58	43.5	0	21.5
12/12/17	1212	12	27	41	34	0	31
12/13/17	1213	12	27	58	42.5	0	22.5
12/14/17	1214	12	28	39	33.5	0	31.5
12/15/17	1215	12	28	45	36.5	0	28.5
12/16/17	1216	12	36	62	49	0	16
12/17/17	1217	12	42	55	48.5	0	16.5
12/18/17	1218	12	42	54	48	0	17
12/19/17	1219	12	35	53	44	0	21
12/20/17	1220	12	34	51	42.5	0	22.5
12/21/17	1221	12	31	57	44	0	21
12/22/17	1222	12	36	52	44	0.22	21
12/23/17	1223	12	29	36	32.5	0.37	32.5
12/24/17	1224	12	20	30	25	0.08	40
12/25/17	1225	12	17	29	23	0	42
12/26/17	1226	12	8	24	16	0.02	49
12/27/17	1227	12	2	12	7	0	58
12/28/17	1228	12	9	21	15	0	50
12/29/17	1229	12	15	26	20.5	0	44.5
12/30/17	1230	12	5	25	15	0	50
12/31/17	1231	12	2	12	7	0	58
01/01/18	0101	1	-6	9	1.5	0	63.5
01/02/18	0102	1	-1	19	9	0	56
01/03/18	0103	1	8	27	17.5	0	47.5
01/04/18	0104	1	3	18	10.5	0	54.5
01/05/18	0105	1	8	20	14	0	51

01/06/18	0106	1	4	21	12.5	0	52.5
01/07/18	0107	1	19	39	29	0.35	36
01/08/18	0108	1	31	37	34	0	31
01/09/18	0109	1	30	38	34	0	31
01/10/18	0110	1	38	59	48.5	0	16.5
01/11/18	0111	1	17	65	41	0.04	24
01/12/18	0112	1	13	18	15.5	0	49.5
01/13/18	0113	1	13	23	18	0	47
01/14/18	0114	1	14	27	20.5	0.01	44.5
01/15/18	0115	1	5	29	17	0.06	48
01/16/18	0116	1	-1	11	5	0	60
01/17/18	0117	1	3	25	14	0	51
01/18/18	0118	1	19	46	32.5	0	32.5
01/19/18	0119	1	25	57	41	0	24
01/20/18	0120	1	30	60	45	0	20
01/21/18	0121	1	36	69	52.5	0	12.5
01/22/18	0122	1	36	62	49	0.76	16
01/23/18	0123	1	33	37	35	0.01	30
01/24/18	0124	1	26	42	34	0	31
01/25/18	0125	1	27	66	46.5	0	18.5
01/26/18	0126	1	42	62	52	0	13
01/27/18	0127	1	32	56	44	0	21
01/28/18	0128	1	30	56	43	0	22
01/29/18	0129	1	22	34	28	0	37
01/30/18	0130	1	18	38	28	0	37
01/31/18	0131	1	34	59	46.5	0	18.5
02/01/18	0201	2	16	41	28.5	0	36.5
02/02/18	0202	2	11	31	21	0	44
02/03/18	0203	2	27	46	36.5	0	28.5
02/04/18	0204	2	12	38	25	0.01	40
02/05/18	0205	2	6	29	17.5	0	47.5
02/06/18	0206	2	16	26	21	0	44
02/07/18	0207	2	16	34	25	0	40
02/08/18	0208	2	19	48	33.5	0	31.5
02/09/18	0209	2	28	57	42.5	0	22.5
02/10/18	0210	2	22	28	25	0.02	40
02/11/18	0211	2	19	26	22.5	0.01	42.5
02/12/18	0212	2	15	38	26.5	0	38.5
02/13/18	0213	2	21	47	34	0	31
02/14/18	0214	2	40	66	53	0.13	12
02/15/18	0215	2	48	80	64	0.26	1
02/16/18	0216	2	30	48	39	0	26
02/17/18	0217	2	28	43	35.5	0.1	29.5
02/18/18	0218	2	27	53	40	0	25
02/19/18	0219	2	51	68	59.5	0.89	5.5
02/20/18	0220	2	33	69	51	1.03	14
02/21/18	0221	2	27	34	30.5	0.3	34.5
02/22/18	0222	2	32	45	38.5	0.26	26.5
02/23/18	0223	2	40	50	45	0.3	20

02/24/18	0224	2	39	55	47	1.74	18
02/25/18	0225	2	34	53	43.5	0	21.5
02/26/18	0226	2	32	62	47	0	18
02/27/18	0227	2	44	69	56.5	0	8.5
02/28/18	0228	2	51	58	54.5	0.2	10.5
03/01/18	0301	3	37	57	47	0.27	18
03/02/18	0302	3	31	53	42	0	23
03/03/18	0303	3	33	57	45	0	20
03/04/18	0304	3	34	60	47	0	18
03/05/18	0305	3	34	50	42	0.62	23
03/06/18	0306	3	32	48	40	0.04	25
03/07/18	0307	3	30	40	35	0	30
03/08/18	0308	3	28	42	35	0	30
03/09/18	0309	3	25	51	38	0	27
03/10/18	0310	3	34	53	43.5	0	21.5
03/11/18	0311	3	31	45	38	0.27	27
03/12/18	0312	3	30	47	38.5	0	26.5
03/13/18	0313	3	28	49	38.5	0	26.5
03/14/18	0314	3	24	57	40.5	0	24.5
03/15/18	0315	3	41	69	55	0	10
03/16/18	0316	3	39	50	44.5	0.34	20.5
03/17/18	0317	3	40	48	44	0	21
03/18/18	0318	3	38	43	40.5	0	24.5
03/19/18	0319	3	40	48	44	1.43	21
03/20/18	0320	3	34	45	39.5	0	25.5
03/21/18	0321	3	33	51	42	0	23
03/22/18	0322	3	31	51	41	0	24
03/23/18	0323	3	42	52	47	0.24	18
03/24/18	0324	3	35	43	39	0.83	26
03/25/18	0325	3	35	50	42.5	0	22.5
03/26/18	0326	3	38	55	46.5	1.01	18.5
03/27/18	0327	3	44	59	51.5	1.12	13.5
03/28/18	0328	3	42	50	46	0.02	19
03/29/18	0329	3	45	49	47	0.79	18
03/30/18	0330	3	39	57	48	0	17
03/31/18	0331	3	39	56	47.5	0.14	17.5
04/01/18	0401	4	27	39	33	0.28	32
04/02/18	0402	4	25	42	33.5	0.03	31.5
04/03/18	0403	4	36	73	54.5	0.19	10.5
04/04/18	0404	4	29	42	35.5	0	29.5
04/05/18	0405	4	28	64	46	0	19
04/06/18	0406	4	28	52	40	0	25
04/07/18	0407	4	24	44	34	0	31
04/08/18	0408	4	29	43	36	0.01	29
04/09/18	0409	4	34	48	41	0	24
04/10/18	0410	4	36	52	44	0	21
04/11/18	0411	4	45	77	61	0	4
04/12/18	0412	4	60	85	72.5	0	0
04/13/18	0413	4	61	79	70	0.74	0

04/14/18	0414	4	41	64	52.5	0.51	12.5
04/15/18	0415	4	32	43	37.5	0.01	27.5
04/16/18	0416	4	30	48	39	0	26
04/17/18	0417	4	31	60	45.5	0	19.5
04/18/18	0418	4	39	69	54	0	11
04/19/18	0419	4	35	56	45.5	0	19.5
04/20/18	0420	4	37	62	49.5	0	15.5
04/21/18	0421	4	40	67	53.5	0	11.5
04/22/18	0422	4	51	61	56	0.02	9
04/23/18	0423	4	49	60	54.5	0.07	10.5
04/24/18	0424	4	50	72	61	0	4
04/25/18	0425	4	47	66	56.5	0	8.5
04/26/18	0426	4	50	72	61	0	4
04/27/18	0427	4	50	72	61	0	4
04/28/18	0428	4	44	63	53.5	0	11.5
04/29/18	0429	4	40	65	52.5	0	12.5
04/30/18	0430	4	43	80	61.5	0	3.5
05/01/18	0501	5	61	87	74	0	0
05/02/18	0502	5	69	87	78	0	0
05/03/18	0503	5	65	77	71	1.02	0
05/04/18	0504	5	57	75	66	0	0
05/05/18	0505	5	54	81	67.5	0	0
05/06/18	0506	5	60	84	72	0.01	0
05/07/18	0507	5	56	78	67	0	0
05/08/18	0508	5	53	80	66.5	0	0
05/09/18	0509	5	65	88	76.5	0.17	0
05/10/18	0510	5	61	90	75.5	0	0
05/11/18	0511	5	68	89	78.5	0	0
05/12/18	0512	5	72	90	81	0	0
05/13/18	0513	5	72	91	81.5	0	0
05/14/18	0514	5	66	91	78.5	0.15	0
05/15/18	0515	5	68	82	75	0.03	0
05/16/18	0516	5	63	83	73	0	0
05/17/18	0517	5	68	83	75.5	0	0
05/18/18	0518	5	65	72	68.5	1.61	0
05/19/18	0519	5	65	80	72.5	0.07	0
05/20/18	0520	5	63	80	71.5	0.16	0
05/21/18	0521	5	65	81	73	0.33	0
05/22/18	0522	5	66	84	75	0	0
05/23/18	0523	5	66	86	76	0	0
05/24/18	0524	5	67	88	77.5	0	0
05/25/18	0525	5	71	88	79.5	0.13	0
05/26/18	0526	5	69	93	81	0	0
05/27/18	0527	5	69	96	82.5	1.33	0
05/28/18	0528	5	71	93	82	0	0
05/29/18	0529	5	74	83	78.5	0	0
05/30/18	0530	5	72	90	81	0.04	0
05/31/18	0531	5	75	89	82	0	0
06/01/18	0601	6	71	96	83.5	0	0

06/02/18	0602	6	71	86	78.5	0.31	0
06/03/18	0603	6	64	83	73.5	0	0
06/04/18	0604	6	58	80	69	0	0
06/05/18	0605	6	61	88	74.5	0	0
06/06/18	0606	6	66	90	78	0	0
06/07/18	0607	6	74	94	84	0	0
06/08/18	0608	6	75	92	83.5	0	0
06/09/18	0609	6	70	84	77	0.43	0
06/10/18	0610	6	74	94	84	0	0
06/11/18	0611	6	72	94	83	0	0
06/12/18	0612	6	76	91	83.5	0	0
06/13/18	0613	6	71	90	80.5	0	0
06/14/18	0614	6	67	91	79	0	0
06/15/18	0615	6	71	96	83.5	0	0
06/16/18	0616	6	77	96	86.5	0	0
06/17/18	0617	6	80	96	88	0	0
06/18/18	0618	6	80	96	88	0	0
06/19/18	0619	6	74	95	84.5	0.03	0
06/20/18	0620	6	72	92	82	0.92	0
06/21/18	0621	6	68	86	77	0.01	0
06/22/18	0622	6	66	73	69.5	0.37	0
06/23/18	0623	6	68	81	74.5	0	0
06/24/18	0624	6	67	86	76.5	0	0
06/25/18	0625	6	68	84	76	0	0
06/26/18	0626	6	69	82	75.5	0.82	0
06/27/18	0627	6	69	91	80	0	0
06/28/18	0628	6	72	96	84	0.2	0
06/29/18	0629	6	73	95	84	0	0
06/30/18	0630	6	79	96	87.5	0	0
07/01/18	0701	7	76	95	85.5	0.59	0
07/02/18	0702	7	75	90	82.5	0	0
07/03/18	0703	7	75	93	84	0.05	0
07/04/18	0704	7	78	95	86.5	0	0
07/05/18	0705	7	75	97	86	0	0
07/06/18	0706	7	69	92	80.5	0	0
07/07/18	0707	7	62	83	72.5	0	0
07/08/18	0708	7	64	89	76.5	0	0
07/09/18	0709	7	74	95	84.5	0.25	0
07/10/18	0710	7	75	97	86	0	0
07/11/18	0711	7	75	93	84	0	0
07/12/18	0712	7	74	92	83	0	0
07/13/18	0713	7	73	98	85.5	0	0
07/14/18	0714	7	73	100	86.5	0.28	0
07/15/18	0715	7	74	91	82.5	0	0
07/16/18	0716	7	77	95	86	0	0
07/17/18	0717	7	73	90	81.5	0	0
07/18/18	0718	7	70	89	79.5	0	0
07/19/18	0719	7	71	88	79.5	0.02	0
07/20/18	0720	7	73	98	85.5	0	0

07/21/18	0721	7	71	86	78.5	0	0
07/22/18	0722	7	69	82	75.5	0	0
07/23/18	0723	7	68	88	78	0	0
07/24/18	0724	7	68	91	79.5	0	0
07/25/18	0725	7	67	89	78	0	0
07/26/18	0726	7	69	88	78.5	0	0
07/27/18	0727	7	65	86	75.5	0	0
07/28/18	0728	7	65	82	73.5	0	0
07/29/18	0729	7	67	74	70.5	0.2	0
07/30/18	0730	7	66	79	72.5	0.01	0
07/31/18	0731	7	64	77	70.5	0.6	0
08/01/18	0801	8	61	87	74	0	0
08/02/18	0802	8	69	94	81.5	0.02	0
08/03/18	0803	8	70	96	83	0.17	0
08/04/18	0804	8	76	94	85	0	0
08/05/18	0805	8	77	95	86	0	0
08/06/18	0806	8	78	99	88.5	0	0
08/07/18	0807	8	71	85	78	0.46	0
08/08/18	0808	8	72	90	81	0	0
08/09/18	0809	8	68	89	78.5	0	0
08/10/18	0810	8	69	96	82.5	0.98	0
08/11/18	0811	8	71	89	80	0	0
08/12/18	0812	8	70	90	80	0	0
08/13/18	0813	8	70	90	80	0	0
08/14/18	0814	8	70	85	77.5	0.05	0
08/15/18	0815	8	71	85	78	0.45	0
08/16/18	0816	8	73	92	82.5	0	0
08/17/18	0817	8	73	87	80	0	0
08/18/18	0818	8	70	87	78.5	0	0
08/19/18	0819	8	69	86	77.5	0	0
08/20/18	0820	8	70	86	78	0.76	0
08/21/18	0821	8	69	82	75.5	0.02	0
08/22/18	0822	8	64	79	71.5	0	0
08/23/18	0823	8	59	80	69.5	0	0
08/24/18	0824	8	64	75	69.5	1.12	0
08/25/18	0825	8	75	95	85	0	0
08/26/18	0826	8	80	95	87.5	0	0
08/27/18	0827	8	77	95	86	0	0
08/28/18	0828	8	77	96	86.5	0	0
08/29/18	0829	8	70	82	76	0.87	0
08/30/18	0830	8	68	80	74	0	0
08/31/18	0831	8	70	88	79	0.02	0
09/01/18	0901	9	74	91	82.5	0	0
09/02/18	0902	9	73	91	82	0	0
09/03/18	0903	9	74	93	83.5	0	0
09/04/18	0904	9	74	93	83.5	0	0
09/05/18	0905	9	74	94	84	0	0
09/06/18	0906	9	74	86	80	0	0
09/07/18	0907	9	69	83	76	0.79	0

09/08/18	0908	9	62	70	66	0.95	0
09/09/18	0909	9	60	76	68	0.02	0
09/10/18	0910	9	59	80	69.5	0	0
09/11/18	0911	9	60	83	71.5	0	0
09/12/18	0912	9	61	81	71	0	0
09/13/18	0913	9	64	85	74.5	0	0
09/14/18	0914	9	67	90	78.5	0	0
09/15/18	0915	9	69	91	80	0	0
09/16/18	0916	9	68	91	79.5	0	0
09/17/18	0917	9	72	94	83	0	0
09/18/18	0918	9	74	94	84	0	0
09/19/18	0919	9	73	92	82.5	0	0
09/20/18	0920	9	75	95	85	0	0
09/21/18	0921	9	64	83	73.5	0.05	0
09/22/18	0922	9	58	71	64.5	0	0.5
09/23/18	0923	9	55	80	67.5	0	0
09/24/18	0924	9	66	79	72.5	0	0
09/25/18	0925	9	67	87	77	0	0
09/26/18	0926	9	53	71	62	0.35	3
09/27/18	0927	9	52	74	63	0	2
09/28/18	0928	9	53	78	65.5	0	0
09/29/18	0929	9	52	73	62.5	0	2.5
09/30/18	0930	9	58	85	71.5	0	0
10/01/18	1001	10	65	86	75.5	0	0
10/02/18	1002	10	70	89	79.5	0	0
10/03/18	1003	10	74	91	82.5	0	0
10/04/18	1004	10	61	81	71	0.07	0
10/05/18	1005	10	64	89	76.5	0	0
10/06/18	1006	10	68	90	79	0.68	0
10/07/18	1007	10	66	86	76	0.5	0
10/08/18	1008	10	68	88	78	0	0
10/09/18	1009	10	72	86	79	0	0
10/10/18	1010	10	54	78	66	0.1	0
10/11/18	1011	10	44	59	51.5	0	13.5
10/12/18	1012	10	41	46	43.5	0.22	21.5
10/13/18	1013	10	43	50	46.5	0	18.5
10/14/18	1014	10	47	56	51.5	0.06	13.5
10/15/18	1015	10	38	51	44.5	0.1	20.5
10/16/18	1016	10	36	59	47.5	0	17.5
10/17/18	1017	10	42	64	53	0	12
10/18/18	1018	10	37	61	49	0	16
10/19/18	1019	10	46	57	51.5	0	13.5
10/20/18	1020	10	39	66	52.5	0	12.5
10/21/18	1021	10	30	57	43.5	0	21.5
10/22/18	1022	10	44	73	58.5	0	6.5
10/23/18	1023	10	42	64	53	0	12
10/24/18	1024	10	36	59	47.5	0	17.5
10/25/18	1025	10	46	57	51.5	0.17	13.5
10/26/18	1026	10	44	50	47	0.29	18

10/27/18	1027	10	42	63	52.5	0	12.5
10/28/18	1028	10	46	67	56.5	0	8.5
10/29/18	1029	10	41	71	56	0	9
10/30/18	1030	10	53	80	66.5	0	0
10/31/18	1031	10	48	71	59.5	0.98	5.5
11/01/18	1101	11	44	48	46	0.79	19
11/02/18	1102	11	38	56	47	0.11	18
11/03/18	1103	11	39	54	46.5	0	18.5
11/04/18	1104	11	49	57	53	0.35	12
11/05/18	1105	11	43	52	47.5	0.39	17.5
11/06/18	1106	11	46	60	53	0	12
11/07/18	1107	11	35	53	44	0	21
11/08/18	1108	11	33	41	37	0.05	28
11/09/18	1109	11	23	37	30	0.04	35
11/10/18	1110	11	18	35	26.5	0	38.5
11/11/18	1111	11	29	45	37	0	28
11/12/18	1112	11	27	40	33.5	0.09	31.5
11/13/18	1113	11	20	28	24	0	41
11/14/18	1114	11	17	32	24.5	0.08	40.5
11/15/18	1115	11	28	35	31.5	0.21	33.5
11/16/18	1116	11	32	49	40.5	0	24.5
11/17/18	1117	11	31	51	41	0	24
11/18/18	1118	11	35	39	37	0.08	28
11/19/18	1119	11	35	41	38	0	27
11/20/18	1120	11	30	36	33	0	32
11/21/18	1121	11	30	59	44.5	0	20.5
11/22/18	1122	11	28	63	45.5	0	19.5
11/23/18	1123	11	39	50	44.5	0.38	20.5
11/24/18	1124	11	41	64	52.5	0	12.5
11/25/18	1125	11	32	58	45	0.23	20
11/26/18	1126	11	21	32	26.5	0	38.5
11/27/18	1127	11	18	30	24	0	41
11/28/18	1128	11	18	33	25.5	0	39.5
11/29/18	1129	11	26	55	40.5	0	24.5
11/30/18	1130	11	38	52	45	0	20
12/01/18	1201	12	48	67	57.5	0.78	7.5
12/02/18	1202	12	39	56	47.5	0	17.5
12/03/18	1203	12	33	39	36	0	29
12/04/18	1204	12	28	36	32	0.13	33
12/05/18	1205	12	26	45	35.5	0	29.5
12/06/18	1206	12	26	40	33	0.11	32
12/07/18	1207	12	24	30	27	0	38
12/08/18	1208	12	22	31	26.5	0	38.5
12/09/18	1209	12	17	36	26.5	0	38.5
12/10/18	1210	12	16	40	28	0	37
12/11/18	1211	12	24	54	39	0	26
12/12/18	1212	12	34	55	44.5	0	20.5
12/13/18	1213	12	34	49	41.5	0.5	23.5
12/14/18	1214	12	41	48	44.5	0.41	20.5

12/15/18	1215	12	35	50	42.5	0.18	22.5
12/16/18	1216	12	31	59	45	0	20
12/17/18	1217	12	31	52	41.5	0	23.5
12/18/18	1218	12	27	51	39	0	26
12/19/18	1219	12	39	58	48.5	0	16.5
12/20/18	1220	12	37	48	42.5	0.09	22.5
12/21/18	1221	12	26	37	31.5	0	33.5
12/22/18	1222	12	24	54	39	0	26
12/23/18	1223	12	30	45	37.5	0	27.5
12/24/18	1224	12	28	51	39.5	0	25.5
12/25/18	1225	12	33	50	41.5	0	23.5
12/26/18	1226	12	31	53	42	0.02	23
12/27/18	1227	12	44	59	51.5	0.61	13.5
12/28/18	1228	12	29	51	40	0	25
12/29/18	1229	12	26	33	29.5	0	35.5
12/30/18	1230	12	24	44	34	0.12	31
12/31/18	1231	12	40	48	44	1.03	21
01/01/19	0101	1	31	41	36	0	29
01/02/19	0102	1	29	34	31.5	0	33.5
01/03/19	0103	1	24	46	35	0	30
01/04/19	0104	1	28	51	39.5	0	25.5
01/05/19	0105	1	34	61	47.5	0	17.5
01/06/19	0106	1	32	58	45	0	20
01/07/19	0107	1	46	68	57	0.1	8
01/08/19	0108	1	40	53	46.5	0	18.5
01/09/19	0109	1	25	40	32.5	0	32.5
01/10/19	0110	1	20	34	27	0	38
01/11/19	0111	1	23	34	28.5	0.65	36.5
01/12/19	0112	1	30	34	32	0.45	33
01/13/19	0113	1	29	34	31.5	0.03	33.5
01/14/19	0114	1	29	33	31	0	34
01/15/19	0115	1	30	35	32.5	0	32.5
01/16/19	0116	1	34	37	35.5	0	29.5
01/17/19	0117	1	34	39	36.5	0.03	28.5
01/18/19	0118	1	34	37	35.5	0.18	29.5
01/19/19	0119	1	19	37	28	0.25	37
01/20/19	0120	1	9	19	14	0.05	51
01/21/19	0121	1	7	24	15.5	0	49.5
01/22/19	0122	1	23	43	33	0.75	32
01/23/19	0123	1	20	47	33.5	0.34	31.5
01/24/19	0124	1	14	30	22	0	43
01/25/19	0125	1	7	35	21	0	44
01/26/19	0126	1	21	47	34	0	31
01/27/19	0127	1	21	34	27.5	0	37.5
01/28/19	0128	1	14	46	30	0.07	35
01/29/19	0129	1	8	28	18	0	47
01/30/19	0130	1	-6	8	1	0.03	64
01/31/19	0131	1	2	28	15	0	50
02/01/19	0201	2	24	46	35	0	30

02/02/19	0202	2	31	60	45.5	0	19.5
02/03/19	0203	2	40	67	53.5	0	11.5
02/04/19	0204	2	31	70	50.5	0	14.5
02/05/19	0205	2	28	40	34	0.05	31
02/06/19	0206	2	34	41	37.5	1.17	27.5
02/07/19	0207	2	16	39	27.5	0.96	37.5
02/08/19	0208	2	12	23	17.5	0	47.5
02/09/19	0209	2	12	30	21	0	44
02/10/19	0210	2	22	36	29	0.16	36
02/11/19	0211	2	34	38	36	0.31	29
02/12/19	0212	2	30	41	35.5	0.02	29.5
02/13/19	0213	2	25	47	36	0	29
02/14/19	0214	2	30	64	47	0	18
02/15/19	0215	2	20	30	25	0.13	40
02/16/19	0216	2	15	33	24	0	41
02/17/19	0217	2	30	35	32.5	0.01	32.5
02/18/19	0218	2	27	31	29	0	36
02/19/19	0219	2	24	35	29.5	0.33	35.5
02/20/19	0220	2	32	42	37	0.18	28
02/21/19	0221	2	26	43	34.5	0	30.5
02/22/19	0222	2	31	43	37	0	28
02/23/19	0223	2	41	58	49.5	0.2	15.5
02/24/19	0224	2	26	54	40	0	25
02/25/19	0225	2	19	42	30.5	0	34.5
02/26/19	0226	2	26	51	38.5	0	26.5
02/27/19	0227	2	25	48	36.5	0	28.5
02/28/19	0228	2	21	29	25	0.04	40
03/01/19	0301	3	28	41	34.5	0	30.5
03/02/19	0302	3	30	38	34	0	31
03/03/19	0303	3	8	30	19	0.22	46
03/04/19	0304	3	2	19	10.5	0	54.5
03/05/19	0305	3	11	25	18	0	47
03/06/19	0306	3	13	36	24.5	0	40.5
03/07/19	0307	3	29	41	35	0	30
03/08/19	0308	3	32	47	39.5	0	25.5
03/09/19	0309	3	39	63	51	1.28	14
03/10/19	0310	3	34	48	41	0	24
03/11/19	0311	3	35	52	43.5	0	21.5
03/12/19	0312	3	33	52	42.5	0.07	22.5
03/13/19	0313	3	43	69	56	1	9
03/14/19	0314	3	44	67	55.5	0	9.5
03/15/19	0315	3	37	50	43.5	0	21.5
03/16/19	0316	3	29	53	41	0	24
03/17/19	0317	3	36	51	43.5	0	21.5
03/18/19	0318	3	32	52	42	0	23
03/19/19	0319	3	32	56	44	0	21
03/20/19	0320	3	46	56	51	0.02	14
03/21/19	0321	3	39	55	47	0	18
03/22/19	0322	3	38	63	50.5	0	14.5

03/23/19	0323	3	36	59	47.5	0.06	17.5
03/24/19	0324	3	44	67	55.5	0.55	9.5
03/25/19	0325	3	42	55	48.5	0.01	16.5
03/26/19	0326	3	31	54	42.5	0	22.5
03/27/19	0327	3	34	66	50	0	15
03/28/19	0328	3	56	71	63.5	0.66	1.5
03/29/19	0329	3	55	66	60.5	0.04	4.5
03/30/19	0330	3	36	59	47.5	1.72	17.5
03/31/19	0331	3	31	44	37.5	0	27.5
04/01/19	0401	4	30	52	41	0	24
04/02/19	0402	4	37	67	52	0	13
04/03/19	0403	4	40	65	52.5	0	12.5
04/04/19	0404	4	50	56	53	0.45	12
04/05/19	0405	4	49	58	53.5	0	11.5
04/06/19	0406	4	42	71	56.5	0	8.5
04/07/19	0407	4	56	83	69.5	0.07	0
04/08/19	0408	4	53	77	65	0.03	0
04/09/19	0409	4	54	74	64	0	1
04/10/19	0410	4	53	77	65	0	0
04/11/19	0411	4	53	80	66.5	0.11	0
04/12/19	0412	4	42	63	52.5	0	12.5
04/13/19	0413	4	44	59	51.5	0.18	13.5
04/14/19	0414	4	34	44	39	0.73	26
04/15/19	0415	4	31	66	48.5	0	16.5
04/16/19	0416	4	55	86	70.5	0	0
04/17/19	0417	4	65	83	74	0	0
04/18/19	0418	4	48	66	57	1.93	8
04/19/19	0419	4	45	58	51.5	0	13.5
04/20/19	0420	4	41	69	55	0	10
04/21/19	0421	4	46	81	63.5	0	1.5
04/22/19	0422	4	61	87	74	0	0
04/23/19	0423	4	57	73	65	0.01	0
04/24/19	0424	4	56	63	59.5	0.63	5.5
04/25/19	0425	4	52	61	56.5	0.14	8.5
04/26/19	0426	4	49	68	58.5	0	6.5
04/27/19	0427	4	43	79	61	0.09	4
04/28/19	0428	4	41	57	49	0	16
04/29/19	0429	4	53	75	64	0.03	1
04/30/19	0430	4	56	73	64.5	2.1	0.5
05/01/19	0501	5	61	75	68	0.51	0
05/02/19	0502	5	57	67	62	1.32	3
05/03/19	0503	5	53	62	57.5	0.03	7.5
05/04/19	0504	5	51	67	59	0.19	6
05/05/19	0505	5	48	76	62	0	3
05/06/19	0506	5	55	77	66	0	0
05/07/19	0507	5	60	79	69.5	0	0
05/08/19	0508	5	61	82	71.5	1.12	0
05/09/19	0509	5	50	67	58.5	0.11	6.5
05/10/19	0510	5	48	61	54.5	0	10.5

05/11/19	0511	5	45	50	47.5	0.41	17.5
05/12/19	0512	5	48	58	53	0.03	12
05/13/19	0513	5	44	66	55	0	10
05/14/19	0514	5	48	74	61	0	4
05/15/19	0515	5	58	80	69	0.12	0
05/16/19	0516	5	64	91	77.5	0	0
05/17/19	0517	5	67	88	77.5	0	0
05/18/19	0518	5	69	88	78.5	0	0
05/19/19	0519	5	58	78	68	0.13	0
05/20/19	0520	5	54	70	62	0	3
05/21/19	0521	5	49	70	59.5	1.79	5.5
05/22/19	0522	5	59	87	73	0	0
05/23/19	0523	5	70	82	76	0.18	0
05/24/19	0524	5	72	92	82	0	0
05/25/19	0525	5	72	90	81	0	0
05/26/19	0526	5	68	84	76	0.96	0
05/27/19	0527	5	69	87	78	0.01	0
05/28/19	0528	5	70	89	79.5	0	0
05/29/19	0529	5	65	88	76.5	0.84	0
05/30/19	0530	5	65	80	72.5	0	0
05/31/19	0531	5	62	81	71.5	0	0
06/01/19	0601	6	65	87	76	1.12	0
06/02/19	0602	6	64	79	71.5	0	0
06/03/19	0603	6	57	78	67.5	0	0
06/04/19	0604	6	65	87	76	0.08	0
06/05/19	0605	6	68	93	80.5	0.47	0
06/06/19	0606	6	68	85	76.5	0	0
06/07/19	0607	6	72	88	80	0.08	0
06/08/19	0608	6	69	79	74	0	0
06/09/19	0609	6	70	87	78.5	0	0
06/10/19	0610	6	65	79	72	0	0
06/11/19	0611	6	59	83	71	0	0
06/12/19	0612	6	58	70	64	0.22	1
06/13/19	0613	6	57	74	65.5	0	0
06/14/19	0614	6	55	77	66	0.01	0
06/15/19	0615	6	69	86	77.5	0.22	0
06/16/19	0616	6	73	86	79.5	0.31	0
06/17/19	0617	6	71	75	73	0.11	0
06/18/19	0618	6	69	84	76.5	0	0
06/19/19	0619	6	71	80	75.5	0.01	0
06/20/19	0620	6	65	83	74	0	0
06/21/19	0621	6	67	78	72.5	1.09	0
06/22/19	0622	6	67	79	73	0.59	0
06/23/19	0623	6	70	78	74	0.07	0
06/24/19	0624	6	68	84	76	0	0
06/25/19	0625	6	65	90	77.5	0	0
06/26/19	0626	6	71	93	82	0.22	0
06/27/19	0627	6	68	91	79.5	0	0
06/28/19	0628	6	71	91	81	0.07	0

06/29/19	0629	6	70	93	81.5	0	0
06/30/19	0630	6	76	94	85	0	0
07/01/19	0701	7	77	93	85	0	0
07/02/19	0702	7	80	92	86	0.57	0
07/03/19	0703	7	74	93	83.5	0.03	0
07/04/19	0704	7	74	94	84	0.17	0
07/05/19	0705	7	75	93	84	0.01	0
07/06/19	0706	7	75	92	83.5	0	0
07/07/19	0707	7	75	88	81.5	0	0
07/08/19	0708	7	71	89	80	0	0
07/09/19	0709	7	75	93	84	0	0
07/10/19	0710	7	75	97	86	0	0
07/11/19	0711	7	72	88	80	0	0
07/12/19	0712	7	71	90	80.5	0	0
07/13/19	0713	7	69	93	81	0	0
07/14/19	0714	7	74	93	83.5	0	0
07/15/19	0715	7	71	78	74.5	0.52	0
07/16/19	0716	7	74	86	80	0.07	0
07/17/19	0717	7	72	95	83.5	0.31	0
07/18/19	0718	7	74	96	85	0	0
07/19/19	0719	7	80	97	88.5	0	0
07/20/19	0720	7	79	96	87.5	0	0
07/21/19	0721	7	78	91	84.5	0	0
07/22/19	0722	7	66	82	74	3.3	0
07/23/19	0723	7	63	82	72.5	0	0
07/24/19	0724	7	66	86	76	0	0
07/25/19	0725	7	67	87	77	0	0
07/26/19	0726	7	72	87	79.5	0	0
07/27/19	0727	7	72	89	80.5	0	0
07/28/19	0728	7	73	91	82	0	0
07/29/19	0729	7	70	87	78.5	0.72	0
07/30/19	0730	7	70	85	77.5	0	0
07/31/19	0731	7	68	86	77	0	0
08/01/19	0801	8	65	83	74	0	0
08/02/19	0802	8	67	86	76.5	0	0
08/03/19	0803	8	70	88	79	0	0
08/04/19	0804	8	67	89	78	0	0
08/05/19	0805	8	71	92	81.5	0	0
08/06/19	0806	8	71	90	80.5	0.3	0
08/07/19	0807	8	70	87	78.5	0	0
08/08/19	0808	8	71	87	79	0	0
08/09/19	0809	8	72	89	80.5	0	0
08/10/19	0810	8	67	91	79	0	0
08/11/19	0811	8	75	87	81	0	0
08/12/19	0812	8	76	95	85.5	2.68	0
08/13/19	0813	8	73	90	81.5	0.35	0
08/14/19	0814	8	71	91	81	0	0
08/15/19	0815	8	66	85	75.5	0	0
08/16/19	0816	8	73	84	78.5	0	0

08/17/19	0817	8	74	89	81.5	0.12	0
08/18/19	0818	8	79	89	84	0	0
08/19/19	0819	8	75	97	86	0	0
08/20/19	0820	8	73	89	81	0.07	0
08/21/19	0821	8	73	88	80.5	0.04	0
08/22/19	0822	8	71	81	76	0.11	0
08/23/19	0823	8	67	83	75	0	0
08/24/19	0824	8	61	78	69.5	0	0
08/25/19	0825	8	67	74	70.5	0.3	0
08/26/19	0826	8	71	87	79	0.79	0
08/27/19	0827	8	68	85	76.5	0.49	0
08/28/19	0828	8	62	84	73	0	0
08/29/19	0829	8	67	89	78	0	0
08/30/19	0830	8	65	81	73	0.8	0
08/31/19	0831	8	65	83	74	0.28	0
09/01/19	0901	9	69	82	75.5	0	0
09/02/19	0902	9	67	86	76.5	0	0
09/03/19	0903	9	72	91	81.5	0	0
09/04/19	0904	9	67	83	75	0	0
09/05/19	0905	9	62	84	73	0	0
09/06/19	0906	9	69	88	78.5	0	0
09/07/19	0907	9	63	82	72.5	0	0
09/08/19	0908	9	65	80	72.5	0.8	0
09/09/19	0909	9	68	92	80	0	0
09/10/19	0910	9	76	92	84	0	0
09/11/19	0911	9	76	93	84.5	0	0
09/12/19	0912	9	77	93	85	0	0
09/13/19	0913	9	65	86	75.5	0	0
09/14/19	0914	9	61	86	73.5	0	0
09/15/19	0915	9	70	93	81.5	0	0
09/16/19	0916	9	73	95	84	0	0
09/17/19	0917	9	71	90	80.5	0	0
09/18/19	0918	9	69	90	79.5	0	0
09/19/19	0919	9	68	91	79.5	0	0
09/20/19	0920	9	71	90	80.5	0.3	0
09/21/19	0921	9	74	84	79	0.02	0
09/22/19	0922	9	73	86	79.5	0.5	0
09/23/19	0923	9	64	80	72	0	0
09/24/19	0924	9	59	79	69	0	0
09/25/19	0925	9	68	83	75.5	0	0
09/26/19	0926	9	60	76	68	0.04	0
09/27/19	0927	9	66	92	79	0	0
09/28/19	0928	9	70	81	75.5	0.01	0
09/29/19	0929	9	72	92	82	0.01	0
09/30/19	0930	9	74	92	83	0	0
10/01/19	1001	10	75	94	84.5	0	0
10/02/19	1002	10	74	93	83.5	0	0
10/03/19	1003	10	56	79	67.5	0	0
10/04/19	1004	10	51	70	60.5	0	4.5

10/05/19	1005	10	53	76	64.5	0	0.5
10/06/19	1006	10	57	69	63	0	2
10/07/19	1007	10	48	74	61	0	4
10/08/19	1008	10	48	74	61	0	4
10/09/19	1009	10	46	76	61	0	4
10/10/19	1010	10	62	71	66.5	0.94	0
10/11/19	1011	10	38	69	53.5	0.14	11.5
10/12/19	1012	10	35	62	48.5	0	16.5
10/13/19	1013	10	44	70	57	0	8
10/14/19	1014	10	42	71	56.5	0	8.5
10/15/19	1015	10	50	72	61	0	4
10/16/19	1016	10	42	57	49.5	0	15.5
10/17/19	1017	10	39	62	50.5	0	14.5
10/18/19	1018	10	42	67	54.5	0	10.5
10/19/19	1019	10	48	70	59	0	6
10/20/19	1020	10	56	65	60.5	0	4.5
10/21/19	1021	10	54	67	60.5	0.15	4.5
10/22/19	1022	10	46	62	54	0	11
10/23/19	1023	10	45	75	60	0	5
10/24/19	1024	10	46	60	53	0.01	12
10/25/19	1025	10	46	53	49.5	0	15.5
10/26/19	1026	10	46	51	48.5	1.25	16.5
10/27/19	1027	10	43	69	56	0	9
10/28/19	1028	10	48	55	51.5	0	13.5
10/29/19	1029	10	38	55	46.5	0.7	18.5
10/30/19	1030	10	36	41	38.5	0.6	26.5
10/31/19	1031	10	30	38	34	0.04	31
11/01/19	1101	11	29	57	43	0	22
11/02/19	1102	11	35	53	44	0	21
11/03/19	1103	11	32	62	47	0	18
11/04/19	1104	11	46	56	51	0.04	14
11/05/19	1105	11	40	55	47.5	0.02	17.5
11/06/19	1106	11	38	48	43	0.01	22
11/07/19	1107	11	27	44	35.5	0	29.5
11/08/19	1108	11	21	39	30	0	35
11/09/19	1109	11	33	63	48	0	17
11/10/19	1110	11	44	66	55	0	10
11/11/19	1111	11	16	44	30	0.3	35
11/12/19	1112	11	11	21	16	0	49
11/13/19	1113	11	16	38	27	0	38
11/14/19	1114	11	27	43	35	0	30
11/15/19	1115	11	22	48	35	0	30
11/16/19	1116	11	26	48	37	0	28
11/17/19	1117	11	31	52	41.5	0.01	23.5
11/18/19	1118	11	36	54	45	0.01	20
11/19/19	1119	11	37	58	47.5	0	17.5
11/20/19	1120	11	35	61	48	0	17
11/21/19	1121	11	43	63	53	0.18	12
11/22/19	1122	11	34	43	38.5	0.01	26.5

11/23/19	1123	11	34	41	37.5	0.09	27.5
11/24/19	1124	11	32	59	45.5	0	19.5
11/25/19	1125	11	43	67	55	0	10
11/26/19	1126	11	39	62	50.5	0.23	14.5
11/27/19	1127	11	32	60	46	0.01	19
11/28/19	1128	11	30	37	33.5	0.05	31.5
11/29/19	1129	11	36	42	39	1.09	26
11/30/19	1130	11	41	55	48	1.51	17
12/01/19	1201	12	34	48	41	0.01	24
12/02/19	1202	12	28	40	34	0	31
12/03/19	1203	12	26	51	38.5	0	26.5
12/04/19	1204	12	35	58	46.5	0	18.5
12/05/19	1205	12	30	61	45.5	0	19.5
12/06/19	1206	12	32	51	41.5	0	23.5
12/07/19	1207	12	25	46	35.5	0	29.5
12/08/19	1208	12	37	58	47.5	0.02	17.5
12/09/19	1209	12	26	54	40	0	25
12/10/19	1210	12	21	35	28	0	37
12/11/19	1211	12	22	48	35	0	30
12/12/19	1212	12	29	53	41	0	24
12/13/19	1213	12	32	49	40.5	0	24.5
12/14/19	1214	12	26	40	33	0.11	32
12/15/19	1215	12	25	28	26.5	0.23	38.5
12/16/19	1216	12	26	29	27.5	0.3	37.5
12/17/19	1217	12	18	33	25.5	0	39.5
12/18/19	1218	12	18	32	25	0	40
12/19/19	1219	12	25	47	36	0	29
12/20/19	1220	12	25	47	36	0	29
12/21/19	1221	12	26	52	39	0	26
12/22/19	1222	12	26	55	40.5	0	24.5
12/23/19	1223	12	30	64	47	0	18
12/24/19	1224	12	37	64	50.5	0	14.5
12/25/19	1225	12	36	70	53	0	12
12/26/19	1226	12	45	69	57	0	8
12/27/19	1227	12	38	46	42	0	23
12/28/19	1228	12	42	63	52.5	0.44	12.5
12/29/19	1229	12	40	62	51	0.75	14
12/30/19	1230	12	35	41	38	0	27
12/31/19	1231	12	34	41	37.5	0	27.5
01/01/20	0101	1	29	58	43.5	0	21.5
01/02/20	0102	1	42	57	49.5	0	15.5
01/03/20	0103	1	37	50	43.5	0	21.5
01/04/20	0104	1	30	41	35.5	0	29.5
01/05/20	0105	1	27	56	41.5	0	23.5
01/06/20	0106	1	26	50	38	0	27
01/07/20	0107	1	31	48	39.5	0	25.5
01/08/20	0108	1	29	45	37	0	28
01/09/20	0109	1	43	57	50	0.72	15
01/10/20	0110	1	47	61	54	2.14	11

01/11/20	0111	1	27	47	37	1.47	28
01/12/20	0112	1	26	33	29.5	0	35.5
01/13/20	0113	1	31	38	34.5	0	30.5
01/14/20	0114	1	32	52	42	0	23
01/15/20	0115	1	33	58	45.5	0.01	19.5
01/16/20	0116	1	21	33	27	0	38
01/17/20	0117	1	24	34	29	0.78	36
01/18/20	0118	1	23	51	37	0.75	28
01/19/20	0119	1	13	23	18	0	47
01/20/20	0120	1	14	24	19	0	46
01/21/20	0121	1	15	33	24	0	41
01/22/20	0122	1	24	37	30.5	0.07	34.5
01/23/20	0123	1	32	36	34	0.49	31
01/24/20	0124	1	33	36	34.5	0.01	30.5
01/25/20	0125	1	26	35	30.5	0	34.5
01/26/20	0126	1	26	44	35	0	30
01/27/20	0127	1	29	32	30.5	0	34.5
01/28/20	0128	1	29	33	31	0.01	34
01/29/20	0129	1	29	34	31.5	0.04	33.5
01/30/20	0130	1	31	37	34	0	31
01/31/20	0131	1	35	44	39.5	0	25.5
02/01/20	0201	2	34	45	39.5	0	25.5
02/02/20	0202	2	42	70	56	0	9
02/03/20	0203	2	40	74	57	0	8
02/04/20	0204	2	33	54	43.5	0.13	21.5
02/05/20	0205	2	29	34	31.5	0.2	33.5
02/06/20	0206	2	27	31	29	0	36
02/07/20	0207	2	25	39	32	0.05	33
02/08/20	0208	2	27	37	32	0	33
02/09/20	0209	2	30	58	44	0.52	21
02/10/20	0210	2	32	43	37.5	0.06	27.5
02/11/20	0211	2	33	45	39	0	26
02/12/20	0212	2	32	37	34.5	0.43	30.5
02/13/20	0213	2	8	34	21	0.02	44
02/14/20	0214	2	5	25	15	0	50
02/15/20	0215	2	23	47	35	0	30
02/16/20	0216	2	31	50	40.5	0	24.5
02/17/20	0217	2	35	53	44	0.12	21
02/18/20	0218	2	31	53	42	0	23
02/19/20	0219	2	26	43	34.5	0	30.5
02/20/20	0220	2	21	32	26.5	0	38.5
02/21/20	0221	2	16	44	30	0	35
02/22/20	0222	2	23	55	39	0	26
02/23/20	0223	2	41	62	51.5	0	13.5
02/24/20	0224	2	43	48	45.5	0.58	19.5
02/25/20	0225	2	34	43	38.5	0.18	26.5
02/26/20	0226	2	30	36	33	0.18	32
02/27/20	0227	2	24	45	34.5	0	30.5
02/28/20	0228	2	26	49	37.5	0	27.5

02/29/20	0229	2	22	50	36	0	29
03/01/20	0301	3	40	71	55.5	0.02	9.5
03/02/20	0302	3	43	56	49.5	0.07	15.5
03/03/20	0303	3	40	62	51	0	14
03/04/20	0304	3	40	57	48.5	0	16.5
03/05/20	0305	3	37	63	50	0	15
03/06/20	0306	3	35	52	43.5	0	21.5
03/07/20	0307	3	29	60	44.5	0	20.5
03/08/20	0308	3	43	73	58	0	7
03/09/20	0309	3	55	62	58.5	0.41	6.5
03/10/20	0310	3	39	59	49	0.04	16
03/11/20	0311	3	42	62	52	0	13
03/12/20	0312	3	43	58	50.5	0.97	14.5
03/13/20	0313	3	37	48	42.5	0	22.5
03/14/20	0314	3	36	45	40.5	0.48	24.5
03/15/20	0315	3	35	42	38.5	0	26.5
03/16/20	0316	3	36	46	41	0.03	24
03/17/20	0317	3	42	53	47.5	0	17.5
03/18/20	0318	3	45	61	53	0.4	12
03/19/20	0319	3	54	70	62	0.87	3
03/20/20	0320	3	37	69	53	0	12
03/21/20	0321	3	34	45	39.5	0	25.5
03/22/20	0322	3	34	41	37.5	0.16	27.5
03/23/20	0323	3	37	46	41.5	0	23.5
03/24/20	0324	3	39	47	43	0.1	22
03/25/20	0325	3	45	65	55	0	10
03/26/20	0326	3	46	79	62.5	0	2.5
03/27/20	0327	3	55	80	67.5	0.36	0
03/28/20	0328	3	63	74	68.5	0.06	0
03/29/20	0329	3	51	68	59.5	0	5.5
03/30/20	0330	3	45	66	55.5	0	9.5
03/31/20	0331	3	42	63	52.5	0	12.5
04/01/20	0401	4	37	61	49	0	16
04/02/20	0402	4	48	70	59	0	6
04/03/20	0403	4	41	74	57.5	0.01	7.5
04/04/20	0404	4	37	44	40.5	0.09	24.5
04/05/20	0405	4	43	56	49.5	0	15.5
04/06/20	0406	4	46	76	61	0	4
04/07/20	0407	4	64	87	75.5	0	0
04/08/20	0408	4	54	90	72	0	0
04/09/20	0409	4	40	61	50.5	0	14.5
04/10/20	0410	4	34	58	46	0	19
04/11/20	0411	4	50	62	56	0	9
04/12/20	0412	4	40	62	51	0.53	14
04/13/20	0413	4	36	47	41.5	0.01	23.5
04/14/20	0414	4	35	52	43.5	0	21.5
04/15/20	0415	4	36	50	43	0	22
04/16/20	0416	4	34	58	46	0	19
04/17/20	0417	4	35	49	42	0.24	23

04/18/20	0418	4	31	63	47	0	18
04/19/20	0419	4	51	71	61	0	4
04/20/20	0420	4	45	71	58	0	7
04/21/20	0421	4	48	66	57	0	8
04/22/20	0422	4	46	75	60.5	0.02	4.5
04/23/20	0423	4	52	64	58	0.65	7
04/24/20	0424	4	47	75	61	0.59	4
04/25/20	0425	4	49	58	53.5	1.01	11.5
04/26/20	0426	4	42	67	54.5	0	10.5
04/27/20	0427	4	49	74	61.5	0	3.5
04/28/20	0428	4	58	83	70.5	1.52	0
04/29/20	0429	4	50	63	56.5	0.35	8.5
04/30/20	0430	4	48	69	58.5	0	6.5
05/01/20	0501	5	47	79	63	0	2
05/02/20	0502	5	68	88	78	0	0
05/03/20	0503	5	54	76	65	0	0
05/04/20	0504	5	50	71	60.5	0	4.5
05/05/20	0505	5	50	66	58	0	7
05/06/20	0506	5	44	64	54	0.02	11
05/07/20	0507	5	46	71	58.5	0.04	6.5
05/08/20	0508	5	43	60	51.5	0.38	13.5
05/09/20	0509	5	39	65	52	0	13
05/10/20	0510	5	45	61	53	0	12
05/11/20	0511	5	39	60	49.5	0	15.5
05/12/20	0512	5	48	57	52.5	0	12.5
05/13/20	0513	5	50	61	55.5	0.03	9.5
05/14/20	0514	5	59	83	71	0.21	0
05/15/20	0515	5	62	75	68.5	0.5	0
05/16/20	0516	5	60	80	70	0.44	0
05/17/20	0517	5	60	73	66.5	1.46	0
05/18/20	0518	5	57	65	61	0	4
05/19/20	0519	5	57	65	61	0.05	4
05/20/20	0520	5	58	70	64	0.04	1
05/21/20	0521	5	57	66	61.5	0	3.5
05/22/20	0522	5	62	80	71	0	0
05/23/20	0523	5	65	89	77	0	0
05/24/20	0524	5	67	88	77.5	0.18	0
05/25/20	0525	5	65	89	77	0.47	0
05/26/20	0526	5	70	86	78	0	0
05/27/20	0527	5	67	75	71	0.69	0
05/28/20	0528	5	67	84	75.5	0	0
05/29/20	0529	5	63	78	70.5	0.14	0
05/30/20	0530	5	56	77	66.5	0	0
05/31/20	0531	5	59	81	70	0	0
06/01/20	0601	6	63	84	73.5	0	0
06/02/20	0602	6	70	90	80	0	0
06/03/20	0603	6	71	93	82	0.05	0
06/04/20	0604	6	70	86	78	0.13	0
06/05/20	0605	6	69	89	79	0	0

06/06/20	0606	6	72	95	83.5	0	0
06/07/20	0607	6	72	93	82.5	0	0
06/08/20	0608	6	69	91	80	0	0
06/09/20	0609	6	75	92	83.5	0.15	0
06/10/20	0610	6	64	83	73.5	0	0
06/11/20	0611	6	59	86	72.5	0	0
06/12/20	0612	6	68	93	80.5	0	0
06/13/20	0613	6	67	89	78	0	0
06/14/20	0614	6	66	83	74.5	0	0
06/15/20	0615	6	63	84	73.5	0	0
06/16/20	0616	6	59	85	72	0	0
06/17/20	0617	6	66	87	76.5	0	0
06/18/20	0618	6	67	90	78.5	0	0
06/19/20	0619	6	71	93	82	0	0
06/20/20	0620	6	74	93	83.5	0.02	0
06/21/20	0621	6	69	90	79.5	0.78	0
06/22/20	0622	6	68	87	77.5	0.38	0
06/23/20	0623	6	66	84	75	0	0
06/24/20	0624	6	63	85	74	0	0
06/25/20	0625	6	66	91	78.5	0	0
06/26/20	0626	6	76	95	85.5	0	0
06/27/20	0627	6	75	85	80	0.02	0
06/28/20	0628	6	73	93	83	0.14	0
06/29/20	0629	6	79	90	84.5	0	0
06/30/20	0630	6	70	79	74.5	1.04	0
07/01/20	0701	7	70	82	76	0.1	0
07/02/20	0702	7	71	89	80	0	0
07/03/20	0703	7	75	92	83.5	0	0
07/04/20	0704	7	72	92	82	0	0
07/05/20	0705	7	73	93	83	0	0
07/06/20	0706	7	75	94	84.5	0	0
07/07/20	0707	7	76	94	85	0.07	0
07/08/20	0708	7	76	94	85	0	0
07/09/20	0709	7	76	96	86	0	0
07/10/20	0710	7	71	93	82	0	0
07/11/20	0711	7	75	97	86	0	0
07/12/20	0712	7	74	88	81	0	0
07/13/20	0713	7	70	89	79.5	0	0
07/14/20	0714	7	71	94	82.5	0	0
07/15/20	0715	7	72	93	82.5	1.34	0
07/16/20	0716	7	69	88	78.5	0	0
07/17/20	0717	7	75	93	84	0.6	0
07/18/20	0718	7	74	96	85	0	0
07/19/20	0719	7	73	94	83.5	0.93	0
07/20/20	0720	7	73	89	81	0.01	0
07/21/20	0721	7	73	93	83	0.44	0
07/22/20	0722	7	73	91	82	0	0
07/23/20	0723	7	76	91	83.5	0	0
07/24/20	0724	7	73	93	83	0	0

07/25/20	0725	7	76	94	85	0	0
07/26/20	0726	7	79	95	87	0	0
07/27/20	0727	7	74	84	79	0.29	0
07/28/20	0728	7	73	90	81.5	0	0
07/29/20	0729	7	74	95	84.5	1.73	0
07/30/20	0730	7	73	83	78	2.38	0
07/31/20	0731	7	69	73	71	1.18	0
08/01/20	0801	8	68	79	73.5	0.08	0
08/02/20	0802	8	68	87	77.5	0	0
08/03/20	0803	8	64	80	72	0.02	0
08/04/20	0804	8	59	76	67.5	0	0
08/05/20	0805	8	59	79	69	0	0
08/06/20	0806	8	60	81	70.5	0	0
08/07/20	0807	8	65	85	75	0	0
08/08/20	0808	8	71	89	80	1.09	0
08/09/20	0809	8	70	91	80.5	2.59	0
08/10/20	0810	8	70	97	83.5	0.75	0
08/11/20	0811	8	70	84	77	0	0
08/12/20	0812	8	74	85	79.5	0.03	0
08/13/20	0813	8	74	87	80.5	0	0
08/14/20	0814	8	74	90	82	0	0
08/15/20	0815	8	73	91	82	0.01	0
08/16/20	0816	8	65	86	75.5	0	0
08/17/20	0817	8	69	90	79.5	0	0
08/18/20	0818	8	68	84	76	0	0
08/19/20	0819	8	63	81	72	0	0
08/20/20	0820	8	62	83	72.5	0	0
08/21/20	0821	8	63	85	74	0	0
08/22/20	0822	8	66	90	78	0	0
08/23/20	0823	8	73	93	83	0	0
08/24/20	0824	8	73	97	85	0	0
08/25/20	0825	8	76	95	85.5	0	0
08/26/20	0826	8	74	92	83	0	0
08/27/20	0827	8	79	87	83	0	0
08/28/20	0828	8	77	89	83	0	0
08/29/20	0829	8	67	84	75.5	0	0
08/30/20	0830	8	59	85	72	0	0
08/31/20	0831	8	70	83	76.5	0	0
09/01/20	0901	9	70	76	73	0.44	0
09/02/20	0902	9	70	81	75.5	0	0
09/03/20	0903	9	68	90	79	0.02	0
09/04/20	0904	9	59	83	71	0	0
09/05/20	0905	9	62	88	75	0	0
09/06/20	0906	9	71	92	81.5	0	0
09/07/20	0907	9	75	92	83.5	0	0
09/08/20	0908	9	71	91	81	0.02	0
09/09/20	0909	9	67	85	76	0	0
09/10/20	0910	9	71	82	76.5	0	0
09/11/20	0911	9	70	87	78.5	0	0

09/12/20	0912	9	67	79	73	0.02	0
09/13/20	0913	9	62	78	70	0	0
09/14/20	0914	9	61	83	72	0	0
09/15/20	0915	9	59	80	69.5	0	0
09/16/20	0916	9	58	83	70.5	0	0
09/17/20	0917	9	63	80	71.5	0	0
09/18/20	0918	9	55	73	64	0	1
09/19/20	0919	9	47	72	59.5	0	5.5
09/20/20	0920	9	48	76	62	0	3
09/21/20	0921	9	50	79	64.5	0	0.5
09/22/20	0922	9	56	77	66.5	0	0
09/23/20	0923	9	62	74	68	0	0
09/24/20	0924	9	57	76	66.5	0	0
09/25/20	0925	9	56	82	69	0	0
09/26/20	0926	9	64	86	75	0	0
09/27/20	0927	9	57	81	69	0.09	0
09/28/20	0928	9	52	69	60.5	0.31	4.5
09/29/20	0929	9	49	66	57.5	0	7.5
09/30/20	0930	9	53	82	67.5	0	0
10/01/20	1001	10	47	68	57.5	0	7.5
10/02/20	1002	10	44	62	53	0	12
10/03/20	1003	10	44	58	51	0.06	14
10/04/20	1004	10	41	60	50.5	0	14.5
10/05/20	1005	10	38	67	52.5	0	12.5
10/06/20	1006	10	51	80	65.5	0	0
10/07/20	1007	10	61	89	75	0	0
10/08/20	1008	10	59	85	72	0	0
10/09/20	1009	10	60	86	73	0	0
10/10/20	1010	10	61	80	70.5	0	0
10/11/20	1011	10	61	85	73	0	0
10/12/20	1012	10	50	75	62.5	0	2.5
10/13/20	1013	10	46	81	63.5	0	1.5
10/14/20	1014	10	49	87	68	0	0
10/15/20	1015	10	40	71	55.5	0	9.5
10/16/20	1016	10	36	65	50.5	0	14.5
10/17/20	1017	10	47	71	59	0	6
10/18/20	1018	10	43	67	55	0.87	10
10/19/20	1019	10	42	51	46.5	0.52	18.5
10/20/20	1020	10	45	59	52	0.24	13
10/21/20	1021	10	50	60	55	0.33	10
10/22/20	1022	10	60	86	73	0	0
10/23/20	1023	10	44	70	57	0.18	8
10/24/20	1024	10	42	50	46	0	19
10/25/20	1025	10	46	51	48.5	0	16.5
10/26/20	1026	10	37	46	41.5	0.61	23.5
10/27/20	1027	10	36	42	39	0.08	26
10/28/20	1028	10	41	50	45.5	0.33	19.5
10/29/20	1029	10	37	49	43	0.45	22
10/30/20	1030	10	33	56	44.5	0	20.5

10/31/20	1031	10	39	65	52	0	13
11/01/20	1101	11	32	56	44	0	21
11/02/20	1102	11	27	60	43.5	0	21.5
11/03/20	1103	11	38	77	57.5	0	7.5
11/04/20	1104	11	55	80	67.5	0	0
11/05/20	1105	11	52	75	63.5	0	1.5
11/06/20	1106	11	49	76	62.5	0	2.5
11/07/20	1107	11	47	76	61.5	0	3.5
11/08/20	1108	11	57	76	66.5	0	0
11/09/20	1109	11	62	78	70	0	0
11/10/20	1110	11	44	76	60	0.23	5
11/11/20	1111	11	34	53	43.5	0	21.5
11/12/20	1112	11	34	59	46.5	0	18.5
11/13/20	1113	11	33	49	41	0	24
11/14/20	1114	11	38	59	48.5	1.43	16.5
11/15/20	1115	11	40	59	49.5	0	15.5
11/16/20	1116	11	37	66	51.5	0	13.5
11/17/20	1117	11	36	49	42.5	0	22.5
11/18/20	1118	11	36	58	47	0	18
11/19/20	1119	11	52	75	63.5	0	1.5
11/20/20	1120	11	50	71	60.5	0.1	4.5
11/21/20	1121	11	43	51	47	0.93	18
11/22/20	1122	11	42	50	46	0.17	19
11/23/20	1123	11	33	47	40	0.03	25
11/24/20	1124	11	43	57	50	0.5	15
11/25/20	1125	11	46	56	51	0.44	14
11/26/20	1126	11	39	53	46	0	19
11/27/20	1127	11	33	54	43.5	0	21.5
11/28/20	1128	11	31	56	43.5	0	21.5
11/29/20	1129	11	36	54	45	0.01	20
11/30/20	1130	11	27	37	32	0	33
12/01/20	1201	12	22	42	32	0	33
12/02/20	1202	12	22	49	35.5	0	29.5
12/03/20	1203	12	32	48	40	0	25
12/04/20	1204	12	36	52	44	0	21
12/05/20	1205	12	31	55	43	0	22
12/06/20	1206	12	29	45	37	0	28
12/07/20	1207	12	33	41	37	0	28
12/08/20	1208	12	37	49	43	0	22
12/09/20	1209	12	40	68	54	0	11
12/10/20	1210	12	36	66	51	0	14
12/11/20	1211	12	43	61	52	0.63	13
12/12/20	1212	12	37	57	47	0.33	18
12/13/20	1213	12	35	39	37	0	28
12/14/20	1214	12	26	38	32	0	33
12/15/20	1215	12	23	35	29	0	36
12/16/20	1216	12	24	36	30	0.01	35
12/17/20	1217	12	22	37	29.5	0	35.5
12/18/20	1218	12	25	44	34.5	0	30.5

12/19/20	1219	12	36	54	45	0	20
12/20/20	1220	12	27	51	39	0	26
12/21/20	1221	12	39	59	49	0	16
12/22/20	1222	12	28	54	41	0	24
12/23/20	1223	12	26	64	45	0.3	20
12/24/20	1224	12	16	27	21.5	0	43.5
12/25/20	1225	12	10	27	18.5	0	46.5
12/26/20	1226	12	20	47	33.5	0	31.5
12/27/20	1227	12	32	59	45.5	0	19.5
12/28/20	1228	12	26	40	33	0	32
12/29/20	1229	12	25	43	34	0	31
12/30/20	1230	12	30	47	38.5	0.32	26.5
12/31/20	1231	12	25	35	30	0.01	35
01/01/21	0101	1	30	36	33	0.78	32
01/02/21	0102	1	32	34	33	0	32
01/03/21	0103	1	29	39	34	0	31
01/04/21	0104	1	30	38	34	0	31
01/05/21	0105	1	29	51	40	0	25
01/06/21	0106	1	31	45	38	0	27
01/07/21	0107	1	33	39	36	0	29
01/08/21	0108	1	33	35	34	0	31
01/09/21	0109	1	29	33	31	0	34
01/10/21	0110	1	28	30	29	0	36
01/11/21	0111	1	26	38	32	0	33
01/12/21	0112	1	28	54	41	0	24
01/13/21	0113	1	36	55	45.5	0	19.5
01/14/21	0114	1	36	49	42.5	0.11	22.5
01/15/21	0115	1	33	36	34.5	0.11	30.5
01/16/21	0116	1	32	37	34.5	0	30.5
01/17/21	0117	1	31	40	35.5	0.04	29.5
01/18/21	0118	1	28	44	36	0.01	29
01/19/21	0119	1	27	42	34.5	0	30.5
01/20/21	0120	1	22	48	35	0	30
01/21/21	0121	1	34	54	44	0	21
01/22/21	0122	1	23	37	30	0	35
01/23/21	0123	1	18	40	29	0	36
01/24/21	0124	1	35	42	38.5	0	26.5
01/25/21	0125	1	34	38	36	1.21	29
01/26/21	0126	1	30	38	34	0	31
01/27/21	0127	1	21	31	26	0.26	39
01/28/21	0128	1	12	32	22	0	43
01/29/21	0129	1	20	40	30	0	35
01/30/21	0130	1	35	45	40	1.25	25
01/31/21	0131	1	33	47	40	0.05	25
02/01/21	0201	2	31	34	32.5	0	32.5
02/02/21	0202	2	26	40	33	0	32
02/03/21	0203	2	24	46	35	0	30
02/04/21	0204	2	26	44	35	0.22	30
02/05/21	0205	2	25	45	35	0	30

02/06/21	0206	2	14	30	22	0.04	43
02/07/21	0207	2	5	17	11	0	54
02/08/21	0208	2	16	23	19.5	0.1	45.5
02/09/21	0209	2	13	19	16	0	49
02/10/21	0210	2	15	19	17	0.04	48
02/11/21	0211	2	14	22	18	0.03	47
02/12/21	0212	2	8	19	13.5	0	51.5
02/13/21	0213	2	1	10	5.5	0.02	59.5
02/14/21	0214	2	-1	8	3.5	0.01	61.5
02/15/21	0215	2	0	4	2	0.52	63
02/16/21	0216	2	-4	16	6	0	59
02/17/21	0217	2	6	19	12.5	0.04	52.5
02/18/21	0218	2	12	25	18.5	0	46.5
02/19/21	0219	2	3	32	17.5	0	47.5
02/20/21	0220	2	15	39	27	0	38
02/21/21	0221	2	27	49	38	0.01	27
02/22/21	0222	2	36	56	46	0	19
02/23/21	0223	2	38	66	52	0	13
02/24/21	0224	2	36	58	47	0	18
02/25/21	0225	2	31	49	40	0	25
02/26/21	0226	2	30	51	40.5	0	24.5
02/27/21	0227	2	33	60	46.5	0.16	18.5
02/28/21	0228	2	38	61	49.5	0.44	15.5
03/01/21	0301	3	29	51	40	0	25
03/02/21	0302	3	27	59	43	0	22
03/03/21	0303	3	39	71	55	0	10
03/04/21	0304	3	37	62	49.5	0	15.5
03/05/21	0305	3	31	51	41	0	24
03/06/21	0306	3	37	59	48	0	17
03/07/21	0307	3	34	67	50.5	0	14.5
03/08/21	0308	3	48	71	59.5	0	5.5
03/09/21	0309	3	51	75	63	0	2
03/10/21	0310	3	60	72	66	0	0
03/11/21	0311	3	49	68	58.5	0.48	6.5
03/12/21	0312	3	45	59	52	0.05	13
03/13/21	0313	3	48	58	53	0	12
03/14/21	0314	3	47	54	50.5	0.01	14.5
03/15/21	0315	3	44	51	47.5	0.44	17.5
03/16/21	0316	3	43	50	46.5	0	18.5
03/17/21	0317	3	44	55	49.5	0.68	15.5
03/18/21	0318	3	40	45	42.5	2.23	22.5
03/19/21	0319	3	35	53	44	0	21
03/20/21	0320	3	32	61	46.5	0	18.5
03/21/21	0321	3	38	70	54	0	11
03/22/21	0322	3	43	70	56.5	0	8.5
03/23/21	0323	3	54	62	58	0.46	7
03/24/21	0324	3	49	66	57.5	0	7.5
03/25/21	0325	3	48	57	52.5	0.54	12.5
03/26/21	0326	3	46	64	55	0	10

03/27/21	0327	3	47	80	63.5	0.28	1.5
03/28/21	0328	3	41	57	49	0	16
03/29/21	0329	3	38	72	55	0	10
03/30/21	0330	3	50	74	62	0	3
03/31/21	0331	3	37	54	45.5	0	19.5
04/01/21	0401	4	30	48	39	0	26
04/02/21	0402	4	29	56	42.5	0	22.5
04/03/21	0403	4	41	76	58.5	0	6.5
04/04/21	0404	4	53	80	66.5	0	0
04/05/21	0405	4	58	82	70	0	0
04/06/21	0406	4	61	82	71.5	0	0
04/07/21	0407	4	57	77	67	1.01	0
04/08/21	0408	4	51	57	54	0.03	11
04/09/21	0409	4	46	80	63	0	2
04/10/21	0410	4	49	63	56	1.02	9
04/11/21	0411	4	50	69	59.5	0.09	5.5
04/12/21	0412	4	45	68	56.5	0	8.5
04/13/21	0413	4	49	65	57	0.07	8
04/14/21	0414	4	46	63	54.5	0	10.5
04/15/21	0415	4	42	61	51.5	0	13.5
04/16/21	0416	4	44	60	52	0.01	13
04/17/21	0417	4	48	62	55	0.07	10
04/18/21	0418	4	46	67	56.5	0	8.5
04/19/21	0419	4	42	72	57	0	8
04/20/21	0420	4	33	43	38	0.33	27
04/21/21	0421	4	30	53	41.5	0.01	23.5
04/22/21	0422	4	32	58	45	0	20
04/23/21	0423	4	46	62	54	0.02	11
04/24/21	0424	4	46	59	52.5	0.68	12.5
04/25/21	0425	4	41	67	54	0	11
04/26/21	0426	4	50	83	66.5	0	0
04/27/21	0427	4	64	85	74.5	0	0
04/28/21	0428	4	68	73	70.5	0.44	0
04/29/21	0429	4	57	73	65	0.33	0
04/30/21	0430	4	50	79	64.5	0	0.5
05/01/21	0501	5	56	86	71	0	0
05/02/21	0502	5	63	73	68	0.01	0
05/03/21	0503	5	63	86	74.5	0.12	0
05/04/21	0504	5	50	67	58.5	0.08	6.5
05/05/21	0505	5	45	69	57	0	8
05/06/21	0506	5	50	69	59.5	0.01	5.5
05/07/21	0507	5	45	75	60	0	5
05/08/21	0508	5	51	61	56	0	9
05/09/21	0509	5	42	59	50.5	0.17	14.5
05/10/21	0510	5	40	63	51.5	0	13.5
05/11/21	0511	5	43	61	52	0	13
05/12/21	0512	5	45	65	55	0	10
05/13/21	0513	5	45	68	56.5	0	8.5
05/14/21	0514	5	45	73	59	0	6

05/15/21	0515	5	57	66	61.5	0	3.5
05/16/21	0516	5	56	76	66	0.02	0
05/17/21	0517	5	62	75	68.5	0.5	0
05/18/21	0518	5	62	73	67.5	0.46	0
05/19/21	0519	5	67	80	73.5	0	0
05/20/21	0520	5	69	86	77.5	0	0
05/21/21	0521	5	70	87	78.5	0	0
05/22/21	0522	5	68	85	76.5	0	0
05/23/21	0523	5	65	89	77	0	0
05/24/21	0524	5	67	88	77.5	0	0
05/25/21	0525	5	68	88	78	0.08	0
05/26/21	0526	5	68	88	78	0.08	0
05/27/21	0527	5	68	84	76	0.97	0
05/28/21	0528	5	50	67	58.5	0.04	6.5
05/29/21	0529	5	49	64	56.5	0	8.5
05/30/21	0530	5	45	72	58.5	0	6.5
05/31/21	0531	5	57	77	67	0	0
06/01/21	0601	6	62	72	67	0	0
06/02/21	0602	6	63	73	68	0.03	0
06/03/21	0603	6	65	85	75	0	0
06/04/21	0604	6	62	88	75	0	0
06/05/21	0605	6	70	89	79.5	0	0
06/06/21	0606	6	74	86	80	0	0
06/07/21	0607	6	73	87	80	0	0
06/08/21	0608	6	70	80	75	0.1	0
06/09/21	0609	6	70	86	78	0	0
06/10/21	0610	6	73	92	82.5	0	0
06/11/21	0611	6	74	96	85	0	0
06/12/21	0612	6	77	96	86.5	0	0
06/13/21	0613	6	73	93	83	0	0
06/14/21	0614	6	67	96	81.5	0	0
06/15/21	0615	6	66	91	78.5	0	0
06/16/21	0616	6	67	90	78.5	0	0
06/17/21	0617	6	68	96	82	0	0
06/18/21	0618	6	81	101	91	0	0
06/19/21	0619	6	70	92	81	0.36	0
06/20/21	0620	6	73	93	83	0	0
06/21/21	0621	6	59	75	67	0.21	0
06/22/21	0622	6	55	82	68.5	0	0
06/23/21	0623	6	65	87	76	0	0
06/24/21	0624	6	71	82	76.5	0.01	0
06/25/21	0625	6	71	91	81	1.95	0
06/26/21	0626	6	74	92	83	0.73	0
06/27/21	0627	6	75	91	83	0.24	0
06/28/21	0628	6	74	88	81	1.59	0
06/29/21	0629	6	74	93	83.5	0	0
06/30/21	0630	6	73	83	78	0.11	0
07/01/21	0701	7	71	85	78	0.65	0
07/02/21	0702	7	63	83	73	0	0

07/03/21	0703	7	63	84	73.5	0	0
07/04/21	0704	7	68	90	79	0	0
07/05/21	0705	7	72	91	81.5	0	0
07/06/21	0706	7	73	92	82.5	0	0
07/07/21	0707	7	75	93	84	0.02	0
07/08/21	0708	7	73	87	80	0	0
07/09/21	0709	7	67	88	77.5	1.14	0
07/10/21	0710	7	68	82	75	1.94	0
07/11/21	0711	7	69	83	76	0.01	0
07/12/21	0712	7	70	86	78	0.11	0
07/13/21	0713	7	71	82	76.5	0	0
07/14/21	0714	7	71	92	81.5	0	0
07/15/21	0715	7	72	90	81	0.22	0
07/16/21	0716	7	71	82	76.5	0.76	0
07/17/21	0717	7	70	85	77.5	0	0
07/18/21	0718	7	69	85	77	0	0
07/19/21	0719	7	70	86	78	0	0
07/20/21	0720	7	69	86	77.5	0	0
07/21/21	0721	7	70	89	79.5	0	0
07/22/21	0722	7	74	90	82	0	0
07/23/21	0723	7	75	93	84	0	0
07/24/21	0724	7	77	96	86.5	0	0
07/25/21	0725	7	76	90	83	0.64	0
07/26/21	0726	7	73	91	82	0	0
07/27/21	0727	7	72	92	82	0	0
07/28/21	0728	7	73	95	84	0	0
07/29/21	0729	7	76	97	86.5	0.16	0
07/30/21	0730	7	74	87	80.5	0.02	0
07/31/21	0731	7	67	79	73	0.06	0
08/01/21	0801	8	64	86	75	0	0
08/02/21	0802	8	66	82	74	0	0
08/03/21	0803	8	64	82	73	0	0
08/04/21	0804	8	63	85	74	0	0
08/05/21	0805	8	65	87	76	0	0
08/06/21	0806	8	72	89	80.5	0	0
08/07/21	0807	8	74	93	83.5	0	0
08/08/21	0808	8	72	93	82.5	0.89	0
08/09/21	0809	8	72	95	83.5	0.72	0
08/10/21	0810	8	76	94	85	0.39	0
08/11/21	0811	8	80	97	88.5	0	0
08/12/21	0812	8	70	97	83.5	0.91	0
08/13/21	0813	8	70	90	80	0	0
08/14/21	0814	8	68	84	76	0	0
08/15/21	0815	8	67	83	75	0	0
08/16/21	0816	8	66	85	75.5	0	0
08/17/21	0817	8	71	88	79.5	0	0
08/18/21	0818	8	71	90	80.5	0	0
08/19/21	0819	8	71	89	80	0	0
08/20/21	0820	8	75	92	83.5	0	0

08/21/21	0821	8	76	90	83	0	0
08/22/21	0822	8	70	90	80	0	0
08/23/21	0823	8	74	98	86	0.52	0
08/24/21	0824	8	74	97	85.5	0	0
08/25/21	0825	8	81	100	90.5	0	0
08/26/21	0826	8	75	95	85	0.08	0
08/27/21	0827	8	73	95	84	0	0
08/28/21	0828	8	78	94	86	0	0
08/29/21	0829	8	78	95	86.5	0	0
08/30/21	0830	8	73	90	81.5	0.12	0
08/31/21	0831	8	70	86	78	1.22	0
09/01/21	0901	9	67	84	75.5	0	0
09/02/21	0902	9	62	81	71.5	0	0
09/03/21	0903	9	64	79	71.5	0.01	0
09/04/21	0904	9	72	79	75.5	0.88	0
09/05/21	0905	9	64	83	73.5	0	0
09/06/21	0906	9	65	88	76.5	0	0
09/07/21	0907	9	71	92	81.5	0	0
09/08/21	0908	9	63	85	74	0	0
09/09/21	0909	9	59	82	70.5	0	0
09/10/21	0910	9	60	86	73	0	0
09/11/21	0911	9	71	89	80	0	0
09/12/21	0912	9	73	91	82	0	0
09/13/21	0913	9	69	91	80	0	0
09/14/21	0914	9	73	93	83	0.24	0
09/15/21	0915	9	66	83	74.5	0.12	0
09/16/21	0916	9	61	85	73	0	0
09/17/21	0917	9	65	89	77	0	0
09/18/21	0918	9	70	91	80.5	0	0
09/19/21	0919	9	70	88	79	0.03	0
09/20/21	0920	9	74	88	81	0	0
09/21/21	0921	9	59	79	69	1.7	0
09/22/21	0922	9	55	73	64	0	1
09/23/21	0923	9	51	74	62.5	0	2.5
09/24/21	0924	9	54	82	68	0	0
09/25/21	0925	9	55	77	66	0.06	0
09/26/21	0926	9	55	86	70.5	0	0
09/27/21	0927	9	71	92	81.5	0	0
09/28/21	0928	9	68	91	79.5	0	0
09/29/21	0929	9	64	88	76	0	0
09/30/21	0930	9	67	87	77	0	0
10/01/21	1001	10	66	84	75	0	0
10/02/21	1002	10	71	80	75.5	0.14	0
10/03/21	1003	10	66	75	70.5	0.32	0
10/04/21	1004	10	59	79	69	0	0
10/05/21	1005	10	62	75	68.5	0	0
10/06/21	1006	10	65	79	72	0.02	0
10/07/21	1007	10	64	78	71	0	0
10/08/21	1008	10	61	83	72	0	0

10/09/21	1009	10	67	87	77	0	0
10/10/21	1010	10	70	88	79	0	0
10/11/21	1011	10	61	77	69	0.44	0
10/12/21	1012	10	55	79	67	0	0
10/13/21	1013	10	59	84	71.5	0.02	0
10/14/21	1014	10	64	77	70.5	0.79	0
10/15/21	1015	10	49	66	57.5	0.13	7.5
10/16/21	1016	10	46	66	56	0	9
10/17/21	1017	10	45	73	59	0	6
10/18/21	1018	10	48	77	62.5	0	2.5
10/19/21	1019	10	51	73	62	0	3
10/20/21	1020	10	56	81	68.5	0.05	0
10/21/21	1021	10	50	67	58.5	0	6.5
10/22/21	1022	10	49	61	55	0	10
10/23/21	1023	10	47	58	52.5	0.01	12.5
10/24/21	1024	10	56	81	68.5	0.01	0
10/25/21	1025	10	44	61	52.5	0	12.5
10/26/21	1026	10	40	62	51	0	14
10/27/21	1027	10	50	66	58	0	7
10/28/21	1028	10	49	56	52.5	0.59	12.5
10/29/21	1029	10	52	56	54	0.1	11
10/30/21	1030	10	46	61	53.5	0	11.5
10/31/21	1031	10	42	60	51	0	14
11/01/21	1101	11	38	49	43.5	0.01	21.5
11/02/21	1102	11	36	51	43.5	0	21.5
11/03/21	1103	11	33	53	43	0	22
11/04/21	1104	11	32	53	42.5	0	22.5
11/05/21	1105	11	31	55	43	0	22
11/06/21	1106	11	33	63	48	0	17
11/07/21	1107	11	39	69	54	0	11
11/08/21	1108	11	42	76	59	0	6
11/09/21	1109	11	54	67	60.5	0	4.5
11/10/21	1110	11	52	69	60.5	0	4.5
11/11/21	1111	11	46	60	53	0.07	12
11/12/21	1112	11	38	50	44	0	21
11/13/21	1113	11	36	42	39	0	26
11/14/21	1114	11	33	50	41.5	0.09	23.5
11/15/21	1115	11	31	64	47.5	0	17.5
11/16/21	1116	11	38	73	55.5	0	9.5
11/17/21	1117	11	47	72	59.5	0	5.5
11/18/21	1118	11	34	49	41.5	0	23.5
11/19/21	1119	11	25	47	36	0	29
11/20/21	1120	11	42	63	52.5	0	12.5
11/21/21	1121	11	38	62	50	0	15
11/22/21	1122	11	27	42	34.5	0	30.5
11/23/21	1123	11	27	54	40.5	0	24.5
11/24/21	1124	11	43	67	55	0.01	10
11/25/21	1125	11	24	57	40.5	0.17	24.5
11/26/21	1126	11	22	44	33	0	32

11/27/21	1127	11	31	60	45.5	0	19.5
11/28/21	1128	11	32	50	41	0	24
11/29/21	1129	11	31	59	45	0	20
11/30/21	1130	11	39	57	48	0	17
12/01/21	1201	12	46	67	56.5	0.01	8.5
12/02/21	1202	12	48	72	60	0	5
12/03/21	1203	12	43	76	59.5	0	5.5
12/04/21	1204	12	36	54	45	0	20
12/05/21	1205	12	36	62	49	0.01	16
12/06/21	1206	12	28	53	40.5	0	24.5
12/07/21	1207	12	24	32	28	0	37
12/08/21	1208	12	28	50	39	0	26
12/09/21	1209	12	38	68	53	0	12
12/10/21	1210	12	39	68	53.5	0.92	11.5
12/11/21	1211	12	37	65	51	0	14
12/12/21	1212	12	34	56	45	0	20
12/13/21	1213	12	31	60	45.5	0	19.5
12/14/21	1214	12	38	68	53	0.05	12
12/15/21	1215	12	60	71	65.5	0	0
12/16/21	1216	12	35	71	53	0.31	12
12/17/21	1217	12	30	40	35	0.18	30
12/18/21	1218	12	29	39	34	0.12	31
12/19/21	1219	12	23	40	31.5	0	33.5
12/20/21	1220	12	25	50	37.5	0	27.5
12/21/21	1221	12	27	52	39.5	0	25.5
12/22/21	1222	12	26	44	35	0	30
12/23/21	1223	12	31	65	48	0	17
12/24/21	1224	12	45	73	59	0	6
12/25/21	1225	12	43	67	55	0	10
12/26/21	1226	12	42	58	50	0.01	15
12/27/21	1227	12	44	64	54	0	11
12/28/21	1228	12	39	47	43	1.08	22
12/29/21	1229	12	35	44	39.5	0.05	25.5
12/30/21	1230	12	37	50	43.5	0.01	21.5
12/31/21	1231	12	41	68	54.5	0	10.5
01/01/22	0101	1	27	48	37.5	0.63	27.5
01/02/22	0102	1	16	27	21.5	0	43.5
01/03/22	0103	1	13	34	23.5	0	41.5
01/04/22	0104	1	26	43	34.5	0	30.5
01/05/22	0105	1	20	42	31	0	34
01/06/22	0106	1	9	20	14.5	0	50.5
01/07/22	0107	1	7	24	15.5	0	49.5
01/08/22	0108	1	19	44	31.5	0.13	33.5
01/09/22	0109	1	19	47	33	0.02	32
01/10/22	0110	1	17	39	28	0	37
01/11/22	0111	1	18	52	35	0	30
01/12/22	0112	1	37	59	48	0	17
01/13/22	0113	1	32	54	43	0.01	22
01/14/22	0114	1	30	45	37.5	0.28	27.5

01/15/22	0115	1	22	34	28	0.27	37
01/16/22	0116	1	17	32	24.5	0.01	40.5
01/17/22	0117	1	28	37	32.5	0	32.5
01/18/22	0118	1	28	57	42.5	0	22.5
01/19/22	0119	1	12	49	30.5	0	34.5
01/20/22	0120	1	7	20	13.5	0	51.5
01/21/22	0121	1	5	26	15.5	0	49.5
01/22/22	0122	1	17	45	31	0	34
01/23/22	0123	1	23	44	33.5	0	31.5
01/24/22	0124	1	22	51	36.5	0	28.5
01/25/22	0125	1	11	25	18	0	47
01/26/22	0126	1	5	27	16	0	49
01/27/22	0127	1	26	39	32.5	0	32.5
01/28/22	0128	1	14	31	22.5	0	42.5
01/29/22	0129	1	14	42	28	0	37
01/30/22	0130	1	25	40	32.5	0	32.5
01/31/22	0131	1	25	51	38	0	27
02/01/22	0201	2	34	63	48.5	0.59	16.5
02/02/22	0202	2	18	34	26	0.49	39
02/03/22	0203	2	14	20	17	0.47	48
02/04/22	0204	2	8	29	18.5	0	46.5
02/05/22	0205	2	5	29	17	0	48
02/06/22	0206	2	14	47	30.5	0	34.5
02/07/22	0207	2	19	37	28	0	37
02/08/22	0208	2	27	59	43	0	22
02/09/22	0209	2	34	55	44.5	0	20.5
02/10/22	0210	2	30	49	39.5	0	25.5
02/11/22	0211	2	30	50	40	0.1	25
02/12/22	0212	2	18	30	24	0	41
02/13/22	0213	2	18	36	27	0	38
02/14/22	0214	2	20	46	33	0	32
02/15/22	0215	2	25	64	44.5	0	20.5
02/16/22	0216	2	53	65	59	0.11	6
02/17/22	0217	2	16	58	37	1.44	28
02/18/22	0218	2	13	42	27.5	0	37.5
02/19/22	0219	2	24	38	31	0	34
02/20/22	0220	2	31	66	48.5	0	16.5
02/21/22	0221	2	40	67	53.5	0	11.5
02/22/22	0222	2	25	64	44.5	0.15	20.5
02/23/22	0223	2	18	25	21.5	0.03	43.5
02/24/22	0224	2	23	30	26.5	0.18	38.5
02/25/22	0225	2	22	28	25	0	40
02/26/22	0226	2	17	39	28	0	37
02/27/22	0227	2	22	53	37.5	0	27.5
02/28/22	0228	2	28	65	46.5	0	18.5
03/01/22	0301	3	42	76	59	0	6
03/02/22	0302	3	38	82	60	0	5
03/03/22	0303	3	35	60	47.5	0	17.5
03/04/22	0304	3	32	62	47	0	18

03/05/22	0305	3	49	78	63.5	0.04	1.5
03/06/22	0306	3	42	64	53	1.65	12
03/07/22	0307	3	32	42	37	0.01	28
03/08/22	0308	3	28	43	35.5	0	29.5
03/09/22	0309	3	31	53	42	0	23
03/10/22	0310	3	29	44	36.5	0	28.5
03/11/22	0311	3	22	34	28	0.08	37
03/12/22	0312	3	14	33	23.5	0	41.5
03/13/22	0313	3	33	70	51.5	0	13.5
03/14/22	0314	3	45	68	56.5	0	8.5
03/15/22	0315	3	43	70	56.5	0	8.5
03/16/22	0316	3	46	75	60.5	0	4.5
03/17/22	0317	3	55	78	66.5	0	0
03/18/22	0318	3	45	65	55	0.19	10
03/19/22	0319	3	39	58	48.5	0.06	16.5
03/20/22	0320	3	38	75	56.5	0	8.5
03/21/22	0321	3	53	77	65	0.18	0
03/22/22	0322	3	52	59	55.5	0.43	9.5
03/23/22	0323	3	41	55	48	0.06	17
03/24/22	0324	3	38	46	42	0.23	23
03/25/22	0325	3	40	59	49.5	0	15.5
03/26/22	0326	3	36	54	45	0	20
03/27/22	0327	3	31	49	40	0	25
03/28/22	0328	3	36	49	42.5	0	22.5
03/29/22	0329	3	42	71	56.5	0	8.5
03/30/22	0330	3	41	70	55.5	1.84	9.5
03/31/22	0331	3	38	43	40.5	0.02	24.5
04/01/22	0401	4	32	52	42	0	23
04/02/22	0402	4	39	67	53	0	12
04/03/22	0403	4	39	68	53.5	0	11.5
04/04/22	0404	4	51	67	59	0.03	6
04/05/22	0405	4	48	72	60	0.4	5
04/06/22	0406	4	46	65	55.5	0.25	9.5
04/07/22	0407	4	39	52	45.5	0	19.5
04/08/22	0408	4	35	42	38.5	0.08	26.5
04/09/22	0409	4	34	59	46.5	0	18.5
04/10/22	0410	4	41	78	59.5	0	5.5
04/11/22	0411	4	52	70	61	0.16	4
04/12/22	0412	4	48	78	63	0	2
04/13/22	0413	4	39	72	55.5	0.78	9.5
04/14/22	0414	4	37	64	50.5	0	14.5
04/15/22	0415	4	48	69	58.5	0	6.5
04/16/22	0416	4	41	59	50	0	15
04/17/22	0417	4	40	53	46.5	0.33	18.5
04/18/22	0418	4	38	55	46.5	0	18.5
04/19/22	0419	4	33	58	45.5	0	19.5
04/20/22	0420	4	47	66	56.5	0.24	8.5
04/21/22	0421	4	54	75	64.5	0.01	0.5
04/22/22	0422	4	64	86	75	0	0

04/23/22	0423	4	70	87	78.5	0	0
04/24/22	0424	4	58	79	68.5	0.7	0
04/25/22	0425	4	45	60	52.5	0.23	12.5
04/26/22	0426	4	39	62	50.5	0	14.5
04/27/22	0427	4	43	77	60	0	5
04/28/22	0428	4	56	72	64	0.04	1
04/29/22	0429	4	58	70	64	0.06	1
04/30/22	0430	4	60	81	70.5	0.09	0
05/01/22	0501	5	54	72	63	0	2
05/02/22	0502	5	49	65	57	0.09	8
05/03/22	0503	5	52	67	59.5	0.43	5.5
05/04/22	0504	5	51	62	56.5	0.11	8.5
05/05/22	0505	5	54	61	57.5	1.69	7.5
05/06/22	0506	5	53	57	55	0.26	10
05/07/22	0507	5	50	72	61	0	4
05/08/22	0508	5	53	75	64	0	1
05/09/22	0509	5	66	87	76.5	0	0
05/10/22	0510	5	71	90	80.5	0	0
05/11/22	0511	5	74	94	84	0	0
05/12/22	0512	5	73	93	83	0	0
05/13/22	0513	5	71	88	79.5	0	0
05/14/22	0514	5	67	90	78.5	0	0
05/15/22	0515	5	60	86	73	0	0
05/16/22	0516	5	56	84	70	0	0
05/17/22	0517	5	60	84	72	0.15	0
05/18/22	0518	5	64	83	73.5	0.55	0
05/19/22	0519	5	63	81	72	0.2	0
05/20/22	0520	5	69	89	79	0	0
05/21/22	0521	5	56	72	64	1.59	1
05/22/22	0522	5	53	63	58	0	7
05/23/22	0523	5	50	69	59.5	0	5.5
05/24/22	0524	5	55	74	64.5	0	0.5
05/25/22	0525	5	68	81	74.5	1.01	0
05/26/22	0526	5	58	73	65.5	0.14	0
05/27/22	0527	5	55	67	61	0.01	4
05/28/22	0528	5	52	81	66.5	0	0
05/29/22	0529	5	65	87	76	0	0
05/30/22	0530	5	69	89	79	0	0
05/31/22	0531	5	74	90	82	0	0
06/01/22	0601	6	68	81	74.5	0.45	0
06/02/22	0602	6	58	78	68	0	0
06/03/22	0603	6	55	85	70	0	0
06/04/22	0604	6	62	86	74	0	0
06/05/22	0605	6	69	87	78	0	0
06/06/22	0606	6	68	79	73.5	0	0
06/07/22	0607	6	66	86	76	0	0
06/08/22	0608	6	67	81	74	0.42	0
06/09/22	0609	6	61	84	72.5	0	0
06/10/22	0610	6	67	83	75	0.1	0

06/11/22	0611	6	66	90	78	0	0
06/12/22	0612	6	77	94	85.5	0	0
06/13/22	0613	6	83	100	91.5	0	0
06/14/22	0614	6	81	99	90	0	0
06/15/22	0615	6	80	98	89	0	0
06/16/22	0616	6	82	97	89.5	0	0
06/17/22	0617	6	73	92	82.5	0.34	0
06/18/22	0618	6	68	86	77	0	0
06/19/22	0619	6	63	89	76	0	0
06/20/22	0620	6	68	96	82	0	0
06/21/22	0621	6	75	98	86.5	0	0
06/22/22	0622	6	74	92	83	0	0
06/23/22	0623	6	69	93	81	0	0
06/24/22	0624	6	70	90	80	0	0
06/25/22	0625	6	76	99	87.5	0	0
06/26/22	0626	6	67	84	75.5	0.48	0
06/27/22	0627	6	61	83	72	0	0
06/28/22	0628	6	64	85	74.5	0	0
06/29/22	0629	6	67	91	79	0	0
06/30/22	0630	6	69	95	82	0	0
07/01/22	0701	7	77	98	87.5	0	0
07/02/22	0702	7	73	81	77	0.3	0
07/03/22	0703	7	73	89	81	0	0
07/04/22	0704	7	76	97	86.5	0	0
07/05/22	0705	7	83	101	92	0	0
07/06/22	0706	7	80	93	86.5	0.06	0
07/07/22	0707	7	76	91	83.5	0.04	0
07/08/22	0708	7	78	96	87	0.22	0
07/09/22	0709	7	72	84	78	0.56	0
07/10/22	0710	7	68	89	78.5	0	0
07/11/22	0711	7	73	99	86	0	0
07/12/22	0712	7	72	89	80.5	0.06	0
07/13/22	0713	7	69	92	80.5	0	0
07/14/22	0714	7	73	97	85	0	0
07/15/22	0715	7	77	94	85.5	0	0
07/16/22	0716	7	82	103	92.5	0	0
07/17/22	0717	7	73	82	77.5	0.74	0
07/18/22	0718	7	71	91	81	0	0
07/19/22	0719	7	74	94	84	0	0
07/20/22	0720	7	77	100	88.5	0	0
07/21/22	0721	7	72	98	85	0	0
07/22/22	0722	7	74	101	87.5	0	0
07/23/22	0723	7	84	105	94.5	0	0
07/24/22	0724	7	79	103	91	0	0
07/25/22	0725	7	63	81	72	0.02	0
07/26/22	0726	7	60	80	70	9.05	0
07/27/22	0727	7	72	84	78	0.9	0
07/28/22	0728	7	73	90	81.5	0.27	0
07/29/22	0729	7	67	84	75.5	0	0

07/30/22	0730	7	67	84	75.5	0	0
07/31/22	0731	7	71	87	79	0	0
08/01/22	0801	8	77	98	87.5	0	0
08/02/22	0802	8	81	89	85	0	0
08/03/22	0803	8	73	98	85.5	3.98	0
08/04/22	0804	8	74	89	81.5	0.78	0
08/05/22	0805	8	75	92	83.5	0	0
08/06/22	0806	8	78	96	87	0	0
08/07/22	0807	8	80	98	89	0	0
08/08/22	0808	8	79	97	88	0	0
08/09/22	0809	8	72	81	76.5	0.09	0
08/10/22	0810	8	68	85	76.5	0	0
08/11/22	0811	8	66	87	76.5	0	0
08/12/22	0812	8	66	84	75	0	0
08/13/22	0813	8	67	89	78	0	0
08/14/22	0814	8	71	85	78	0	0
08/15/22	0815	8	69	80	74.5	0	0
08/16/22	0816	8	68	81	74.5	0.41	0
08/17/22	0817	8	66	84	75	0	0
08/18/22	0818	8	65	86	75.5	0	0
08/19/22	0819	8	67	88	77.5	0	0
08/20/22	0820	8	75	90	82.5	0	0
08/21/22	0821	8	67	81	74	0	0
08/22/22	0822	8	66	87	76.5	0	0
08/23/22	0823	8	67	86	76.5	0	0
08/24/22	0824	8	66	87	76.5	0	0
08/25/22	0825	8	68	91	79.5	0.2	0
08/26/22	0826	8	71	89	80	0	0
08/27/22	0827	8	70	91	80.5	0	0
08/28/22	0828	8	75	93	84	0.32	0
08/29/22	0829	8	73	94	83.5	0	0
08/30/22	0830	8	69	88	78.5	0	0
08/31/22	0831	8	63	85	74	0	0
09/01/22	0901	9	66	86	76	0	0
09/02/22	0902	9	71	83	77	0.03	0
09/03/22	0903	9	66	79	72.5	0.19	0
09/04/22	0904	9	69	79	74	0.51	0
09/05/22	0905	9	71	79	75	0.14	0
09/06/22	0906	9	70	81	75.5	0	0
09/07/22	0907	9	65	84	74.5	0	0
09/08/22	0908	9	63	83	73	0	0
09/09/22	0909	9	63	85	74	0	0
09/10/22	0910	9	65	87	76	0.33	0
09/11/22	0911	9	57	75	66	0.33	0
09/12/22	0912	9	56	79	67.5	0	0
09/13/22	0913	9	55	82	68.5	0	0
09/14/22	0914	9	56	85	70.5	0	0
09/15/22	0915	9	63	84	73.5	0	0
09/16/22	0916	9	64	87	75.5	0	0

09/17/22	0917	9	71	89	80	0	0
09/18/22	0918	9	69	88	78.5	0.08	0
09/19/22	0919	9	74	95	84.5	0	0
09/20/22	0920	9	74	97	85.5	0	0
09/21/22	0921	9	69	96	82.5	0.06	0
09/22/22	0922	9	56	73	64.5	0	0.5
09/23/22	0923	9	56	61	58.5	0.06	6.5
09/24/22	0924	9	54	87	70.5	0	0
09/25/22	0925	9	60	81	70.5	0	0
09/26/22	0926	9	53	74	63.5	0	1.5
09/27/22	0927	9	49	75	62	0	3
09/28/22	0928	9	45	70	57.5	0	7.5
09/29/22	0929	9	47	74	60.5	0	4.5
09/30/22	0930	9	47	76	61.5	0	3.5
10/01/22	1001	10	47	79	63	0	2
10/02/22	1002	10	49	79	64	0	1
10/03/22	1003	10	53	74	63.5	0	1.5
10/04/22	1004	10	45	75	60	0	5
10/05/22	1005	10	49	80	64.5	0	0.5
10/06/22	1006	10	55	81	68	0	0
10/07/22	1007	10	47	65	56	0	9
10/08/22	1008	10	40	63	51.5	0	13.5
10/09/22	1009	10	44	74	59	0	6
10/10/22	1010	10	55	83	69	0	0
10/11/22	1011	10	62	76	69	0.19	0
10/12/22	1012	10	51	76	63.5	0.11	1.5
10/13/22	1013	10	46	68	57	0	8
10/14/22	1014	10	43	73	58	0	7
10/15/22	1015	10	41	68	54.5	0	10.5
10/16/22	1016	10	47	70	58.5	0	6.5
10/17/22	1017	10	37	50	43.5	0	21.5
10/18/22	1018	10	32	53	42.5	0	22.5
10/19/22	1019	10	31	54	42.5	0	22.5
10/20/22	1020	10	38	74	56	0	9
10/21/22	1021	10	53	84	68.5	0	0
10/22/22	1022	10	55	84	69.5	0	0
10/23/22	1023	10	64	79	71.5	0	0
10/24/22	1024	10	64	78	71	0.07	0
10/25/22	1025	10	44	64	54	2.36	11
10/26/22	1026	10	41	62	51.5	0	13.5
10/27/22	1027	10	40	62	51	0	14
10/28/22	1028	10	42	65	53.5	0	11.5
10/29/22	1029	10	42	70	56	0	9
10/30/22	1030	10	54	59	56.5	0.94	8.5
10/31/22	1031	10	48	60	54	0.01	11
11/01/22	1101	11	44	76	60	0	5
11/02/22	1102	11	49	77	63	0	2
11/03/22	1103	11	57	80	68.5	0	0
11/04/22	1104	11	64	83	73.5	0.06	0

11/05/22	1105	11	50	67	58.5	1.02	6.5
11/06/22	1106	11	45	72	58.5	0	6.5
11/07/22	1107	11	49	61	55	0	10
11/08/22	1108	11	47	64	55.5	0	9.5
11/09/22	1109	11	54	82	68	0	0
11/10/22	1110	11	59	77	68	0	0
11/11/22	1111	11	31	60	45.5	0	19.5
11/12/22	1112	11	31	32	31.5	0	33.5
11/13/22	1113	11	27	41	34	0	31
11/14/22	1114	11	24	44	34	0.01	31
11/15/22	1115	11	34	40	37	0.19	28
11/16/22	1116	11	30	36	33	0	32
11/17/22	1117	11	25	44	34.5	0	30.5
11/18/22	1118	11	23	34	28.5	0	36.5
11/19/22	1119	11	21	39	30	0	35
11/20/22	1120	11	20	43	31.5	0	33.5
11/21/22	1121	11	28	59	43.5	0	21.5
11/22/22	1122	11	35	62	48.5	0	16.5
11/23/22	1123	11	34	64	49	0	16
11/24/22	1124	11	44	53	48.5	0.36	16.5
11/25/22	1125	11	34	53	43.5	0	21.5
11/26/22	1126	11	29	51	40	0.39	25
11/27/22	1127	11	45	51	48	0.42	17
11/28/22	1128	11	43	52	47.5	0	17.5
11/29/22	1129	11	35	63	49	0	16
11/30/22	1130	11	25	40	32.5	0	32.5
12/01/22	1201	12	23	44	33.5	0	31.5
12/02/22	1202	12	42	58	50	0	15
12/03/22	1203	12	29	59	44	0	21
12/04/22	1204	12	28	43	35.5	0	29.5
12/05/22	1205	12	35	50	42.5	0	22.5
12/06/22	1206	12	37	47	42	0.03	23
12/07/22	1207	12	45	53	49	0	16
12/08/22	1208	12	43	47	45	0.16	20
12/09/22	1209	12	37	55	46	0.06	19
12/10/22	1210	12	34	45	39.5	0	25.5
12/11/22	1211	12	37	41	39	0	26
12/12/22	1212	12	35	43	39	0	26
12/13/22	1213	12	36	54	45	0.76	20
12/14/22	1214	12	37	58	47.5	0.45	17.5
12/15/22	1215	12	35	39	37	0	28
12/16/22	1216	12	30	37	33.5	0	31.5
12/17/22	1217	12	24	34	29	0	36
12/18/22	1218	12	19	34	26.5	0	38.5
12/19/22	1219	12	23	41	32	0	33
12/20/22	1220	12	25	45	35	0	30
12/21/22	1221	12	24	38	31	0	34
12/22/22	1222	12	-6	38	16	0.14	49
12/23/22	1223	12	-6	8	1	0	64

12/24/22	1224	12	8	22	15	0	50
12/25/22	1225	12	8	26	17	0.04	48
12/26/22	1226	12	19	34	26.5	0.01	38.5
12/27/22	1227	12	12	34	23	0	42
12/28/22	1228	12	30	56	43	0	22
12/29/22	1229	12	49	66	57.5	0	7.5
12/30/22	1230	12	36	62	49	0.31	16
12/31/22	1231	12	34	50	42	0	23
01/01/23	0101	1	43	65	54	0	11
01/02/23	0102	1	52	62	57	0.13	8
01/03/23	0103	1	45	72	58.5	0.84	6.5
01/04/23	0104	1	37	46	41.5	0	23.5
01/05/23	0105	1	33	42	37.5	0	27.5
01/06/23	0106	1	27	48	37.5	0	27.5
01/07/23	0107	1	31	43	37	0	28
01/08/23	0108	1	26	40	33	0	32
01/09/23	0109	1	23	56	39.5	0	25.5
01/10/23	0110	1	38	59	48.5	0	16.5
01/11/23	0111	1	42	66	54	0	11
01/12/23	0112	1	31	52	41.5	0.05	23.5
01/13/23	0113	1	22	31	26.5	0	38.5
01/14/23	0114	1	19	39	29	0	36
01/15/23	0115	1	32	54	43	0	22
01/16/23	0116	1	46	62	54	0.05	11
01/17/23	0117	1	39	50	44.5	0	20.5
01/18/23	0118	1	38	43	40.5	0.61	24.5
01/19/23	0119	1	37	44	40.5	0	24.5
01/20/23	0120	1	29	37	33	0	32
01/21/23	0121	1	22	44	33	0	32
01/22/23	0122	1	32	42	37	0	28
01/23/23	0123	1	34	48	41	0	24
01/24/23	0124	1	30	45	37.5	0.01	27.5
01/25/23	0125	1	33	38	35.5	0.44	29.5
01/26/23	0126	1	25	35	30	0	35
01/27/23	0127	1	25	55	40	0	25
01/28/23	0128	1	32	59	45.5	0	19.5
01/29/23	0129	1	23	49	36	0.01	29
01/30/23	0130	1	17	23	20	0.07	45
01/31/23	0131	1	11	22	16.5	0	48.5
02/01/23	0201	2	15	34	24.5	0	40.5
02/02/23	0202	2	22	51	36.5	0	28.5
02/03/23	0203	2	13	26	19.5	0	45.5
02/04/23	0204	2	23	55	39	0	26
02/05/23	0205	2	37	62	49.5	0	15.5
02/06/23	0206	2	31	63	47	0	18
02/07/23	0207	2	37	59	48	0.01	17
02/08/23	0208	2	35	45	40	0.3	25
02/09/23	0209	2	41	53	47	0.51	18
02/10/23	0210	2	30	45	37.5	0	27.5

02/11/23	0211	2	22	49	35.5	0	29.5
02/12/23	0212	2	25	60	42.5	0	22.5
02/13/23	0213	2	39	62	50.5	0	14.5
02/14/23	0214	2	42	59	50.5	0.21	14.5
02/15/23	0215	2	41	59	50	0	15
02/16/23	0216	2	31	41	36	0.3	29
02/17/23	0217	2	22	37	29.5	0	35.5
02/18/23	0218	2	29	57	43	0	22
02/19/23	0219	2	40	63	51.5	0	13.5
02/20/23	0220	2	38	65	51.5	0.02	13.5
02/21/23	0221	2	37	57	47	0	18
02/22/23	0222	2	52	73	62.5	0.37	2.5
02/23/23	0223	2	29	58	43.5	0	21.5
02/24/23	0224	2	23	40	31.5	0.05	33.5
02/25/23	0225	2	33	52	42.5	0.03	22.5
02/26/23	0226	2	38	57	47.5	0	17.5
02/27/23	0227	2	47	65	56	0.21	9
02/28/23	0228	2	36	59	47.5	0	17.5
03/01/23	0301	3	38	68	53	0	12
03/02/23	0302	3	34	52	43	0.06	22
03/03/23	0303	3	38	46	42	1.66	23
03/04/23	0304	3	32	61	46.5	0	18.5
03/05/23	0305	3	36	66	51	0	14
03/06/23	0306	3	45	75	60	0	5
03/07/23	0307	3	40	52	46	0	19
03/08/23	0308	3	39	48	43.5	0.15	21.5
03/09/23	0309	3	42	48	45	0.09	20
03/10/23	0310	3	33	47	40	0	25
03/11/23	0311	3	32	44	38	0.18	27
03/12/23	0312	3	32	46	39	0.01	26
03/13/23	0313	3	30	36	33	0	32
03/14/23	0314	3	30	43	36.5	0	28.5
03/15/23	0315	3	28	58	43	0	22
03/16/23	0316	3	38	64	51	0.21	14
03/17/23	0317	3	29	45	37	0.01	28
03/18/23	0318	3	22	36	29	0	36
03/19/23	0319	3	20	43	31.5	0	33.5
03/20/23	0320	3	28	61	44.5	0	20.5
03/21/23	0321	3	43	51	47	0.04	18
03/22/23	0322	3	44	69	56.5	0	8.5
03/23/23	0323	3	45	68	56.5	0.89	8.5
03/24/23	0324	3	40	47	43.5	1.21	21.5
03/25/23	0325	3	42	60	51	0.01	14
03/26/23	0326	3	41	71	56	0.06	9
03/27/23	0327	3	39	56	47.5	0.16	17.5
03/28/23	0328	3	37	49	43	0.05	22
03/29/23	0329	3	33	60	46.5	0	18.5
03/30/23	0330	3	39	71	55	0.04	10
03/31/23	0331	3	56	79	67.5	0.11	0

04/01/23	0401	4	40	62	51	0	14
04/02/23	0402	4	37	73	55	0	10
04/03/23	0403	4	54	79	66.5	0	0
04/04/23	0404	4	65	85	75	0	0
04/05/23	0405	4	44	79	61.5	0.7	3.5
04/06/23	0406	4	39	54	46.5	0	18.5
04/07/23	0407	4	36	61	48.5	0	16.5
04/08/23	0408	4	39	67	53	0	12
04/09/23	0409	4	42	71	56.5	0	8.5
04/10/23	0410	4	45	75	60	0	5
04/11/23	0411	4	54	81	67.5	0	0
04/12/23	0412	4	59	82	70.5	0	0
04/13/23	0413	4	51	81	66	0	0
04/14/23	0414	4	56	82	69	0	0
04/15/23	0415	4	52	78	65	1.61	0
04/16/23	0416	4	42	52	47	0.14	18
04/17/23	0417	4	43	68	55.5	0	9.5
04/18/23	0418	4	44	73	58.5	0	6.5
04/19/23	0419	4	55	85	70	0	0
04/20/23	0420	4	53	81	67	0.06	0
04/21/23	0421	4	48	68	58	0	7
04/22/23	0422	4	41	49	45	0	20
04/23/23	0423	4	37	58	47.5	0	17.5
04/24/23	0424	4	36	64	50	0	15
04/25/23	0425	4	50	72	61	0	4
04/26/23	0426	4	44	65	54.5	0	10.5
04/27/23	0427	4	49	67	58	0.04	7
04/28/23	0428	4	55	73	64	0	1
04/29/23	0429	4	46	70	58	0.02	7
04/30/23	0430	4	43	58	50.5	0	14.5
05/01/23	0501	5	48	66	57	0	8
05/02/23	0502	5	46	68	57	0	8
05/03/23	0503	5	43	70	56.5	0	8.5
05/04/23	0504	5	45	77	61	0	4
05/05/23	0505	5	56	76	66	0	0
05/06/23	0506	5	63	81	72	0	0
05/07/23	0507	5	65	93	79	0	0
05/08/23	0508	5	63	87	75	0.53	0
05/09/23	0509	5	60	76	68	0	0
05/10/23	0510	5	63	82	72.5	0.01	0
05/11/23	0511	5	64	80	72	0.13	0
05/12/23	0512	5	69	82	75.5	0	0
05/13/23	0513	5	68	85	76.5	0.62	0
05/14/23	0514	5	68	90	79	0.11	0
05/15/23	0515	5	63	75	69	0.01	0
05/16/23	0516	5	60	69	64.5	0.2	0.5
05/17/23	0517	5	57	83	70	0	0
05/18/23	0518	5	62	83	72.5	0	0
05/19/23	0519	5	58	83	70.5	0	0

05/20/23	0520	5	53	73	63	0	2
05/21/23	0521	5	52	78	65	0	0
05/22/23	0522	5	55	81	68	0	0
05/23/23	0523	5	56	85	70.5	0	0
05/24/23	0524	5	67	88	77.5	0	0
05/25/23	0525	5	62	81	71.5	0	0
05/26/23	0526	5	55	77	66	0	0
05/27/23	0527	5	57	81	69	0	0
05/28/23	0528	5	60	82	71	0	0
05/29/23	0529	5	60	87	73.5	0	0
05/30/23	0530	5	62	90	76	0	0
05/31/23	0531	5	69	91	80	0	0
06/01/23	0601	6	71	92	81.5	0.08	0
06/02/23	0602	6	71	93	82	0	0
06/03/23	0603	6	65	94	79.5	0	0
06/04/23	0604	6	69	93	81	0.1	0
06/05/23	0605	6	62	87	74.5	0	0
06/06/23	0606	6	59	90	74.5	0	0
06/07/23	0607	6	65	79	72	0.2	0
06/08/23	0608	6	59	81	70	0	0
06/09/23	0609	6	58	84	71	0	0
06/10/23	0610	6	62	88	75	0	0
06/11/23	0611	6	62	71	66.5	1.11	0
06/12/23	0612	6	58	74	66	0	0
06/13/23	0613	6	60	84	72	0	0
06/14/23	0614	6	64	90	77	0	0
06/15/23	0615	6	66	92	79	0	0
06/16/23	0616	6	63	83	73	0	0
06/17/23	0617	6	63	85	74	0	0
06/18/23	0618	6	67	81	74	1.53	0
06/19/23	0619	6	67	87	77	0	0
06/20/23	0620	6	67	90	78.5	0	0
06/21/23	0621	6	70	88	79	0	0
06/22/23	0622	6	67	89	78	0	0
06/23/23	0623	6	68	91	79.5	0	0
06/24/23	0624	6	74	97	85.5	0	0
06/25/23	0625	6	76	96	86	0	0
06/26/23	0626	6	72	88	80	0	0
06/27/23	0627	6	67	89	78	0	0
06/28/23	0628	6	70	93	81.5	0	0
06/29/23	0629	6	77	95	86	0	0
06/30/23	0630	6	73	96	84.5	0.07	0
07/01/23	0701	7	70	95	82.5	1.48	0
07/02/23	0702	7	67	87	77	0.37	0
07/03/23	0703	7	69	91	80	0	0
07/04/23	0704	7	73	96	84.5	0	0
07/05/23	0705	7	76	94	85	0	0
07/06/23	0706	7	70	86	78	0	0
07/07/23	0707	7	66	86	76	0.02	0

07/08/23	0708	7	65	80	72.5	0.04	0
07/09/23	0709	7	63	86	74.5	0	0
07/10/23	0710	7	68	91	79.5	0	0
07/11/23	0711	7	73	96	84.5	0	0
07/12/23	0712	7	73	95	84	0.11	0
07/13/23	0713	7	72	91	81.5	0.87	0
07/14/23	0714	7	73	97	85	1.03	0
07/15/23	0715	7	71	89	80	0.1	0
07/16/23	0716	7	70	92	81	0.03	0
07/17/23	0717	7	70	90	80	0	0
07/18/23	0718	7	71	84	77.5	0	0
07/19/23	0719	7	74	87	80.5	0	0
07/20/23	0720	7	73	93	83	0.54	0
07/21/23	0721	7	68	81	74.5	0	0
07/22/23	0722	7	65	86	75.5	0	0
07/23/23	0723	7	71	93	82	0.02	0
07/24/23	0724	7	75	93	84	0	0
07/25/23	0725	7	75	98	86.5	0	0
07/26/23	0726	7	84	95	89.5	0.01	0
07/27/23	0727	7	82	100	91	0	0
07/28/23	0728	7	85	101	93	0	0
07/29/23	0729	7	73	98	85.5	0.29	0
07/30/23	0730	7	73	90	81.5	0	0
07/31/23	0731	7	71	84	77.5	0	0
08/01/23	0801	8	72	86	79	0.01	0
08/02/23	0802	8	71	83	77	0.77	0
08/03/23	0803	8	73	84	78.5	0.06	0
08/04/23	0804	8	77	89	83	0.15	0
08/05/23	0805	8	72	88	80	0.99	0
08/06/23	0806	8	70	92	81	0.09	0
08/07/23	0807	8	71	83	77	0.02	0
08/08/23	0808	8	69	88	78.5	0	0
08/09/23	0809	8	70	80	75	0.02	0
08/10/23	0810	8	69	88	78.5	0	0
08/11/23	0811	8	73	95	84	0	0
08/12/23	0812	8	71	91	81	0.34	0
08/13/23	0813	8	71	84	77.5	0.25	0
08/14/23	0814	8	69	84	76.5	0.35	0
08/15/23	0815	8	65	78	71.5	0	0
08/16/23	0816	8	62	84	73	0	0
08/17/23	0817	8	66	87	76.5	0.03	0
08/18/23	0818	8	61	84	72.5	0	0
08/19/23	0819	8	68	90	79	0	0
08/20/23	0820	8	75	100	87.5	0	0
08/21/23	0821	8	81	95	88	0	0
08/22/23	0822	8	81	100	90.5	0	0
08/23/23	0823	8	82	99	90.5	0	0
08/24/23	0824	8	82	101	91.5	0	0
08/25/23	0825	8	83	104	93.5	0	0

08/26/23	0826	8	73	86	79.5	0.52	0
08/27/23	0827	8	68	76	72	0	0
08/28/23	0828	8	67	83	75	0	0
08/29/23	0829	8	64	87	75.5	0	0
08/30/23	0830	8	65	82	73.5	0	0
08/31/23	0831	8	58	80	69	0	0
09/01/23	0901	9	59	84	71.5	0	0
09/02/23	0902	9	60	92	76	0	0
09/03/23	0903	9	74	93	83.5	0	0
09/04/23	0904	9	74	95	84.5	0.25	0
09/05/23	0905	9	73	87	80	0	0
09/06/23	0906	9	72	82	77	0	0
09/07/23	0907	9	62	82	72	0	0
09/08/23	0908	9	62	81	71.5	0	0
09/09/23	0909	9	59	81	70	0	0
09/10/23	0910	9	60	85	72.5	0	0
09/11/23	0911	9	67	80	73.5	0.02	0
09/12/23	0912	9	60	80	70	0.05	0
09/13/23	0913	9	56	84	70	0	0
09/14/23	0914	9	57	82	69.5	0	0
09/15/23	0915	9	53	83	68	0	0
09/16/23	0916	9	59	78	68.5	0	0
09/17/23	0917	9	57	80	68.5	0	0
09/18/23	0918	9	56	81	68.5	0	0
09/19/23	0919	9	63	88	75.5	0	0
09/20/23	0920	9	64	76	70	0.03	0
09/21/23	0921	9	62	85	73.5	0.33	0
09/22/23	0922	9	69	87	78	0	0
09/23/23	0923	9	66	88	77	0	0
09/24/23	0924	9	68	87	77.5	0	0
09/25/23	0925	9	67	89	78	0	0
09/26/23	0926	9	66	90	78	0.37	0
09/27/23	0927	9	66	84	75	1.62	0
09/28/23	0928	9	64	83	73.5	0	0
09/29/23	0929	9	66	88	77	0	0
09/30/23	0930	9	68	90	79	0	0
10/01/23	1001	10	63	86	74.5	0	0
10/02/23	1002	10	63	87	75	0	0
10/03/23	1003	10	67	90	78.5	0	0
10/04/23	1004	10	68	77	72.5	0.02	0
10/05/23	1005	10	64	78	71	0.59	0
10/06/23	1006	10	48	71	59.5	0	5.5
10/07/23	1007	10	43	65	54	0	11
10/08/23	1008	10	45	73	59	0	6
10/09/23	1009	10	48	68	58	0	7
10/10/23	1010	10	45	71	58	0	7
10/11/23	1011	10	51	80	65.5	0.06	0
10/12/23	1012	10	58	80	69	0	0
10/13/23	1013	10	58	71	64.5	0.14	0.5

10/14/23	1014	10	54	58	56	0.01	9
10/15/23	1015	10	46	60	53	0	12
10/16/23	1016	10	42	65	53.5	0	11.5
10/17/23	1017	10	43	70	56.5	0	8.5
10/18/23	1018	10	48	76	62	0	3
10/19/23	1019	10	59	67	63	0	2
10/20/23	1020	10	50	73	61.5	0	3.5
10/21/23	1021	10	51	80	65.5	0	0
10/22/23	1022	10	44	66	55	0	10
10/23/23	1023	10	50	82	66	0	0
10/24/23	1024	10	65	77	71	0	0
10/25/23	1025	10	65	79	72	0.28	0
10/26/23	1026	10	67	79	73	0	0
10/27/23	1027	10	49	85	67	0.03	0
10/28/23	1028	10	42	49	45.5	0.44	19.5
10/29/23	1029	10	38	47	42.5	0.64	22.5
10/30/23	1030	10	31	45	38	0	27
10/31/23	1031	10	30	45	37.5	0	27.5
11/01/23	1101	11	27	49	38	0	27
11/02/23	1102	11	36	65	50.5	0	14.5
11/03/23	1103	11	44	71	57.5	0	7.5
11/04/23	1104	11	51	65	58	0	7
11/05/23	1105	11	41	68	54.5	0	10.5
11/06/23	1106	11	58	77	67.5	0	0
11/07/23	1107	11	54	77	65.5	0	0
11/08/23	1108	11	58	84	71	0	0
11/09/23	1109	11	48	58	53	0	12
11/10/23	1110	11	40	59	49.5	0	15.5
11/11/23	1111	11	35	56	45.5	0	19.5
11/12/23	1112	11	39	64	51.5	0	13.5
11/13/23	1113	11	42	69	55.5	0	9.5
11/14/23	1114	11	35	67	51	0	14
11/15/23	1115	11	38	75	56.5	0	8.5
11/16/23	1116	11	45	74	59.5	0	5.5
11/17/23	1117	11	38	65	51.5	0.01	13.5
11/18/23	1118	11	33	61	47	0	18
11/19/23	1119	11	36	61	48.5	0	16.5
11/20/23	1120	11	47	52	49.5	0.5	15.5
11/21/23	1121	11	41	47	44	0	21
11/22/23	1122	11	36	49	42.5	0	22.5
11/23/23	1123	11	36	57	46.5	0	18.5
11/24/23	1124	11	34	44	39	0	26
11/25/23	1125	11	30	47	38.5	0	26.5
11/26/23	1126	11	34	42	38	0.18	27
11/27/23	1127	11	27	47	37	0	28
11/28/23	1128	11	23	37	30	0	35
11/29/23	1129	11	29	61	45	0	20
11/30/23	1130	11	39	55	47	0.28	18
12/01/23	1201	12	44	58	51	0.31	14

12/02/23	1202	12	41	44	42.5	0.08	22.5
12/03/23	1203	12	39	54	46.5	0.05	18.5
12/04/23	1204	12	39	49	44	0.36	21
12/05/23	1205	12	40	48	44	0.01	21
12/06/23	1206	12	35	50	42.5	0	22.5
12/07/23	1207	12	39	68	53.5	0	11.5
12/08/23	1208	12	49	62	55.5	0	9.5
12/09/23	1209	12	40	63	51.5	0.01	13.5
12/10/23	1210	12	30	45	37.5	0	27.5
12/11/23	1211	12	28	52	40	0	25
12/12/23	1212	12	31	51	41	0	24
12/13/23	1213	12	34	52	43	0	22
12/14/23	1214	12	32	59	45.5	0	19.5
12/15/23	1215	12	39	63	51	0	14
12/16/23	1216	12	42	54	48	0.32	17
12/17/23	1217	12	34	46	40	0	25
12/18/23	1218	12	26	40	33	0	32
12/19/23	1219	12	21	43	32	0	33
12/20/23	1220	12	35	55	45	0	20
12/21/23	1221	12	40	62	51	0	14
12/22/23	1222	12	50	54	52	0.19	13
12/23/23	1223	12	53	64	58.5	0	6.5
12/24/23	1224	12	51	68	59.5	0	5.5
12/25/23	1225	12	39	60	49.5	0.46	15.5
12/26/23	1226	12	37	50	43.5	0	21.5
12/27/23	1227	12	35	44	39.5	0.33	25.5
12/28/23	1228	12	34	45	39.5	0.12	25.5
12/29/23	1229	12	35	39	37	0.05	28
12/30/23	1230	12	31	51	41	0	24
12/31/23	1231	12	35	42	38.5	0	26.5

Daily Observed Min/Max Temperature & Precipitation

Date	Month	Month/Day	KanCty Inl MO - KMCI				
			Min (F)	Max (F)	Avg (F)	Precip (in)	Unrounded DD
01/01/14		1 0101	7	36	21.5	0.16	43.5
01/02/14		1 0102	-1	15	7	0	58.0
01/03/14		1 0103	2	37	19.5	0	45.5
01/04/14		1 0104	15	40	27.5	0.13	37.5
01/05/14		1 0105	-3	15	6	0.05	59.0
01/06/14		1 0106	-11	4	-3.5	0	68.5
01/07/14		1 0107	-5	34	14.5	0	50.5
01/08/14		1 0108	17	25	21	0	44.0
01/09/14		1 0109	16	30	23	0.01	42.0
01/10/14		1 0110	30	42	36	0.01	29.0
01/11/14		1 0111	29	46	37.5	0	27.5
01/12/14		1 0112	30	61	45.5	0	19.5
01/13/14		1 0113	29	47	38	0	27.0
01/14/14		1 0114	23	44	33.5	0	31.5
01/15/14		1 0115	14	37	25.5	0	39.5
01/16/14		1 0116	18	47	32.5	0	32.5
01/17/14		1 0117	16	31	23.5	0	41.5
01/18/14		1 0118	20	49	34.5	0	30.5
01/19/14		1 0119	18	62	40	0	25.0
01/20/14		1 0120	19	50	34.5	0	30.5
01/21/14		1 0121	2	21	11.5	0	53.5
01/22/14		1 0122	5	37	21	0	44.0
01/23/14		1 0123	0	16	8	0	57.0
01/24/14		1 0124	3	45	24	0	41.0
01/25/14		1 0125	24	48	36	0	29.0
01/26/14		1 0126	18	57	37.5	0	27.5
01/27/14		1 0127	4	17	10.5	0	54.5
01/28/14		1 0128	0	24	12	0	53.0
01/29/14		1 0129	6	43	24.5	0	40.5
01/30/14		1 0130	28	46	37	0	28.0
01/31/14		1 0131	18	27	22.5	0.02	42.5
02/01/14		2 0201	18	27	22.5	0.32	42.5
02/02/14		2 0202	5	20	12.5	0	52.5
02/03/14		2 0203	2	31	16.5	0	48.5
02/04/14		2 0204	15	25	20	1.03	45.0
02/05/14		2 0205	-1	15	7	0	58.0
02/06/14		2 0206	-6	10	2	0	63.0
02/07/14		2 0207	1	15	8	0	57.0
02/08/14		2 0208	15	28	21.5	0	43.5
02/09/14		2 0209	11	26	18.5	0	46.5
02/10/14		2 0210	1	13	7	0	58.0
02/11/14		2 0211	-5	21	8	0	57.0
02/12/14		2 0212	5	30	17.5	0	47.5
02/13/14		2 0213	23	44	33.5	0	31.5
02/14/14		2 0214	16	38	27	0	38.0
02/15/14		2 0215	12	40	26	0	39.0
02/16/14		2 0216	25	37	31	0	34.0
02/17/14		2 0217	33	52	42.5	0	22.5
02/18/14		2 0218	40	65	52.5	0	12.5
02/19/14		2 0219	28	54	41	0.21	24.0
02/20/14		2 0220	33	45	39	0.37	26.0
02/21/14		2 0221	26	57	41.5	0	23.5
02/22/14		2 0222	29	54	41.5	0	23.5
02/23/14		2 0223	25	33	29	0	36.0
02/24/14		2 0224	23	36	29.5	0	35.5
02/25/14		2 0225	15	27	21	0	44.0
02/26/14		2 0226	5	30	17.5	0	47.5
02/27/14		2 0227	15	30	22.5	0	42.5
02/28/14		2 0228	19	53	36	0	29.0
03/01/14		3 0301	5	32	18.5	0.17	46.5
03/02/14		3 0302	0	5	2.5	0.11	62.5
03/03/14		3 0303	-7	19	6	0	59.0
03/04/14		3 0304	9	40	24.5	0	40.5
03/05/14		3 0305	27	40	33.5	0.01	31.5
03/06/14		3 0306	24	48	36	0	29.0

Monthly Average Calendar Degree Days

	Total DD	Avg DD
January	10,656.5	1,065.7
February	9,275.0	927.5
March	6,080.5	608.1
April	3,268.0	326.8
May	1,034.0	103.4
June	14.0	1.4
July	4.5	0.5
August	6.5	0.7
September	283.0	28.3
October	2,775.0	277.5
November	6,230.0	623.0
December	8,935.5	893.6
		4,856.3

Daily Average Calendar Degree Days

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	38.7	33.0	26.2	20.2	7.1	0.7	-	-	-	2.5	17.3	28.1
2	37.5	35.3	28.2	14.8	6.7	0.1	0.2	-	-	3.4	13.3	26.0
3	35.6	33.0	27.0	13.2	6.4	-	-	-	-	4.5	10.4	26.6
4	37.0	35.6	22.9	16.0	6.2	0.1	-	0.1	-	6.8	13.4	25.7
5	38.9	39.6	22.0	13.1	4.1	-	-	0.4	0.3	2.2	13.8	23.3
6	40.2	35.8	21.8	12.0	2.9	-	-	-	0.6	3.8	14.5	29.1
7	37.1	35.7	19.6	12.1	3.0	-	-	-	0.4	5.5	15.4	28.8
8	33.8	36.2	19.3	11.3	2.0	-	0.2	-	1.0	4.2	16.4	27.2
9	33.7	36.5	18.7	12.0	5.7	-	-	-	1.5	4.5	16.1	27.8
10	32.8	36.0	20.5	9.8	4.4	0.1	-	-	1.2	7.0	18.7	27.2
11	30.2	35.6	21.7	7.9	5.9	-	-	-	1.8	7.7	25.0	26.6
12	35.5	39.4	22.0	7.9	5.7	0.3	-	-	2.2	7.9	29.0	26.4
13	34.5	36.9	19.2	11.4	4.4	0.2	-	-	1.6	8.7	28.5	23.3
14	29.8	34.1	21.5	14.5	2.8	-	-	-	0.3	7.4	21.4	28.0
15	33.6	35.0	17.8	14.9	3.0	-	0.1	-	0.6	11.7	20.9	27.6
16	35.4	34.9	17.8	12.5	3.8	-	-	-	0.7	12.3	20.0	31.1
17	36.0	31.0	19.8	12.1	2.8	-	-	-	0.2	9.9	20.1	33.0
18	31.8	29.1	21.8	10.6	3.0	-	-	-	0.6	9.8	25.1	35.2
19	33.0	28.5	19.4	9.8	4.0	-	-	0.1	0.8	8.2	24.0	31.0
20	35.0	26.6	16.2	10.5	4.7	-	-	-	0.3	7.8	22.7	27.4
21	34.6	26.3	16.5	9.9	4.1	-	-	-	0.4	9.6	23.8	25.1
22	33.3	27.4	14.7	10.5	2.7	-	-	-	2.0	6.4	22.9	28.0
23	36.3	31.2	15.8	7.4	2.0	-	-	0.1	1.2	7.4	20.3	28.1
24	31.3	34.2	19.9	6.8	1.5	-	-	-	0.1	10.8	19.3	29.5
25	33.6	34.3	20.4	7.8	0.6	-	-	-	0.8	12.1	24.6	28.5
26	33.6	32.5	19.0	8.4	0.7	0.2	-	-	1.8	11.9	26.1	28.6
27	32.2	27.6	18.1	5.4	0.2	-	-	-	1.6	13.9	26.1	32.3
28	32.5	23.5	17.0	8.2	1.0	-	-	-	3.0	16.9	25.7	30.9
29	33.9	3.3	14.1	8.4	1.0	-	-	-	2.5	18.1	23.1	32.6
30	33.5	-	13.8	8.3	1.3	-	-	-	1.5	17.0	25.9	35.5
31	31.5	-	16.0	-	0.6	-	-	-	-	18.5	-	36.1
	1,065.7	927.5	608.1	326.8	103.4	1.4	0.5	0.7	28.3	277.5	623.0	893.6

03/07/14	3 0307	32	62	47	0	18.0
03/08/14	3 0308	28	40	34	0	31.0
03/09/14	3 0309	22	61	41.5	0	23.5
03/10/14	3 0310	42	74	58	0	7.0
03/11/14	3 0311	34	75	54.5	0.35	10.5
03/12/14	3 0312	30	52	41	0	24.0
03/13/14	3 0313	31	68	49.5	0	15.5
03/14/14	3 0314	-2	64	31	0	34.0
03/15/14	3 0315	35	73	54	0.56	11.0
03/16/14	3 0316	26	39	32.5	0.04	32.5
03/17/14	3 0317	18	52	35	0	30.0
03/18/14	3 0318	42	63	52.5	0	12.5
03/19/14	3 0319	34	54	44	0.01	21.0
03/20/14	3 0320	33	71	52	0	13.0
03/21/14	3 0321	38	64	51	0	14.0
03/22/14	3 0322	26	45	35.5	0	29.5
03/23/14	3 0323	20	41	30.5	0.01	34.5
03/24/14	3 0324	27	35	31	0.05	34.0
03/25/14	3 0325	23	41	32	0	33.0
03/26/14	3 0326	26	59	42.5	0.1	22.5
03/27/14	3 0327	37	68	52.5	0.08	12.5
03/28/14	3 0328	35	51	43	0	22.0
03/29/14	3 0329	30	56	43	0	22.0
03/30/14	3 0330	40	75	57.5	0	7.5
03/31/14	3 0331	34	80	57	0	8.0
04/01/14	4 0401	27	52	39.5	0	25.5
04/02/14	4 0402	43	50	46.5	0.32	18.5
04/03/14	4 0403	38	71	54.5	0.25	10.5
04/04/14	4 0404	33	45	39	0	26.0
04/05/14	4 0405	29	58	43.5	0	21.5
04/06/14	4 0406	46	64	55	0	10.0
04/07/14	4 0407	43	65	54	0	11.0
04/08/14	4 0408	43	59	51	0	14.0
04/09/14	4 0409	33	75	54	0	11.0
04/10/14	4 0410	49	66	57.5	0	7.5
04/11/14	4 0411	40	75	57.5	0	7.5
04/12/14	4 0412	58	83	70.5	0	-
04/13/14	4 0413	36	69	52.5	0.65	12.5
04/14/14	4 0414	30	44	37	0.02	28.0
04/15/14	4 0415	29	54	41.5	0	23.5
04/16/14	4 0416	41	65	53	0	12.0
04/17/14	4 0417	37	51	44	0	21.0
04/18/14	4 0418	33	68	50.5	0	14.5
04/19/14	4 0419	50	77	63.5	0	1.5
04/20/14	4 0420	53	77	65	0	-
04/21/14	4 0421	56	75	65.5	0.01	-
04/22/14	4 0422	42	69	55.5	0	9.5
04/23/14	4 0423	53	73	63	0	2.0
04/24/14	4 0424	48	68	58	0.73	7.0
04/25/14	4 0425	42	76	59	0	6.0
04/26/14	4 0426	54	79	66.5	0.01	-
04/27/14	4 0427	50	74	62	1.72	3.0
04/28/14	4 0428	48	63	55.5	0	9.5
04/29/14	4 0429	42	53	47.5	0.19	17.5
04/30/14	4 0430	40	54	47	0.03	18.0
05/01/14	5 0501	42	64	53	0	12.0
05/02/14	5 0502	41	68	54.5	0	10.5
05/03/14	5 0503	50	77	63.5	0	1.5
05/04/14	5 0504	52	83	67.5	0	-
05/05/14	5 0505	56	83	69.5	0	-
05/06/14	5 0506	59	85	72	0	-
05/07/14	5 0507	70	87	78.5	0	-
05/08/14	5 0508	60	81	70.5	0.03	-
05/09/14	5 0509	48	70	59	0	6.0
05/10/14	5 0510	51	84	67.5	0	-
05/11/14	5 0511	62	86	74	0	-
05/12/14	5 0512	49	77	63	0.74	2.0
05/13/14	5 0513	46	63	54.5	0	10.5

05/14/14	5 0514	45	60	52.5	0	12.5
05/15/14	5 0515	41	59	50	0	15.0
05/16/14	5 0516	35	57	46	0.01	19.0
05/17/14	5 0517	37	64	50.5	0	14.5
05/18/14	5 0518	43	72	57.5	0	7.5
05/19/14	5 0519	59	83	71	0	-
05/20/14	5 0520	64	86	75	0	-
05/21/14	5 0521	63	85	74	0	-
05/22/14	5 0522	57	77	67	0.01	-
05/23/14	5 0523	58	81	69.5	0	-
05/24/14	5 0524	60	72	66	0.25	-
05/25/14	5 0525	64	85	74.5	0.02	-
05/26/14	5 0526	65	81	73	0.22	-
05/27/14	5 0527	63	84	73.5	0	-
05/28/14	5 0528	63	89	76	0	-
05/29/14	5 0529	64	88	76	0	-
05/30/14	5 0530	68	86	77	0	-
05/31/14	5 0531	66	85	75.5	0.05	-
06/01/14	6 0601	63	86	74.5	1.03	-
06/02/14	6 0602	62	84	73	0.2	-
06/03/14	6 0603	68	89	78.5	0	-
06/04/14	6 0604	64	81	72.5	0.53	-
06/05/14	6 0605	66	81	73.5	0.28	-
06/06/14	6 0606	62	79	70.5	0	-
06/07/14	6 0607	63	77	70	0.59	-
06/08/14	6 0608	60	75	67.5	0	-
06/09/14	6 0609	63	73	68	0.73	-
06/10/14	6 0610	59	70	64.5	0.4	0.5
06/11/14	6 0611	55	79	67	0	-
06/12/14	6 0612	60	76	68	1.06	-
06/13/14	6 0613	52	76	64	0	1.0
06/14/14	6 0614	61	81	71	0	-
06/15/14	6 0615	64	80	72	0.47	-
06/16/14	6 0616	68	88	78	0	-
06/17/14	6 0617	76	88	82	0	-
06/18/14	6 0618	76	89	82.5	0	-
06/19/14	6 0619	71	82	76.5	0.36	-
06/20/14	6 0620	69	90	79.5	0	-
06/21/14	6 0621	68	89	78.5	0	-
06/22/14	6 0622	67	89	78	0.73	-
06/23/14	6 0623	66	81	73.5	0	-
06/24/14	6 0624	63	85	74	0	-
06/25/14	6 0625	64	86	75	0	-
06/26/14	6 0626	68	86	77	0	-
06/27/14	6 0627	73	84	78.5	0.01	-
06/28/14	6 0628	67	85	76	0.18	-
06/29/14	6 0629	64	88	76	0.04	-
06/30/14	6 0630	69	91	80	0.27	-
07/01/14	7 0701	64	84	74	0	-
07/02/14	7 0702	56	71	63.5	0	1.5
07/03/14	7 0703	53	80	66.5	0	-
07/04/14	7 0704	59	82	70.5	0	-
07/05/14	7 0705	69	84	76.5	0.07	-
07/06/14	7 0706	72	88	80	0	-
07/07/14	7 0707	67	91	79	1.93	-
07/08/14	7 0708	66	82	74	0.15	-
07/09/14	7 0709	63	84	73.5	0	-
07/10/14	7 0710	67	84	75.5	0	-
07/11/14	7 0711	68	88	78	0	-
07/12/14	7 0712	75	92	83.5	0	-
07/13/14	7 0713	70	86	78	0.62	-
07/14/14	7 0714	59	78	68.5	0.27	-
07/15/14	7 0715	54	74	64	0	1.0
07/16/14	7 0716	55	76	65.5	0	-
07/17/14	7 0717	59	77	68	0	-
07/18/14	7 0718	61	77	69	0	-
07/19/14	7 0719	59	80	69.5	0	-
07/20/14	7 0720	60	84	72	0	-

07/21/14	7 0721	72	92	82	0	-
07/22/14	7 0722	76	96	86	0	-
07/23/14	7 0723	70	86	78	0	-
07/24/14	7 0724	66	82	74	0	-
07/25/14	7 0725	70	96	83	0	-
07/26/14	7 0726	74	89	81.5	0	-
07/27/14	7 0727	65	87	76	0	-
07/28/14	7 0728	59	80	69.5	0	-
07/29/14	7 0729	58	83	70.5	0	-
07/30/14	7 0730	62	81	71.5	0	-
07/31/14	7 0731	59	83	71	0	-
08/01/14	8 0801	65	85	75	0	-
08/02/14	8 0802	63	88	75.5	0	-
08/03/14	8 0803	65	86	75.5	0.75	-
08/04/14	8 0804	68	92	80	0	-
08/05/14	8 0805	70	92	81	0	-
08/06/14	8 0806	68	91	79.5	2.55	-
08/07/14	8 0807	69	84	76.5	0.21	-
08/08/14	8 0808	66	80	73	0	-
08/09/14	8 0809	66	84	75	0	-
08/10/14	8 0810	67	78	72.5	0.3	-
08/11/14	8 0811	62	81	71.5	0	-
08/12/14	8 0812	57	79	68	0	-
08/13/14	8 0813	58	82	70	0	-
08/14/14	8 0814	61	84	72.5	0	-
08/15/14	8 0815	68	81	74.5	0.01	-
08/16/14	8 0816	67	79	73	0.05	-
08/17/14	8 0817	65	81	73	0	-
08/18/14	8 0818	66	88	77	0	-
08/19/14	8 0819	71	91	81	0.15	-
08/20/14	8 0820	72	92	82	0	-
08/21/14	8 0821	77	94	85.5	0	-
08/22/14	8 0822	76	94	85	0	-
08/23/14	8 0823	77	97	87	0	-
08/24/14	8 0824	72	96	84	0	-
08/25/14	8 0825	76	95	85.5	0.01	-
08/26/14	8 0826	71	89	80	0	-
08/27/14	8 0827	70	86	78	0.02	-
08/28/14	8 0828	70	93	81.5	0	-
08/29/14	8 0829	68	83	75.5	1.52	-
08/30/14	8 0830	66	87	76.5	0	-
08/31/14	8 0831	65	93	79	0.99	-
09/01/14	9 0901	65	81	73	0.56	-
09/02/14	9 0902	63	82	72.5	0	-
09/03/14	9 0903	65	86	75.5	0.56	-
09/04/14	9 0904	76	91	83.5	0	-
09/05/14	9 0905	61	80	70.5	0.15	-
09/06/14	9 0906	55	74	64.5	0	0.5
09/07/14	9 0907	55	76	65.5	0	-
09/08/14	9 0908	57	84	70.5	0	-
09/09/14	9 0909	73	90	81.5	0.1	-
09/10/14	9 0910	58	75	66.5	0.62	-
09/11/14	9 0911	52	65	58.5	0.01	6.5
09/12/14	9 0912	42	54	48	0	17.0
09/13/14	9 0913	37	63	50	0	15.0
09/14/14	9 0914	52	72	62	0	3.0
09/15/14	9 0915	50	69	59.5	0.02	5.5
09/16/14	9 0916	46	70	58	0	7.0
09/17/14	9 0917	62	74	68	0.05	-
09/18/14	9 0918	59	66	62.5	0	2.5
09/19/14	9 0919	59	78	68.5	0	-
09/20/14	9 0920	67	82	74.5	0	-
09/21/14	9 0921	53	76	64.5	0	0.5
09/22/14	9 0922	48	73	60.5	0	4.5
09/23/14	9 0923	52	74	63	0	2.0
09/24/14	9 0924	58	70	64	0.04	1.0
09/25/14	9 0925	59	81	70	0	-
09/26/14	9 0926	60	82	71	0	-

09/27/14	9 0927	59	81	70	0	-
09/28/14	9 0928	57	83	70	0	-
09/29/14	9 0929	58	83	70.5	0	-
09/30/14	9 0930	61	84	72.5	0	-
10/01/14	10 1001	63	80	71.5	2.71	-
10/02/14	10 1002	55	68	61.5	1.45	3.5
10/03/14	10 1003	40	66	53	0.06	12.0
10/04/14	10 1004	37	58	47.5	0	17.5
10/05/14	10 1005	42	74	58	0.03	7.0
10/06/14	10 1006	48	71	59.5	0.02	5.5
10/07/14	10 1007	53	77	65	0	-
10/08/14	10 1008	50	72	61	0	4.0
10/09/14	10 1009	54	63	58.5	3.12	6.5
10/10/14	10 1010	48	55	51.5	0.1	13.5
10/11/14	10 1011	38	63	50.5	0	14.5
10/12/14	10 1012	51	59	55	0	10.0
10/13/14	10 1013	52	58	55	1.49	10.0
10/14/14	10 1014	50	66	58	0	7.0
10/15/14	10 1015	42	69	55.5	0	9.5
10/16/14	10 1016	43	78	60.5	0	4.5
10/17/14	10 1017	48	67	57.5	0	7.5
10/18/14	10 1018	40	63	51.5	0	13.5
10/19/14	10 1019	40	68	54	0	11.0
10/20/14	10 1020	49	74	61.5	0	3.5
10/21/14	10 1021	42	72	57	0	8.0
10/22/14	10 1022	53	72	62.5	0	2.5
10/23/14	10 1023	54	65	59.5	0.32	5.5
10/24/14	10 1024	54	76	65	0	-
10/25/14	10 1025	51	80	65.5	0	-
10/26/14	10 1026	57	85	71	0	-
10/27/14	10 1027	55	74	64.5	0	0.5
10/28/14	10 1028	45	64	54.5	0	10.5
10/29/14	10 1029	35	61	48	0	17.0
10/30/14	10 1030	45	67	56	0	9.0
10/31/14	10 1031	31	50	40.5	0	24.5
11/01/14	11 1101	27	50	38.5	0	26.5
11/02/14	11 1102	47	64	55.5	0	9.5
11/03/14	11 1103	51	68	59.5	0.05	5.5
11/04/14	11 1104	40	52	46	0	19.0
11/05/14	11 1105	35	67	51	0	14.0
11/06/14	11 1106	32	53	42.5	0	22.5
11/07/14	11 1107	30	63	46.5	0	18.5
11/08/14	11 1108	31	56	43.5	0	21.5
11/09/14	11 1109	31	64	47.5	0	17.5
11/10/14	11 1110	32	69	50.5	0	14.5
11/11/14	11 1111	24	34	29	0.01	36.0
11/12/14	11 1112	18	28	23	0	42.0
11/13/14	11 1113	14	32	23	0	42.0
11/14/14	11 1114	11	31	21	0	44.0
11/15/14	11 1115	20	31	25.5	0.01	39.5
11/16/14	11 1116	15	29	22	0.03	43.0
11/17/14	11 1117	10	23	16.5	0	48.5
11/18/14	11 1118	6	36	21	0	44.0
11/19/14	11 1119	18	39	28.5	0	36.5
11/20/14	11 1120	17	39	28	0	37.0
11/21/14	11 1121	24	50	37	0.05	28.0
11/22/14	11 1122	50	58	54	0.1	11.0
11/23/14	11 1123	40	58	49	0.38	16.0
11/24/14	11 1124	29	40	34.5	0	30.5
11/25/14	11 1125	20	42	31	0	34.0
11/26/14	11 1126	27	41	34	0.05	31.0
11/27/14	11 1127	24	36	30	0	35.0
11/28/14	11 1128	30	58	44	0	21.0
11/29/14	11 1129	46	65	55.5	0	9.5
11/30/14	11 1130	20	56	38	0	27.0
12/01/14	12 1201	16	27	21.5	0	43.5
12/02/14	12 1202	15	38	26.5	0	38.5
12/03/14	12 1203	24	44	34	0	31.0

12/04/14	12 1204	31	37	34	0	31.0
12/05/14	12 1205	37	44	40.5	0.64	24.5
12/06/14	12 1206	33	40	36.5	0	28.5
12/07/14	12 1207	33	42	37.5	0.03	27.5
12/08/14	12 1208	34	51	42.5	0	22.5
12/09/14	12 1209	23	35	29	0	36.0
12/10/14	12 1210	25	33	29	0	36.0
12/11/14	12 1211	33	37	35	0	30.0
12/12/14	12 1212	37	55	46	0	19.0
12/13/14	12 1213	44	56	50	0	15.0
12/14/14	12 1214	32	62	47	0.61	18.0
12/15/14	12 1215	32	52	42	0.06	23.0
12/16/14	12 1216	26	32	29	0	36.0
12/17/14	12 1217	22	30	26	0	39.0
12/18/14	12 1218	28	32	30	0.25	35.0
12/19/14	12 1219	30	32	31	0	34.0
12/20/14	12 1220	32	45	38.5	0	26.5
12/21/14	12 1221	34	45	39.5	0	25.5
12/22/14	12 1222	38	51	44.5	0.14	20.5
12/23/14	12 1223	32	40	36	0	29.0
12/24/14	12 1224	28	37	32.5	0.09	32.5
12/25/14	12 1225	30	53	41.5	0	23.5
12/26/14	12 1226	36	49	42.5	0	22.5
12/27/14	12 1227	21	36	28.5	0.01	36.5
12/28/14	12 1228	14	40	27	0	38.0
12/29/14	12 1229	22	41	31.5	0	33.5
12/30/14	12 1230	7	24	15.5	0	49.5
12/31/14	12 1231	2	22	12	0	53.0
01/01/15	1 0101	15	36	25.5	0	39.5
01/02/15	1 0102	28	38	33	0	32.0
01/03/15	1 0103	20	42	31	0.05	34.0
01/04/15	1 0104	5	19	12	0.03	53.0
01/05/15	1 0105	5	24	14.5	0	50.5
01/06/15	1 0106	14	29	21.5	0.02	43.5
01/07/15	1 0107	-3	18	7.5	0	57.5
01/08/15	1 0108	-3	32	14.5	0	50.5
01/09/15	1 0109	8	21	14.5	0	50.5
01/10/15	1 0110	6	38	22	0	43.0
01/11/15	1 0111	26	39	32.5	0.02	32.5
01/12/15	1 0112	9	32	20.5	0	44.5
01/13/15	1 0113	1	26	13.5	0	51.5
01/14/15	1 0114	19	39	29	0	36.0
01/15/15	1 0115	15	57	36	0	29.0
01/16/15	1 0116	24	61	42.5	0	22.5
01/17/15	1 0117	36	54	45	0	20.0
01/18/15	1 0118	30	59	44.5	0	20.5
01/19/15	1 0119	26	64	45	0	20.0
01/20/15	1 0120	33	52	42.5	0	22.5
01/21/15	1 0121	28	51	39.5	0	25.5
01/22/15	1 0122	27	36	31.5	0	33.5
01/23/15	1 0123	18	47	32.5	0	32.5
01/24/15	1 0124	27	59	43	0.06	22.0
01/25/15	1 0125	26	45	35.5	0.03	29.5
01/26/15	1 0126	23	61	42	0	23.0
01/27/15	1 0127	30	55	42.5	0	22.5
01/28/15	1 0128	39	73	56	0	9.0
01/29/15	1 0129	25	51	38	0	27.0
01/30/15	1 0130	19	39	29	0	36.0
01/31/15	1 0131	32	39	35.5	0.99	29.5
02/01/15	2 0201	13	34	23.5	0.34	41.5
02/02/15	2 0202	1	23	12	0	53.0
02/03/15	2 0203	16	46	31	0	34.0
02/04/15	2 0204	7	36	21.5	0.05	43.5
02/05/15	2 0205	2	28	15	0	50.0
02/06/15	2 0206	26	54	40	0	25.0
02/07/15	2 0207	38	62	50	0	15.0
02/08/15	2 0208	39	62	50.5	0	14.5
02/09/15	2 0209	32	40	36	0	29.0

02/10/15	2 0210	28	50	39	0	26.0
02/11/15	2 0211	25	39	32	0	33.0
02/12/15	2 0212	10	32	21	0	44.0
02/13/15	2 0213	19	45	32	0	33.0
02/14/15	2 0214	16	38	27	0	38.0
02/15/15	2 0215	12	19	15.5	0.18	49.5
02/16/15	2 0216	12	22	17	0.02	48.0
02/17/15	2 0217	15	30	22.5	0.02	42.5
02/18/15	2 0218	8	18	13	0	52.0
02/19/15	2 0219	3	17	10	0.08	55.0
02/20/15	2 0220	13	36	24.5	0.14	40.5
02/21/15	2 0221	25	47	36	0.04	29.0
02/22/15	2 0222	13	25	19	0	46.0
02/23/15	2 0223	7	22	14.5	0	50.5
02/24/15	2 0224	13	45	29	0	36.0
02/25/15	2 0225	18	54	36	0.01	29.0
02/26/15	2 0226	4	20	12	0	53.0
02/27/15	2 0227	0	18	9	0	56.0
02/28/15	2 0228	14	23	18.5	0.1	46.5
03/01/15	3 0301	20	33	26.5	0	38.5
03/02/15	3 0302	20	40	30	0	35.0
03/03/15	3 0303	27	47	37	0	28.0
03/04/15	3 0304	18	29	23.5	0	41.5
03/05/15	3 0305	6	32	19	0	46.0
03/06/15	3 0306	23	60	41.5	0	23.5
03/07/15	3 0307	37	70	53.5	0	11.5
03/08/15	3 0308	36	69	52.5	0	12.5
03/09/15	3 0309	32	63	47.5	0	17.5
03/10/15	3 0310	38	71	54.5	0	10.5
03/11/15	3 0311	39	75	57	0	8.0
03/12/15	3 0312	43	73	58	0	7.0
03/13/15	3 0313	44	75	59.5	0	5.5
03/14/15	3 0314	41	66	53.5	0	11.5
03/15/15	3 0315	36	73	54.5	0	10.5
03/16/15	3 0316	51	83	67	0	-
03/17/15	3 0317	39	59	49	0	16.0
03/18/15	3 0318	36	42	39	0.28	26.0
03/19/15	3 0319	36	40	38	0.09	27.0
03/20/15	3 0320	30	66	48	0	17.0
03/21/15	3 0321	39	70	54.5	0	10.5
03/22/15	3 0322	45	73	59	0	6.0
03/23/15	3 0323	35	59	47	0	18.0
03/24/15	3 0324	38	46	42	0.22	23.0
03/25/15	3 0325	39	50	44.5	0.17	20.5
03/26/15	3 0326	30	51	40.5	0.01	24.5
03/27/15	3 0327	29	44	36.5	0	28.5
03/28/15	3 0328	36	53	44.5	0	20.5
03/29/15	3 0329	38	68	53	0	12.0
03/30/15	3 0330	36	73	54.5	0	10.5
03/31/15	3 0331	46	77	61.5	0	3.5
04/01/15	4 0401	53	80	66.5	0	-
04/02/15	4 0402	53	70	61.5	0.58	3.5
04/03/15	4 0403	38	57	47.5	0.09	17.5
04/04/15	4 0404	29	62	45.5	0	19.5
04/05/15	4 0405	39	66	52.5	0	12.5
04/06/15	4 0406	49	61	55	0	10.0
04/07/15	4 0407	52	85	68.5	0	-
04/08/15	4 0408	51	77	64	0.08	1.0
04/09/15	4 0409	40	77	58.5	0.02	6.5
04/10/15	4 0410	35	69	52	0	13.0
04/11/15	4 0411	49	73	61	0	4.0
04/12/15	4 0412	52	67	59.5	0.4	5.5
04/13/15	4 0413	50	64	57	0.45	8.0
04/14/15	4 0414	48	67	57.5	0	7.5
04/15/15	4 0415	49	59	54	0.05	11.0
04/16/15	4 0416	48	77	62.5	0	2.5
04/17/15	4 0417	54	77	65.5	0.02	-
04/18/15	4 0418	56	65	60.5	0.76	4.5

04/19/15	4 0419	48	66	57	0.28	8.0
04/20/15	4 0420	42	58	50	0	15.0
04/21/15	4 0421	39	69	54	0	11.0
04/22/15	4 0422	33	58	45.5	0	19.5
04/23/15	4 0423	37	67	52	0	13.0
04/24/15	4 0424	55	63	59	0	6.0
04/25/15	4 0425	48	61	54.5	0.56	10.5
04/26/15	4 0426	47	62	54.5	0	10.5
04/27/15	4 0427	41	66	53.5	0	11.5
04/28/15	4 0428	43	73	58	0	7.0
04/29/15	4 0429	44	73	58.5	0	6.5
04/30/15	4 0430	44	74	59	0	6.0
05/01/15	5 0501	45	74	59.5	0	5.5
05/02/15	5 0502	54	75	64.5	0.03	0.5
05/03/15	5 0503	61	83	72	0	-
05/04/15	5 0504	60	83	71.5	0.31	-
05/05/15	5 0505	58	80	69	0.37	-
05/06/15	5 0506	63	74	68.5	0.01	-
05/07/15	5 0507	62	76	69	0.74	-
05/08/15	5 0508	59	69	64	0.17	1.0
05/09/15	5 0509	58	73	65.5	0.12	-
05/10/15	5 0510	55	74	64.5	0.46	0.5
05/11/15	5 0511	44	61	52.5	0	12.5
05/12/15	5 0512	41	69	55	0	10.0
05/13/15	5 0513	49	71	60	0.01	5.0
05/14/15	5 0514	56	74	65	0.76	-
05/15/15	5 0515	60	77	68.5	0.35	-
05/16/15	5 0516	63	81	72	0.77	-
05/17/15	5 0517	62	79	70.5	0.33	-
05/18/15	5 0518	49	68	58.5	0	6.5
05/19/15	5 0519	42	58	50	0	15.0
05/20/15	5 0520	47	54	50.5	1.04	14.5
05/21/15	5 0521	44	68	56	0.01	9.0
05/22/15	5 0522	46	66	56	0	9.0
05/23/15	5 0523	56	67	61.5	0.94	3.5
05/24/15	5 0524	61	70	65.5	0.77	-
05/25/15	5 0525	58	80	69	0.24	-
05/26/15	5 0526	56	77	66.5	1.05	-
05/27/15	5 0527	56	81	68.5	0	-
05/28/15	5 0528	62	72	67	0.24	-
05/29/15	5 0529	56	70	63	0.23	2.0
05/30/15	5 0530	54	65	59.5	0.07	5.5
05/31/15	5 0531	55	70	62.5	0	2.5
06/01/15	6 0601	57	66	61.5	0	3.5
06/02/15	6 0602	57	74	65.5	0	-
06/03/15	6 0603	63	72	67.5	2.25	-
06/04/15	6 0604	52	77	64.5	0.69	0.5
06/05/15	6 0605	63	83	73	0.49	-
06/06/15	6 0606	66	84	75	0.12	-
06/07/15	6 0607	64	90	77	0	-
06/08/15	6 0608	63	87	75	0.15	-
06/09/15	6 0609	63	90	76.5	0	-
06/10/15	6 0610	73	93	83	0	-
06/11/15	6 0611	71	89	80	0.12	-
06/12/15	6 0612	65	76	70.5	0	-
06/13/15	6 0613	66	79	72.5	0.08	-
06/14/15	6 0614	70	83	76.5	0.3	-
06/15/15	6 0615	70	83	76.5	0.18	-
06/16/15	6 0616	67	76	71.5	0	-
06/17/15	6 0617	68	84	76	0	-
06/18/15	6 0618	69	83	76	0	-
06/19/15	6 0619	63	84	73.5	0	-
06/20/15	6 0620	68	95	81.5	0	-
06/21/15	6 0621	67	85	76	0.83	-
06/22/15	6 0622	74	92	83	0	-
06/23/15	6 0623	64	79	71.5	0.66	-
06/24/15	6 0624	66	92	79	0	-
06/25/15	6 0625	71	93	82	0	-

06/26/15	6 0626	63	82	72.5	1.44	-
06/27/15	6 0627	61	82	71.5	0	-
06/28/15	6 0628	63	86	74.5	0	-
06/29/15	6 0629	64	86	75	0	-
06/30/15	6 0630	66	86	76	0	-
07/01/15	7 0701	68	85	76.5	0.48	-
07/02/15	7 0702	67	74	70.5	0.11	-
07/03/15	7 0703	64	79	71.5	0	-
07/04/15	7 0704	59	81	70	0	-
07/05/15	7 0705	67	88	77.5	0	-
07/06/15	7 0706	67	89	78	1.42	-
07/07/15	7 0707	61	72	66.5	0.94	-
07/08/15	7 0708	60	66	63	0.22	2.0
07/09/15	7 0709	59	77	68	0	-
07/10/15	7 0710	63	76	69.5	0.24	-
07/11/15	7 0711	69	90	79.5	0	-
07/12/15	7 0712	73	92	82.5	0	-
07/13/15	7 0713	76	95	85.5	0	-
07/14/15	7 0714	73	96	84.5	0	-
07/15/15	7 0715	74	88	81	0.08	-
07/16/15	7 0716	77	92	84.5	0	-
07/17/15	7 0717	76	92	84	0	-
07/18/15	7 0718	75	90	82.5	0.76	-
07/19/15	7 0719	73	85	79	0.05	-
07/20/15	7 0720	71	87	79	0.89	-
07/21/15	7 0721	67	81	74	0	-
07/22/15	7 0722	65	83	74	0	-
07/23/15	7 0723	71	87	79	0	-
07/24/15	7 0724	73	95	84	0.01	-
07/25/15	7 0725	75	89	82	0	-
07/26/15	7 0726	72	91	81.5	0.25	-
07/27/15	7 0727	74	91	82.5	0	-
07/28/15	7 0728	75	94	84.5	0	-
07/29/15	7 0729	70	85	77.5	1.31	-
07/30/15	7 0730	64	86	75	0	-
07/31/15	7 0731	62	89	75.5	0	-
08/01/15	8 0801	69	91	80	0	-
08/02/15	8 0802	68	90	79	0	-
08/03/15	8 0803	68	87	77.5	0	-
08/04/15	8 0804	70	85	77.5	0.14	-
08/05/15	8 0805	67	80	73.5	0	-
08/06/15	8 0806	66	82	74	0	-
08/07/15	8 0807	71	91	81	0	-
08/08/15	8 0808	73	89	81	0.19	-
08/09/15	8 0809	77	89	83	0	-
08/10/15	8 0810	70	87	78.5	0.02	-
08/11/15	8 0811	63	84	73.5	0	-
08/12/15	8 0812	65	87	76	0	-
08/13/15	8 0813	65	86	75.5	0	-
08/14/15	8 0814	66	86	76	0	-
08/15/15	8 0815	64	88	76	0	-
08/16/15	8 0816	64	89	76.5	0	-
08/17/15	8 0817	68	89	78.5	0	-
08/18/15	8 0818	62	81	71.5	0.62	-
08/19/15	8 0819	55	73	64	0	1.0
08/20/15	8 0820	55	82	68.5	0	-
08/21/15	8 0821	58	83	70.5	0	-
08/22/15	8 0822	69	86	77.5	0	-
08/23/15	8 0823	52	77	64.5	0	0.5
08/24/15	8 0824	50	81	65.5	0	-
08/25/15	8 0825	56	82	69	0	-
08/26/15	8 0826	63	82	72.5	0	-
08/27/15	8 0827	63	77	70	0.01	-
08/28/15	8 0828	68	82	75	0	-
08/29/15	8 0829	65	78	71.5	0	-
08/30/15	8 0830	63	85	74	0	-
08/31/15	8 0831	68	90	79	0	-
09/01/15	9 0901	72	91	81.5	0	-

09/02/15	9 0902	71	90	80.5	0.17	-
09/03/15	9 0903	72	93	82.5	0	-
09/04/15	9 0904	71	93	82	0	-
09/05/15	9 0905	73	94	83.5	0	-
09/06/15	9 0906	73	95	84	0	-
09/07/15	9 0907	70	84	77	0.95	-
09/08/15	9 0908	70	81	75.5	0	-
09/09/15	9 0909	65	85	75	0	-
09/10/15	9 0910	63	89	76	1.91	-
09/11/15	9 0911	54	71	62.5	0.04	2.5
09/12/15	9 0912	49	71	60	0	5.0
09/13/15	9 0913	51	77	64	0	1.0
09/14/15	9 0914	65	83	74	0	-
09/15/15	9 0915	68	83	75.5	0	-
09/16/15	9 0916	67	89	78	0	-
09/17/15	9 0917	73	90	81.5	0.09	-
09/18/15	9 0918	57	81	69	0.24	-
09/19/15	9 0919	50	71	60.5	0	4.5
09/20/15	9 0920	53	76	64.5	0	0.5
09/21/15	9 0921	59	74	66.5	0	-
09/22/15	9 0922	65	85	75	0	-
09/23/15	9 0923	67	82	74.5	0	-
09/24/15	9 0924	67	83	75	0	-
09/25/15	9 0925	63	83	73	0	-
09/26/15	9 0926	58	82	70	0	-
09/27/15	9 0927	59	80	69.5	0	-
09/28/15	9 0928	58	83	70.5	0	-
09/29/15	9 0929	61	73	67	0	-
09/30/15	9 0930	48	70	59	0	6.0
10/01/15	10 1001	47	68	57.5	0	7.5
10/02/15	10 1002	41	65	53	0	12.0
10/03/15	10 1003	43	66	54.5	0	10.5
10/04/15	10 1004	42	59	50.5	0	14.5
10/05/15	10 1005	51	64	57.5	0	7.5
10/06/15	10 1006	56	73	64.5	0.01	0.5
10/07/15	10 1007	53	76	64.5	0	0.5
10/08/15	10 1008	59	87	73	0	-
10/09/15	10 1009	46	64	55	0.05	10.0
10/10/15	10 1010	40	72	56	0	9.0
10/11/15	10 1011	58	84	71	0	-
10/12/15	10 1012	54	78	66	0	-
10/13/15	10 1013	46	77	61.5	0	3.5
10/14/15	10 1014	51	74	62.5	0	2.5
10/15/15	10 1015	46	76	61	0	4.0
10/16/15	10 1016	38	63	50.5	0	14.5
10/17/15	10 1017	44	59	51.5	0	13.5
10/18/15	10 1018	48	71	59.5	0	5.5
10/19/15	10 1019	55	78	66.5	0	-
10/20/15	10 1020	59	82	70.5	0	-
10/21/15	10 1021	60	84	72	0	-
10/22/15	10 1022	58	76	67	0	-
10/23/15	10 1023	59	73	66	0.09	-
10/24/15	10 1024	48	63	55.5	0	9.5
10/25/15	10 1025	40	66	53	0	12.0
10/26/15	10 1026	40	63	51.5	0	13.5
10/27/15	10 1027	52	55	53.5	0.31	11.5
10/28/15	10 1028	39	59	49	0	16.0
10/29/15	10 1029	32	56	44	0	21.0
10/30/15	10 1030	36	52	44	0.47	21.0
10/31/15	10 1031	41	58	49.5	0.35	15.5
11/01/15	11 1101	40	76	58	0	7.0
11/02/15	11 1102	47	75	61	0	4.0
11/03/15	11 1103	46	71	58.5	0	6.5
11/04/15	11 1104	57	66	61.5	0	3.5
11/05/15	11 1105	46	72	59	0.18	6.0
11/06/15	11 1106	35	62	48.5	0	16.5
11/07/15	11 1107	40	60	50	0	15.0
11/08/15	11 1108	33	60	46.5	0	18.5

11/09/15	11 1109	33	61	47	0	18.0
11/10/15	11 1110	39	70	54.5	0	10.5
11/11/15	11 1111	43	74	58.5	0	6.5
11/12/15	11 1112	41	60	50.5	0	14.5
11/13/15	11 1113	29	60	44.5	0	20.5
11/14/15	11 1114	39	69	54	0	11.0
11/15/15	11 1115	47	62	54.5	0	10.5
11/16/15	11 1116	48	60	54	0.15	11.0
11/17/15	11 1117	48	61	54.5	1.31	10.5
11/18/15	11 1118	42	50	46	0.04	19.0
11/19/15	11 1119	33	50	41.5	0	23.5
11/20/15	11 1120	32	51	41.5	0.05	23.5
11/21/15	11 1121	26	38	32	0.04	33.0
11/22/15	11 1122	23	48	35.5	0	29.5
11/23/15	11 1123	28	62	45	0	20.0
11/24/15	11 1124	39	61	50	0	15.0
11/25/15	11 1125	52	62	57	0	8.0
11/26/15	11 1126	33	64	48.5	1.6	16.5
11/27/15	11 1127	30	34	32	0.15	33.0
11/28/15	11 1128	30	33	31.5	0.11	33.5
11/29/15	11 1129	31	35	33	0.35	32.0
11/30/15	11 1130	32	40	36	0.37	29.0
12/01/15	12 1201	30	43	36.5	0	28.5
12/02/15	12 1202	31	47	39	0	26.0
12/03/15	12 1203	21	48	34.5	0	30.5
12/04/15	12 1204	26	55	40.5	0	24.5
12/05/15	12 1205	35	54	44.5	0	20.5
12/06/15	12 1206	34	52	43	0	22.0
12/07/15	12 1207	25	59	42	0	23.0
12/08/15	12 1208	33	55	44	0	21.0
12/09/15	12 1209	36	63	49.5	0	15.5
12/10/15	12 1210	39	63	51	0	14.0
12/11/15	12 1211	36	62	49	0	16.0
12/12/15	12 1212	40	65	52.5	0	12.5
12/13/15	12 1213	45	63	54	0.9	11.0
12/14/15	12 1214	38	45	41.5	0	23.5
12/15/15	12 1215	38	56	47	0	18.0
12/16/15	12 1216	29	48	38.5	0	26.5
12/17/15	12 1217	24	33	28.5	0	36.5
12/18/15	12 1218	16	43	29.5	0	35.5
12/19/15	12 1219	24	51	37.5	0	27.5
12/20/15	12 1220	47	56	51.5	0.01	13.5
12/21/15	12 1221	30	57	43.5	0.13	21.5
12/22/15	12 1222	26	54	40	0	25.0
12/23/15	12 1223	30	61	45.5	0.05	19.5
12/24/15	12 1224	28	50	39	0	26.0
12/25/15	12 1225	27	40	33.5	0	31.5
12/26/15	12 1226	34	46	40	0.82	25.0
12/27/15	12 1227	29	34	31.5	0.04	33.5
12/28/15	12 1228	23	31	27	0.4	38.0
12/29/15	12 1229	15	28	21.5	0	43.5
12/30/15	12 1230	19	29	24	0.01	41.0
12/31/15	12 1231	22	39	30.5	0	34.5
01/01/16	1 0101	19	39	29	0	36.0
01/02/16	1 0102	22	43	32.5	0	32.5
01/03/16	1 0103	19	34	26.5	0	38.5
01/04/16	1 0104	21	30	25.5	0	39.5
01/05/16	1 0105	20	38	29	0	36.0
01/06/16	1 0106	31	37	34	0.03	31.0
01/07/16	1 0107	37	45	41	0.36	24.0
01/08/16	1 0108	32	45	38.5	0.21	26.5
01/09/16	1 0109	7	32	19.5	0	45.5
01/10/16	1 0110	2	20	11	0	54.0
01/11/16	1 0111	19	39	29	0	36.0
01/12/16	1 0112	16	36	26	0	39.0
01/13/16	1 0113	17	48	32.5	0	32.5
01/14/16	1 0114	33	60	46.5	0	18.5
01/15/16	1 0115	22	41	31.5	0	33.5

01/16/16	1 0116	14	33	23.5	0	41.5
01/17/16	1 0117	-3	19	8	0.06	57.0
01/18/16	1 0118	-3	23	10	0	55.0
01/19/16	1 0119	20	22	21	0.07	44.0
01/20/16	1 0120	20	28	24	0	41.0
01/21/16	1 0121	21	26	23.5	0.03	41.5
01/22/16	1 0122	15	30	22.5	0	42.5
01/23/16	1 0123	20	27	23.5	0	41.5
01/24/16	1 0124	21	49	35	0	30.0
01/25/16	1 0125	29	42	35.5	0	29.5
01/26/16	1 0126	20	39	29.5	0	35.5
01/27/16	1 0127	17	51	34	0	31.0
01/28/16	1 0128	30	51	40.5	0	24.5
01/29/16	1 0129	26	64	45	0	20.0
01/30/16	1 0130	30	58	44	0	21.0
01/31/16	1 0131	37	53	45	0	20.0
02/01/16	2 0201	32	49	40.5	0.08	24.5
02/02/16	2 0202	34	55	44.5	0.32	20.5
02/03/16	2 0203	20	35	27.5	0	37.5
02/04/16	2 0204	15	45	30	0	35.0
02/05/16	2 0205	21	41	31	0	34.0
02/06/16	2 0206	26	49	37.5	0	27.5
02/07/16	2 0207	36	52	44	0	21.0
02/08/16	2 0208	24	36	30	0	35.0
02/09/16	2 0209	16	29	22.5	0	42.5
02/10/16	2 0210	17	49	33	0	32.0
02/11/16	2 0211	18	36	27	0	38.0
02/12/16	2 0212	18	36	27	0	38.0
02/13/16	2 0213	15	22	18.5	0	46.5
02/14/16	2 0214	21	50	35.5	0	29.5
02/15/16	2 0215	27	52	39.5	0	25.5
02/16/16	2 0216	29	45	37	0	28.0
02/17/16	2 0217	26	61	43.5	0	21.5
02/18/16	2 0218	45	74	59.5	0	5.5
02/19/16	2 0219	49	72	60.5	0	4.5
02/20/16	2 0220	39	75	57	0	8.0
02/21/16	2 0221	31	54	42.5	0	22.5
02/22/16	2 0222	32	50	41	0	24.0
02/23/16	2 0223	30	49	39.5	0	25.5
02/24/16	2 0224	30	46	38	0	27.0
02/25/16	2 0225	29	42	35.5	0	29.5
02/26/16	2 0226	20	54	37	0	28.0
02/27/16	2 0227	29	73	51	0	14.0
02/28/16	2 0228	40	67	53.5	0	11.5
02/29/16	2 0229	31	71	51	0	14.0
03/01/16	3 0301	25	44	34.5	0	30.5
03/02/16	3 0302	21	61	41	0	24.0
03/03/16	3 0303	34	53	43.5	0	21.5
03/04/16	3 0304	28	65	46.5	0	18.5
03/05/16	3 0305	35	66	50.5	0	14.5
03/06/16	3 0306	45	74	59.5	0	5.5
03/07/16	3 0307	63	70	66.5	0	-
03/08/16	3 0308	54	66	60	0.73	5.0
03/09/16	3 0309	46	61	53.5	0	11.5
03/10/16	3 0310	44	68	56	0	9.0
03/11/16	3 0311	43	68	55.5	0	9.5
03/12/16	3 0312	49	57	53	0.32	12.0
03/13/16	3 0313	48	62	55	0.02	10.0
03/14/16	3 0314	47	74	60.5	0	4.5
03/15/16	3 0315	45	63	54	0.04	11.0
03/16/16	3 0316	37	62	49.5	0	15.5
03/17/16	3 0317	31	63	47	0	18.0
03/18/16	3 0318	32	53	42.5	0	22.5
03/19/16	3 0319	26	41	33.5	0.01	31.5
03/20/16	3 0320	32	49	40.5	0.02	24.5
03/21/16	3 0321	26	65	45.5	0	19.5
03/22/16	3 0322	50	72	61	0	4.0
03/23/16	3 0323	50	78	64	0.38	1.0

03/24/16	3 0324	32	53	42.5	0.03	22.5
03/25/16	3 0325	26	57	41.5	0	23.5
03/26/16	3 0326	37	57	47	0.14	18.0
03/27/16	3 0327	32	52	42	1	23.0
03/28/16	3 0328	30	66	48	0	17.0
03/29/16	3 0329	44	67	55.5	0	9.5
03/30/16	3 0330	56	73	64.5	0	0.5
03/31/16	3 0331	40	62	51	0	14.0
04/01/16	4 0401	33	51	42	0	23.0
04/02/16	4 0402	29	63	46	0	19.0
04/03/16	4 0403	39	81	60	0	5.0
04/04/16	4 0404	47	66	56.5	0	8.5
04/05/16	4 0405	42	76	59	0.07	6.0
04/06/16	4 0406	49	62	55.5	0.24	9.5
04/07/16	4 0407	38	64	51	0	14.0
04/08/16	4 0408	35	63	49	0	16.0
04/09/16	4 0409	31	61	46	0	19.0
04/10/16	4 0410	52	70	61	0.03	4.0
04/11/16	4 0411	36	59	47.5	0	17.5
04/12/16	4 0412	33	62	47.5	0	17.5
04/13/16	4 0413	38	72	55	0	10.0
04/14/16	4 0414	44	73	58.5	0	6.5
04/15/16	4 0415	50	75	62.5	0	2.5
04/16/16	4 0416	57	76	66.5	0	-
04/17/16	4 0417	57	76	66.5	0	-
04/18/16	4 0418	58	66	62	0.74	3.0
04/19/16	4 0419	53	68	60.5	0.01	4.5
04/20/16	4 0420	50	67	58.5	0.36	6.5
04/21/16	4 0421	47	66	56.5	0.02	8.5
04/22/16	4 0422	50	68	59	0	6.0
04/23/16	4 0423	50	78	64	0	1.0
04/24/16	4 0424	59	80	69.5	0.17	-
04/25/16	4 0425	59	77	68	0.22	-
04/26/16	4 0426	56	71	63.5	3.09	1.5
04/27/16	4 0427	49	71	60	0.93	5.0
04/28/16	4 0428	46	56	51	0	14.0
04/29/16	4 0429	47	55	51	0.33	14.0
04/30/16	4 0430	52	67	59.5	0.47	5.5
05/01/16	5 0501	48	61	54.5	0	10.5
05/02/16	5 0502	46	57	51.5	0.01	13.5
05/03/16	5 0503	41	70	55.5	0	9.5
05/04/16	5 0504	51	69	60	0	5.0
05/05/16	5 0505	47	73	60	0	5.0
05/06/16	5 0506	48	81	64.5	0	0.5
05/07/16	5 0507	59	85	72	0	-
05/08/16	5 0508	59	73	66	0.74	-
05/09/16	5 0509	58	74	66	0.46	-
05/10/16	5 0510	54	80	67	0.01	-
05/11/16	5 0511	57	75	66	1.35	-
05/12/16	5 0512	50	70	60	0	5.0
05/13/16	5 0513	46	79	62.5	0.36	2.5
05/14/16	5 0514	40	60	50	0	15.0
05/15/16	5 0515	39	67	53	0.1	12.0
05/16/16	5 0516	50	53	51.5	0.55	13.5
05/17/16	5 0517	49	61	55	0.09	10.0
05/18/16	5 0518	46	69	57.5	0	7.5
05/19/16	5 0519	47	68	57.5	0.01	7.5
05/20/16	5 0520	54	67	60.5	0.01	4.5
05/21/16	5 0521	49	74	61.5	0	3.5
05/22/16	5 0522	54	80	67	0	-
05/23/16	5 0523	60	71	65.5	0.53	-
05/24/16	5 0524	61	79	70	0.34	-
05/25/16	5 0525	64	82	73	0.28	-
05/26/16	5 0526	61	78	69.5	3.67	-
05/27/16	5 0527	59	77	68	0.78	-
05/28/16	5 0528	56	76	66	0.07	-
05/29/16	5 0529	58	85	71.5	0	-
05/30/16	5 0530	60	86	73	0.07	-

05/31/16	5 0531	60	79	69.5	0	-
06/01/16	6 0601	61	82	71.5	0	-
06/02/16	6 0602	58	83	70.5	0	-
06/03/16	6 0603	61	84	72.5	0	-
06/04/16	6 0604	61	82	71.5	0.13	-
06/05/16	6 0605	59	83	71	0	-
06/06/16	6 0606	60	90	75	0	-
06/07/16	6 0607	55	80	67.5	0	-
06/08/16	6 0608	60	85	72.5	0	-
06/09/16	6 0609	70	91	80.5	0	-
06/10/16	6 0610	72	91	81.5	0	-
06/11/16	6 0611	72	91	81.5	0	-
06/12/16	6 0612	70	93	81.5	0.16	-
06/13/16	6 0613	67	88	77.5	0	-
06/14/16	6 0614	70	92	81	0	-
06/15/16	6 0615	66	98	82	0	-
06/16/16	6 0616	70	94	82	0	-
06/17/16	6 0617	77	94	85.5	0	-
06/18/16	6 0618	70	89	79.5	0	-
06/19/16	6 0619	66	91	78.5	0	-
06/20/16	6 0620	71	95	83	0.31	-
06/21/16	6 0621	73	95	84	0	-
06/22/16	6 0622	77	99	88	0	-
06/23/16	6 0623	73	91	82	0	-
06/24/16	6 0624	71	92	81.5	0	-
06/25/16	6 0625	75	94	84.5	0	-
06/26/16	6 0626	71	90	80.5	0.01	-
06/27/16	6 0627	65	94	79.5	0	-
06/28/16	6 0628	66	87	76.5	0.36	-
06/29/16	6 0629	67	85	76	0	-
06/30/16	6 0630	69	89	79	0.01	-
07/01/16	7 0701	64	84	74	0	-
07/02/16	7 0702	64	73	68.5	1.09	-
07/03/16	7 0703	61	71	66	0.93	-
07/04/16	7 0704	64	82	73	0	-
07/05/16	7 0705	71	94	82.5	0	-
07/06/16	7 0706	70	89	79.5	0.35	-
07/07/16	7 0707	67	90	78.5	0.73	-
07/08/16	7 0708	71	90	80.5	0	-
07/09/16	7 0709	69	89	79	0	-
07/10/16	7 0710	69	91	80	0	-
07/11/16	7 0711	74	91	82.5	0	-
07/12/16	7 0712	65	85	75	1.09	-
07/13/16	7 0713	68	85	76.5	0.54	-
07/14/16	7 0714	68	84	76	0	-
07/15/16	7 0715	64	85	74.5	0	-
07/16/16	7 0716	68	88	78	0	-
07/17/16	7 0717	76	92	84	0	-
07/18/16	7 0718	73	90	81.5	0	-
07/19/16	7 0719	74	92	83	0	-
07/20/16	7 0720	75	93	84	0	-
07/21/16	7 0721	78	96	87	0	-
07/22/16	7 0722	78	93	85.5	0	-
07/23/16	7 0723	76	92	84	0	-
07/24/16	7 0724	76	93	84.5	0	-
07/25/16	7 0725	73	86	79.5	0	-
07/26/16	7 0726	68	88	78	0	-
07/27/16	7 0727	66	90	78	0	-
07/28/16	7 0728	70	89	79.5	0	-
07/29/16	7 0729	67	85	76	0	-
07/30/16	7 0730	62	85	73.5	0	-
07/31/16	7 0731	65	82	73.5	1.02	-
08/01/16	8 0801	69	85	77	0.17	-
08/02/16	8 0802	73	89	81	0	-
08/03/16	8 0803	72	90	81	0	-
08/04/16	8 0804	76	97	86.5	0	-
08/05/16	8 0805	70	82	76	0	-
08/06/16	8 0806	67	82	74.5	0	-

08/07/16	8 0807	67	77	72	0.04	-
08/08/16	8 0808	69	80	74.5	0	-
08/09/16	8 0809	71	94	82.5	0	-
08/10/16	8 0810	74	96	85	0	-
08/11/16	8 0811	77	98	87.5	0	-
08/12/16	8 0812	70	84	77	0.3	-
08/13/16	8 0813	65	86	75.5	0	-
08/14/16	8 0814	66	88	77	0	-
08/15/16	8 0815	65	82	73.5	0	-
08/16/16	8 0816	62	89	75.5	0	-
08/17/16	8 0817	68	93	80.5	0	-
08/18/16	8 0818	67	92	79.5	0	-
08/19/16	8 0819	67	90	78.5	1.06	-
08/20/16	8 0820	56	74	65	0	-
08/21/16	8 0821	55	81	68	0	-
08/22/16	8 0822	56	83	69.5	0	-
08/23/16	8 0823	65	87	76	0	-
08/24/16	8 0824	67	85	76	1.77	-
08/25/16	8 0825	70	83	76.5	1.32	-
08/26/16	8 0826	67	83	75	1.92	-
08/27/16	8 0827	66	88	77	0.09	-
08/28/16	8 0828	70	90	80	1.23	-
08/29/16	8 0829	70	89	79.5	0	-
08/30/16	8 0830	71	86	78.5	0.49	-
08/31/16	8 0831	63	82	72.5	0.77	-
09/01/16	9 0901	58	79	68.5	0	-
09/02/16	9 0902	60	77	68.5	0	-
09/03/16	9 0903	60	79	69.5	0	-
09/04/16	9 0904	63	82	72.5	0	-
09/05/16	9 0905	68	89	78.5	0	-
09/06/16	9 0906	74	90	82	0	-
09/07/16	9 0907	76	88	82	0	-
09/08/16	9 0908	73	81	77	0.71	-
09/09/16	9 0909	66	83	74.5	0.54	-
09/10/16	9 0910	56	75	65.5	0.15	-
09/11/16	9 0911	51	77	64	0	1.0
09/12/16	9 0912	62	84	73	0	-
09/13/16	9 0913	65	80	72.5	1.46	-
09/14/16	9 0914	64	77	70.5	0.94	-
09/15/16	9 0915	67	84	75.5	0	-
09/16/16	9 0916	64	72	68	0.35	-
09/17/16	9 0917	60	82	71	0	-
09/18/16	9 0918	61	83	72	0	-
09/19/16	9 0919	63	89	76	0	-
09/20/16	9 0920	69	91	80	0	-
09/21/16	9 0921	70	90	80	0	-
09/22/16	9 0922	69	88	78.5	0	-
09/23/16	9 0923	65	87	76	0	-
09/24/16	9 0924	68	88	78	0.15	-
09/25/16	9 0925	57	69	63	0.48	2.0
09/26/16	9 0926	49	73	61	0	4.0
09/27/16	9 0927	50	79	64.5	0	0.5
09/28/16	9 0928	50	67	58.5	0	6.5
09/29/16	9 0929	47	72	59.5	0	5.5
09/30/16	9 0930	49	74	61.5	0	3.5
10/01/16	10 1001	52	65	58.5	0	6.5
10/02/16	10 1002	49	74	61.5	0	3.5
10/03/16	10 1003	55	78	66.5	0	-
10/04/16	10 1004	61	79	70	0.08	-
10/05/16	10 1005	57	78	67.5	0.68	-
10/06/16	10 1006	49	76	62.5	1.12	2.5
10/07/16	10 1007	44	63	53.5	0.01	11.5
10/08/16	10 1008	42	69	55.5	0	9.5
10/09/16	10 1009	46	72	59	0	6.0
10/10/16	10 1010	55	72	63.5	0.07	1.5
10/11/16	10 1011	55	76	65.5	0	-
10/12/16	10 1012	39	66	52.5	0.03	12.5
10/13/16	10 1013	35	58	46.5	0	18.5

10/14/16	10 1014	48	69	58.5	0.01	6.5
10/15/16	10 1015	65	73	69	0	-
10/16/16	10 1016	67	85	76	0	-
10/17/16	10 1017	71	87	79	0	-
10/18/16	10 1018	56	75	65.5	0	-
10/19/16	10 1019	51	70	60.5	0	4.5
10/20/16	10 1020	44	59	51.5	0	13.5
10/21/16	10 1021	36	62	49	0	16.0
10/22/16	10 1022	43	71	57	0	8.0
10/23/16	10 1023	51	75	63	0	2.0
10/24/16	10 1024	46	66	56	0	9.0
10/25/16	10 1025	53	77	65	0	-
10/26/16	10 1026	50	73	61.5	0.1	3.5
10/27/16	10 1027	44	70	57	0	8.0
10/28/16	10 1028	56	81	68.5	0	-
10/29/16	10 1029	64	81	72.5	0	-
10/30/16	10 1030	51	64	57.5	0	7.5
10/31/16	10 1031	56	77	66.5	0	-
11/01/16	11 1101	60	78	69	0	-
11/02/16	11 1102	61	74	67.5	0.29	-
11/03/16	11 1103	57	73	65	0	-
11/04/16	11 1104	49	73	61	0	4.0
11/05/16	11 1105	47	69	58	0	7.0
11/06/16	11 1106	44	65	54.5	0	10.5
11/07/16	11 1107	46	64	55	0.02	10.0
11/08/16	11 1108	44	64	54	0	11.0
11/09/16	11 1109	37	61	49	0	16.0
11/10/16	11 1110	34	69	51.5	0	13.5
11/11/16	11 1111	38	59	48.5	0	16.5
11/12/16	11 1112	31	56	43.5	0	21.5
11/13/16	11 1113	32	62	47	0	18.0
11/14/16	11 1114	41	67	54	0	11.0
11/15/16	11 1115	40	70	55	0	10.0
11/16/16	11 1116	45	74	59.5	0	5.5
11/17/16	11 1117	65	76	70.5	0	-
11/18/16	11 1118	31	68	49.5	0	15.5
11/19/16	11 1119	27	46	36.5	0	28.5
11/20/16	11 1120	28	50	39	0	26.0
11/21/16	11 1121	31	52	41.5	0	23.5
11/22/16	11 1122	47	58	52.5	0.09	12.5
11/23/16	11 1123	39	57	48	0	17.0
11/24/16	11 1124	37	49	43	0	22.0
11/25/16	11 1125	32	51	41.5	0	23.5
11/26/16	11 1126	31	59	45	0	20.0
11/27/16	11 1127	44	57	50.5	0.11	14.5
11/28/16	11 1128	43	60	51.5	0	13.5
11/29/16	11 1129	32	50	41	0	24.0
11/30/16	11 1130	29	41	35	0	30.0
12/01/16	12 1201	25	44	34.5	0	30.5
12/02/16	12 1202	24	50	37	0	28.0
12/03/16	12 1203	28	45	36.5	0.02	28.5
12/04/16	12 1204	29	45	37	0.61	28.0
12/05/16	12 1205	29	52	40.5	0	24.5
12/06/16	12 1206	27	38	32.5	0	32.5
12/07/16	12 1207	18	31	24.5	0.03	40.5
12/08/16	12 1208	14	25	19.5	0	45.5
12/09/16	12 1209	11	28	19.5	0	45.5
12/10/16	12 1210	25	38	31.5	0	33.5
12/11/16	12 1211	21	44	32.5	0.04	32.5
12/12/16	12 1212	13	32	22.5	0	42.5
12/13/16	12 1213	15	28	21.5	0	43.5
12/14/16	12 1214	14	28	21	0	44.0
12/15/16	12 1215	17	24	20.5	0	44.5
12/16/16	12 1216	24	31	27.5	0.02	37.5
12/17/16	12 1217	2	30	16	0.14	49.0
12/18/16	12 1218	-9	6	-1.5	0	66.5
12/19/16	12 1219	-3	25	11	0	54.0
12/20/16	12 1220	21	35	28	0	37.0

12/21/16	12 1221	22	48	35	0	30.0
12/22/16	12 1222	23	41	32	0	33.0
12/23/16	12 1223	32	49	40.5	0.04	24.5
12/24/16	12 1224	27	40	33.5	0	31.5
12/25/16	12 1225	40	65	52.5	0.29	12.5
12/26/16	12 1226	29	52	40.5	0	24.5
12/27/16	12 1227	23	49	36	0	29.0
12/28/16	12 1228	27	53	40	0	25.0
12/29/16	12 1229	31	47	39	0	26.0
12/30/16	12 1230	20	58	39	0	26.0
12/31/16	12 1231	23	45	34	0	31.0
01/01/17	1 0101	20	43	31.5	0	33.5
01/02/17	1 0102	32	47	39.5	0.19	25.5
01/03/17	1 0103	15	43	29	0	36.0
01/04/17	1 0104	10	21	15.5	0.15	49.5
01/05/17	1 0105	2	15	8.5	0.04	56.5
01/06/17	1 0106	-4	13	4.5	0	60.5
01/07/17	1 0107	0	22	11	0	54.0
01/08/17	1 0108	6	33	19.5	0	45.5
01/09/17	1 0109	21	46	33.5	0	31.5
01/10/17	1 0110	26	55	40.5	0.01	24.5
01/11/17	1 0111	22	63	42.5	0	22.5
01/12/17	1 0112	17	30	23.5	0	41.5
01/13/17	1 0113	19	27	23	0.1	42.0
01/14/17	1 0114	25	33	29	0	36.0
01/15/17	1 0115	30	33	31.5	0.16	33.5
01/16/17	1 0116	33	49	41	0.67	24.0
01/17/17	1 0117	27	38	32.5	0	32.5
01/18/17	1 0118	25	48	36.5	0	28.5
01/19/17	1 0119	42	48	45	0.01	20.0
01/20/17	1 0120	38	50	44	0.01	21.0
01/21/17	1 0121	37	54	45.5	0	19.5
01/22/17	1 0122	32	46	39	0	26.0
01/23/17	1 0123	28	41	34.5	0	30.5
01/24/17	1 0124	31	50	40.5	0.05	24.5
01/25/17	1 0125	29	37	33	0	32.0
01/26/17	1 0126	24	34	29	0	36.0
01/27/17	1 0127	22	45	33.5	0	31.5
01/28/17	1 0128	27	48	37.5	0	27.5
01/29/17	1 0129	34	50	42	0	23.0
01/30/17	1 0130	27	61	44	0	21.0
01/31/17	1 0131	32	50	41	0	24.0
02/01/17	2 0201	26	40	33	0	32.0
02/02/17	2 0202	18	31	24.5	0	40.5
02/03/17	2 0203	19	35	27	0	38.0
02/04/17	2 0204	21	47	34	0	31.0
02/05/17	2 0205	26	49	37.5	0	27.5
02/06/17	2 0206	31	56	43.5	0	21.5
02/07/17	2 0207	27	51	39	0	26.0
02/08/17	2 0208	15	27	21	0	44.0
02/09/17	2 0209	12	36	24	0	41.0
02/10/17	2 0210	32	69	50.5	0	14.5
02/11/17	2 0211	47	67	57	0	8.0
02/12/17	2 0212	33	52	42.5	0	22.5
02/13/17	2 0213	28	50	39	0	26.0
02/14/17	2 0214	33	55	44	0	21.0
02/15/17	2 0215	27	52	39.5	0	25.5
02/16/17	2 0216	33	73	53	0	12.0
02/17/17	2 0217	44	74	59	0	6.0
02/18/17	2 0218	38	72	55	0	10.0
02/19/17	2 0219	44	74	59	0	6.0
02/20/17	2 0220	56	69	62.5	0.06	2.5
02/21/17	2 0221	43	72	57.5	0	7.5
02/22/17	2 0222	42	79	60.5	0	4.5
02/23/17	2 0223	47	56	51.5	0	13.5
02/24/17	2 0224	24	47	35.5	0	29.5
02/25/17	2 0225	19	41	30	0	35.0
02/26/17	2 0226	29	52	40.5	0	24.5

02/27/17	2 0227	26	62	44	0	21.0
02/28/17	2 0228	42	73	57.5	0	7.5
03/01/17	3 0301	34	51	42.5	0	22.5
03/02/17	3 0302	24	54	39	0	26.0
03/03/17	3 0303	22	55	38.5	0	26.5
03/04/17	3 0304	48	72	60	0	5.0
03/05/17	3 0305	54	60	57	0	8.0
03/06/17	3 0306	46	76	61	0.32	4.0
03/07/17	3 0307	32	59	45.5	0	19.5
03/08/17	3 0308	33	67	50	0	15.0
03/09/17	3 0309	33	62	47.5	0	17.5
03/10/17	3 0310	25	42	33.5	0	31.5
03/11/17	3 0311	25	34	29.5	0.09	35.5
03/12/17	3 0312	23	42	32.5	0	32.5
03/13/17	3 0313	25	41	33	0	32.0
03/14/17	3 0314	23	34	28.5	0.01	36.5
03/15/17	3 0315	19	35	27	0	38.0
03/16/17	3 0316	32	68	50	0	15.0
03/17/17	3 0317	47	73	60	0	5.0
03/18/17	3 0318	36	65	50.5	0	14.5
03/19/17	3 0319	48	87	67.5	0	-
03/20/17	3 0320	56	79	67.5	0	-
03/21/17	3 0321	43	61	52	0	13.0
03/22/17	3 0322	36	56	46	0	19.0
03/23/17	3 0323	50	80	65	0	-
03/24/17	3 0324	55	69	62	0.14	3.0
03/25/17	3 0325	44	57	50.5	0.35	14.5
03/26/17	3 0326	42	52	47	0.03	18.0
03/27/17	3 0327	45	53	49	0.42	16.0
03/28/17	3 0328	48	54	51	0	14.0
03/29/17	3 0329	48	56	52	1.44	13.0
03/30/17	3 0330	44	53	48.5	0.01	16.5
03/31/17	3 0331	42	50	46	0	19.0
04/01/17	4 0401	41	51	46	0.02	19.0
04/02/17	4 0402	49	64	56.5	0.07	8.5
04/03/17	4 0403	49	62	55.5	1.64	9.5
04/04/17	4 0404	47	52	49.5	0.47	15.5
04/05/17	4 0405	40	54	47	0.82	18.0
04/06/17	4 0406	40	59	49.5	0	15.5
04/07/17	4 0407	34	66	50	0	15.0
04/08/17	4 0408	53	77	65	0	-
04/09/17	4 0409	64	79	71.5	0	-
04/10/17	4 0410	42	70	56	0	9.0
04/11/17	4 0411	37	66	51.5	0	13.5
04/12/17	4 0412	46	76	61	0	4.0
04/13/17	4 0413	55	79	67	0	-
04/14/17	4 0414	60	79	69.5	0.34	-
04/15/17	4 0415	60	81	70.5	0.1	-
04/16/17	4 0416	53	69	61	0.38	4.0
04/17/17	4 0417	50	72	61	0	4.0
04/18/17	4 0418	55	79	67	0	-
04/19/17	4 0419	59	81	70	0	-
04/20/17	4 0420	50	70	60	0.24	5.0
04/21/17	4 0421	46	55	50.5	0	14.5
04/22/17	4 0422	45	66	55.5	0	9.5
04/23/17	4 0423	42	71	56.5	0	8.5
04/24/17	4 0424	41	75	58	0	7.0
04/25/17	4 0425	49	72	60.5	0.12	4.5
04/26/17	4 0426	41	50	45.5	0.01	19.5
04/27/17	4 0427	42	63	52.5	0.03	12.5
04/28/17	4 0428	44	58	51	0.22	14.0
04/29/17	4 0429	43	48	45.5	1.65	19.5
04/30/17	4 0430	42	59	50.5	0.34	14.5
05/01/17	5 0501	39	60	49.5	0.05	15.5
05/02/17	5 0502	47	66	56.5	0.01	8.5
05/03/17	5 0503	42	54	48	0.08	17.0
05/04/17	5 0504	38	68	53	0	12.0
05/05/17	5 0505	42	74	58	0	7.0

05/06/17	5 0506	54	78	66	0	-
05/07/17	5 0507	48	80	64	0	1.0
05/08/17	5 0508	58	84	71	0	-
05/09/17	5 0509	58	84	71	0	-
05/10/17	5 0510	65	80	72.5	0.75	-
05/11/17	5 0511	58	67	62.5	0	2.5
05/12/17	5 0512	50	74	62	0	3.0
05/13/17	5 0513	49	79	64	0	1.0
05/14/17	5 0514	53	83	68	0	-
05/15/17	5 0515	64	88	76	0	-
05/16/17	5 0516	68	85	76.5	0	-
05/17/17	5 0517	65	79	72	0.02	-
05/18/17	5 0518	54	79	66.5	2.88	-
05/19/17	5 0519	59	69	64	0.77	1.0
05/20/17	5 0520	49	63	56	0.13	9.0
05/21/17	5 0521	44	70	57	0	8.0
05/22/17	5 0522	48	68	58	0.16	7.0
05/23/17	5 0523	51	66	58.5	0.09	6.5
05/24/17	5 0524	48	66	57	0	8.0
05/25/17	5 0525	46	76	61	0	4.0
05/26/17	5 0526	61	84	72.5	0.04	-
05/27/17	5 0527	60	75	67.5	0.39	-
05/28/17	5 0528	57	80	68.5	0	-
05/29/17	5 0529	53	80	66.5	0	-
05/30/17	5 0530	50	81	65.5	0	-
05/31/17	5 0531	57	80	68.5	0	-
06/01/17	6 0601	63	80	71.5	0.03	-
06/02/17	6 0602	65	86	75.5	0	-
06/03/17	6 0603	67	85	76	0	-
06/04/17	6 0604	68	83	75.5	0	-
06/05/17	6 0605	64	93	78.5	0	-
06/06/17	6 0606	65	82	73.5	0	-
06/07/17	6 0607	59	81	70	0	-
06/08/17	6 0608	58	81	69.5	0	-
06/09/17	6 0609	56	85	70.5	0	-
06/10/17	6 0610	67	89	78	0	-
06/11/17	6 0611	72	91	81.5	0	-
06/12/17	6 0612	70	92	81	0	-
06/13/17	6 0613	74	90	82	0	-
06/14/17	6 0614	68	89	78.5	0.01	-
06/15/17	6 0615	64	93	78.5	0.42	-
06/16/17	6 0616	66	91	78.5	0	-
06/17/17	6 0617	67	89	78	2.38	-
06/18/17	6 0618	64	81	72.5	0.08	-
06/19/17	6 0619	62	85	73.5	0	-
06/20/17	6 0620	62	90	76	0	-
06/21/17	6 0621	71	91	81	0	-
06/22/17	6 0622	68	87	77.5	0	-
06/23/17	6 0623	62	81	71.5	0	-
06/24/17	6 0624	57	79	68	0	-
06/25/17	6 0625	54	76	65	0	-
06/26/17	6 0626	53	74	63.5	0.46	1.5
06/27/17	6 0627	56	81	68.5	0	-
06/28/17	6 0628	72	88	80	0	-
06/29/17	6 0629	65	81	73	2.09	-
06/30/17	6 0630	64	82	73	0.85	-
07/01/17	7 0701	60	85	72.5	0	-
07/02/17	7 0702	62	88	75	0	-
07/03/17	7 0703	68	88	78	0	-
07/04/17	7 0704	68	79	73.5	0.27	-
07/05/17	7 0705	70	84	77	0	-
07/06/17	7 0706	64	88	76	0	-
07/07/17	7 0707	68	88	78	0	-
07/08/17	7 0708	62	87	74.5	0	-
07/09/17	7 0709	67	90	78.5	0	-
07/10/17	7 0710	75	92	83.5	0	-
07/11/17	7 0711	76	93	84.5	0	-
07/12/17	7 0712	78	94	86	0	-

07/13/17	7 0713	71	88	79.5	0.11	-
07/14/17	7 0714	71	88	79.5	0	-
07/15/17	7 0715	70	90	80	0	-
07/16/17	7 0716	68	92	80	0	-
07/17/17	7 0717	68	92	80	0	-
07/18/17	7 0718	70	92	81	0	-
07/19/17	7 0719	73	93	83	0.18	-
07/20/17	7 0720	76	97	86.5	0	-
07/21/17	7 0721	78	98	88	0	-
07/22/17	7 0722	70	98	84	0.04	-
07/23/17	7 0723	71	92	81.5	0	-
07/24/17	7 0724	69	88	78.5	0	-
07/25/17	7 0725	71	95	83	0	-
07/26/17	7 0726	73	82	77.5	2.55	-
07/27/17	7 0727	73	86	79.5	1.96	-
07/28/17	7 0728	70	85	77.5	0	-
07/29/17	7 0729	67	82	74.5	0	-
07/30/17	7 0730	64	81	72.5	0	-
07/31/17	7 0731	63	76	69.5	0.03	-
08/01/17	8 0801	61	85	73	0	-
08/02/17	8 0802	64	88	76	0	-
08/03/17	8 0803	63	81	72	0	-
08/04/17	8 0804	52	78	65	0	-
08/05/17	8 0805	57	65	61	2.13	4.0
08/06/17	8 0806	64	75	69.5	0.02	-
08/07/17	8 0807	63	79	71	0	-
08/08/17	8 0808	62	80	71	0	-
08/09/17	8 0809	60	83	71.5	0	-
08/10/17	8 0810	68	85	76.5	0	-
08/11/17	8 0811	65	82	73.5	0.01	-
08/12/17	8 0812	62	80	71	0	-
08/13/17	8 0813	59	80	69.5	0	-
08/14/17	8 0814	65	85	75	0	-
08/15/17	8 0815	67	87	77	0	-
08/16/17	8 0816	68	86	77	0.5	-
08/17/17	8 0817	63	84	73.5	0	-
08/18/17	8 0818	62	89	75.5	0.09	-
08/19/17	8 0819	65	91	78	0	-
08/20/17	8 0820	68	87	77.5	0.76	-
08/21/17	8 0821	68	83	75.5	3.95	-
08/22/17	8 0822	58	80	69	2.19	-
08/23/17	8 0823	56	79	67.5	0	-
08/24/17	8 0824	58	79	68.5	0	-
08/25/17	8 0825	62	81	71.5	0	-
08/26/17	8 0826	62	83	72.5	0	-
08/27/17	8 0827	63	75	69	0.54	-
08/28/17	8 0828	60	80	70	0	-
08/29/17	8 0829	57	78	67.5	0	-
08/30/17	8 0830	60	82	71	0	-
08/31/17	8 0831	60	80	70	0	-
09/01/17	9 0901	61	79	70	0	-
09/02/17	9 0902	61	82	71.5	0	-
09/03/17	9 0903	64	85	74.5	0	-
09/04/17	9 0904	62	84	73	0	-
09/05/17	9 0905	51	74	62.5	0	2.5
09/06/17	9 0906	48	72	60	0	5.0
09/07/17	9 0907	46	77	61.5	0	3.5
09/08/17	9 0908	56	84	70	0	-
09/09/17	9 0909	58	84	71	0	-
09/10/17	9 0910	61	83	72	0	-
09/11/17	9 0911	57	81	69	0	-
09/12/17	9 0912	55	81	68	0	-
09/13/17	9 0913	59	85	72	0	-
09/14/17	9 0914	60	87	73.5	0	-
09/15/17	9 0915	65	88	76.5	0	-
09/16/17	9 0916	69	88	78.5	0.35	-
09/17/17	9 0917	62	76	69	0.43	-
09/18/17	9 0918	65	76	70.5	0.34	-

09/19/17	9 0919	66	86	76	1.17	-
09/20/17	9 0920	72	87	79.5	0	-
09/21/17	9 0921	76	90	83	0	-
09/22/17	9 0922	71	88	79.5	0	-
09/23/17	9 0923	68	88	78	0	-
09/24/17	9 0924	67	87	77	0	-
09/25/17	9 0925	65	86	75.5	0.01	-
09/26/17	9 0926	59	67	63	0.5	2.0
09/27/17	9 0927	56	68	62	0	3.0
09/28/17	9 0928	50	77	63.5	0	1.5
09/29/17	9 0929	50	80	65	0	-
09/30/17	9 0930	58	78	68	0	-
10/01/17	10 1001	60	76	68	0	-
10/02/17	10 1002	66	84	75	0	-
10/03/17	10 1003	66	83	74.5	0	-
10/04/17	10 1004	60	66	63	0.04	2.0
10/05/17	10 1005	60	75	67.5	0.03	-
10/06/17	10 1006	67	78	72.5	0.09	-
10/07/17	10 1007	55	74	64.5	0.48	0.5
10/08/17	10 1008	50	79	64.5	0	0.5
10/09/17	10 1009	53	77	65	0	-
10/10/17	10 1010	44	53	48.5	0.07	16.5
10/11/17	10 1011	45	62	53.5	0	11.5
10/12/17	10 1012	46	69	57.5	0	7.5
10/13/17	10 1013	59	83	71	0	-
10/14/17	10 1014	54	79	66.5	1.23	-
10/15/17	10 1015	43	61	52	0	13.0
10/16/17	10 1016	37	68	52.5	0	12.5
10/17/17	10 1017	44	72	58	0	7.0
10/18/17	10 1018	52	74	63	0	2.0
10/19/17	10 1019	47	79	63	0	2.0
10/20/17	10 1020	55	74	64.5	0	0.5
10/21/17	10 1021	51	75	63	2.52	2.0
10/22/17	10 1022	42	67	54.5	0.41	10.5
10/23/17	10 1023	42	67	54.5	0	10.5
10/24/17	10 1024	38	56	47	0	18.0
10/25/17	10 1025	35	70	52.5	0	12.5
10/26/17	10 1026	41	70	55.5	0	9.5
10/27/17	10 1027	34	44	39	0	26.0
10/28/17	10 1028	27	49	38	0	27.0
10/29/17	10 1029	26	62	44	0	21.0
10/30/17	10 1030	36	52	44	0	21.0
10/31/17	10 1031	25	38	31.5	0	33.5
11/01/17	11 1101	32	50	41	0	24.0
11/02/17	11 1102	41	52	46.5	0.01	18.5
11/03/17	11 1103	34	53	43.5	0	21.5
11/04/17	11 1104	45	51	48	0	17.0
11/05/17	11 1105	36	53	44.5	0.01	20.5
11/06/17	11 1106	30	45	37.5	0	27.5
11/07/17	11 1107	31	47	39	0	26.0
11/08/17	11 1108	27	51	39	0	26.0
11/09/17	11 1109	27	47	37	0	28.0
11/10/17	11 1110	23	38	30.5	0	34.5
11/11/17	11 1111	34	50	42	0.14	23.0
11/12/17	11 1112	36	47	41.5	0.01	23.5
11/13/17	11 1113	37	49	43	0	22.0
11/14/17	11 1114	48	55	51.5	0.02	13.5
11/15/17	11 1115	34	58	46	0.05	19.0
11/16/17	11 1116	28	52	40	0	25.0
11/17/17	11 1117	47	69	58	0	7.0
11/18/17	11 1118	33	60	46.5	0.03	18.5
11/19/17	11 1119	26	52	39	0	26.0
11/20/17	11 1120	43	62	52.5	0	12.5
11/21/17	11 1121	24	51	37.5	0	27.5
11/22/17	11 1122	16	41	28.5	0	36.5
11/23/17	11 1123	34	63	48.5	0	16.5
11/24/17	11 1124	50	72	61	0	4.0
11/25/17	11 1125	37	61	49	0	16.0

11/26/17	11 1126	36	65	50.5	0	14.5
11/27/17	11 1127	41	69	55	0	10.0
11/28/17	11 1128	46	60	53	0	12.0
11/29/17	11 1129	44	52	48	0	17.0
11/30/17	11 1130	36	58	47	0	18.0
12/01/17	12 1201	26	59	42.5	0	22.5
12/02/17	12 1202	35	62	48.5	0	16.5
12/03/17	12 1203	38	68	53	0	12.0
12/04/17	12 1204	32	72	52	0	13.0
12/05/17	12 1205	24	47	35.5	0	29.5
12/06/17	12 1206	23	46	34.5	0	30.5
12/07/17	12 1207	15	29	22	0	43.0
12/08/17	12 1208	12	41	26.5	0	38.5
12/09/17	12 1209	23	39	31	0	34.0
12/10/17	12 1210	23	56	39.5	0	25.5
12/11/17	12 1211	31	56	43.5	0	21.5
12/12/17	12 1212	18	40	29	0	36.0
12/13/17	12 1213	34	59	46.5	0	18.5
12/14/17	12 1214	32	41	36.5	0	28.5
12/15/17	12 1215	29	46	37.5	0	27.5
12/16/17	12 1216	35	59	47	0	18.0
12/17/17	12 1217	42	49	45.5	0.08	19.5
12/18/17	12 1218	33	53	43	0	22.0
12/19/17	12 1219	38	48	43	0	22.0
12/20/17	12 1220	29	44	36.5	0	28.5
12/21/17	12 1221	33	52	42.5	0	22.5
12/22/17	12 1222	25	33	29	0	36.0
12/23/17	12 1223	17	29	23	0	42.0
12/24/17	12 1224	16	25	20.5	0.05	44.5
12/25/17	12 1225	14	25	19.5	0	45.5
12/26/17	12 1226	2	14	8	0.06	57.0
12/27/17	12 1227	-5	12	3.5	0	61.5
12/28/17	12 1228	12	25	18.5	0	46.5
12/29/17	12 1229	17	30	23.5	0	41.5
12/30/17	12 1230	5	19	12	0	53.0
12/31/17	12 1231	-6	9	1.5	0	63.5
01/01/18	1 0101	-11	9	-1	0	66.0
01/02/18	1 0102	-6	21	7.5	0	57.5
01/03/18	1 0103	8	25	16.5	0	48.5
01/04/18	1 0104	2	23	12.5	0	52.5
01/05/18	1 0105	12	28	20	0	45.0
01/06/18	1 0106	11	30	20.5	0	44.5
01/07/18	1 0107	30	37	33.5	0.18	31.5
01/08/18	1 0108	25	49	37	0	28.0
01/09/18	1 0109	29	44	36.5	0	28.5
01/10/18	1 0110	38	57	47.5	0	17.5
01/11/18	1 0111	11	51	31	0.21	34.0
01/12/18	1 0112	4	18	11	0	54.0
01/13/18	1 0113	10	19	14.5	0	50.5
01/14/18	1 0114	16	33	24.5	0.14	40.5
01/15/18	1 0115	-1	33	16	0	49.0
01/16/18	1 0116	-5	8	1.5	0	63.5
01/17/18	1 0117	-4	24	10	0	55.0
01/18/18	1 0118	16	39	27.5	0	37.5
01/19/18	1 0119	30	50	40	0	25.0
01/20/18	1 0120	40	52	46	0	19.0
01/21/18	1 0121	39	64	51.5	0.39	13.5
01/22/18	1 0122	30	54	42	0.21	23.0
01/23/18	1 0123	27	35	31	0	34.0
01/24/18	1 0124	23	49	36	0	29.0
01/25/18	1 0125	37	64	50.5	0	14.5
01/26/18	1 0126	37	59	48	0	17.0
01/27/18	1 0127	26	55	40.5	0	24.5
01/28/18	1 0128	23	39	31	0	34.0
01/29/18	1 0129	12	31	21.5	0	43.5
01/30/18	1 0130	18	50	34	0	31.0
01/31/18	1 0131	34	51	42.5	0	22.5
02/01/18	2 0201	11	41	26	0	39.0

02/02/18	2 0202	7	35	21	0	44.0
02/03/18	2 0203	28	51	39.5	0	25.5
02/04/18	2 0204	3	37	20	0.08	45.0
02/05/18	2 0205	-2	20	9	0	56.0
02/06/18	2 0206	9	19	14	0	51.0
02/07/18	2 0207	10	31	20.5	0	44.5
02/08/18	2 0208	17	53	35	0	30.0
02/09/18	2 0209	16	47	31.5	0	33.5
02/10/18	2 0210	11	22	16.5	0	48.5
02/11/18	2 0211	13	33	23	0.01	42.0
02/12/18	2 0212	11	36	23.5	0	41.5
02/13/18	2 0213	25	51	38	0	27.0
02/14/18	2 0214	32	56	44	0	21.0
02/15/18	2 0215	34	64	49	0	16.0
02/16/18	2 0216	22	37	29.5	0	35.5
02/17/18	2 0217	29	53	41	0.02	24.0
02/18/18	2 0218	31	58	44.5	0	20.5
02/19/18	2 0219	29	66	47.5	0.02	17.5
02/20/18	2 0220	19	30	24.5	0.85	40.5
02/21/18	2 0221	14	27	20.5	0	44.5
02/22/18	2 0222	25	33	29	0.14	36.0
02/23/18	2 0223	32	34	33	0	32.0
02/24/18	2 0224	31	40	35.5	0.2	29.5
02/25/18	2 0225	23	51	37	0	28.0
02/26/18	2 0226	28	62	45	0	20.0
02/27/18	2 0227	39	71	55	0	10.0
02/28/18	2 0228	44	59	51.5	0	13.5
03/01/18	3 0301	31	54	42.5	0	22.5
03/02/18	3 0302	30	58	44	0	21.0
03/03/18	3 0303	38	67	52.5	0	12.5
03/04/18	3 0304	44	64	54	0	11.0
03/05/18	3 0305	40	55	47.5	0.02	17.5
03/06/18	3 0306	31	43	37	0	28.0
03/07/18	3 0307	22	40	31	0	34.0
03/08/18	3 0308	19	46	32.5	0	32.5
03/09/18	3 0309	31	58	44.5	0	20.5
03/10/18	3 0310	28	57	42.5	0	22.5
03/11/18	3 0311	33	44	38.5	0	26.5
03/12/18	3 0312	31	53	42	0	23.0
03/13/18	3 0313	24	51	37.5	0	27.5
03/14/18	3 0314	20	65	42.5	0	22.5
03/15/18	3 0315	40	76	58	0	7.0
03/16/18	3 0316	41	54	47.5	0.19	17.5
03/17/18	3 0317	36	44	40	0	25.0
03/18/18	3 0318	38	49	43.5	0.02	21.5
03/19/18	3 0319	39	49	44	0.96	21.0
03/20/18	3 0320	36	50	43	0	22.0
03/21/18	3 0321	30	54	42	0	23.0
03/22/18	3 0322	37	67	52	0	13.0
03/23/18	3 0323	43	58	50.5	0	14.5
03/24/18	3 0324	35	49	42	0.02	23.0
03/25/18	3 0325	33	44	38.5	0	26.5
03/26/18	3 0326	41	51	46	0.44	19.0
03/27/18	3 0327	39	46	42.5	0	22.5
03/28/18	3 0328	38	51	44.5	0	20.5
03/29/18	3 0329	35	44	39.5	0	25.5
03/30/18	3 0330	27	58	42.5	0	22.5
03/31/18	3 0331	32	62	47	0	18.0
04/01/18	4 0401	22	33	27.5	0.21	37.5
04/02/18	4 0402	21	34	27.5	0.01	37.5
04/03/18	4 0403	24	40	32	0.08	33.0
04/04/18	4 0404	17	45	31	0	34.0
04/05/18	4 0405	34	67	50.5	0	14.5
04/06/18	4 0406	23	44	33.5	0	31.5
04/07/18	4 0407	16	44	30	0	35.0
04/08/18	4 0408	30	38	34	0.12	31.0
04/09/18	4 0409	29	42	35.5	0	29.5
04/10/18	4 0410	26	61	43.5	0	21.5

04/11/18	4 0411	47	80	63.5	0	1.5
04/12/18	4 0412	55	82	68.5	0	-
04/13/18	4 0413	51	83	67	0.13	-
04/14/18	4 0414	30	52	41	0.03	24.0
04/15/18	4 0415	26	31	28.5	0	36.5
04/16/18	4 0416	26	51	38.5	0	26.5
04/17/18	4 0417	33	65	49	0	16.0
04/18/18	4 0418	35	53	44	0	21.0
04/19/18	4 0419	28	59	43.5	0	21.5
04/20/18	4 0420	37	63	50	0	15.0
04/21/18	4 0421	48	64	56	0	9.0
04/22/18	4 0422	47	67	57	0.01	8.0
04/23/18	4 0423	52	75	63.5	0	1.5
04/24/18	4 0424	46	78	62	0	3.0
04/25/18	4 0425	43	57	50	0.45	15.0
04/26/18	4 0426	36	69	52.5	0	12.5
04/27/18	4 0427	42	75	58.5	0	6.5
04/28/18	4 0428	41	68	54.5	0	10.5
04/29/18	4 0429	45	72	58.5	0	6.5
04/30/18	4 0430	57	82	69.5	0	-
05/01/18	5 0501	63	78	70.5	0.06	-
05/02/18	5 0502	62	81	71.5	2.23	-
05/03/18	5 0503	57	80	68.5	0.05	-
05/04/18	5 0504	55	78	66.5	0	-
05/05/18	5 0505	54	84	69	0	-
05/06/18	5 0506	55	85	70	0	-
05/07/18	5 0507	58	83	70.5	0	-
05/08/18	5 0508	64	86	75	0.01	-
05/09/18	5 0509	62	85	73.5	0	-
05/10/18	5 0510	59	87	73	0	-
05/11/18	5 0511	64	84	74	0.07	-
05/12/18	5 0512	69	84	76.5	0	-
05/13/18	5 0513	69	90	79.5	0	-
05/14/18	5 0514	65	86	75.5	0.02	-
05/15/18	5 0515	65	79	72	0	-
05/16/18	5 0516	59	81	70	1.73	-
05/17/18	5 0517	60	83	71.5	0	-
05/18/18	5 0518	58	85	71.5	0	-
05/19/18	5 0519	64	81	72.5	0.06	-
05/20/18	5 0520	61	71	66	0.28	-
05/21/18	5 0521	59	72	65.5	0	-
05/22/18	5 0522	56	85	70.5	0	-
05/23/18	5 0523	66	88	77	0	-
05/24/18	5 0524	64	85	74.5	0.11	-
05/25/18	5 0525	66	85	75.5	0.45	-
05/26/18	5 0526	68	93	80.5	0	-
05/27/18	5 0527	69	93	81	0	-
05/28/18	5 0528	70	94	82	0	-
05/29/18	5 0529	64	91	77.5	0	-
05/30/18	5 0530	61	86	73.5	0.4	-
05/31/18	5 0531	68	91	79.5	0	-
06/01/18	6 0601	67	91	79	0	-
06/02/18	6 0602	62	82	72	0.46	-
06/03/18	6 0603	57	82	69.5	0	-
06/04/18	6 0604	61	76	68.5	0	-
06/05/18	6 0605	56	86	71	0	-
06/06/18	6 0606	64	90	77	0	-
06/07/18	6 0607	66	88	77	0	-
06/08/18	6 0608	66	92	79	0	-
06/09/18	6 0609	70	91	80.5	0.01	-
06/10/18	6 0610	75	94	84.5	0	-
06/11/18	6 0611	68	95	81.5	0.38	-
06/12/18	6 0612	68	86	77	0.1	-
06/13/18	6 0613	71	83	77	0	-
06/14/18	6 0614	71	96	83.5	0	-
06/15/18	6 0615	75	95	85	0	-
06/16/18	6 0616	73	95	84	0	-
06/17/18	6 0617	74	95	84.5	0	-

06/18/18	6 0618	73	94	83.5	0	-
06/19/18	6 0619	68	83	75.5	0.96	-
06/20/18	6 0620	65	83	74	0.28	-
06/21/18	6 0621	62	70	66	0.3	-
06/22/18	6 0622	62	72	67	0	-
06/23/18	6 0623	61	83	72	0	-
06/24/18	6 0624	67	85	76	0.05	-
06/25/18	6 0625	68	84	76	0.13	-
06/26/18	6 0626	67	87	77	0.15	-
06/27/18	6 0627	68	90	79	0	-
06/28/18	6 0628	76	99	87.5	0	-
06/29/18	6 0629	77	97	87	0	-
06/30/18	6 0630	72	96	84	0.89	-
07/01/18	7 0701	71	84	77.5	0.06	-
07/02/18	7 0702	65	87	76	0	-
07/03/18	7 0703	72	94	83	0	-
07/04/18	7 0704	73	93	83	0	-
07/05/18	7 0705	73	91	82	0	-
07/06/18	7 0706	74	92	83	0	-
07/07/18	7 0707	69	87	78	0	-
07/08/18	7 0708	62	91	76.5	0	-
07/09/18	7 0709	67	95	81	0	-
07/10/18	7 0710	71	96	83.5	0	-
07/11/18	7 0711	76	99	87.5	0	-
07/12/18	7 0712	76	100	88	0	-
07/13/18	7 0713	73	99	86	0	-
07/14/18	7 0714	72	89	80.5	0.02	-
07/15/18	7 0715	69	94	81.5	0	-
07/16/18	7 0716	72	95	83.5	0	-
07/17/18	7 0717	72	81	76.5	1.12	-
07/18/18	7 0718	69	85	77	3.29	-
07/19/18	7 0719	69	96	82.5	0	-
07/20/18	7 0720	68	89	78.5	0	-
07/21/18	7 0721	67	89	78	0	-
07/22/18	7 0722	65	88	76.5	0	-
07/23/18	7 0723	64	85	74.5	0	-
07/24/18	7 0724	67	89	78	0	-
07/25/18	7 0725	64	90	77	0	-
07/26/18	7 0726	67	82	74.5	0.01	-
07/27/18	7 0727	63	85	74	0	-
07/28/18	7 0728	68	84	76	0.03	-
07/29/18	7 0729	66	76	71	0.62	-
07/30/18	7 0730	61	80	70.5	0.14	-
07/31/18	7 0731	59	85	72	0	-
08/01/18	8 0801	60	88	74	0	-
08/02/18	8 0802	63	93	78	0	-
08/03/18	8 0803	64	93	78.5	0	-
08/04/18	8 0804	67	91	79	0.02	-
08/05/18	8 0805	73	97	85	0	-
08/06/18	8 0806	73	95	84	0	-
08/07/18	8 0807	68	86	77	0.48	-
08/08/18	8 0808	67	90	78.5	0	-
08/09/18	8 0809	67	94	80.5	0	-
08/10/18	8 0810	67	90	78.5	0	-
08/11/18	8 0811	65	90	77.5	0	-
08/12/18	8 0812	68	91	79.5	0	-
08/13/18	8 0813	68	92	80	0.25	-
08/14/18	8 0814	70	83	76.5	0.46	-
08/15/18	8 0815	70	86	78	0	-
08/16/18	8 0816	69	90	79.5	0.08	-
08/17/18	8 0817	66	87	76.5	0	-
08/18/18	8 0818	66	90	78	0	-
08/19/18	8 0819	70	79	74.5	1.65	-
08/20/18	8 0820	67	73	70	0.14	-
08/21/18	8 0821	62	81	71.5	0	-
08/22/18	8 0822	60	78	69	0	-
08/23/18	8 0823	59	75	67	0.6	-
08/24/18	8 0824	68	89	78.5	0	-

08/25/18	8 0825	75	93	84	0	-
08/26/18	8 0826	77	90	83.5	0	-
08/27/18	8 0827	74	91	82.5	0.32	-
08/28/18	8 0828	67	92	79.5	0	-
08/29/18	8 0829	60	77	68.5	0.37	-
08/30/18	8 0830	68	78	73	0.09	-
08/31/18	8 0831	68	87	77.5	0	-
09/01/18	9 0901	74	90	82	0	-
09/02/18	9 0902	73	87	80	0	-
09/03/18	9 0903	74	88	81	0	-
09/04/18	9 0904	72	84	78	0.03	-
09/05/18	9 0905	70	75	72.5	0.67	-
09/06/18	9 0906	69	74	71.5	0.01	-
09/07/18	9 0907	64	70	67	0.16	-
09/08/18	9 0908	56	70	63	0.01	2.0
09/09/18	9 0909	52	76	64	0	1.0
09/10/18	9 0910	55	80	67.5	0	-
09/11/18	9 0911	59	81	70	0	-
09/12/18	9 0912	59	80	69.5	0	-
09/13/18	9 0913	64	83	73.5	0	-
09/14/18	9 0914	67	89	78	0	-
09/15/18	9 0915	69	91	80	0	-
09/16/18	9 0916	67	89	78	0	-
09/17/18	9 0917	68	90	79	0	-
09/18/18	9 0918	70	94	82	0	-
09/19/18	9 0919	70	94	82	0	-
09/20/18	9 0920	70	94	82	0	-
09/21/18	9 0921	54	70	62	0.31	3.0
09/22/18	9 0922	46	73	59.5	0	5.5
09/23/18	9 0923	50	79	64.5	0	0.5
09/24/18	9 0924	60	77	68.5	0	-
09/25/18	9 0925	50	79	64.5	0	0.5
09/26/18	9 0926	42	69	55.5	0	9.5
09/27/18	9 0927	40	73	56.5	0	8.5
09/28/18	9 0928	47	65	56	0	9.0
09/29/18	9 0929	46	69	57.5	0.11	7.5
09/30/18	9 0930	68	75	71.5	0	-
10/01/18	10 1001	61	81	71	0	-
10/02/18	10 1002	58	88	73	0	-
10/03/18	10 1003	65	91	78	0.17	-
10/04/18	10 1004	48	65	56.5	0	8.5
10/05/18	10 1005	53	78	65.5	0.01	-
10/06/18	10 1006	51	66	58.5	1.41	6.5
10/07/18	10 1007	51	67	59	3.58	6.0
10/08/18	10 1008	65	80	72.5	2.41	-
10/09/18	10 1009	64	73	68.5	2.39	-
10/10/18	10 1010	44	64	54	0.08	11.0
10/11/18	10 1011	38	54	46	0	19.0
10/12/18	10 1012	43	47	45	0.28	20.0
10/13/18	10 1013	38	56	47	0	18.0
10/14/18	10 1014	33	52	42.5	0.36	22.5
10/15/18	10 1015	30	47	38.5	0	26.5
10/16/18	10 1016	26	63	44.5	0	20.5
10/17/18	10 1017	38	68	53	0	12.0
10/18/18	10 1018	39	66	52.5	0	12.5
10/19/18	10 1019	51	66	58.5	0	6.5
10/20/18	10 1020	39	64	51.5	0	13.5
10/21/18	10 1021	29	64	46.5	0	18.5
10/22/18	10 1022	44	71	57.5	0	7.5
10/23/18	10 1023	43	65	54	0	11.0
10/24/18	10 1024	40	62	51	0	14.0
10/25/18	10 1025	46	51	48.5	0.07	16.5
10/26/18	10 1026	43	58	50.5	0	14.5
10/27/18	10 1027	40	72	56	0	9.0
10/28/18	10 1028	44	66	55	0	10.0
10/29/18	10 1029	40	72	56	0	9.0
10/30/18	10 1030	52	65	58.5	0	6.5
10/31/18	10 1031	44	58	51	0	14.0

11/01/18	11 1101	40	60	50	0	15.0
11/02/18	11 1102	40	53	46.5	0	18.5
11/03/18	11 1103	41	60	50.5	0.17	14.5
11/04/18	11 1104	34	51	42.5	0.06	22.5
11/05/18	11 1105	37	51	44	0.29	21.0
11/06/18	11 1106	32	51	41.5	0.01	23.5
11/07/18	11 1107	31	46	38.5	0	26.5
11/08/18	11 1108	27	36	31.5	0.14	33.5
11/09/18	11 1109	13	34	23.5	0	41.5
11/10/18	11 1110	9	36	22.5	0	42.5
11/11/18	11 1111	25	48	36.5	0	28.5
11/12/18	11 1112	17	32	24.5	0.04	40.5
11/13/18	11 1113	12	33	22.5	0	42.5
11/14/18	11 1114	15	39	27	0	38.0
11/15/18	11 1115	18	50	34	0	31.0
11/16/18	11 1116	30	57	43.5	0	21.5
11/17/18	11 1117	27	44	35.5	0	29.5
11/18/18	11 1118	23	34	28.5	0.01	36.5
11/19/18	11 1119	20	42	31	0	34.0
11/20/18	11 1120	18	45	31.5	0	33.5
11/21/18	11 1121	31	61	46	0	19.0
11/22/18	11 1122	39	63	51	0	14.0
11/23/18	11 1123	41	51	46	0	19.0
11/24/18	11 1124	33	61	47	0	18.0
11/25/18	11 1125	21	50	35.5	0.66	29.5
11/26/18	11 1126	16	27	21.5	0	43.5
11/27/18	11 1127	12	26	19	0	46.0
11/28/18	11 1128	19	36	27.5	0	37.5
11/29/18	11 1129	24	45	34.5	0	30.5
11/30/18	11 1130	27	41	34	0.19	31.0
12/01/18	12 1201	35	52	43.5	0.96	21.5
12/02/18	12 1202	30	36	33	0.04	32.0
12/03/18	12 1203	27	30	28.5	0.02	36.5
12/04/18	12 1204	25	29	27	0	38.0
12/05/18	12 1205	23	45	34	0	31.0
12/06/18	12 1206	18	39	28.5	0.01	36.5
12/07/18	12 1207	17	31	24	0	41.0
12/08/18	12 1208	19	35	27	0	38.0
12/09/18	12 1209	14	38	26	0	39.0
12/10/18	12 1210	16	43	29.5	0	35.5
12/11/18	12 1211	24	55	39.5	0	25.5
12/12/18	12 1212	23	51	37	0	28.0
12/13/18	12 1213	34	44	39	0	26.0
12/14/18	12 1214	29	46	37.5	0	27.5
12/15/18	12 1215	24	55	39.5	0	25.5
12/16/18	12 1216	26	56	41	0	24.0
12/17/18	12 1217	27	54	40.5	0	24.5
12/18/18	12 1218	29	58	43.5	0	21.5
12/19/18	12 1219	41	49	45	0.02	20.0
12/20/18	12 1220	31	41	36	0	29.0
12/21/18	12 1221	26	45	35.5	0	29.5
12/22/18	12 1222	30	47	38.5	0	26.5
12/23/18	12 1223	27	48	37.5	0	27.5
12/24/18	12 1224	26	47	36.5	0.02	28.5
12/25/18	12 1225	35	51	43	0	22.0
12/26/18	12 1226	38	50	44	0.91	21.0
12/27/18	12 1227	25	56	40.5	0.28	24.5
12/28/18	12 1228	17	26	21.5	0	43.5
12/29/18	12 1229	15	26	20.5	0	44.5
12/30/18	12 1230	19	44	31.5	0	33.5
12/31/18	12 1231	22	38	30	0.8	35.0
01/01/19	1 0101	17	23	20	0	45.0
01/02/19	1 0102	18	33	25.5	0	39.5
01/03/19	1 0103	19	47	33	0	32.0
01/04/19	1 0104	23	54	38.5	0	26.5
01/05/19	1 0105	29	58	43.5	0	21.5
01/06/19	1 0106	40	59	49.5	0	15.5
01/07/19	1 0107	38	61	49.5	0.05	15.5

01/08/19	1 0108	32	51	41.5	0	23.5
01/09/19	1 0109	22	38	30	0	35.0
01/10/19	1 0110	19	39	29	0	36.0
01/11/19	1 0111	32	39	35.5	0.61	29.5
01/12/19	1 0112	29	32	30.5	0.24	34.5
01/13/19	1 0113	28	30	29	0	36.0
01/14/19	1 0114	26	30	28	0	37.0
01/15/19	1 0115	30	33	31.5	0	33.5
01/16/19	1 0116	30	32	31	0.05	34.0
01/17/19	1 0117	31	33	32	0.01	33.0
01/18/19	1 0118	25	35	30	0.27	35.0
01/19/19	1 0119	8	25	16.5	0.01	48.5
01/20/19	1 0120	6	19	12.5	0	52.5
01/21/19	1 0121	15	34	24.5	0	40.5
01/22/19	1 0122	22	39	30.5	0.47	34.5
01/23/19	1 0123	13	26	19.5	0.01	45.5
01/24/19	1 0124	7	28	17.5	0	47.5
01/25/19	1 0125	-1	34	16.5	0	48.5
01/26/19	1 0126	21	40	30.5	0	34.5
01/27/19	1 0127	22	44	33	0	32.0
01/28/19	1 0128	14	44	29	0.04	36.0
01/29/19	1 0129	5	27	16	0	49.0
01/30/19	1 0130	-6	5	-0.5	0.02	65.5
01/31/19	1 0131	2	34	18	0	47.0
02/01/19	2 0201	17	51	34	0	31.0
02/02/19	2 0202	34	55	44.5	0	20.5
02/03/19	2 0203	53	64	58.5	0	6.5
02/04/19	2 0204	20	59	39.5	0	25.5
02/05/19	2 0205	19	24	21.5	0	43.5
02/06/19	2 0206	20	24	22	0.01	43.0
02/07/19	2 0207	9	24	16.5	0.21	48.5
02/08/19	2 0208	4	21	12.5	0	52.5
02/09/19	2 0209	11	29	20	0	45.0
02/10/19	2 0210	28	35	31.5	0.02	33.5
02/11/19	2 0211	31	33	32	0.42	33.0
02/12/19	2 0212	27	35	31	0	34.0
02/13/19	2 0213	23	52	37.5	0	27.5
02/14/19	2 0214	17	53	35	0	30.0
02/15/19	2 0215	12	17	14.5	0.33	50.5
02/16/19	2 0216	14	25	19.5	0.05	45.5
02/17/19	2 0217	17	26	21.5	0.01	43.5
02/18/19	2 0218	9	27	18	0	47.0
02/19/19	2 0219	16	29	22.5	0.35	42.5
02/20/19	2 0220	25	36	30.5	0.03	34.5
02/21/19	2 0221	19	39	29	0	36.0
02/22/19	2 0222	28	36	32	0.03	33.0
02/23/19	2 0223	29	43	36	0.67	29.0
02/24/19	2 0224	15	29	22	0	43.0
02/25/19	2 0225	13	35	24	0	41.0
02/26/19	2 0226	19	34	26.5	0.01	38.5
02/27/19	2 0227	13	27	20	0	45.0
02/28/19	2 0228	13	29	21	0	44.0
03/01/19	3 0301	18	37	27.5	0	37.5
03/02/19	3 0302	19	29	24	0	41.0
03/03/19	3 0303	2	19	10.5	0.14	54.5
03/04/19	3 0304	-2	17	7.5	0	57.5
03/05/19	3 0305	10	24	17	0	48.0
03/06/19	3 0306	7	36	21.5	0	43.5
03/07/19	3 0307	31	38	34.5	0	30.5
03/08/19	3 0308	32	43	37.5	0	27.5
03/09/19	3 0309	32	59	45.5	0.49	19.5
03/10/19	3 0310	29	44	36.5	0	28.5
03/11/19	3 0311	26	53	39.5	0	25.5
03/12/19	3 0312	40	53	46.5	0.45	18.5
03/13/19	3 0313	51	62	56.5	0.24	8.5
03/14/19	3 0314	36	58	47	0.01	18.0
03/15/19	3 0315	32	50	41	0	24.0
03/16/19	3 0316	25	60	42.5	0	22.5

03/17/19	3 0317	28	54	41	0	24.0
03/18/19	3 0318	34	54	44	0	21.0
03/19/19	3 0319	39	61	50	0.22	15.0
03/20/19	3 0320	41	58	49.5	0	15.5
03/21/19	3 0321	32	57	44.5	0	20.5
03/22/19	3 0322	37	66	51.5	0	13.5
03/23/19	3 0323	47	59	53	0	12.0
03/24/19	3 0324	47	57	52	0.03	13.0
03/25/19	3 0325	39	55	47	0	18.0
03/26/19	3 0326	36	62	49	0	16.0
03/27/19	3 0327	45	73	59	0	6.0
03/28/19	3 0328	49	61	55	0.87	10.0
03/29/19	3 0329	41	49	45	0.57	20.0
03/30/19	3 0330	30	42	36	0.27	29.0
03/31/19	3 0331	24	46	35	0	30.0
04/01/19	4 0401	28	56	42	0	23.0
04/02/19	4 0402	34	56	45	0	20.0
04/03/19	4 0403	47	67	57	0	8.0
04/04/19	4 0404	46	55	50.5	0.32	14.5
04/05/19	4 0405	43	64	53.5	0	11.5
04/06/19	4 0406	48	77	62.5	0.49	2.5
04/07/19	4 0407	56	73	64.5	0.01	0.5
04/08/19	4 0408	47	78	62.5	0	2.5
04/09/19	4 0409	52	76	64	0	1.0
04/10/19	4 0410	56	84	70	0	-
04/11/19	4 0411	36	74	55	0	10.0
04/12/19	4 0412	31	55	43	0	22.0
04/13/19	4 0413	28	56	42	0	23.0
04/14/19	4 0414	37	57	47	0	18.0
04/15/19	4 0415	42	78	60	0	5.0
04/16/19	4 0416	46	82	64	0	1.0
04/17/19	4 0417	52	74	63	0.03	2.0
04/18/19	4 0418	47	62	54.5	0.24	10.5
04/19/19	4 0419	42	64	53	0	12.0
04/20/19	4 0420	37	74	55.5	0	9.5
04/21/19	4 0421	58	85	71.5	0	-
04/22/19	4 0422	51	77	64	0.01	1.0
04/23/19	4 0423	50	56	53	0	12.0
04/24/19	4 0424	50	67	58.5	0	6.5
04/25/19	4 0425	45	73	59	0	6.0
04/26/19	4 0426	46	71	58.5	0	6.5
04/27/19	4 0427	42	76	59	0	6.0
04/28/19	4 0428	38	55	46.5	0.27	18.5
04/29/19	4 0429	50	63	56.5	0.59	8.5
04/30/19	4 0430	51	59	55	2.13	10.0
05/01/19	5 0501	53	63	58	0.09	7.0
05/02/19	5 0502	49	61	55	0.23	10.0
05/03/19	5 0503	48	61	54.5	0.04	10.5
05/04/19	5 0504	44	71	57.5	0	7.5
05/05/19	5 0505	48	76	62	0	3.0
05/06/19	5 0506	52	78	65	0.79	-
05/07/19	5 0507	58	65	61.5	0.68	3.5
05/08/19	5 0508	51	74	62.5	0.64	2.5
05/09/19	5 0509	42	51	46.5	0.01	18.5
05/10/19	5 0510	36	62	49	0	16.0
05/11/19	5 0511	45	56	50.5	0.09	14.5
05/12/19	5 0512	45	61	53	0.53	12.0
05/13/19	5 0513	43	69	56	0	9.0
05/14/19	5 0514	52	82	67	0	-
05/15/19	5 0515	62	82	72	0	-
05/16/19	5 0516	66	89	77.5	0	-
05/17/19	5 0517	69	84	76.5	0	-
05/18/19	5 0518	63	73	68	2.02	-
05/19/19	5 0519	50	66	58	0.07	7.0
05/20/19	5 0520	46	64	55	1.72	10.0
05/21/19	5 0521	48	67	57.5	1.58	7.5
05/22/19	5 0522	54	73	63.5	0	1.5
05/23/19	5 0523	50	75	62.5	0	2.5

05/24/19	5 0524	65	82	73.5	0.71	-
05/25/19	5 0525	64	80	72	1.32	-
05/26/19	5 0526	64	81	72.5	0.02	-
05/27/19	5 0527	65	83	74	0.22	-
05/28/19	5 0528	65	78	71.5	1.56	-
05/29/19	5 0529	57	71	64	0	1.0
05/30/19	5 0530	54	77	65.5	0.01	-
05/31/19	5 0531	56	80	68	0	-
06/01/19	6 0601	59	88	73.5	0	-
06/02/19	6 0602	58	79	68.5	0	-
06/03/19	6 0603	60	83	71.5	0	-
06/04/19	6 0604	67	84	75.5	0	-
06/05/19	6 0605	70	89	79.5	0	-
06/06/19	6 0606	67	82	74.5	0.06	-
06/07/19	6 0607	66	88	77	0	-
06/08/19	6 0608	66	87	76.5	0	-
06/09/19	6 0609	62	78	70	0	-
06/10/19	6 0610	54	78	66	0	-
06/11/19	6 0611	51	79	65	0.06	-
06/12/19	6 0612	55	74	64.5	0.51	0.5
06/13/19	6 0613	51	78	64.5	0	0.5
06/14/19	6 0614	61	81	71	0.03	-
06/15/19	6 0615	69	86	77.5	1.1	-
06/16/19	6 0616	68	87	77.5	0	-
06/17/19	6 0617	67	82	74.5	0	-
06/18/19	6 0618	62	79	70.5	0.17	-
06/19/19	6 0619	66	76	71	0.15	-
06/20/19	6 0620	60	86	73	0	-
06/21/19	6 0621	65	80	72.5	2.02	-
06/22/19	6 0622	66	89	77.5	2.68	-
06/23/19	6 0623	64	74	69	0.86	-
06/24/19	6 0624	62	79	70.5	0	-
06/25/19	6 0625	64	87	75.5	0	-
06/26/19	6 0626	64	85	74.5	0	-
06/27/19	6 0627	72	90	81	0	-
06/28/19	6 0628	75	92	83.5	0	-
06/29/19	6 0629	76	93	84.5	0	-
06/30/19	6 0630	72	91	81.5	0	-
07/01/19	7 0701	69	90	79.5	0	-
07/02/19	7 0702	70	90	80	0	-
07/03/19	7 0703	69	88	78.5	0	-
07/04/19	7 0704	68	80	74	0.12	-
07/05/19	7 0705	71	85	78	0.89	-
07/06/19	7 0706	69	86	77.5	0	-
07/07/19	7 0707	73	88	80.5	0	-
07/08/19	7 0708	73	88	80.5	0	-
07/09/19	7 0709	71	91	81	1.09	-
07/10/19	7 0710	68	85	76.5	0.36	-
07/11/19	7 0711	65	85	75	0	-
07/12/19	7 0712	65	87	76	0	-
07/13/19	7 0713	67	89	78	0	-
07/14/19	7 0714	69	91	80	0	-
07/15/19	7 0715	67	84	75.5	0	-
07/16/19	7 0716	65	90	77.5	0	-
07/17/19	7 0717	73	96	84.5	0	-
07/18/19	7 0718	78	96	87	0	-
07/19/19	7 0719	79	97	88	0	-
07/20/19	7 0720	76	97	86.5	0	-
07/21/19	7 0721	70	83	76.5	0.68	-
07/22/19	7 0722	62	82	72	0	-
07/23/19	7 0723	58	81	69.5	0	-
07/24/19	7 0724	59	83	71	0	-
07/25/19	7 0725	60	84	72	0	-
07/26/19	7 0726	62	88	75	0	-
07/27/19	7 0727	65	89	77	0	-
07/28/19	7 0728	68	91	79.5	0.22	-
07/29/19	7 0729	66	88	77	0	-
07/30/19	7 0730	63	86	74.5	0	-

07/31/19	7 0731	68	81	74.5	0.11	-
08/01/19	8 0801	68	86	77	0.02	-
08/02/19	8 0802	69	82	75.5	0	-
08/03/19	8 0803	70	87	78.5	0	-
08/04/19	8 0804	67	90	78.5	0	-
08/05/19	8 0805	67	89	78	0	-
08/06/19	8 0806	71	91	81	0	-
08/07/19	8 0807	68	84	76	0.36	-
08/08/19	8 0808	65	86	75.5	0	-
08/09/19	8 0809	67	89	78	0	-
08/10/19	8 0810	71	92	81.5	0	-
08/11/19	8 0811	73	87	80	0.13	-
08/12/19	8 0812	71	94	82.5	0.04	-
08/13/19	8 0813	68	92	80	0	-
08/14/19	8 0814	66	85	75.5	0	-
08/15/19	8 0815	60	81	70.5	0.14	-
08/16/19	8 0816	67	82	74.5	0.93	-
08/17/19	8 0817	66	87	76.5	0.72	-
08/18/19	8 0818	70	88	79	0.52	-
08/19/19	8 0819	70	93	81.5	0	-
08/20/19	8 0820	78	92	85	0	-
08/21/19	8 0821	70	81	75.5	0.09	-
08/22/19	8 0822	70	81	75.5	0.03	-
08/23/19	8 0823	68	83	75.5	0	-
08/24/19	8 0824	66	77	71.5	0	-
08/25/19	8 0825	66	70	68	0.97	-
08/26/19	8 0826	65	78	71.5	1.4	-
08/27/19	8 0827	62	81	71.5	0	-
08/28/19	8 0828	56	81	68.5	0	-
08/29/19	8 0829	61	89	75	1.28	-
08/30/19	8 0830	63	77	70	1.02	-
08/31/19	8 0831	59	76	67.5	0	-
09/01/19	9 0901	63	78	70.5	0	-
09/02/19	9 0902	63	86	74.5	0	-
09/03/19	9 0903	71	91	81	0	-
09/04/19	9 0904	66	81	73.5	0	-
09/05/19	9 0905	65	89	77	0	-
09/06/19	9 0906	66	84	75	0	-
09/07/19	9 0907	64	83	73.5	0	-
09/08/19	9 0908	66	82	74	0.47	-
09/09/19	9 0909	69	89	79	0	-
09/10/19	9 0910	74	87	80.5	0	-
09/11/19	9 0911	72	89	80.5	0	-
09/12/19	9 0912	68	83	75.5	0.87	-
09/13/19	9 0913	59	78	68.5	0	-
09/14/19	9 0914	60	85	72.5	0	-
09/15/19	9 0915	73	90	81.5	0	-
09/16/19	9 0916	69	89	79	0	-
09/17/19	9 0917	69	89	79	0	-
09/18/19	9 0918	70	91	80.5	0	-
09/19/19	9 0919	69	90	79.5	0	-
09/20/19	9 0920	69	85	77	0.01	-
09/21/19	9 0921	71	76	73.5	0.24	-
09/22/19	9 0922	57	79	68	0.91	-
09/23/19	9 0923	54	79	66.5	0	-
09/24/19	9 0924	56	81	68.5	0	-
09/25/19	9 0925	60	83	71.5	0	-
09/26/19	9 0926	55	75	65	0	-
09/27/19	9 0927	66	89	77.5	0.73	-
09/28/19	9 0928	59	71	65	2.41	-
09/29/19	9 0929	67	86	76.5	0.28	-
09/30/19	9 0930	74	87	80.5	0	-
10/01/19	10 1001	73	88	80.5	0	-
10/02/19	10 1002	56	85	70.5	0.65	-
10/03/19	10 1003	50	58	54	0	11.0
10/04/19	10 1004	49	59	54	0.05	11.0
10/05/19	10 1005	50	73	61.5	0.34	3.5
10/06/19	10 1006	46	67	56.5	0	8.5

10/07/19	10 1007	43	71	57	0	8.0
10/08/19	10 1008	43	71	57	0	8.0
10/09/19	10 1009	54	63	58.5	0.04	6.5
10/10/19	10 1010	41	71	56	0.03	9.0
10/11/19	10 1011	33	49	41	0	24.0
10/12/19	10 1012	29	67	48	0	17.0
10/13/19	10 1013	35	63	49	0	16.0
10/14/19	10 1014	37	72	54.5	0	10.5
10/15/19	10 1015	41	65	53	0	12.0
10/16/19	10 1016	38	57	47.5	0	17.5
10/17/19	10 1017	37	67	52	0	13.0
10/18/19	10 1018	50	72	61	0	4.0
10/19/19	10 1019	49	67	58	0.18	7.0
10/20/19	10 1020	42	66	54	0.06	11.0
10/21/19	10 1021	44	57	50.5	0.11	14.5
10/22/19	10 1022	40	59	49.5	0	15.5
10/23/19	10 1023	42	69	55.5	0	9.5
10/24/19	10 1024	38	46	42	0	23.0
10/25/19	10 1025	35	55	45	0	20.0
10/26/19	10 1026	33	61	47	0	18.0
10/27/19	10 1027	38	57	47.5	0	17.5
10/28/19	10 1028	32	43	37.5	0.15	27.5
10/29/19	10 1029	32	35	33.5	0	31.5
10/30/19	10 1030	28	35	31.5	0.1	33.5
10/31/19	10 1031	21	41	31	0.02	34.0
11/01/19	11 1101	29	55	42	0	23.0
11/02/19	11 1102	31	52	41.5	0	23.5
11/03/19	11 1103	36	63	49.5	0	15.5
11/04/19	11 1104	43	52	47.5	0	17.5
11/05/19	11 1105	35	55	45	0	20.0
11/06/19	11 1106	34	66	50	0	15.0
11/07/19	11 1107	22	38	30	0	35.0
11/08/19	11 1108	17	45	31	0	34.0
11/09/19	11 1109	35	65	50	0	15.0
11/10/19	11 1110	35	59	47	0	18.0
11/11/19	11 1111	11	35	23	0.05	42.0
11/12/19	11 1112	8	27	17.5	0	47.5
11/13/19	11 1113	22	40	31	0	34.0
11/14/19	11 1114	29	47	38	0	27.0
11/15/19	11 1115	25	56	40.5	0	24.5
11/16/19	11 1116	32	58	45	0	20.0
11/17/19	11 1117	33	52	42.5	0	22.5
11/18/19	11 1118	30	60	45	0	20.0
11/19/19	11 1119	40	63	51.5	0	13.5
11/20/19	11 1120	43	68	55.5	0.12	9.5
11/21/19	11 1121	36	59	47.5	0.17	17.5
11/22/19	11 1122	28	36	32	0	33.0
11/23/19	11 1123	31	46	38.5	0	26.5
11/24/19	11 1124	30	62	46	0	19.0
11/25/19	11 1125	36	59	47.5	0	17.5
11/26/19	11 1126	37	43	40	0.06	25.0
11/27/19	11 1127	27	43	35	0	30.0
11/28/19	11 1128	28	34	31	0.14	34.0
11/29/19	11 1129	33	40	36.5	0.38	28.5
11/30/19	11 1130	36	57	46.5	0.01	18.5
12/01/19	12 1201	30	37	33.5	0	31.5
12/02/19	12 1202	22	42	32	0	33.0
12/03/19	12 1203	30	57	43.5	0	21.5
12/04/19	12 1204	32	59	45.5	0	19.5
12/05/19	12 1205	35	61	48	0	17.0
12/06/19	12 1206	27	46	36.5	0	28.5
12/07/19	12 1207	21	51	36	0	29.0
12/08/19	12 1208	38	51	44.5	0	20.5
12/09/19	12 1209	16	49	32.5	0	32.5
12/10/19	12 1210	14	34	24	0	41.0
12/11/19	12 1211	19	46	32.5	0	32.5
12/12/19	12 1212	35	51	43	0	22.0
12/13/19	12 1213	31	54	42.5	0	22.5

12/14/19	12 1214	22	37	29.5	0	35.5
12/15/19	12 1215	22	25	23.5	0.23	41.5
12/16/19	12 1216	16	26	21	0	44.0
12/17/19	12 1217	20	31	25.5	0	39.5
12/18/19	12 1218	15	38	26.5	0	38.5
12/19/19	12 1219	31	51	41	0	24.0
12/20/19	12 1220	32	49	40.5	0	24.5
12/21/19	12 1221	29	53	41	0	24.0
12/22/19	12 1222	29	52	40.5	0	24.5
12/23/19	12 1223	29	58	43.5	0	21.5
12/24/19	12 1224	44	65	54.5	0	10.5
12/25/19	12 1225	50	66	58	0	7.0
12/26/19	12 1226	31	59	45	0	20.0
12/27/19	12 1227	25	44	34.5	0	30.5
12/28/19	12 1228	40	58	49	1.5	16.0
12/29/19	12 1229	30	53	41.5	0	23.5
12/30/19	12 1230	30	33	31.5	0	33.5
12/31/19	12 1231	26	43	34.5	0	30.5
01/01/20	1 0101	22	58	40	0	25.0
01/02/20	1 0102	38	52	45	0	20.0
01/03/20	1 0103	30	48	39	0	26.0
01/04/20	1 0104	25	44	34.5	0	30.5
01/05/20	1 0105	33	53	43	0	22.0
01/06/20	1 0106	25	44	34.5	0	30.5
01/07/20	1 0107	28	52	40	0	25.0
01/08/20	1 0108	28	50	39	0	26.0
01/09/20	1 0109	42	66	54	0	11.0
01/10/20	1 0110	22	43	32.5	1.36	32.5
01/11/20	1 0111	14	22	18	0.31	47.0
01/12/20	1 0112	18	32	25	0	40.0
01/13/20	1 0113	21	45	33	0	32.0
01/14/20	1 0114	36	48	42	0	23.0
01/15/20	1 0115	17	48	32.5	0.01	32.5
01/16/20	1 0116	12	25	18.5	0	46.5
01/17/20	1 0117	24	36	30	0.4	35.0
01/18/20	1 0118	23	40	31.5	0.03	33.5
01/19/20	1 0119	11	23	17	0	48.0
01/20/20	1 0120	6	18	12	0.04	53.0
01/21/20	1 0121	4	34	19	0	46.0
01/22/20	1 0122	32	37	34.5	0.28	30.5
01/23/20	1 0123	34	37	35.5	0.2	29.5
01/24/20	1 0124	32	34	33	0.14	32.0
01/25/20	1 0125	24	32	28	0	37.0
01/26/20	1 0126	24	34	29	0	36.0
01/27/20	1 0127	25	38	31.5	0	33.5
01/28/20	1 0128	30	34	32	0	33.0
01/29/20	1 0129	28	34	31	0.03	34.0
01/30/20	1 0130	25	38	31.5	0	33.5
01/31/20	1 0131	29	39	34	0	31.0
02/01/20	2 0201	31	54	42.5	0	22.5
02/02/20	2 0202	38	65	51.5	0	13.5
02/03/20	2 0203	34	50	42	0	23.0
02/04/20	2 0204	29	34	31.5	0	33.5
02/05/20	2 0205	24	29	26.5	0.01	38.5
02/06/20	2 0206	17	38	27.5	0	37.5
02/07/20	2 0207	22	38	30	0	35.0
02/08/20	2 0208	17	43	30	0	35.0
02/09/20	2 0209	27	52	39.5	0	25.5
02/10/20	2 0210	22	45	33.5	0	31.5
02/11/20	2 0211	28	44	36	0	29.0
02/12/20	2 0212	19	34	26.5	0.37	38.5
02/13/20	2 0213	2	19	10.5	0	54.5
02/14/20	2 0214	0	27	13.5	0	51.5
02/15/20	2 0215	27	45	36	0	29.0
02/16/20	2 0216	26	55	40.5	0	24.5
02/17/20	2 0217	35	64	49.5	0	15.5
02/18/20	2 0218	29	46	37.5	0	27.5
02/19/20	2 0219	26	41	33.5	0	31.5

02/20/20	2 0220	18	33	25.5	0	39.5
02/21/20	2 0221	14	45	29.5	0	35.5
02/22/20	2 0222	31	55	43	0	22.0
02/23/20	2 0223	43	63	53	0	12.0
02/24/20	2 0224	38	50	44	0.3	21.0
02/25/20	2 0225	32	48	40	0	25.0
02/26/20	2 0226	25	41	33	0	32.0
02/27/20	2 0227	20	48	34	0	31.0
02/28/20	2 0228	25	56	40.5	0	24.5
02/29/20	2 0229	28	64	46	0	19.0
03/01/20	3 0301	44	67	55.5	0	9.5
03/02/20	3 0302	32	54	43	0	22.0
03/03/20	3 0303	35	62	48.5	0	16.5
03/04/20	3 0304	35	61	48	0	17.0
03/05/20	3 0305	35	59	47	0	18.0
03/06/20	3 0306	28	56	42	0	23.0
03/07/20	3 0307	36	69	52.5	0	12.5
03/08/20	3 0308	48	71	59.5	0	5.5
03/09/20	3 0309	36	56	46	1.74	19.0
03/10/20	3 0310	30	54	42	0	23.0
03/11/20	3 0311	38	67	52.5	0	12.5
03/12/20	3 0312	41	66	53.5	0.23	11.5
03/13/20	3 0313	35	46	40.5	0	24.5
03/14/20	3 0314	35	42	38.5	0.36	26.5
03/15/20	3 0315	34	38	36	0	29.0
03/16/20	3 0316	36	44	40	0.13	25.0
03/17/20	3 0317	41	48	44.5	0	20.5
03/18/20	3 0318	48	61	54.5	0.53	10.5
03/19/20	3 0319	49	75	62	0.51	3.0
03/20/20	3 0320	27	49	38	0	27.0
03/21/20	3 0321	22	49	35.5	0	29.5
03/22/20	3 0322	37	44	40.5	0.24	24.5
03/23/20	3 0323	41	50	45.5	0	19.5
03/24/20	3 0324	41	56	48.5	0.02	16.5
03/25/20	3 0325	44	69	56.5	0	8.5
03/26/20	3 0326	52	61	56.5	0	8.5
03/27/20	3 0327	51	61	56	0.15	9.0
03/28/20	3 0328	46	75	60.5	0	4.5
03/29/20	3 0329	43	68	55.5	0	9.5
03/30/20	3 0330	43	69	56	0	9.0
03/31/20	3 0331	44	70	57	0	8.0
04/01/20	4 0401	43	73	58	0	7.0
04/02/20	4 0402	39	69	54	0.34	11.0
04/03/20	4 0403	30	39	34.5	0.23	30.5
04/04/20	4 0404	30	48	39	0	26.0
04/05/20	4 0405	34	61	47.5	0	17.5
04/06/20	4 0406	52	67	59.5	0.02	5.5
04/07/20	4 0407	61	80	70.5	0	-
04/08/20	4 0408	48	88	68	0	-
04/09/20	4 0409	32	60	46	0	19.0
04/10/20	4 0410	25	55	40	0	25.0
04/11/20	4 0411	44	74	59	0.16	6.0
04/12/20	4 0412	31	63	47	0.58	18.0
04/13/20	4 0413	27	45	36	0	29.0
04/14/20	4 0414	30	51	40.5	0	24.5
04/15/20	4 0415	31	53	42	0	23.0
04/16/20	4 0416	36	47	41.5	0.39	23.5
04/17/20	4 0417	31	47	39	0.34	26.0
04/18/20	4 0418	28	63	45.5	0	19.5
04/19/20	4 0419	43	67	55	0	10.0
04/20/20	4 0420	44	70	57	0.01	8.0
04/21/20	4 0421	43	71	57	0	8.0
04/22/20	4 0422	50	66	58	0.02	7.0
04/23/20	4 0423	52	75	63.5	0	1.5
04/24/20	4 0424	53	63	58	1.01	7.0
04/25/20	4 0425	47	68	57.5	0.13	7.5
04/26/20	4 0426	43	70	56.5	0.01	8.5
04/27/20	4 0427	53	75	64	0.02	1.0

04/28/20	4 0428	52	76	64	0.08	1.0
04/29/20	4 0429	50	70	60	0	5.0
04/30/20	4 0430	48	74	61	0	4.0
05/01/20	5 0501	52	81	66.5	0	-
05/02/20	5 0502	57	81	69	0	-
05/03/20	5 0503	56	73	64.5	0.12	0.5
05/04/20	5 0504	51	60	55.5	1.01	9.5
05/05/20	5 0505	46	71	58.5	0.01	6.5
05/06/20	5 0506	42	62	52	0	13.0
05/07/20	5 0507	37	63	50	0.1	15.0
05/08/20	5 0508	44	59	51.5	0.34	13.5
05/09/20	5 0509	34	63	48.5	0	16.5
05/10/20	5 0510	41	60	50.5	0	14.5
05/11/20	5 0511	37	54	45.5	0	19.5
05/12/20	5 0512	42	55	48.5	0	16.5
05/13/20	5 0513	49	63	56	0	9.0
05/14/20	5 0514	63	82	72.5	0.03	-
05/15/20	5 0515	62	73	67.5	0.02	-
05/16/20	5 0516	62	74	68	0.09	-
05/17/20	5 0517	55	69	62	0	3.0
05/18/20	5 0518	54	60	57	0	8.0
05/19/20	5 0519	55	71	63	0	2.0
05/20/20	5 0520	58	70	64	0	1.0
05/21/20	5 0521	59	71	65	0	-
05/22/20	5 0522	60	75	67.5	0.3	-
05/23/20	5 0523	57	84	70.5	0	-
05/24/20	5 0524	65	86	75.5	0.43	-
05/25/20	5 0525	67	81	74	0.38	-
05/26/20	5 0526	62	76	69	0.54	-
05/27/20	5 0527	61	76	68.5	0.02	-
05/28/20	5 0528	54	75	64.5	0.25	0.5
05/29/20	5 0529	55	77	66	0	-
05/30/20	5 0530	57	75	66	0	-
05/31/20	5 0531	60	79	69.5	0	-
06/01/20	6 0601	66	85	75.5	0	-
06/02/20	6 0602	65	87	76	0	-
06/03/20	6 0603	72	91	81.5	0	-
06/04/20	6 0604	65	87	76	0.21	-
06/05/20	6 0605	66	89	77.5	0.42	-
06/06/20	6 0606	72	92	82	0	-
06/07/20	6 0607	72	91	81.5	0	-
06/08/20	6 0608	73	91	82	0	-
06/09/20	6 0609	65	90	77.5	0	-
06/10/20	6 0610	58	76	67	0	-
06/11/20	6 0611	52	87	69.5	0	-
06/12/20	6 0612	64	89	76.5	0	-
06/13/20	6 0613	69	90	79.5	0	-
06/14/20	6 0614	71	91	81	0	-
06/15/20	6 0615	71	91	81	0	-
06/16/20	6 0616	70	90	80	0	-
06/17/20	6 0617	69	89	79	0	-
06/18/20	6 0618	71	91	81	0	-
06/19/20	6 0619	69	76	72.5	0.09	-
06/20/20	6 0620	62	85	73.5	0	-
06/21/20	6 0621	65	88	76.5	0	-
06/22/20	6 0622	66	87	76.5	0.01	-
06/23/20	6 0623	62	81	71.5	0	-
06/24/20	6 0624	57	85	71	0	-
06/25/20	6 0625	63	92	77.5	0.23	-
06/26/20	6 0626	69	90	79.5	0	-
06/27/20	6 0627	67	80	73.5	1	-
06/28/20	6 0628	71	91	81	0	-
06/29/20	6 0629	76	87	81.5	0	-
06/30/20	6 0630	77	91	84	0	-
07/01/20	7 0701	68	84	76	1.2	-
07/02/20	7 0702	70	88	79	0	-
07/03/20	7 0703	72	89	80.5	0	-
07/04/20	7 0704	71	87	79	0	-

07/05/20	7 0705	72	90	81	0	-
07/06/20	7 0706	72	92	82	0	-
07/07/20	7 0707	71	93	82	0	-
07/08/20	7 0708	71	94	82.5	0	-
07/09/20	7 0709	67	86	76.5	0.04	-
07/10/20	7 0710	63	93	78	0	-
07/11/20	7 0711	69	92	80.5	0	-
07/12/20	7 0712	60	87	73.5	0	-
07/13/20	7 0713	65	91	78	0	-
07/14/20	7 0714	69	92	80.5	0	-
07/15/20	7 0715	68	83	75.5	3.52	-
07/16/20	7 0716	65	84	74.5	0	-
07/17/20	7 0717	73	94	83.5	0	-
07/18/20	7 0718	79	94	86.5	0	-
07/19/20	7 0719	71	87	79	0.01	-
07/20/20	7 0720	67	83	75	1.77	-
07/21/20	7 0721	69	82	75.5	0.94	-
07/22/20	7 0722	66	90	78	0	-
07/23/20	7 0723	73	92	82.5	0.01	-
07/24/20	7 0724	74	92	83	0	-
07/25/20	7 0725	74	91	82.5	0	-
07/26/20	7 0726	73	92	82.5	0	-
07/27/20	7 0727	72	81	76.5	0.11	-
07/28/20	7 0728	70	87	78.5	0	-
07/29/20	7 0729	71	81	76	1.88	-
07/30/20	7 0730	71	80	75.5	0.41	-
07/31/20	7 0731	67	79	73	0.13	-
08/01/20	8 0801	64	82	73	0	-
08/02/20	8 0802	64	81	72.5	0.11	-
08/03/20	8 0803	58	76	67	0	-
08/04/20	8 0804	53	75	64	0	1.0
08/05/20	8 0805	54	79	66.5	0	-
08/06/20	8 0806	65	83	74	0	-
08/07/20	8 0807	68	87	77.5	0.03	-
08/08/20	8 0808	71	88	79.5	0.07	-
08/09/20	8 0809	71	86	78.5	0.23	-
08/10/20	8 0810	70	85	77.5	0.18	-
08/11/20	8 0811	69	85	77	0	-
08/12/20	8 0812	69	88	78.5	0.01	-
08/13/20	8 0813	73	88	80.5	0.01	-
08/14/20	8 0814	72	90	81	0	-
08/15/20	8 0815	66	84	75	0	-
08/16/20	8 0816	60	82	71	0	-
08/17/20	8 0817	64	85	74.5	0	-
08/18/20	8 0818	56	80	68	0	-
08/19/20	8 0819	58	83	70.5	0	-
08/20/20	8 0820	58	86	72	0	-
08/21/20	8 0821	61	88	74.5	0	-
08/22/20	8 0822	64	90	77	0	-
08/23/20	8 0823	67	93	80	0	-
08/24/20	8 0824	66	93	79.5	0	-
08/25/20	8 0825	67	94	80.5	0	-
08/26/20	8 0826	68	94	81	0	-
08/27/20	8 0827	68	93	80.5	0	-
08/28/20	8 0828	66	94	80	0	-
08/29/20	8 0829	65	79	72	0.73	-
08/30/20	8 0830	60	83	71.5	0	-
08/31/20	8 0831	64	73	68.5	1.09	-
09/01/20	9 0901	68	82	75	0	-
09/02/20	9 0902	62	85	73.5	0	-
09/03/20	9 0903	59	82	70.5	0	-
09/04/20	9 0904	54	83	68.5	0	-
09/05/20	9 0905	64	89	76.5	0.23	-
09/06/20	9 0906	74	91	82.5	0	-
09/07/20	9 0907	66	88	77	0	-
09/08/20	9 0908	49	66	57.5	0.03	7.5
09/09/20	9 0909	49	54	51.5	0.05	13.5
09/10/20	9 0910	52	57	54.5	0.83	10.5

09/11/20	9 0911	54	63	58.5	0.03	6.5
09/12/20	9 0912	60	77	68.5	0	-
09/13/20	9 0913	52	78	65	0	-
09/14/20	9 0914	54	79	66.5	0	-
09/15/20	9 0915	58	78	68	0	-
09/16/20	9 0916	60	85	72.5	0	-
09/17/20	9 0917	54	73	63.5	0	1.5
09/18/20	9 0918	50	73	61.5	0	3.5
09/19/20	9 0919	52	71	61.5	0	3.5
09/20/20	9 0920	52	74	63	0	2.0
09/21/20	9 0921	54	78	66	0	-
09/22/20	9 0922	55	78	66.5	0	-
09/23/20	9 0923	61	77	69	0	-
09/24/20	9 0924	54	81	67.5	0	-
09/25/20	9 0925	60	87	73.5	0	-
09/26/20	9 0926	65	90	77.5	0	-
09/27/20	9 0927	51	72	61.5	0.3	3.5
09/28/20	9 0928	48	67	57.5	0	7.5
09/29/20	9 0929	43	72	57.5	0	7.5
09/30/20	9 0930	49	76	62.5	0	2.5
10/01/20	10 1001	43	65	54	0	11.0
10/02/20	10 1002	35	65	50	0	15.0
10/03/20	10 1003	43	65	54	0	11.0
10/04/20	10 1004	38	64	51	0	14.0
10/05/20	10 1005	47	77	62	0	3.0
10/06/20	10 1006	51	81	66	0	-
10/07/20	10 1007	57	90	73.5	0	-
10/08/20	10 1008	58	85	71.5	0	-
10/09/20	10 1009	60	84	72	0	-
10/10/20	10 1010	60	83	71.5	0	-
10/11/20	10 1011	62	86	74	0	-
10/12/20	10 1012	46	76	61	0	4.0
10/13/20	10 1013	46	78	62	0	3.0
10/14/20	10 1014	52	84	68	0	-
10/15/20	10 1015	42	63	52.5	0	12.5
10/16/20	10 1016	34	62	48	0	17.0
10/17/20	10 1017	50	72	61	0	4.0
10/18/20	10 1018	42	56	49	0	16.0
10/19/20	10 1019	40	46	43	0	22.0
10/20/20	10 1020	40	48	44	0	21.0
10/21/20	10 1021	36	50	43	0.01	22.0
10/22/20	10 1022	43	86	64.5	0	0.5
10/23/20	10 1023	37	44	40.5	0.71	24.5
10/24/20	10 1024	36	41	38.5	0	26.5
10/25/20	10 1025	34	41	37.5	0	27.5
10/26/20	10 1026	28	34	31	0.1	34.0
10/27/20	10 1027	30	35	32.5	0.03	32.5
10/28/20	10 1028	31	50	40.5	0	24.5
10/29/20	10 1029	32	52	42	0.03	23.0
10/30/20	10 1030	30	63	46.5	0	18.5
10/31/20	10 1031	44	68	56	0	9.0
11/01/20	11 1101	36	53	44.5	0	20.5
11/02/20	11 1102	30	67	48.5	0	16.5
11/03/20	11 1103	40	76	58	0	7.0
11/04/20	11 1104	54	71	62.5	0	2.5
11/05/20	11 1105	52	75	63.5	0	1.5
11/06/20	11 1106	48	71	59.5	0	5.5
11/07/20	11 1107	55	74	64.5	0	0.5
11/08/20	11 1108	60	78	69	0	-
11/09/20	11 1109	65	73	69	0	-
11/10/20	11 1110	28	68	48	0	17.0
11/11/20	11 1111	24	56	40	0	25.0
11/12/20	11 1112	28	58	43	0	22.0
11/13/20	11 1113	21	48	34.5	0	30.5
11/14/20	11 1114	42	66	54	0	11.0
11/15/20	11 1115	33	55	44	0	21.0
11/16/20	11 1116	33	65	49	0	16.0
11/17/20	11 1117	33	58	45.5	0	19.5

11/18/20	11 1118	42	69	55.5	0	9.5
11/19/20	11 1119	57	73	65	0	-
11/20/20	11 1120	41	61	51	0	14.0
11/21/20	11 1121	40	50	45	0.16	20.0
11/22/20	11 1122	39	56	47.5	0	17.5
11/23/20	11 1123	27	42	34.5	0.29	30.5
11/24/20	11 1124	42	53	47.5	0.49	17.5
11/25/20	11 1125	31	51	41	0.08	24.0
11/26/20	11 1126	26	56	41	0	24.0
11/27/20	11 1127	33	53	43	0	22.0
11/28/20	11 1128	30	56	43	0	22.0
11/29/20	11 1129	29	46	37.5	0	27.5
11/30/20	11 1130	21	41	31	0	34.0
12/01/20	12 1201	19	51	35	0	30.0
12/02/20	12 1202	28	52	40	0	25.0
12/03/20	12 1203	27	46	36.5	0	28.5
12/04/20	12 1204	25	54	39.5	0	25.5
12/05/20	12 1205	31	52	41.5	0	23.5
12/06/20	12 1206	29	49	39	0	26.0
12/07/20	12 1207	30	55	42.5	0	22.5
12/08/20	12 1208	22	57	39.5	0	25.5
12/09/20	12 1209	38	68	53	0	12.0
12/10/20	12 1210	38	68	53	0	12.0
12/11/20	12 1211	39	46	42.5	0.04	22.5
12/12/20	12 1212	32	39	35.5	0.02	29.5
12/13/20	12 1213	22	35	28.5	0	36.5
12/14/20	12 1214	16	36	26	0	39.0
12/15/20	12 1215	22	30	26	0	39.0
12/16/20	12 1216	22	32	27	0	38.0
12/17/20	12 1217	23	48	35.5	0	29.5
12/18/20	12 1218	33	56	44.5	0	20.5
12/19/20	12 1219	26	42	34	0	31.0
12/20/20	12 1220	24	53	38.5	0	26.5
12/21/20	12 1221	37	60	48.5	0	16.5
12/22/20	12 1222	31	64	47.5	0	17.5
12/23/20	12 1223	22	58	40	0	25.0
12/24/20	12 1224	10	26	18	0	47.0
12/25/20	12 1225	6	37	21.5	0	43.5
12/26/20	12 1226	24	57	40.5	0	24.5
12/27/20	12 1227	34	53	43.5	0	21.5
12/28/20	12 1228	26	39	32.5	0	32.5
12/29/20	12 1229	28	34	31	1.19	34.0
12/30/20	12 1230	22	36	29	0	36.0
12/31/20	12 1231	17	36	26.5	0	38.5
01/01/21	1 0101	23	33	28	0.57	37.0
01/02/21	1 0102	20	34	27	0	38.0
01/03/21	1 0103	19	38	28.5	0	36.5
01/04/21	1 0104	29	45	37	0	28.0
01/05/21	1 0105	24	52	38	0	27.0
01/06/21	1 0106	38	41	39.5	0.28	25.5
01/07/21	1 0107	27	39	33	0.01	32.0
01/08/21	1 0108	26	39	32.5	0	32.5
01/09/21	1 0109	25	36	30.5	0	34.5
01/10/21	1 0110	24	34	29	0	36.0
01/11/21	1 0111	24	46	35	0	30.0
01/12/21	1 0112	28	55	41.5	0	23.5
01/13/21	1 0113	32	56	44	0	21.0
01/14/21	1 0114	36	49	42.5	0.01	22.5
01/15/21	1 0115	31	37	34	0.16	31.0
01/16/21	1 0116	27	35	31	0	34.0
01/17/21	1 0117	23	44	33.5	0	31.5
01/18/21	1 0118	26	40	33	0	32.0
01/19/21	1 0119	26	48	37	0	28.0
01/20/21	1 0120	21	55	38	0	27.0
01/21/21	1 0121	24	60	42	0	23.0
01/22/21	1 0122	24	36	30	0	35.0
01/23/21	1 0123	21	42	31.5	0	33.5
01/24/21	1 0124	36	40	38	0.01	27.0

01/25/21	1 0125	29	38	33.5	0.44	31.5
01/26/21	1 0126	23	29	26	0.02	39.0
01/27/21	1 0127	22	28	25	0.12	40.0
01/28/21	1 0128	18	34	26	0	39.0
01/29/21	1 0129	26	50	38	0	27.0
01/30/21	1 0130	32	51	41.5	0.85	23.5
01/31/21	1 0131	30	35	32.5	0	32.5
02/01/21	2 0201	25	36	30.5	0	34.5
02/02/21	2 0202	24	42	33	0	32.0
02/03/21	2 0203	28	59	43.5	0	21.5
02/04/21	2 0204	21	50	35.5	0.1	29.5
02/05/21	2 0205	22	38	30	0	35.0
02/06/21	2 0206	4	24	14	0.07	51.0
02/07/21	2 0207	4	8	6	0.08	59.0
02/08/21	2 0208	5	8	6.5	0.01	58.5
02/09/21	2 0209	8	14	11	0	54.0
02/10/21	2 0210	10	15	12.5	0	52.5
02/11/21	2 0211	8	15	11.5	0.01	53.5
02/12/21	2 0212	0	8	4	0	61.0
02/13/21	2 0213	-1	9	4	0	61.0
02/14/21	2 0214	-6	4	-1	0.08	66.0
02/15/21	2 0215	-10	-1	-5.5	0.15	70.5
02/16/21	2 0216	-13	12	-0.5	0	65.5
02/17/21	2 0217	4	23	13.5	0.03	51.5
02/18/21	2 0218	4	27	15.5	0.01	49.5
02/19/21	2 0219	8	33	20.5	0	44.5
02/20/21	2 0220	18	43	30.5	0	34.5
02/21/21	2 0221	31	42	36.5	0.01	28.5
02/22/21	2 0222	25	60	42.5	0	22.5
02/23/21	2 0223	29	69	49	0	16.0
02/24/21	2 0224	28	49	38.5	0	26.5
02/25/21	2 0225	26	47	36.5	0	28.5
02/26/21	2 0226	30	53	41.5	0	23.5
02/27/21	2 0227	33	64	48.5	0	16.5
02/28/21	2 0228	30	53	41.5	0	23.5
03/01/21	3 0301	20	55	37.5	0	27.5
03/02/21	3 0302	24	63	43.5	0	21.5
03/03/21	3 0303	33	71	52	0	13.0
03/04/21	3 0304	39	72	55.5	0	9.5
03/05/21	3 0305	38	57	47.5	0	17.5
03/06/21	3 0306	31	67	49	0	16.0
03/07/21	3 0307	44	70	57	0	8.0
03/08/21	3 0308	48	73	60.5	0	4.5
03/09/21	3 0309	53	77	65	0	-
03/10/21	3 0310	46	76	61	0.42	4.0
03/11/21	3 0311	35	61	48	0	17.0
03/12/21	3 0312	42	50	46	0.19	19.0
03/13/21	3 0313	43	51	47	0.14	18.0
03/14/21	3 0314	44	51	47.5	0.94	17.5
03/15/21	3 0315	44	52	48	0	17.0
03/16/21	3 0316	42	50	46	0	19.0
03/17/21	3 0317	38	44	41	1.08	24.0
03/18/21	3 0318	36	49	42.5	0.04	22.5
03/19/21	3 0319	28	58	43	0	22.0
03/20/21	3 0320	32	63	47.5	0	17.5
03/21/21	3 0321	47	69	58	0	7.0
03/22/21	3 0322	52	66	59	0.01	6.0
03/23/21	3 0323	51	61	56	0.36	9.0
03/24/21	3 0324	44	52	48	0.01	17.0
03/25/21	3 0325	41	46	43.5	0.2	21.5
03/26/21	3 0326	35	63	49	0	16.0
03/27/21	3 0327	45	60	52.5	0.16	12.5
03/28/21	3 0328	35	60	47.5	0	17.5
03/29/21	3 0329	48	77	62.5	0	2.5
03/30/21	3 0330	41	63	52	0	13.0
03/31/21	3 0331	31	53	42	0	23.0
04/01/21	4 0401	26	53	39.5	0	25.5
04/02/21	4 0402	37	70	53.5	0	11.5

04/03/21	4 0403	48	75	61.5	0	3.5
04/04/21	4 0404	48	82	65	0	-
04/05/21	4 0405	55	80	67.5	0	-
04/06/21	4 0406	62	79	70.5	0	-
04/07/21	4 0407	48	71	59.5	0.57	5.5
04/08/21	4 0408	47	53	50	0.36	15.0
04/09/21	4 0409	41	73	57	0.23	8.0
04/10/21	4 0410	45	60	52.5	1.29	12.5
04/11/21	4 0411	40	76	58	0	7.0
04/12/21	4 0412	45	62	53.5	0	11.5
04/13/21	4 0413	39	62	50.5	0	14.5
04/14/21	4 0414	36	59	47.5	0	17.5
04/15/21	4 0415	33	60	46.5	0	18.5
04/16/21	4 0416	43	52	47.5	0.16	17.5
04/17/21	4 0417	42	60	51	0.11	14.0
04/18/21	4 0418	41	62	51.5	0	13.5
04/19/21	4 0419	33	54	43.5	0	21.5
04/20/21	4 0420	33	46	39.5	0.36	25.5
04/21/21	4 0421	32	49	40.5	0	24.5
04/22/21	4 0422	30	60	45	0	20.0
04/23/21	4 0423	45	58	51.5	0.15	13.5
04/24/21	4 0424	43	68	55.5	0	9.5
04/25/21	4 0425	49	76	62.5	0	2.5
04/26/21	4 0426	62	86	74	0	-
04/27/21	4 0427	67	80	73.5	0	-
04/28/21	4 0428	60	80	70	1.63	-
04/29/21	4 0429	55	78	66.5	0	-
04/30/21	4 0430	45	80	62.5	0	2.5
05/01/21	5 0501	60	82	71	0	-
05/02/21	5 0502	59	77	68	0	-
05/03/21	5 0503	59	69	64	0	1.0
05/04/21	5 0504	48	66	57	0.06	8.0
05/05/21	5 0505	38	70	54	0	11.0
05/06/21	5 0506	47	66	56.5	0	8.5
05/07/21	5 0507	43	73	58	0	7.0
05/08/21	5 0508	51	74	62.5	0.12	2.5
05/09/21	5 0509	44	55	49.5	1.42	15.5
05/10/21	5 0510	39	65	52	0	13.0
05/11/21	5 0511	49	62	55.5	0	9.5
05/12/21	5 0512	49	65	57	0	8.0
05/13/21	5 0513	46	70	58	0	7.0
05/14/21	5 0514	53	76	64.5	0	0.5
05/15/21	5 0515	58	71	64.5	0.05	0.5
05/16/21	5 0516	56	67	61.5	1.18	3.5
05/17/21	5 0517	62	70	66	0.26	-
05/18/21	5 0518	63	80	71.5	0.02	-
05/19/21	5 0519	67	77	72	0.44	-
05/20/21	5 0520	64	75	69.5	0.23	-
05/21/21	5 0521	69	77	73	0.04	-
05/22/21	5 0522	64	73	68.5	0.25	-
05/23/21	5 0523	65	81	73	0.02	-
05/24/21	5 0524	65	83	74	0	-
05/25/21	5 0525	65	82	73.5	0	-
05/26/21	5 0526	64	88	76	0	-
05/27/21	5 0527	60	77	68.5	1.05	-
05/28/21	5 0528	51	60	55.5	0	9.5
05/29/21	5 0529	49	68	58.5	0	6.5
05/30/21	5 0530	47	68	57.5	0	7.5
05/31/21	5 0531	59	64	61.5	0.32	3.5
06/01/21	6 0601	59	76	67.5	0.01	-
06/02/21	6 0602	55	78	66.5	0	-
06/03/21	6 0603	57	84	70.5	0	-
06/04/21	6 0604	58	87	72.5	0	-
06/05/21	6 0605	64	87	75.5	0	-
06/06/21	6 0606	65	85	75	0	-
06/07/21	6 0607	65	88	76.5	0	-
06/08/21	6 0608	68	89	78.5	0.78	-
06/09/21	6 0609	71	91	81	0	-

06/10/21	6 0610	73	93	83	0	-
06/11/21	6 0611	70	92	81	0.15	-
06/12/21	6 0612	70	88	79	0	-
06/13/21	6 0613	64	91	77.5	0	-
06/14/21	6 0614	65	94	79.5	0	-
06/15/21	6 0615	72	93	82.5	0	-
06/16/21	6 0616	71	93	82	0.04	-
06/17/21	6 0617	76	98	87	0.02	-
06/18/21	6 0618	76	98	87	0	-
06/19/21	6 0619	78	94	86	0	-
06/20/21	6 0620	72	94	83	0.43	-
06/21/21	6 0621	62	79	70.5	0.02	-
06/22/21	6 0622	53	87	70	0	-
06/23/21	6 0623	68	89	78.5	0	-
06/24/21	6 0624	71	89	80	1.05	-
06/25/21	6 0625	70	91	80.5	1.62	-
06/26/21	6 0626	67	84	75.5	0.37	-
06/27/21	6 0627	66	81	73.5	0	-
06/28/21	6 0628	70	80	75	0.05	-
06/29/21	6 0629	71	81	76	1.45	-
06/30/21	6 0630	70	78	74	1.14	-
07/01/21	7 0701	72	86	79	0	-
07/02/21	7 0702	66	88	77	0	-
07/03/21	7 0703	70	88	79	0	-
07/04/21	7 0704	67	88	77.5	0	-
07/05/21	7 0705	68	89	78.5	0	-
07/06/21	7 0706	67	88	77.5	0	-
07/07/21	7 0707	67	85	76	0.44	-
07/08/21	7 0708	65	85	75	0	-
07/09/21	7 0709	69	93	81	0	-
07/10/21	7 0710	65	85	75	0.53	-
07/11/21	7 0711	64	74	69	0.02	-
07/12/21	7 0712	65	82	73.5	0	-
07/13/21	7 0713	62	87	74.5	0	-
07/14/21	7 0714	75	90	82.5	0	-
07/15/21	7 0715	70	80	75	1.57	-
07/16/21	7 0716	69	86	77.5	0	-
07/17/21	7 0717	72	87	79.5	0.1	-
07/18/21	7 0718	68	84	76	0	-
07/19/21	7 0719	66	85	75.5	0	-
07/20/21	7 0720	67	88	77.5	0	-
07/21/21	7 0721	67	90	78.5	0	-
07/22/21	7 0722	67	88	77.5	0	-
07/23/21	7 0723	70	91	80.5	0	-
07/24/21	7 0724	76	95	85.5	0	-
07/25/21	7 0725	75	90	82.5	0	-
07/26/21	7 0726	72	90	81	0	-
07/27/21	7 0727	67	95	81	0	-
07/28/21	7 0728	73	98	85.5	0	-
07/29/21	7 0729	76	98	87	0	-
07/30/21	7 0730	78	96	87	0	-
07/31/21	7 0731	69	83	76	0.09	-
08/01/21	8 0801	65	84	74.5	0	-
08/02/21	8 0802	61	84	72.5	0	-
08/03/21	8 0803	61	84	72.5	0	-
08/04/21	8 0804	63	85	74	0	-
08/05/21	8 0805	70	84	77	0.01	-
08/06/21	8 0806	67	92	79.5	0	-
08/07/21	8 0807	75	97	86	0	-
08/08/21	8 0808	68	88	78	0.14	-
08/09/21	8 0809	78	97	87.5	0	-
08/10/21	8 0810	73	92	82.5	0.07	-
08/11/21	8 0811	81	98	89.5	0	-
08/12/21	8 0812	69	97	83	1.86	-
08/13/21	8 0813	70	83	76.5	0.78	-
08/14/21	8 0814	63	87	75	0	-
08/15/21	8 0815	65	86	75.5	0	-
08/16/21	8 0816	66	88	77	0	-

08/17/21	8 0817	67	90	78.5	0.17	-
08/18/21	8 0818	68	90	79	0	-
08/19/21	8 0819	71	89	80	0	-
08/20/21	8 0820	69	89	79	1.06	-
08/21/21	8 0821	67	84	75.5	0.19	-
08/22/21	8 0822	65	89	77	0	-
08/23/21	8 0823	76	95	85.5	0	-
08/24/21	8 0824	76	95	85.5	0	-
08/25/21	8 0825	77	93	85	0	-
08/26/21	8 0826	77	95	86	0	-
08/27/21	8 0827	73	93	83	0	-
08/28/21	8 0828	73	92	82.5	0	-
08/29/21	8 0829	71	90	80.5	0	-
08/30/21	8 0830	69	93	81	0	-
08/31/21	8 0831	66	83	74.5	0.96	-
09/01/21	9 0901	66	83	74.5	0	-
09/02/21	9 0902	66	82	74	0	-
09/03/21	9 0903	71	85	78	1.09	-
09/04/21	9 0904	64	77	70.5	0.76	-
09/05/21	9 0905	56	80	68	0	-
09/06/21	9 0906	62	86	74	0	-
09/07/21	9 0907	63	89	76	0	-
09/08/21	9 0908	54	82	68	0	-
09/09/21	9 0909	61	82	71.5	0	-
09/10/21	9 0910	63	85	74	0	-
09/11/21	9 0911	66	85	75.5	0	-
09/12/21	9 0912	66	85	75.5	0	-
09/13/21	9 0913	64	86	75	0	-
09/14/21	9 0914	64	81	72.5	0	-
09/15/21	9 0915	59	81	70	0	-
09/16/21	9 0916	64	87	75.5	0	-
09/17/21	9 0917	65	88	76.5	0	-
09/18/21	9 0918	62	88	75	0	-
09/19/21	9 0919	67	87	77	0	-
09/20/21	9 0920	60	86	73	0.24	-
09/21/21	9 0921	54	75	64.5	0	0.5
09/22/21	9 0922	47	72	59.5	0	5.5
09/23/21	9 0923	45	76	60.5	0	4.5
09/24/21	9 0924	54	77	65.5	0.01	-
09/25/21	9 0925	45	75	60	0	5.0
09/26/21	9 0926	55	91	73	0	-
09/27/21	9 0927	64	91	77.5	0	-
09/28/21	9 0928	61	89	75	0	-
09/29/21	9 0929	64	80	72	0	-
09/30/21	9 0930	64	84	74	0	-
10/01/21	10 1001	65	79	72	0	-
10/02/21	10 1002	59	77	68	0.11	-
10/03/21	10 1003	54	79	66.5	0.02	-
10/04/21	10 1004	51	81	66	0	-
10/05/21	10 1005	51	78	64.5	0	0.5
10/06/21	10 1006	56	77	66.5	0.14	-
10/07/21	10 1007	59	77	68	0	-
10/08/21	10 1008	59	85	72	0	-
10/09/21	10 1009	65	85	75	0	-
10/10/21	10 1010	58	82	70	0.53	-
10/11/21	10 1011	50	65	57.5	1.77	7.5
10/12/21	10 1012	48	77	62.5	0.08	2.5
10/13/21	10 1013	55	74	64.5	0.47	0.5
10/14/21	10 1014	48	72	60	0	5.0
10/15/21	10 1015	45	64	54.5	0.06	10.5
10/16/21	10 1016	40	66	53	0	12.0
10/17/21	10 1017	41	73	57	0	8.0
10/18/21	10 1018	44	74	59	0	6.0
10/19/21	10 1019	54	75	64.5	0	0.5
10/20/21	10 1020	45	68	56.5	0	8.5
10/21/21	10 1021	42	60	51	0	14.0
10/22/21	10 1022	36	66	51	0	14.0
10/23/21	10 1023	48	60	54	0.02	11.0

10/24/21	10 1024	47	76	61.5	0.15	3.5
10/25/21	10 1025	47	50	48.5	0	16.5
10/26/21	10 1026	45	60	52.5	0	12.5
10/27/21	10 1027	52	59	55.5	0.35	9.5
10/28/21	10 1028	46	52	49	1.07	16.0
10/29/21	10 1029	41	56	48.5	0.33	16.5
10/30/21	10 1030	37	65	51	0	14.0
10/31/21	10 1031	42	57	49.5	0	15.5
11/01/21	11 1101	38	44	41	0.2	24.0
11/02/21	11 1102	32	49	40.5	0	24.5
11/03/21	11 1103	29	51	40	0	25.0
11/04/21	11 1104	34	53	43.5	0	21.5
11/05/21	11 1105	37	58	47.5	0	17.5
11/06/21	11 1106	40	66	53	0	12.0
11/07/21	11 1107	46	73	59.5	0	5.5
11/08/21	11 1108	47	71	59	0	6.0
11/09/21	11 1109	49	67	58	0	7.0
11/10/21	11 1110	50	68	59	1.25	6.0
11/11/21	11 1111	41	55	48	0	17.0
11/12/21	11 1112	32	45	38.5	0	26.5
11/13/21	11 1113	27	46	36.5	0	28.5
11/14/21	11 1114	38	54	46	0.09	19.0
11/15/21	11 1115	38	66	52	0	13.0
11/16/21	11 1116	43	72	57.5	0	7.5
11/17/21	11 1117	38	65	51.5	0	13.5
11/18/21	11 1118	28	48	38	0	27.0
11/19/21	11 1119	27	51	39	0	26.0
11/20/21	11 1120	38	56	47	0	18.0
11/21/21	11 1121	31	58	44.5	0	20.5
11/22/21	11 1122	27	48	37.5	0	27.5
11/23/21	11 1123	31	66	48.5	0	16.5
11/24/21	11 1124	37	60	48.5	0	16.5
11/25/21	11 1125	20	37	28.5	0	36.5
11/26/21	11 1126	20	55	37.5	0	27.5
11/27/21	11 1127	39	68	53.5	0	11.5
11/28/21	11 1128	32	51	41.5	0	23.5
11/29/21	11 1129	37	65	51	0	14.0
11/30/21	11 1130	42	56	49	0	16.0
12/01/21	12 1201	37	64	50.5	0	14.5
12/02/21	12 1202	45	71	58	0	7.0
12/03/21	12 1203	41	66	53.5	0	11.5
12/04/21	12 1204	34	51	42.5	0	22.5
12/05/21	12 1205	39	64	51.5	0	13.5
12/06/21	12 1206	24	39	31.5	0	33.5
12/07/21	12 1207	27	42	34.5	0	30.5
12/08/21	12 1208	24	51	37.5	0	27.5
12/09/21	12 1209	38	64	51	0	14.0
12/10/21	12 1210	35	67	51	0	14.0
12/11/21	12 1211	30	47	38.5	0	26.5
12/12/21	12 1212	31	57	44	0	21.0
12/13/21	12 1213	34	56	45	0	20.0
12/14/21	12 1214	42	65	53.5	0	11.5
12/15/21	12 1215	42	74	58	0.19	7.0
12/16/21	12 1216	30	47	38.5	0	26.5
12/17/21	12 1217	32	43	37.5	0	27.5
12/18/21	12 1218	21	33	27	0	38.0
12/19/21	12 1219	16	38	27	0	38.0
12/20/21	12 1220	24	46	35	0	30.0
12/21/21	12 1221	17	47	32	0	33.0
12/22/21	12 1222	23	53	38	0	27.0
12/23/21	12 1223	39	60	49.5	0	15.5
12/24/21	12 1224	46	72	59	0	6.0
12/25/21	12 1225	36	57	46.5	0	18.5
12/26/21	12 1226	34	65	49.5	0	15.5
12/27/21	12 1227	39	64	51.5	0	13.5
12/28/21	12 1228	23	57	40	0.31	25.0
12/29/21	12 1229	19	33	26	0	39.0
12/30/21	12 1230	28	44	36	0	29.0

12/31/21	12 1231	31	54	42.5	0	22.5
01/01/22	1 0101	8	31	19.5	0.29	45.5
01/02/22	1 0102	1	17	9	0	56.0
01/03/22	1 0103	10	43	26.5	0	38.5
01/04/22	1 0104	28	48	38	0	27.0
01/05/22	1 0105	13	28	20.5	0	44.5
01/06/22	1 0106	6	15	10.5	0	54.5
01/07/22	1 0107	6	26	16	0	49.0
01/08/22	1 0108	24	42	33	0	32.0
01/09/22	1 0109	16	35	25.5	0	39.5
01/10/22	1 0110	17	44	30.5	0	34.5
01/11/22	1 0111	26	60	43	0	22.0
01/12/22	1 0112	26	53	39.5	0	25.5
01/13/22	1 0113	38	58	48	0	17.0
01/14/22	1 0114	33	51	42	0.21	23.0
01/15/22	1 0115	18	33	25.5	0.29	39.5
01/16/22	1 0116	16	35	25.5	0	39.5
01/17/22	1 0117	25	43	34	0	31.0
01/18/22	1 0118	36	55	45.5	0	19.5
01/19/22	1 0119	10	40	25	0	40.0
01/20/22	1 0120	3	19	11	0	54.0
01/21/22	1 0121	3	26	14.5	0	50.5
01/22/22	1 0122	24	49	36.5	0	28.5
01/23/22	1 0123	33	43	38	0	27.0
01/24/22	1 0124	18	55	36.5	0	28.5
01/25/22	1 0125	10	24	17	0	48.0
01/26/22	1 0126	6	34	20	0	45.0
01/27/22	1 0127	29	46	37.5	0	27.5
01/28/22	1 0128	13	34	23.5	0	41.5
01/29/22	1 0129	19	54	36.5	0	28.5
01/30/22	1 0130	28	46	37	0	28.0
01/31/22	1 0131	28	65	46.5	0	18.5
02/01/22	2 0201	28	57	42.5	0.01	22.5
02/02/22	2 0202	12	28	20	0.15	45.0
02/03/22	2 0203	5	20	12.5	0	52.5
02/04/22	2 0204	4	36	20	0	45.0
02/05/22	2 0205	14	47	30.5	0	34.5
02/06/22	2 0206	25	51	38	0	27.0
02/07/22	2 0207	20	55	37.5	0	27.5
02/08/22	2 0208	29	61	45	0	20.0
02/09/22	2 0209	36	57	46.5	0	18.5
02/10/22	2 0210	28	52	40	0	25.0
02/11/22	2 0211	20	54	37	0	28.0
02/12/22	2 0212	11	30	20.5	0	44.5
02/13/22	2 0213	19	32	25.5	0	39.5
02/14/22	2 0214	23	50	36.5	0	28.5
02/15/22	2 0215	31	68	49.5	0	15.5
02/16/22	2 0216	33	66	49.5	0	15.5
02/17/22	2 0217	7	33	20	0.47	45.0
02/18/22	2 0218	4	37	20.5	0	44.5
02/19/22	2 0219	17	35	26	0	39.0
02/20/22	2 0220	33	57	45	0	20.0
02/21/22	2 0221	34	69	51.5	0	13.5
02/22/22	2 0222	9	35	22	0	43.0
02/23/22	2 0223	3	20	11.5	0	53.5
02/24/22	2 0224	13	20	16.5	0.04	48.5
02/25/22	2 0225	5	27	16	0	49.0
02/26/22	2 0226	12	43	27.5	0	37.5
02/27/22	2 0227	22	55	38.5	0	26.5
02/28/22	2 0228	32	66	49	0	16.0
03/01/22	3 0301	36	77	56.5	0	8.5
03/02/22	3 0302	46	84	65	0	-
03/03/22	3 0303	36	58	47	0	18.0
03/04/22	3 0304	35	74	54.5	0	10.5
03/05/22	3 0305	34	76	55	0	10.0
03/06/22	3 0306	26	43	34.5	0.67	30.5
03/07/22	3 0307	21	31	26	0.05	39.0
03/08/22	3 0308	14	43	28.5	0	36.5

03/09/22	3 0309	26	41	33.5	0	31.5
03/10/22	3 0310	21	30	25.5	0.31	39.5
03/11/22	3 0311	12	33	22.5	0	42.5
03/12/22	3 0312	6	37	21.5	0	43.5
03/13/22	3 0313	37	65	51	0	14.0
03/14/22	3 0314	42	62	52	0	13.0
03/15/22	3 0315	35	64	49.5	0	15.5
03/16/22	3 0316	39	74	56.5	0	8.5
03/17/22	3 0317	47	77	62	0	3.0
03/18/22	3 0318	38	47	42.5	0.58	22.5
03/19/22	3 0319	32	63	47.5	0	17.5
03/20/22	3 0320	38	77	57.5	0	7.5
03/21/22	3 0321	50	67	58.5	0.81	6.5
03/22/22	3 0322	39	60	49.5	0.55	15.5
03/23/22	3 0323	35	40	37.5	0.74	27.5
03/24/22	3 0324	35	42	38.5	0.02	26.5
03/25/22	3 0325	32	57	44.5	0	20.5
03/26/22	3 0326	33	55	44	0	21.0
03/27/22	3 0327	32	49	40.5	0	24.5
03/28/22	3 0328	35	55	45	0	20.0
03/29/22	3 0329	44	73	58.5	1.24	6.5
03/30/22	3 0330	36	55	45.5	0.17	19.5
03/31/22	3 0331	28	40	34	0	31.0
04/01/22	4 0401	25	60	42.5	0	22.5
04/02/22	4 0402	45	63	54	0	11.0
04/03/22	4 0403	40	69	54.5	0.09	10.5
04/04/22	4 0404	39	61	50	0	15.0
04/05/22	4 0405	46	71	58.5	0.17	6.5
04/06/22	4 0406	41	62	51.5	0.01	13.5
04/07/22	4 0407	35	47	41	0.02	24.0
04/08/22	4 0408	34	52	43	0	22.0
04/09/22	4 0409	26	64	45	0	20.0
04/10/22	4 0410	49	80	64.5	0	0.5
04/11/22	4 0411	47	67	57	0.01	8.0
04/12/22	4 0412	50	86	68	0	-
04/13/22	4 0413	33	64	48.5	0.23	16.5
04/14/22	4 0414	31	61	46	0	19.0
04/15/22	4 0415	38	60	49	0	16.0
04/16/22	4 0416	33	55	44	0	21.0
04/17/22	4 0417	34	47	40.5	0.12	24.5
04/18/22	4 0418	34	57	45.5	0	19.5
04/19/22	4 0419	35	58	46.5	0	18.5
04/20/22	4 0420	51	59	55	0.06	10.0
04/21/22	4 0421	41	76	58.5	0	6.5
04/22/22	4 0422	66	82	74	0	-
04/23/22	4 0423	56	76	66	1.21	-
04/24/22	4 0424	47	68	57.5	0.02	7.5
04/25/22	4 0425	39	61	50	0	15.0
04/26/22	4 0426	33	67	50	0	15.0
04/27/22	4 0427	48	77	62.5	0	2.5
04/28/22	4 0428	59	74	66.5	0	-
04/29/22	4 0429	57	77	67	0.28	-
04/30/22	4 0430	52	62	57	0.13	8.0
05/01/22	5 0501	46	71	58.5	0.02	6.5
05/02/22	5 0502	49	55	52	0.63	13.0
05/03/22	5 0503	45	55	50	0	15.0
05/04/22	5 0504	50	53	51.5	0.3	13.5
05/05/22	5 0505	52	61	56.5	0.3	8.5
05/06/22	5 0506	52	65	58.5	0.02	6.5
05/07/22	5 0507	50	74	62	0	3.0
05/08/22	5 0508	60	76	68	0.03	-
05/09/22	5 0509	69	91	80	0	-
05/10/22	5 0510	77	91	84	0	-
05/11/22	5 0511	74	92	83	0	-
05/12/22	5 0512	71	93	82	0	-
05/13/22	5 0513	61	83	72	1.23	-
05/14/22	5 0514	65	88	76.5	0	-
05/15/22	5 0515	55	77	66	0.32	-

05/16/22	5 0516	51	80	65.5	0	-
05/17/22	5 0517	55	84	69.5	0.12	-
05/18/22	5 0518	63	84	73.5	0.05	-
05/19/22	5 0519	61	83	72	0	-
05/20/22	5 0520	57	77	67	0	-
05/21/22	5 0521	46	64	55	0.11	10.0
05/22/22	5 0522	42	69	55.5	0	9.5
05/23/22	5 0523	47	69	58	0	7.0
05/24/22	5 0524	54	62	58	1.11	7.0
05/25/22	5 0525	55	71	63	1.12	2.0
05/26/22	5 0526	49	68	58.5	0.14	6.5
05/27/22	5 0527	47	79	63	0	2.0
05/28/22	5 0528	60	86	73	0	-
05/29/22	5 0529	70	88	79	0	-
05/30/22	5 0530	73	85	79	0	-
05/31/22	5 0531	65	77	71	2.84	-
06/01/22	6 0601	54	70	62	0.33	3.0
06/02/22	6 0602	53	76	64.5	0	0.5
06/03/22	6 0603	52	82	67	0	-
06/04/22	6 0604	57	77	67	0.02	-
06/05/22	6 0605	63	79	71	0	-
06/06/22	6 0606	64	86	75	0.28	-
06/07/22	6 0607	67	84	75.5	0	-
06/08/22	6 0608	62	79	70.5	1.13	-
06/09/22	6 0609	57	81	69	0	-
06/10/22	6 0610	64	85	74.5	0.11	-
06/11/22	6 0611	65	89	77	0	-
06/12/22	6 0612	74	91	82.5	0	-
06/13/22	6 0613	81	97	89	0	-
06/14/22	6 0614	81	93	87	0	-
06/15/22	6 0615	76	91	83.5	0.1	-
06/16/22	6 0616	71	94	82.5	0	-
06/17/22	6 0617	70	95	82.5	0.12	-
06/18/22	6 0618	78	94	86	0	-
06/19/22	6 0619	73	93	83	0	-
06/20/22	6 0620	71	93	82	0	-
06/21/22	6 0621	69	97	83	1.37	-
06/22/22	6 0622	69	83	76	0.06	-
06/23/22	6 0623	68	82	75	0.07	-
06/24/22	6 0624	70	85	77.5	1.26	-
06/25/22	6 0625	76	92	84	0	-
06/26/22	6 0626	60	78	69	0	-
06/27/22	6 0627	57	81	69	0	-
06/28/22	6 0628	58	85	71.5	0	-
06/29/22	6 0629	63	89	76	0	-
06/30/22	6 0630	62	90	76	0	-
07/01/22	7 0701	73	86	79.5	0	-
07/02/22	7 0702	67	80	73.5	0.7	-
07/03/22	7 0703	69	89	79	0.11	-
07/04/22	7 0704	73	93	83	0	-
07/05/22	7 0705	74	94	84	0	-
07/06/22	7 0706	75	89	82	0	-
07/07/22	7 0707	72	89	80.5	0.02	-
07/08/22	7 0708	71	88	79.5	0.41	-
07/09/22	7 0709	72	86	79	0	-
07/10/22	7 0710	68	90	79	0	-
07/11/22	7 0711	69	93	81	0	-
07/12/22	7 0712	62	85	73.5	0	-
07/13/22	7 0713	62	91	76.5	0	-
07/14/22	7 0714	68	96	82	0	-
07/15/22	7 0715	74	98	86	0.01	-
07/16/22	7 0716	76	87	81.5	0	-
07/17/22	7 0717	71	87	79	0.21	-
07/18/22	7 0718	67	90	78.5	0	-
07/19/22	7 0719	68	98	83	0	-
07/20/22	7 0720	74	90	82	0	-
07/21/22	7 0721	63	97	80	0	-
07/22/22	7 0722	71	99	85	0	-

07/23/22	7 0723	78	101	89.5	0	-
07/24/22	7 0724	71	90	80.5	0.06	-
07/25/22	7 0725	66	72	69	0.6	-
07/26/22	7 0726	65	74	69.5	0.09	-
07/27/22	7 0727	69	89	79	0.06	-
07/28/22	7 0728	66	83	74.5	0.03	-
07/29/22	7 0729	60	80	70	0	-
07/30/22	7 0730	61	84	72.5	0	-
07/31/22	7 0731	70	90	80	0	-
08/01/22	8 0801	74	96	85	0	-
08/02/22	8 0802	76	100	88	0	-
08/03/22	8 0803	79	88	83.5	0.02	-
08/04/22	8 0804	74	93	83.5	0	-
08/05/22	8 0805	73	96	84.5	0	-
08/06/22	8 0806	79	100	89.5	0	-
08/07/22	8 0807	78	98	88	0	-
08/08/22	8 0808	69	84	76.5	0.03	-
08/09/22	8 0809	65	87	76	0	-
08/10/22	8 0810	63	89	76	0	-
08/11/22	8 0811	64	91	77.5	0	-
08/12/22	8 0812	66	94	80	0	-
08/13/22	8 0813	68	98	83	0	-
08/14/22	8 0814	69	92	80.5	0	-
08/15/22	8 0815	71	87	79	0	-
08/16/22	8 0816	63	71	67	1.19	-
08/17/22	8 0817	63	84	73.5	0	-
08/18/22	8 0818	64	86	75	0	-
08/19/22	8 0819	66	80	73	0.03	-
08/20/22	8 0820	63	85	74	0	-
08/21/22	8 0821	62	85	73.5	0	-
08/22/22	8 0822	63	86	74.5	0	-
08/23/22	8 0823	64	86	75	0	-
08/24/22	8 0824	66	90	78	0	-
08/25/22	8 0825	64	92	78	0	-
08/26/22	8 0826	70	92	81	0	-
08/27/22	8 0827	69	95	82	0.28	-
08/28/22	8 0828	69	89	79	0.86	-
08/29/22	8 0829	73	92	82.5	0	-
08/30/22	8 0830	67	87	77	0	-
08/31/22	8 0831	59	89	74	0	-
09/01/22	9 0901	63	91	77	0	-
09/02/22	9 0902	66	89	77.5	0	-
09/03/22	9 0903	64	87	75.5	0	-
09/04/22	9 0904	62	84	73	0	-
09/05/22	9 0905	62	79	70.5	0	-
09/06/22	9 0906	63	85	74	0	-
09/07/22	9 0907	63	86	74.5	0	-
09/08/22	9 0908	59	87	73	0	-
09/09/22	9 0909	62	89	75.5	0	-
09/10/22	9 0910	57	70	63.5	0.61	1.5
09/11/22	9 0911	53	76	64.5	0	0.5
09/12/22	9 0912	51	84	67.5	0	-
09/13/22	9 0913	56	89	72.5	0	-
09/14/22	9 0914	59	89	74	0	-
09/15/22	9 0915	62	85	73.5	0	-
09/16/22	9 0916	60	81	70.5	0	-
09/17/22	9 0917	70	92	81	0	-
09/18/22	9 0918	68	96	82	0	-
09/19/22	9 0919	70	99	84.5	0	-
09/20/22	9 0920	72	99	85.5	0	-
09/21/22	9 0921	58	85	71.5	0.1	-
09/22/22	9 0922	55	66	60.5	0	4.5
09/23/22	9 0923	54	67	60.5	0.13	4.5
09/24/22	9 0924	48	90	69	0	-
09/25/22	9 0925	56	80	68	0	-
09/26/22	9 0926	49	76	62.5	0	2.5
09/27/22	9 0927	50	83	66.5	0	-
09/28/22	9 0928	46	74	60	0	5.0

09/29/22	9 0929	46	76	61	0	4.0
09/30/22	9 0930	47	78	62.5	0	2.5
10/01/22	10 1001	50	80	65	0	-
10/02/22	10 1002	50	82	66	0	-
10/03/22	10 1003	53	82	67.5	0	-
10/04/22	10 1004	55	83	69	0	-
10/05/22	10 1005	59	83	71	0	-
10/06/22	10 1006	51	84	67.5	0	-
10/07/22	10 1007	42	62	52	0	13.0
10/08/22	10 1008	35	66	50.5	0	14.5
10/09/22	10 1009	42	78	60	0	5.0
10/10/22	10 1010	49	82	65.5	0	-
10/11/22	10 1011	64	83	73.5	0.02	-
10/12/22	10 1012	46	73	59.5	0.31	5.5
10/13/22	10 1013	43	66	54.5	0	10.5
10/14/22	10 1014	40	75	57.5	0	7.5
10/15/22	10 1015	35	72	53.5	0	11.5
10/16/22	10 1016	42	66	54	0	11.0
10/17/22	10 1017	33	52	42.5	0	22.5
10/18/22	10 1018	25	47	36	0	29.0
10/19/22	10 1019	24	58	41	0	24.0
10/20/22	10 1020	41	79	60	0	5.0
10/21/22	10 1021	47	88	67.5	0	-
10/22/22	10 1022	65	83	74	0	-
10/23/22	10 1023	68	87	77.5	0	-
10/24/22	10 1024	45	76	60.5	1.38	4.5
10/25/22	10 1025	42	57	49.5	0	15.5
10/26/22	10 1026	38	65	51.5	0	13.5
10/27/22	10 1027	46	64	55	0	10.0
10/28/22	10 1028	48	69	58.5	0	6.5
10/29/22	10 1029	42	69	55.5	0	9.5
10/30/22	10 1030	49	68	58.5	0	6.5
10/31/22	10 1031	50	71	60.5	0	4.5
11/01/22	11 1101	46	80	63	0	2.0
11/02/22	11 1102	54	76	65	0	-
11/03/22	11 1103	61	77	69	0	-
11/04/22	11 1104	41	70	55.5	2.43	9.5
11/05/22	11 1105	38	57	47.5	0.43	17.5
11/06/22	11 1106	44	65	54.5	0	10.5
11/07/22	11 1107	40	58	49	0	16.0
11/08/22	11 1108	49	67	58	0	7.0
11/09/22	11 1109	60	72	66	0	-
11/10/22	11 1110	38	74	56	0.65	9.0
11/11/22	11 1111	25	38	31.5	0	33.5
11/12/22	11 1112	22	30	26	0	39.0
11/13/22	11 1113	17	42	29.5	0	35.5
11/14/22	11 1114	29	44	36.5	0.13	28.5
11/15/22	11 1115	27	39	33	0.04	32.0
11/16/22	11 1116	20	35	27.5	0	37.5
11/17/22	11 1117	21	45	33	0	32.0
11/18/22	11 1118	16	28	22	0	43.0
11/19/22	11 1119	21	36	28.5	0	36.5
11/20/22	11 1120	18	50	34	0	31.0
11/21/22	11 1121	30	57	43.5	0	21.5
11/22/22	11 1122	28	63	45.5	0	19.5
11/23/22	11 1123	38	60	49	0.03	16.0
11/24/22	11 1124	37	60	48.5	0	16.5
11/25/22	11 1125	31	56	43.5	0	21.5
11/26/22	11 1126	30	54	42	0.25	23.0
11/27/22	11 1127	36	47	41.5	0.03	23.5
11/28/22	11 1128	26	57	41.5	0	23.5
11/29/22	11 1129	26	60	43	0	22.0
11/30/22	11 1130	21	38	29.5	0	35.5
12/01/22	12 1201	21	51	36	0	29.0
12/02/22	12 1202	29	61	45	0	20.0
12/03/22	12 1203	18	34	26	0	39.0
12/04/22	12 1204	24	47	35.5	0	29.5
12/05/22	12 1205	34	54	44	0	21.0

12/06/22	12 1206	33	45	39	0	26.0
12/07/22	12 1207	36	51	43.5	0	21.5
12/08/22	12 1208	42	49	45.5	0.03	19.5
12/09/22	12 1209	34	48	41	0	24.0
12/10/22	12 1210	28	43	35.5	0	29.5
12/11/22	12 1211	24	39	31.5	0	33.5
12/12/22	12 1212	37	44	40.5	0.14	24.5
12/13/22	12 1213	40	58	49	0.84	16.0
12/14/22	12 1214	28	42	35	0	30.0
12/15/22	12 1215	29	35	32	0	33.0
12/16/22	12 1216	24	33	28.5	0	36.5
12/17/22	12 1217	20	33	26.5	0	38.5
12/18/22	12 1218	13	37	25	0	40.0
12/19/22	12 1219	31	40	35.5	0.04	29.5
12/20/22	12 1220	20	34	27	0	38.0
12/21/22	12 1221	22	35	28.5	0.03	36.5
12/22/22	12 1222	-4	26	11	0.1	54.0
12/23/22	12 1223	-4	11	3.5	0	61.5
12/24/22	12 1224	5	20	12.5	0	52.5
12/25/22	12 1225	0	28	14	0	51.0
12/26/22	12 1226	9	36	22.5	0	42.5
12/27/22	12 1227	8	40	24	0	41.0
12/28/22	12 1228	39	59	49	0	16.0
12/29/22	12 1229	38	68	53	0	12.0
12/30/22	12 1230	32	48	40	0	25.0
12/31/22	12 1231	31	63	47	0	18.0
01/01/23	1 0101	37	62	49.5	0	15.5
01/02/23	1 0102	40	58	49	1.08	16.0
01/03/23	1 0103	33	57	45	0	20.0
01/04/23	1 0104	33	46	39.5	0	25.5
01/05/23	1 0105	32	45	38.5	0	26.5
01/06/23	1 0106	25	50	37.5	0	27.5
01/07/23	1 0107	30	36	33	0	32.0
01/08/23	1 0108	23	49	36	0	29.0
01/09/23	1 0109	31	61	46	0	19.0
01/10/23	1 0110	30	59	44.5	0	20.5
01/11/23	1 0111	34	54	44	0.01	21.0
01/12/23	1 0112	27	37	32	0	33.0
01/13/23	1 0113	23	37	30	0	35.0
01/14/23	1 0114	20	50	35	0	30.0
01/15/23	1 0115	41	59	50	0	15.0
01/16/23	1 0116	39	60	49.5	0	15.5
01/17/23	1 0117	34	49	41.5	0	23.5
01/18/23	1 0118	37	41	39	0.44	26.0
01/19/23	1 0119	28	40	34	0.05	31.0
01/20/23	1 0120	27	45	36	0	29.0
01/21/23	1 0121	27	38	32.5	0.09	32.5
01/22/23	1 0122	26	34	30	0.06	35.0
01/23/23	1 0123	23	44	33.5	0	31.5
01/24/23	1 0124	27	40	33.5	0.1	31.5
01/25/23	1 0125	22	36	29	0.2	36.0
01/26/23	1 0126	15	30	22.5	0	42.5
01/27/23	1 0127	30	50	40	0	25.0
01/28/23	1 0128	20	55	37.5	0	27.5
01/29/23	1 0129	13	24	18.5	0	46.5
01/30/23	1 0130	13	22	17.5	0	47.5
01/31/23	1 0131	8	28	18	0	47.0
02/01/23	2 0201	10	41	25.5	0	39.5
02/02/23	2 0202	15	52	33.5	0	31.5
02/03/23	2 0203	9	35	22	0	43.0
02/04/23	2 0204	29	56	42.5	0	22.5
02/05/23	2 0205	28	65	46.5	0	18.5
02/06/23	2 0206	36	72	54	0	11.0
02/07/23	2 0207	33	51	42	0	23.0
02/08/23	2 0208	27	45	36	0.31	29.0
02/09/23	2 0209	32	39	35.5	1.57	29.5
02/10/23	2 0210	19	34	26.5	0	38.5
02/11/23	2 0211	16	46	31	0	34.0

02/12/23	2 0212	28	58	43	0	22.0
02/13/23	2 0213	27	58	42.5	0	22.5
02/14/23	2 0214	41	54	47.5	0.25	17.5
02/15/23	2 0215	31	41	36	0	29.0
02/16/23	2 0216	18	31	24.5	0.06	40.5
02/17/23	2 0217	11	44	27.5	0	37.5
02/18/23	2 0218	32	55	43.5	0	21.5
02/19/23	2 0219	33	56	44.5	0	20.5
02/20/23	2 0220	28	62	45	0	20.0
02/21/23	2 0221	27	58	42.5	0	22.5
02/22/23	2 0222	29	62	45.5	0.08	19.5
02/23/23	2 0223	14	29	21.5	0	43.5
02/24/23	2 0224	11	29	20	0.06	45.0
02/25/23	2 0225	16	46	31	0	34.0
02/26/23	2 0226	30	59	44.5	0.09	20.5
02/27/23	2 0227	41	63	52	0.35	13.0
02/28/23	2 0228	32	60	46	0	19.0
03/01/23	3 0301	34	60	47	0	18.0
03/02/23	3 0302	29	44	36.5	0	28.5
03/03/23	3 0303	34	55	44.5	0.6	20.5
03/04/23	3 0304	33	61	47	0.01	18.0
03/05/23	3 0305	41	71	56	0	9.0
03/06/23	3 0306	38	62	50	0	15.0
03/07/23	3 0307	36	49	42.5	0.16	22.5
03/08/23	3 0308	41	43	42	0.02	23.0
03/09/23	3 0309	36	42	39	0.18	26.0
03/10/23	3 0310	33	39	36	0	29.0
03/11/23	3 0311	33	39	36	0.18	29.0
03/12/23	3 0312	28	44	36	0	29.0
03/13/23	3 0313	24	34	29	0	36.0
03/14/23	3 0314	20	48	34	0	31.0
03/15/23	3 0315	36	64	50	0	15.0
03/16/23	3 0316	28	57	42.5	0.54	22.5
03/17/23	3 0317	23	42	32.5	0.01	32.5
03/18/23	3 0318	15	27	21	0	44.0
03/19/23	3 0319	14	44	29	0	36.0
03/20/23	3 0320	32	62	47	0	18.0
03/21/23	3 0321	41	47	44	0.2	21.0
03/22/23	3 0322	45	54	49.5	0.07	15.5
03/23/23	3 0323	36	50	43	0	22.0
03/24/23	3 0324	35	54	44.5	0.55	20.5
03/25/23	3 0325	35	61	48	0.11	17.0
03/26/23	3 0326	32	45	38.5	0.08	26.5
03/27/23	3 0327	27	51	39	0	26.0
03/28/23	3 0328	32	51	41.5	0.03	23.5
03/29/23	3 0329	31	58	44.5	0	20.5
03/30/23	3 0330	39	71	55	0	10.0
03/31/23	3 0331	40	79	59.5	0	5.5
04/01/23	4 0401	34	59	46.5	0	18.5
04/02/23	4 0402	39	77	58	0	7.0
04/03/23	4 0403	51	71	61	0	4.0
04/04/23	4 0404	43	85	64	0.1	1.0
04/05/23	4 0405	33	52	42.5	0.02	22.5
04/06/23	4 0406	27	59	43	0	22.0
04/07/23	4 0407	34	65	49.5	0	15.5
04/08/23	4 0408	40	68	54	0	11.0
04/09/23	4 0409	46	73	59.5	0	5.5
04/10/23	4 0410	52	69	60.5	0.25	4.5
04/11/23	4 0411	46	77	61.5	0	3.5
04/12/23	4 0412	57	78	67.5	0	-
04/13/23	4 0413	56	80	68	0	-
04/14/23	4 0414	54	81	67.5	0	-
04/15/23	4 0415	41	64	52.5	0.43	12.5
04/16/23	4 0416	38	58	48	0	17.0
04/17/23	4 0417	35	68	51.5	0	13.5
04/18/23	4 0418	51	80	65.5	0	-
04/19/23	4 0419	58	79	68.5	1.42	-
04/20/23	4 0420	41	68	54.5	0.52	10.5

04/21/23	4 0421	40	57	48.5	0	16.5
04/22/23	4 0422	33	48	40.5	0	24.5
04/23/23	4 0423	31	57	44	0	21.0
04/24/23	4 0424	34	67	50.5	0	14.5
04/25/23	4 0425	42	67	54.5	0	10.5
04/26/23	4 0426	46	65	55.5	0	9.5
04/27/23	4 0427	51	67	59	0	6.0
04/28/23	4 0428	51	65	58	0.03	7.0
04/29/23	4 0429	44	74	59	0	6.0
04/30/23	4 0430	42	60	51	0	14.0
05/01/23	5 0501	39	64	51.5	0	13.5
05/02/23	5 0502	42	66	54	0	11.0
05/03/23	5 0503	40	73	56.5	0	8.5
05/04/23	5 0504	44	74	59	0	6.0
05/05/23	5 0505	56	76	66	0.06	-
05/06/23	5 0506	62	91	76.5	0	-
05/07/23	5 0507	63	89	76	0	-
05/08/23	5 0508	57	83	70	0.25	-
05/09/23	5 0509	61	79	70	0.06	-
05/10/23	5 0510	58	83	70.5	0	-
05/11/23	5 0511	63	71	67	0.25	-
05/12/23	5 0512	66	82	74	0	-
05/13/23	5 0513	65	83	74	0	-
05/14/23	5 0514	62	87	74.5	0.02	-
05/15/23	5 0515	57	68	62.5	1	2.5
05/16/23	5 0516	56	71	63.5	0.03	1.5
05/17/23	5 0517	53	82	67.5	0	-
05/18/23	5 0518	58	82	70	0	-
05/19/23	5 0519	49	67	58	0.04	7.0
05/20/23	5 0520	44	71	57.5	0	7.5
05/21/23	5 0521	50	75	62.5	0	2.5
05/22/23	5 0522	53	77	65	0	-
05/23/23	5 0523	58	81	69.5	0	-
05/24/23	5 0524	56	85	70.5	1.29	-
05/25/23	5 0525	62	83	72.5	0	-
05/26/23	5 0526	59	78	68.5	0	-
05/27/23	5 0527	55	78	66.5	0	-
05/28/23	5 0528	56	81	68.5	0	-
05/29/23	5 0529	59	84	71.5	0	-
05/30/23	5 0530	62	85	73.5	0.19	-
05/31/23	5 0531	62	79	70.5	1.19	-
06/01/23	6 0601	65	85	75	0	-
06/02/23	6 0602	65	87	76	0.15	-
06/03/23	6 0603	66	88	77	0	-
06/04/23	6 0604	63	89	76	0	-
06/05/23	6 0605	65	88	76.5	0	-
06/06/23	6 0606	62	88	75	0	-
06/07/23	6 0607	66	91	78.5	0	-
06/08/23	6 0608	67	77	72	0.04	-
06/09/23	6 0609	64	82	73	0	-
06/10/23	6 0610	65	71	68	0.24	-
06/11/23	6 0611	56	74	65	0.5	-
06/12/23	6 0612	51	74	62.5	0	2.5
06/13/23	6 0613	50	80	65	0	-
06/14/23	6 0614	56	85	70.5	0	-
06/15/23	6 0615	58	86	72	0	-
06/16/23	6 0616	62	88	75	0	-
06/17/23	6 0617	67	87	77	0	-
06/18/23	6 0618	61	81	71	1.38	-
06/19/23	6 0619	64	89	76.5	0	-
06/20/23	6 0620	69	87	78	0	-
06/21/23	6 0621	70	88	79	0	-
06/22/23	6 0622	68	87	77.5	0	-
06/23/23	6 0623	65	89	77	0	-
06/24/23	6 0624	73	91	82	0	-
06/25/23	6 0625	67	86	76.5	0	-
06/26/23	6 0626	63	85	74	0	-
06/27/23	6 0627	59	86	72.5	0	-

06/28/23	6 0628	71	95	83	0	-
06/29/23	6 0629	71	93	82	0	-
06/30/23	6 0630	70	96	83	0.21	-
07/01/23	7 0701	65	85	75	0.2	-
07/02/23	7 0702	64	86	75	0	-
07/03/23	7 0703	64	90	77	0	-
07/04/23	7 0704	64	95	79.5	0	-
07/05/23	7 0705	66	81	73.5	0.93	-
07/06/23	7 0706	62	78	70	0	-
07/07/23	7 0707	65	79	72	0	-
07/08/23	7 0708	62	76	69	0.01	-
07/09/23	7 0709	60	82	71	0	-
07/10/23	7 0710	59	86	72.5	0	-
07/11/23	7 0711	68	92	80	0	-
07/12/23	7 0712	73	91	82	0	-
07/13/23	7 0713	71	90	80.5	0	-
07/14/23	7 0714	67	95	81	0.88	-
07/15/23	7 0715	63	87	75	0	-
07/16/23	7 0716	66	84	75	0.88	-
07/17/23	7 0717	69	88	78.5	0	-
07/18/23	7 0718	67	80	73.5	0.11	-
07/19/23	7 0719	71	85	78	0	-
07/20/23	7 0720	69	88	78.5	0	-
07/21/23	7 0721	67	81	74	0	-
07/22/23	7 0722	60	86	73	0	-
07/23/23	7 0723	63	91	77	0	-
07/24/23	7 0724	68	90	79	0.98	-
07/25/23	7 0725	74	92	83	0	-
07/26/23	7 0726	81	98	89.5	0	-
07/27/23	7 0727	74	91	82.5	0	-
07/28/23	7 0728	78	99	88.5	0	-
07/29/23	7 0729	71	88	79.5	0.1	-
07/30/23	7 0730	68	90	79	0.67	-
07/31/23	7 0731	68	82	75	0.44	-
08/01/23	8 0801	74	89	81.5	0.04	-
08/02/23	8 0802	75	83	79	0	-
08/03/23	8 0803	74	86	80	0.49	-
08/04/23	8 0804	72	87	79.5	0	-
08/05/23	8 0805	70	90	80	0	-
08/06/23	8 0806	68	80	74	0.07	-
08/07/23	8 0807	65	80	72.5	0	-
08/08/23	8 0808	66	88	77	0	-
08/09/23	8 0809	68	83	75.5	1.3	-
08/10/23	8 0810	65	87	76	0	-
08/11/23	8 0811	71	94	82.5	0	-
08/12/23	8 0812	70	91	80.5	0	-
08/13/23	8 0813	70	83	76.5	2.91	-
08/14/23	8 0814	62	77	69.5	0	-
08/15/23	8 0815	60	79	69.5	0	-
08/16/23	8 0816	57	82	69.5	0	-
08/17/23	8 0817	63	81	72	0	-
08/18/23	8 0818	59	83	71	0	-
08/19/23	8 0819	69	98	83.5	0	-
08/20/23	8 0820	76	95	85.5	0	-
08/21/23	8 0821	79	96	87.5	0	-
08/22/23	8 0822	77	95	86	0	-
08/23/23	8 0823	79	96	87.5	0	-
08/24/23	8 0824	75	98	86.5	0	-
08/25/23	8 0825	77	103	90	0	-
08/26/23	8 0826	68	82	75	0	-
08/27/23	8 0827	65	81	73	0	-
08/28/23	8 0828	59	83	71	0	-
08/29/23	8 0829	61	87	74	0	-
08/30/23	8 0830	62	84	73	0	-
08/31/23	8 0831	60	83	71.5	0	-
09/01/23	9 0901	59	88	73.5	0	-
09/02/23	9 0902	58	93	75.5	0	-
09/03/23	9 0903	60	94	77	0	-

09/04/23	9 0904	71	96	83.5	0	-
09/05/23	9 0905	65	96	80.5	0.12	-
09/06/23	9 0906	61	78	69.5	0	-
09/07/23	9 0907	53	83	68	0	-
09/08/23	9 0908	61	84	72.5	0.01	-
09/09/23	9 0909	59	85	72	0	-
09/10/23	9 0910	58	86	72	0	-
09/11/23	9 0911	57	71	64	0.08	1.0
09/12/23	9 0912	54	79	66.5	0	-
09/13/23	9 0913	53	81	67	0	-
09/14/23	9 0914	54	82	68	0	-
09/15/23	9 0915	53	84	68.5	0.01	-
09/16/23	9 0916	57	80	68.5	0.08	-
09/17/23	9 0917	53	78	65.5	0	-
09/18/23	9 0918	49	86	67.5	0	-
09/19/23	9 0919	62	85	73.5	0	-
09/20/23	9 0920	62	83	72.5	0	-
09/21/23	9 0921	61	84	72.5	0	-
09/22/23	9 0922	64	77	70.5	0.47	-
09/23/23	9 0923	64	77	70.5	0.24	-
09/24/23	9 0924	60	84	72	0	-
09/25/23	9 0925	56	86	71	0	-
09/26/23	9 0926	58	82	70	0	-
09/27/23	9 0927	56	82	69	0	-
09/28/23	9 0928	61	87	74	0	-
09/29/23	9 0929	63	92	77.5	0	-
09/30/23	9 0930	66	92	79	0	-
10/01/23	10 1001	63	91	77	0	-
10/02/23	10 1002	63	90	76.5	0	-
10/03/23	10 1003	63	86	74.5	0	-
10/04/23	10 1004	60	78	69	0.03	-
10/05/23	10 1005	49	81	65	0	-
10/06/23	10 1006	41	61	51	0.01	14.0
10/07/23	10 1007	37	63	50	0	15.0
10/08/23	10 1008	40	80	60	0	5.0
10/09/23	10 1009	41	68	54.5	0	10.5
10/10/23	10 1010	38	73	55.5	0	9.5
10/11/23	10 1011	56	82	69	0.3	-
10/12/23	10 1012	61	77	69	0	-
10/13/23	10 1013	51	65	58	0	7.0
10/14/23	10 1014	49	57	53	0.05	12.0
10/15/23	10 1015	42	54	48	0.07	17.0
10/16/23	10 1016	38	65	51.5	0	13.5
10/17/23	10 1017	36	71	53.5	0	11.5
10/18/23	10 1018	48	64	56	0.03	9.0
10/19/23	10 1019	50	72	61	0	4.0
10/20/23	10 1020	48	80	64	0	1.0
10/21/23	10 1021	49	80	64.5	0	0.5
10/22/23	10 1022	47	72	59.5	0	5.5
10/23/23	10 1023	62	86	74	0	-
10/24/23	10 1024	60	70	65	0.93	-
10/25/23	10 1025	63	68	65.5	1.3	-
10/26/23	10 1026	66	77	71.5	0.25	-
10/27/23	10 1027	34	67	50.5	0.01	14.5
10/28/23	10 1028	30	39	34.5	0.49	30.5
10/29/23	10 1029	29	37	33	0	32.0
10/30/23	10 1030	25	41	33	0	32.0
10/31/23	10 1031	20	41	30.5	0	34.5
11/01/23	11 1101	18	50	34	0	31.0
11/02/23	11 1102	32	62	47	0	18.0
11/03/23	11 1103	47	67	57	0	8.0
11/04/23	11 1104	41	56	48.5	0	16.5
11/05/23	11 1105	36	69	52.5	0	12.5
11/06/23	11 1106	55	72	63.5	0	1.5
11/07/23	11 1107	53	75	64	0	1.0
11/08/23	11 1108	50	68	59	0	6.0
11/09/23	11 1109	35	59	47	0	18.0
11/10/23	11 1110	33	54	43.5	0	21.5

11/11/23	11 1111	34	52	43	0	22.0
11/12/23	11 1112	36	68	52	0	13.0
11/13/23	11 1113	39	69	54	0	11.0
11/14/23	11 1114	41	68	54.5	0	10.5
11/15/23	11 1115	44	70	57	0	8.0
11/16/23	11 1116	44	61	52.5	0	12.5
11/17/23	11 1117	37	57	47	0	18.0
11/18/23	11 1118	32	63	47.5	0	17.5
11/19/23	11 1119	45	55	50	0.24	15.0
11/20/23	11 1120	41	45	43	0.54	22.0
11/21/23	11 1121	30	45	37.5	0	27.5
11/22/23	11 1122	24	50	37	0	28.0
11/23/23	11 1123	31	50	40.5	0	24.5
11/24/23	11 1124	26	36	31	0	34.0
11/25/23	11 1125	26	33	29.5	0.33	35.5
11/26/23	11 1126	22	37	29.5	0.1	35.5
11/27/23	11 1127	20	40	30	0	35.0
11/28/23	11 1128	17	41	29	0	36.0
11/29/23	11 1129	25	54	39.5	0	25.5
11/30/23	11 1130	40	51	45.5	0.33	19.5
12/01/23	12 1201	31	40	35.5	0.38	29.5
12/02/23	12 1202	25	38	31.5	0.01	33.5
12/03/23	12 1203	31	46	38.5	0.02	26.5
12/04/23	12 1204	31	49	40	0.01	25.0
12/05/23	12 1205	26	48	37	0	28.0
12/06/23	12 1206	23	54	38.5	0	26.5
12/07/23	12 1207	45	66	55.5	0	9.5
12/08/23	12 1208	44	60	52	0.08	13.0
12/09/23	12 1209	32	48	40	0	25.0
12/10/23	12 1210	23	46	34.5	0	30.5
12/11/23	12 1211	28	51	39.5	0	25.5
12/12/23	12 1212	30	43	36.5	0	28.5
12/13/23	12 1213	32	50	41	0	24.0
12/14/23	12 1214	31	55	43	0	22.0
12/15/23	12 1215	43	54	48.5	0.59	16.5
12/16/23	12 1216	38	45	41.5	0.14	23.5
12/17/23	12 1217	26	52	39	0	26.0
12/18/23	12 1218	22	39	30.5	0	34.5
12/19/23	12 1219	21	50	35.5	0	29.5
12/20/23	12 1220	36	54	45	0	20.0
12/21/23	12 1221	51	56	53.5	0.01	11.5
12/22/23	12 1222	46	53	49.5	0.26	15.5
12/23/23	12 1223	44	57	50.5	0	14.5
12/24/23	12 1224	40	58	49	0.92	16.0
12/25/23	12 1225	31	40	35.5	0.45	29.5
12/26/23	12 1226	30	34	32	0.1	33.0
12/27/23	12 1227	32	35	33.5	0.07	31.5
12/28/23	12 1228	32	42	37	0.01	28.0
12/29/23	12 1229	28	45	36.5	0	28.5
12/30/23	12 1230	26	48	37	0	28.0
12/31/23	12 1231	28	33	30.5	0	34.5

From: [Yonce, David](#)
To: [Abbott, Michael](#); [Johnson, Julie](#)
Cc: [Thomason, Tyrone](#)
Subject: RE: GR-2025-0107 4/25 meeting - follow up items
Date: Wednesday, May 21, 2025 4:23:39 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)
[image009.png](#)

Hi Michael,

I think a call would be helpful. I've responded to some of the questions below in red, but please let me know your availability for a call. I think it will be easier to talk through some of these things.

Thanks,

David Yonce

314.281.1191 Mobile

From: Abbott, Michael <Michael.Abbott@psc.mo.gov>
Sent: Wednesday, May 21, 2025 2:08 PM
To: Johnson, Julie <Julie.Johnson@spireenergy.com>; Yonce, David <David.Yonce@spireenergy.com>
Cc: Thomason, Tyrone <Tyrone.Thomason@psc.mo.gov>
Subject: RE: GR-2025-0107 4/25 meeting - follow up items

Thank Julie for the follow up.

In addition to the below items/responses – I have questions regarding the proposed Conservation Adjustment. If you guys would rather have a meeting regarding the questions below, I am all for it. Basically, my questions are focused to help Spire sell the adjustment to PSC. If you guys want me to submit DRs, I am fine with that approach also.

My questions are as follows:

1. Is the Conservation Adjustment change to the revenue requirement to be completed during rate cases or annually like the WNAR? **Our proposal would be to make this adjustment as part of the rate case rather than it be an annual filing. Doing this is a simpler approach and honestly results in a smaller adjustment which is more favorable to our customers. We're open to coupling it with the WNAR or even having a separate adjustment if that's what's agreed to.**
2. Is the Conservation Adjustment a part of the WNAR or a separate adjustment? **Separate adjustment.**
 - a. If the it is separate or part of the WNAR, it appears that with the use of HDD/temperature that there is a "double-dipping" of weather impacts. If this is incorrect (hopefully it is), please explain. **There is no double-dipping. The conservation adjustment and the WNAR mechanism account for two entirely different things.**

WNAR is intended to adjust revenue for normal weather. The conservation adjustment is intended to adjust revenue for declining use per customer not attributed to weather.

3. In the workpaper submitted in response to DR 0270, why does column G (East and West tab) only sum up Nov-18 to Oct-19. With the data starting with Oct-18, shouldn't the calculations in column G start with Oct-19 to Sep-19? **I think this will be easier to address on a call.**
4. Where do the values -0.907 (East tab, cell J13) and -0.6155 (West tab, cell J13) come from? **I think this will be easier to address on a call, but these are the coefficients from the trendlines on the charts.**
5. In both the 10 Yr tabs, what is the purpose of the precip(in) – column G? **It is not being used. It was simply part of the raw data that was used for those sheets.**
6. How does the Conservation Adjustment focus specifically on conservation impacts? I think if this question can be answered with specification – it may help sale the adjustment to Commission approval. **The conservation adjustment is based on use per customer and is weather-normalized. Therefore, it accounts for any changes in customer count, and it also accounts for weather impacts (i.e. it removes any impacts associated with weather), so we're able to confidently say that the adjustment is not impacted by customer count or weather. Any other impacts that could impact use per customer should be consistent across each year being analyzed in the dataset besides energy efficiency measures and conservation. Homes are becoming more and more efficient as old windows are replaced and higher efficiency appliances are installed. We support many of these programs through our energy efficiency programs.**
7. In cell J78 for both the East and West tab, the value is calculated with the average of the winter billing months (Nov – April) and Summer Billing Months for the first 50 Ccfs used per month. Please explain why this approach was used. **This was a simple approach to the calculation. We are open to a more sophisticated calculation and can easily spread the annual use per customer values over the appropriate months based on an average customer for a more accurate calculation. However, given that our winter rates are higher than our summer rates, and most usage occurs in the winter, I'm guessing this will result in a larger adjustment.**
 - a. What does the average between these two values indicate? Does this average the bills per summer and winter or is it a straight average between the values?

(0.36538,0.32877))

Michael Abbott, Senior Project Manager

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20 year badge2		White Belt	Yellow Belt
			

From: Johnson, Julie <Julie.Johnson@spireenergy.com>

Sent: Wednesday, May 21, 2025 12:52 PM

To: Abbott, Michael <Michael.Abbott@psc.mo.gov>; Reynolds, Melissa <Melissa.Reynolds@psc.mo.gov>; Fontaine, Sarah <Sarah.Fontaine@psc.mo.gov>; Thomason, Tyrone <Tyrone.Thomason@psc.mo.gov>; Ferguson, Lisa <lisa.ferguson@psc.mo.gov>; King, Contessa <contessa.king@psc.mo.gov>

Cc: Yonce, David <David.Yonce@spireenergy.com>; Antrainer, Shelly <Shelly.Antrainer@spireenergy.com>; Bouselli, Eric <Eric.Bouselli@spireenergy.com>; Lavin, Trisha <Trisha.Lavin@spireenergy.com>
Subject: RE: GR-2025-0107 4/25 meeting - follow up items

Hi everyone –

I wanted to follow up on a few of our items –

Items Spire still needs to provide –

- Delayed transfer cases created during the disconnection pause (3/10/25-4/2/25) There were 1378 MOW delayed transfer cases created and 1307 MOE cases created during the disconnection pause (3/10/25 – 4/2/25). Once disconnections resumed, some of the cases that were created at the end of March/beginning of April could have been completed.
- Back billed report broken out by cycle The Company set up a meeting for Friday, June 6th with Staff to discuss any adjustments to bill counts. The required data by bill cycle would require significant data analysis.
- Unbilled usage revenue We are currently verifying the report to limit the unbilled usage to the test year period.

If you have any questions, please let me know.

Julie Johnson
Manager, Tariffs and Rates

700 Market Street
St. Louis, MO 63101
314.574.6636 Mobile

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From: Johnson, Julie
Sent: Wednesday, April 30, 2025 1:52 PM
To: Abbott, Michael <Michael.Abbott@psc.mo.gov>; Reynolds, Melissa <Melissa.Reynolds@psc.mo.gov>; sarah.fontaine@psc.mo.gov; Thomason, Tyrone <Tyrone.Thomason@psc.mo.gov>; Ferguson, Lisa <lisa.ferguson@psc.mo.gov>; Contessa Poole-King <contessa.king@psc.mo.gov>
Subject: GR-2025-0107 4/25 meeting - follow up items

Please forward to anyone I missed.

Thanks for meeting with us last week – below are updates to the action items/questions we

needed to respond to –

- EGM charge – where is this included in the daily revenue files? [This is included in the customer charge.](#)
- Daily revenue reports (March) – [supplemented in DR 109 on 4.25.25](#)
- DR 207.1 supplemental response explaining why data provided includes adjustments starting in October 2023? [Supplemented in DR 207.1 on 4.30.25](#)
- Sample of impacted customer bills from each rate class that contained a back bill – [please see attached sample bills – confidential pursuant to 20 CSR 4240-2.135 \(2\)\(A\) 1.](#)
- Why LV/Transportation are on report – for LV and Transportation, estimates are usually not used. [If we receive a read outside of the billing window, the next month might show 2 bills, which would then show as a back billed account.](#)

Items Spire still needs to provide –

- Delayed transfer cases created during the disconnection pause (3/10/25-4/2/25)
- Back billed report broken out by cycle
- Unbilled usage revenue

Julie Johnson

Manager, Tariffs and Rates

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From: Abbott, Michael <Michael.Abbott@psc.mo.gov>

Sent: Thursday, April 24, 2025 12:50 PM

To: Johnson, Julie <Julie.Johnson@spireenergy.com>; Yonce, David <David.Yonce@spireenergy.com>; Antrainer, Shelly <Shelly.Antrainer@spireenergy.com>; Lavin, Trisha <Trisha.Lavin@spireenergy.com>

Cc: Thomason, Tyrone <Tyrone.Thomason@psc.mo.gov>; Stacey, Scott <Scott.Stacey@psc.mo.gov>; King, Contessa <contessa.king@psc.mo.gov>; Reynolds, Melissa <Melissa.Reynolds@psc.mo.gov>; Gateley, Curtis <Curtis.Gateley@psc.mo.gov>; Ferguson, Lisa <lisa.ferguson@psc.mo.gov>; Majors, Keith <keith.majors@psc.mo.gov>

Subject: RE: GR-2025-0107 4/25 meeting

Julie and Spire team

I received a few more questions, which we can discuss during the meeting tomorrow. The questions

are as follows:

- 1. Customers that were back-billed for multiple months, up to 12, did this include the monthly fixed customer charge for each month being back-billed?
- 2. Can usage be provided in blocks and season, if appropriate, for Residential, LV, and LV Transportation classes impacted?
- 3. Since LV customers were impacted, how were Demand charges addressed for this back-billing?
- 4. Since LV Transportation for MOW was impacted, how were EGM charges addressed for this back-billing?
- 5. Since LV Transportation for MOW was impacted, did any of these customers have additional or more than 2 meters if fixed monthly customer charges were addressed in back-billing?
- 6. May we get a copy of 1 impacted customer bill that contains back-billing from each rate class impacted as an example and verification of billing?

Like the other questions/items provided yesterday, we will most likely ask that the response be provided as a supplement to an existing DR.

Thank you.

Michael Abbott, Senior Project Manager

Water, Sewer, Gas & Steam Department, Missouri Public Service Commission
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From: Johnson, Julie <Julie.Johnson@spireenergy.com>
Sent: Wednesday, April 23, 2025 4:08 PM
To: Abbott, Michael <Michael.Abbott@psc.mo.gov>; Yonce, David <David.Yonce@spireenergy.com>; Antrainer, Shelly <Shelly.Antrainer@spireenergy.com>; Lavin, Trisha <Trisha.Lavin@spireenergy.com>
Cc: Thomason, Tyrone <Tyrone.Thomason@psc.mo.gov>; Stacey, Scott <Scott.Stacey@psc.mo.gov>; King, Contessa <contessa.king@psc.mo.gov>; Reynolds, Melissa <Melissa.Reynolds@psc.mo.gov>; Gateley, Curtis <Curtis.Gateley@psc.mo.gov>; Ferguson, Lisa <lisa.ferguson@psc.mo.gov>; Majors, Keith <keith.majors@psc.mo.gov>
Subject: RE: GR-2025-0107 4/25 meeting

Hi Michael – thanks for sending this. We will be ready to discuss the items you mentioned below. We do not have anything additional.

Thanks!

Julie Johnson
Manager, Tariffs and Rates

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314.574.6636 Mobile

SpireEnergy.com



From: Abbott, Michael <Michael.Abbott@psc.mo.gov>
Sent: Wednesday, April 23, 2025 3:00 PM
To: Johnson, Julie <Julie.Johnson@spireenergy.com>; Yonce, David <David.Yonce@spireenergy.com>; Antrainer, Shelly <Shelly.Antrainer@spireenergy.com>; Lavin, Trisha <Trisha.Lavin@spireenergy.com>
Cc: Thomason, Tyrone <Tyrone.Thomason@psc.mo.gov>; Stacey, Scott <Scott.Stacey@psc.mo.gov>; King, Contessa <contessa.king@psc.mo.gov>; Reynolds, Melissa <Melissa.Reynolds@psc.mo.gov>; Gateley, Curtis <Curtis.Gateley@psc.mo.gov>; Ferguson, Lisa <lisa.ferguson@psc.mo.gov>; Majors, Keith <keith.majors@psc.mo.gov>
Subject: GR-2025-0107 4/25 meeting

⚠ External email

Julie and Spire team:

We wanted to give the Spire team an update regarding discussion items for the Friday April 25th meeting. The PSC team met today to discuss the impacts of the MOE Bill Adj by Customer Class and MOW Bill Adj by Customer Class worksheets received in response to our previous meeting (I think it was on April 11th).

Below are the items we would like to discuss:

1. Can the data provided for the Customer Bills Adjustment related to the back-billing/"artificial inflation" please be provided broken down by billing cycle as requested in DR 0169/DR 0109? This is required for weather normalization. We are requesting that this data be submitted as well as the MOE Bill Adj by Customer Class and MOW Bill Adj by Customer Class worksheets as a supplement to DR 0109 so that all customer data is in one location.
2. It was mentioned in meetings and a DR response that investigating these meters without accounts started in March 2024. Can the Spire team provide an explanation why data provided includes adjustments starting in October 2023? We are also requesting this to be a submitted as a supplement to DR 207.1.
3. Continuing from item 2 above. Please provide when the tickets were caught up and no

additional adjustment are needed. We believe that it was mentioned in a meeting that the back-billing was caught up December 2024. Is this correct? If it is expected to extend beyond December 2024, when can we expect to see data for January through true-up May 2025? We are also requesting this information be submitted as a supplement to DR 0109 and DR 0207.1.

We may have additional items/questions. If one of the case coordinators receive additional items to cover, we will send them your way immediately. If you have any questions, please do not hesitate to contact us. Thank you.

Michael Abbott, Senior Project Manager

Water, Sewer, Gas & Steam Department, Missouri Public Service Commission

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