metrovancouver

2022 Annual Report

The 2022 Annual Report was sent to the Ministry of Environment and Climate Change Strategy on March 31, 2023.

Metro Vancouver - Waste-to-Energy Facility

CONTINUOUS EMISSION MONITORING SYSTEM

2022 Annual Emission Report

1. ANNUAL SUMMARY REPORT

Parameter	Limit (mg/m^3)	Compliance Period	Maximum Measurement (mg/m^3)		
			Unit 1	Unit 2	Unit 3
Carbon Monoxide (CO)	50	24 hr	**44.2**	**37.5**	**42.6**
Sulphur Dioxide (SO_2)	200	24 hr[(1)]	**170.0**	**187.5**	**181.9**
Nitrogen Oxides (NO_x)	190	24 hr	**159.6**	**166.2**	**154.0**
Total Hydrocarbons	10	24 hr	**0.70**	**1.02**	**0.67**
			Annual Average (mg/m^3)		
			Unit 1	Unit 2	Unit 3
Opacity			**0.7**	**0.7**	**0.6**
Carbon Monoxide (CO)			**26.4**	**23.0**	**26.5**
Sulphur Dioxide (SO_2)			**61.2**	**71.6**	**65.8**
Nitrogen Oxides (NO_x)			**127.3**	**129.9**	**133.5**
Total Hydrocarbons			**0.1**	**0.1**	**0.2**

1. Interim Discharge Limits will apply until and including the following dates, at which point the Discharge Limits will apply:

a. HCl – December 31, 2025

b. SO_2 – December 31, 2025

2. ANNUAL EXCEEDANCE REPORT

2.a. Discharge Limit Exceedances

Unit	Compliance Parameter	Discharge Limit (mg/dscm)	Date	Exceedance Level

2.b. 30 Minute Response Limit Exceedances Summary
Carbon Monoxide

	Unit 1	Unit 2	Unit 3
January	7	5	6
February	13	2	11
March	7	1	13
April	15	3	5
May	9	9	12
June	10	6	2
July	11	4	4
August	12	11	4
September	12	10	3
October	7	1	3
November	2	6	6
December	2	2	8
Total	**107**	**60**	**77**

Total Hydrocarbons

	Unit 1	Unit 2	Unit 3
January			
February			
March			
April			
May			
June			
July		1	
August			
September			
October			
November			
December			
Total	0	1	0

Nitrogen Oxides

	Unit 1	Unit 2	Unit 3
January			
February	2		
March			
April			
May			
June			
July		1	
August			
September			
October			
November			
December			
Total	2	1	0

Opacity

	Unit 1	Unit 2	Unit 3
January			
February		1	
March			
April			
May			
June			
July		1	
August			
September			
October			1
November			
December			
Total	0	2	1

2.c. Transient Conditions

Gas Burners unavailable during shutdown and furnace temperature average below 800C

Unit	Duration	Date	Time
#2	1 hr 25 min	11-Feb-22	16:05-17:30
#2	38 minutes	24-Feb-22	03:10-03:48
#1	8 minutes	24-Mar-22	13:02-13:10
#1	20 minutes	24-Mar-22	17:44-18:04
#1	1 hr 2 min	27-Mar-22	14:55-15:57
#1	20 minutes	27-Mar-22	23:10-23:30
#1	16 minutes	28-Mar-22	02:31-02:47
#1	27 minutes	April 30 2022	12:30-12:57
#3	11 minutes	April 30 2022	16:40-16:51
#3	10 minutes	4-May-22	16:44-16:54
#3	1 hr 11 min	May 7-8, 2022	23:21-00:32
#1	3 hrs 2 min	21-Jun-22	19:01-22:03
#2	3 hrs 46 min	21-Jun-22	19:01-22:47
#3	2 hrs 45 min	21-Jun-22	19:01-21:46
#1	2 hrs 54 min	26-Jun-22	09:01-11:55
#2	3 hr 14 min	26-Jun-22	09:01-12:15
#3	4 hr 38 min	26-Jun-22	09:01-13:39

3. ANALYZER AVAILABILITY

Analyzer	Required Availability (% hours per annum)	Averaging Period	Annual Availability		
			Unit 1	Unit 2	Unit 3
Opacity	95	Hour	99.9%	99.8%	99.9%
Oxygen	95	Hour	98.5%	98.5%	99.0%
Carbon Monoxide (CO)	95	Hour	98.5%	98.5%	99.0%
Sulphur Dioxide (SO_2)	95	Hour	98.5%	98.5%	99.0%
Nitrogen Oxides (NO_x)	95	Hour	98.5%	98.5%	99.0%

4. ANNUAL MANUAL STACK TESTING SUMMARY

Manual Stack Tests:	Units	Discharge Regulatory Limit	Maximum Value		
			Unit 1	Unit 2	Unit 3
Particulate Matter	mg/dscm	9	3.24	1.04	4.72
HF	mg/dscm	1	0.01	0.01	0.02
Hg	ug/dscm	20	0.10	0.04	0.10
Cd	ug/dscm	7	3.30	0.10	1.40
Sum of Lead (Pb), Arsenic (As), Chromium (Cr)	ug/dscm	64	6.80	4.80	24.20

Trace Organics Tests:				Unit 3
PCDD/PCDF	ng/dscm	0.08		ND
Chlorophenols	ug/dscm	1		0.006
Chlorobenzenes	ug/dscm	1		0.224
PAH's	ug/dscm	5		0.173
PCB	ug/dscm	1		0.017

Manual Stack Tests:	Units	Annual Average		
		Unit 1	Unit 2	Unit 3
Particulate Matter	mg/dscm	1.37	0.43	2.84
HF	mg/dscm	0.01	0.01	0.01
Hg	ug/dscm	0.06	0.03	0.07
Cd	ug/dscm	1.04	0.09	0.73
Sum of Lead (Pb), Arsenic (As), Chromium (Cr)	ug/dscm	4.55	3.43	12.03

5. SHUTDOWN REPORT

Reason	Hours		
	Unit 1	Unit 2	Unit 3
Annual Scheduled Maintenance Outages	363	380	354
Unplanned Maintenance Outages	384	525	385
Waste Quality	14	4	6

6. FACILITY BYPASS AND EMERGENCY/SPILL EVENT REPORT

Date/Time	Duration	Cause	Action Taken

7. OVERVIEW OF PLANT PERFORMANCE AND OPERATIONAL INFORMATION

Summaries/interpretation of compliance and complaints information	16 transient condition exceedances reported in section 2. No other compliance issues reported.
	No complaints were received.
Status of Operations and Maintenance of Various Equipment	Scheduled outages were completed on all three boilers. The turbogenerator ran with an annual availability of 98.3%. There were a total of 14 turbogenerator outages resulting in 148.7 hours offline.
Incidences of Emergencies and Response Measures Implemented	No incidents reported.
Evaluation of monitoring programs	All monitoring programs were completed as per the Operational Certificate. Manual stack testing was completed on February 14-17, 2022, May 9-12, 2022, July 18-19, 2022, July 28-29, 2022, Sept 7-8, 2022, July 25-27, 2022 (semi-volatile organics) and November 14-16, 2022, and November 18, 2022

Bottom ash and fly ash disposal method	Both bottom and fly ash are treated with a patented system used throughout the industry to inhibit metals leaching. Bottom ash was disposed at the Vancouver Landfill. Fly ash was disposed at the Columbia Ridge Landfill and Recycling Center located in Arlington, Oregon. Prior to hauling, each fly ash load is tested by an independent laboratory to confirm the material meets disposal criteria. One load did not meet the criteria for disposal and were reprocessed on site. The failed load was due to an inconsistent fly ash flow which impacted the fly ash to phosphoric acid mixing ratio. The remaining fly ash loads were released for disposal.

Overview of Plant Performance			
	Plant Availability	%	**90.6%**
	Waste Received	Tonnes	**233,052**
	Waste Processed	Tonnes	**234,847**
	Energy Generated	MWh	**160,150**
	Natural Gas Consumed	GJ	**67,813**
	Bottom Ash	Tonnes	**37,281**
	Fly Ash	Tonnes	**10,044**
	Ferrous Metal	Tonnes	**4,678**
	Non-Ferrous Metal	Tonnes	**286**

Summary of operation; performance, and maintenance of emissions control devices3/28/2023

CEMS Calibration Data	Date Calibrated	Description of Calibration
Opacity	Daily	RATA tests on Units 1, 2, and 3 were completed June 14-16, results were within the minimum requirements, but a second RATA was recommended. Analysers are calibrated daily against a zero value and a known reference value. A second RATA was completed on November 29th. All parameters were within the required tolerance.
Oxygen	Daily	
CO	Daily	
SO2	Daily	
NOx	Daily	

2022 CEMS DATA

	Boiler #1								Boiler #2								Boiler #3							
	Stack	O2	SO2	NOx	CO	THC	Opacity	Furnace	Stack	O2	SO2	NOx	CO	THC	Opacity	Furnace	Stack	O2	SO2	NOx	CO	THC	Opacity	Furnace
Date	Temp	(%)	(mg/m³)	(mg/m³)	(mg/m³)	(mg/m³)	(%)	Temp	Temp	(%)	(mg/m³)	(mg/m³)	(mg/m³)	(mg/m³)	(%)	Temp	Temp	(%)	(mg/m³)	(mg/m³)	(mg/m³)	(mg/m³)	(%)	Temp
1/1/22	156	9.1	41	126.3	22.5	0.00	0.55	945	152	9.1	43	128.3	25.6	0.10	0.10	929	154	8.6	44.6	132.2	25	0.21	0.38	923
1/2/22	155	9.3	44.1	127.6	31.4	0.02	0.48	927	150	9.1	33.7	127.4	26.7	0.09	0.06	910	154	8.2	41.8	131.4	25.7	0.27	0.30	914
1/3/22	154	9.2	40.6	125.8	25.6	0.00	0.44	928	150	9.7	26.3	127.6	27.4	0.12	0.01	899	156	8.3	44.3	131.4	29.5	0.25	0.25	908
1/4/22	152	9.6	35	126.6	29	0.11	0.44	929	148	9.9	18.6	126.2	25.3	0.06	0.12	889	157	9	43.6	133.6	28.8	0.27	0.29	899
1/5/22	153	10	38.8	129.9	30.8	0.01	0.52	905	152	10	19	129.7	25.9	0.03	0.02	892	157	9.1	41.1	134.2	25.1	0.27	0.36	895
1/6/22	152	9.5	34.4	125.6	20.5	0.00	0.54	911	150	9.9	24.3	127	21	0.03	0.01	894	156	9	41.7	131.5	25.7	0.24	0.38	888
1/7/22	153	9.4	49.1	129	28.5	0.01	0.46	915	151	9.6	48	128.6	26.8	0.13	0.02	906	156	8.9	47.4	130.5	29.4	0.26	0.26	894
1/8/22	153	9.4	42	126	25.2	0.00	0.54	911	152	9.4	35.5	127	29.8	0.07	0.10	917	155	8.7	42.4	130.1	26.2	0.22	0.27	907
1/9/22	154	9.4	54.9	125	25.5	0.01	0.57	927	152	9.5	49.2	124.8	24.1	0.06	0.17	919	155	8.8	47.8	129.6	24.8	0.25	0.31	913
1/10/22	156	9.8	37.9	128.4	23.6	0.02	0.48	910	153	9.9	25.6	126.6	27	0.11	0.00	898	156	8.6	35.8	129.5	28.1	0.27	0.32	919
1/11/22	155	9.3	55.5	128.3	28.2	0.02	0.45	938	150	9.8	59	127.4	23	0.08	0.00	916	156	8.5	58	130.4	28.6	0.23	0.27	929
1/12/22	156	9.5	33.5	128.4	30.9	0.05	0.46	920	148	10.4	19	127.9	23	0.03	0.01	891	157	8.6	34	130.9	27.2	0.23	0.27	908
1/13/22	156	9.5	28.5	129.6	24.6	0.01	0.43	916	150	10.5	17.4	129.8	21.8	0.07	0.07	892	156	8.7	30.3	130.2	31.9	0.32	0.23	906
1/14/22	153	9.7	26.6	127.3	26.9	0.00	0.43	918	151	10.7	19.8	127.5	25.2	0.20	0.54	881	156	8.8	33.3	130.8	30.8	0.30	0.30	901
1/15/22	152	9.6	41.6	128.9	25.7	0.00	0.44	918	146	10.4	28.9	124.7	28.7	0.11	0.58	906	152	8.6	41.4	129.6	30.6	0.24	0.31	915
1/16/22	152	9.4	34.4	126.7	23	0.00	0.52	922	148	10.2	23.9	126.9	33.1	0.24	0.66	915	154	8.6	38.5	129.9	29.9	0.24	0.34	907
1/17/22	150	9.3	30.8	125.3	22.7	0.17	0.51	932	146	10.1	27.1	127.9	29	0.09	0.37	911	154	8.6	34.9	129.9	29.5	0.23	0.34	898
1/18/22	155	9.6	61.6	127	28	0.59	0.59	931	145	10.2	44.5	127.9	25.4	0.10	1.16	914	154	8.6	42.7	132.5	28.4	0.25	0.33	914
1/19/22	153	9.6	42.7	128.8	31	0.01	0.56	932	143	10.3	26.5	126.1	21.7	0.10	1.25	920	152	8.9	37.3	130.6	33.4	0.24	0.32	914
1/20/22	152	9.6	45.1	128.1	29.3	0.00	0.66	925	143	10.3	31	129.3	19.4	0.11	0.72	908	152	8.8	43.9	131.2	31.6	0.24	0.33	921
1/21/22	154	9.6	44.6	128	35.1	0.11	0.83	918	142	10.6	34.7	125.4	24.2	0.07	1.25	909	152	8.7	46.7	133.1	22.1	0.20	0.36	922
1/22/22	154	9.5	54	127.1	26.3	0.00	0.97	939	141	10.8	31.8	125.3	27.6	0.08	0.66	902	153	8.7	37.9	130.8	28.5	0.18	0.37	922
1/23/22	154	9.4	59.9	130.3	20.9	0.00	1.24	948	142	10.8	32.8	146	20.6	0.10	0.85	915	151	8.7	43.1	153.7	24.3	0.17	0.41	932
1/24/22	155	9.3	40.5	127.1	31	0.00	1.60	948	142	11	29.5	128.7	28.4	0.15	0.78	898	154	8.4	40.6	134.6	23	0.16	0.41	941
1/25/22	155	9.8	52.6	126.2	35.5	0.00	1.68	938	138	11.4	30.4	123.4	29.2	0.11	0.62	897	155	9.3	58	131.9	25.7	0.15	0.42	921
1/26/22	152	9.5	65.2	126.3	29.3	0.01	1.33	935									151	9.1	58.9	128.8	38.5	0.21	0.42	919
1/27/22	151	9.8	61.1	126.2	28.7	0.07	0.43	949	144	9.8	90.3	132.3	22	0.13	1.60	935	150	9.3	59.6	128.8	25.8	0.11	0.41	914
1/28/22	150	9.6	51.2	126.7	25.1	0.00	0.34	955	145	10.1	82	131	16.5	0.05	1.43	924	151	9.4	56	130.3	24.4	0.16	0.46	915
1/29/22	148	9.6	45.1	125.4	24.2	0.00	0.36	957	146	9.8	88.4	129.6	15.2	0.05	1.37	936	152	8.8	57.6	129.3	24.9	0.16	0.45	925
1/30/22	149	9.8	42.7	125.8	25.4	0.01	0.33	919	147	10.4	78.3	130.9	22.2	0.06	0.80	901	152	8.8	48.5	128.9	32.2	0.22	0.47	900
1/31/22	152	9.9	54.8	124.2	28.7	0.03	0.32	907	147	10	93.7	128.7	25.8	0.17	0.38	909	152	9.2	49.9	127.6	24.7	0.18	0.46	906
2/1/22	151	9.8	60.3	124.8	27.6	0.01	0.37	946	145	10	84	129.4	21.7	0.06	1.11	937	150	9.7	54.3	128.2	30.4	0.25	0.48	918
2/2/22	152	10	68.6	121.9	41.9	0.02	0.46	954	144	10.1	108.7	130.3	20.6	0.03	1.81	930								
2/3/22	152	9.3	89.9	122	29.1	0.02	0.53	966	145						1.75	920	156	8.6	111.5	132	32.3	0.22	0.49	925
2/4/22	153						0.46	938	146	9.9	71	128.8	25.7	0.04	2.24	913	154	8.8	70.7	129.5	29	0.21	0.43	920
2/5/22	153	9.5	58.9	120.7	19.8	0.00	0.66	936									156	9.2	104.1	129.7	26.5	0.22	0.48	924
2/6/22	153	9.6	76.5	122	21.4	0.03	0.73	958									158	9.3	113.3	132	22.4	0.23	0.51	932
2/7/22	151	9.6	29	121.4	21.6	0.00	0.73	958	150	10	67	128	22.3	0.10	0.91	926	158	8.8	71.7	133.9	21.7	0.22	0.43	928
2/8/22	152	10.6	25.8	118.1	31.9	0.10	0.75	929	146	10.5	75.5	127.8	15.9	0.08	1.02	938	156	9.2	67.5	131.2	24.6	0.19	0.47	959
2/9/22									147	10	90.5	127	18	0.08	0.61	954	153	8.7	78.9	132.2	27.1	0.19	0.34	953
2/10/22									148	10.1	122.3	125.4	22	0.07	0.61	926	156	9.1	98.1	130.1	28.7	0.24	0.26	933
2/11/22	156	9.4	167.4	127.9	23.4	0.01	0.74	947									155	9.1	114	128.3	28.5	0.19	0.33	942
2/12/22	153	9.9	145.4	130.2	20.3	0.02	0.78	948	145	9.9	110.8	125.4	16.4	0.04	1.80	954	156	9.1	98.1	132.1	23.9	0.16	0.38	944
2/13/22	153	9.2	117.3	146.9	24.9	0.11	0.54	962	146	10.2	94.1	146.9	18.3	0.10	1.88	944	156	9.5	67.6	145.6	29.3	0.28	0.36	909
2/14/22	156	9.1	90.6	128.5	27	0.01	0.51	945	147	10.2	63.8	130.6	24.9	0.13	1.30	920	153	8.5	45.5	130.1	26.4	0.25	0.31	919
2/15/22	156	9	98.5	127.1	18.7	0.00	0.87	963	147	10.3	77.7	138.9	21	0.05	1.33	925	155	8.5	53.1	140.5	26	0.23	0.29	943
2/16/22	155	9.2	85.5	128.3	31	0.00	1.59	955	145	10.3	67.3	130.5	20.2	0.07	1.67	937	154	8.8	50.5	133.4	28.4	0.20	0.30	927
2/17/22	156	9.1	80.9	126.2	26.6	0.01	1.09	940	147	10.3	64.3	146.1	15	0.04	1.08	940	154	9	57.7	142.8	29.7	0.27	0.33	920
2/18/22	154	9.2	76.7	127	36.5	0.00	0.34	947	147	10.5	55.6	153.1	20.3	0.07	1.00	928	155	9.6	54.8	141	37.6	0.28	0.33	909
2/19/22	154	9.2	71.9	127.8	39.4	0.01	0.37	951	147	10.1	64.4	150.6	17.5	0.08	0.81	935	152	9.5	53	139.1	32.6	0.22	0.35	905
2/20/22	154	9	80	135.3	26.1	0.04	0.42	956	146	9.7	56.9	139.7	17.8	0.06	0.81	943	151	8.8	52.4	130.4	30.1	0.19	0.36	925
2/21/22	156	9.4	104.7	125.7	24.1	0.00	0.44	941	145	10	87.7	129.4	22.7	0.06	0.80	935	151	9.1	61.2	127.3	28.7	0.24	0.38	913
2/22/22	155	10	130	126.7	22.2	0.00	0.64	929	143	11	105.1	128.5	22.1	0.06	0.91	916								
2/23/22	154	10	125.6	125.4	20.2	0.00	0.79	939									143	9.9	116.3	125	30.7	0.46	0.52	910
2/24/22	154	9.5	120	124.6	27.7	0.01	0.70	952	144	10.4	137.5	131.4	18.5	0.04	0.04	935	144	9.4	102.4	126.8	34.8	0.64	0.55	932
2/25/22	155	9.7	61.7	125.2	29.8	0.17	0.63	963	143	10.2	86.7	133.1	23.4	0.11	0.40	926	155	8.9	86.8	133.4	33.1	0.20	0.52	929

2/26/22	156	9.6	83.9	127.9	18.7	0.08	0.62	963	150	10.1	103.6	129.7	22.4	0.08	0.66	931	154	8.6	100.3	131.8	31.6	0.09	0.53	924
2/27/22	158	9.4	87.2	126.7	21.1	0.00	0.59	944	148	10	114.6	127.3	31	0.10	0.39	934	155	8.3	97.6	131.7	31.4	0.11	0.48	937
2/28/22	157	9.2	63.3	124.6	21.7	0.00	0.60	934	144	10.1	82.4	127.5	33.5	0.09	0.58	924	155	8.7	82	129	36.1	0.16	0.43	926
3/1/22	158	9.4	64.5	129.5	23.4	0.00	0.60	940	143	10.1	96.6	131	32.4	0.00	0.78	919	156	8.6	75.7	131.4	34.2	0.15	0.40	936
3/2/22	156	9.3	64.3	130.9	22.1	0.00	0.62	945	144	10	78	131.6	35.2	0.04	0.68	906	155	9	84	135	39	0.15	0.47	913
3/3/22	155	9.4	52.1	128.5	24.5	0.00	0.59	952	143	10.1	72.7	131.9	25.7	0.09	1.19	913	155	8.9	68.1	134	37	0.16	0.47	918
3/4/22	155	9.3	50.8	130.1	25.5	0.00	0.61	962	143	10.3	60.5	134.4	23.9	0.05	0.42	902	151	8.6	62.4	134.3	36	0.13	0.47	922
3/5/22	155	9.2	59.3	128.9	21	0.00	0.64	958	143	10.4	72.7	129.6	27.7	0.08	0.57	904	153	8.8	69.8	132.6	30.3	0.12	0.52	926
3/6/22	157	9.4	68.1	130.1	18.2	0.00	0.75	956	141	10.1	74.5	129.3	21.9	0.03	1.07	913	152	8.3	74.3	131.5	25.9	0.13	0.55	927
3/7/22	156	9.5	56.8	129.1	30.6	0.00	0.88	940	142	10	74.5	130.7	22.9	0.02	0.11	911	155	8.8	72	132.5	33.2	0.10	0.55	920
3/8/22	156	9.6	74.7	130.7	27.9	0.00	1.11	959	142	10	106.1	131.4	19	0.04	0.38	932	154	8.8	80.7	133.7	28.9	0.09	0.54	915
3/9/22	157	9.3	62	130.8	28.7	0.04	0.83	967	142	10.3	71	135.6	15.7	0.06	0.28	916	155	9.1	73.7	135.4	33.3	0.13	0.67	917
3/10/22	157	9.6	58.8	129.8	33.7	0.02	0.84	952	143	10.3	68.7	132.5	22.1	0.21	1.00	918	155	9	73.8	134	34.7	0.19	0.72	925
3/11/22	157	9.5	60.3	131.5	24	0.00	0.99	951	144	10.1	89.8	130.6	18	0.05	0.94	934	154	9	79.4	133.5	30.1	0.09	0.72	924
3/12/22	155	9.5	67.5	131.7	18	0.01	0.05	967	143	10.1	95.4	131.5	17.5	0.04	0.80	938	153	8.9	89.1	133.4	27.4	0.12	0.63	938
3/13/22	157	9.7	78.7	130.4	19.9	0.00	0.04	958	144	10	105.3	132.1	17.8	0.06	0.79	936	153	8.7	95.4	134.1	27.3	0.10	0.61	938
3/14/22	156	9.6	48.1	130.9	30.2	0.00	0.04	950	142	10.2	67.4	164.4	29.1	0.07	0.37	922	151	8.6	58.5	132.9	33	0.08	0.63	945
3/15/22	156	9.3	47	132.4	24.8	0.01	0.01	944	142	10.4	61.2	132.3	30.2	0.04	0.74	902	151	8.5	45.3	134.1	29.3	0.06	0.57	935
3/16/22	156	9.1	33.4	130.6	34.7	0.00	0.08	948	144	10.5	40.7	134.5	26.2	0.08	0.84	891	152	8.6	42	132.9	32.6	0.12	0.63	927
3/17/22	157	9.1	45.8	129.7	31.1	0.00	0.08	942	143	10.2	54.3	131.8	22.9	0.10	0.69	902	154	8.5	53.3	135.8	28.4	0.11	0.58	929
3/18/22	156	9.6	47.4	130	36.5	0.01	0.04	934	143	10	46.5	128.3	23.5	0.08	0.85	914	155	8.5	59.7	135.7	28.6	0.11	0.58	932
3/19/22	158	9.6	58	129.9	31.7	0.00	0.05	941	143	10.5	39.7	128.8	20.6	0.05	0.30	911	154	8.5	67.1	134	27.6	0.07	0.62	933
3/20/22	159	9.8	66.5	133.1	20.9	0.00	0.18	952	142	10.2	74.6	128.7	22.6	0.06	0.88	916	154	8.7	74	134.2	24.2	0.12	0.65	948
3/21/22									143	10.1	63.7	128.9	18.9	0.03	0.92	908	156	8.6	85.9	134.7	28.1	0.14	0.69	930
3/22/22									144	10.2	76	129	20.3	0.06	0.80	912	155	8.9	90.3	135.4	27.3	0.15	0.68	935
3/23/22									144	10.4	66.1	130.2	27	0.06	0.53	899	155	8.8	77.2	133.9	33.8	0.13	0.67	935
3/24/22									144	10.5	61.3	129.4	25.3	0.08	0.56	893	156	8.9	76.3	134.2	31.2	0.16	0.73	917
3/25/22	151	9.7	117.1	131.8	27.8	0.24	0.00	898	142	10.3	48.7	128.5	24.8	0.05	0.81	915	155	8.8	74.8	134.3	32.9	0.11	0.81	931
3/26/22	153	9.7	168.4	133.9	22.5	0.19	0.25	930	142	10.5	53.2	127	24.6	0.04	0.74	913	155	9.1	68.7	134.6	25.9	0.16	0.77	935
3/27/22	153	10.2	140.7	128.7	35.5	0.23	0.72	916	145	10.1	74.6	129.9	23.2	0.08	0.64	922	156	9.4	75.9	133.4	28.7	0.27	0.69	918
3/28/22	150	9.4	93.6	127	35.9	0.26	0.78	917	145	9.8	41.5	129.5	25.6	0.06	1.31	912	155	9.1	50.4	134.8	29.8	0.13	0.66	908
3/29/22									142	10.1	36.4	130.3	22.2	0.03	0.41	909	154	8.8	65.8	133.8	28.7	0.08	0.69	933
3/30/22									142	10	41.7	130.3	19.2	0.03	0.23	926	153	10.9	55	134.5	29.4	0.46	0.71	943
3/31/22	154	9.8	118.6	132	23.7	0.13	0.00	944	142	10.1	53.3	128.7	20.7	0.04	0.21	921	155	11.6	69.9	135.1	31.4	0.28	0.74	944
4/1/22	151	9.7	122.1	128.4	29.5	0.11	0.18	949	141	10.1	47	128.8	22.4	0.03	0.58	933	152	9.7	70.8	132.9	38.1	0.15	0.79	945
4/2/22	152	9.9	104.6	130.4	19.3	0.12	0.24	953	143	10	49.3	128.7	20.9	0.05	0.52	933	153	10	71	132.5	31.3	0.10	0.81	946
4/3/22	151	9.5	97.2	129.6	25.9	0.09	0.24	936	143	10.2	50.8	130.2	21.6	0.02	0.20	920	153	10.1	64.7	132.1	30.9	0.20	0.58	934
4/4/22	152	9.4	73	127.3	29.9	0.12	0.27	932									154	10.5	50.1	133.2	30.6	0.24	0.56	930
4/5/22	151	9.6	151.6	129.4	27.7	0.07	0.53	936									156	11.1	95.2	134.2	36	0.29	0.78	915
4/6/22	151	10.1	96.8	129	44.2	0.11	0.59	935									155	10.3	63	134.4	31.8	0.33	0.81	931
4/7/22	151	9.8	84.4	131.4	31.5	0.15	0.56	935	141	9.8	114.4	143.6	33.8	0.08	0.35	879	153	9.8	63.6	135.5	31	0.31	0.74	927
4/8/22	155	9.6	91.4	130.1	19.7	0.08	0.56	939	142	9.8	123.5	133.3	31.1	0.05	0.18	908	153	11.3	78.4	132.5	31.9	0.24	0.77	906
4/9/22	156	9.4	98.5	130.1	13.2	0.01	0.66	956	142	10.1	135.3	130	20.6	0.07	0.14	931	153	11.7	71.6	132.9	31.5	0.30	0.75	924
4/10/22	156	9.4	85.5	127.3	25.7	0.09	0.83	936	145	10.1	120.4	131.4	24.9	0.12	0.51	920	153	10.6	6.8	133.5	32.8	0.28	0.81	898
4/11/22	154	9.6	89.3	128.4	24.2	0.10	0.89	938	144	9.8	123.5	131.3	27.8	0.09	0.88	922	151	9.3	72	132.2	29.8	0.13	0.77	921
4/12/22	152	9.9	106.9	128.8	23.9	0.03	0.88	945	142	10	112.2	130.3	21.9	0.06	0.86	945	150	10.4	63.6	131	28.5	0.17	0.79	932
4/13/22	154	9.4	60.1	129.5	22.9	0.06	0.93	948	141	9.3	73.3	129.9	25.8	0.06	1.33	952	151	9.6	52.1	131.9	34.7	0.14	0.82	917
4/14/22	154	9.3	71.4	127.4	33.6	0.08	0.88	948	142	9.6	90.4	128.2	24.6	0.11	0.91	942	149	9.7	71.2	131.2	28.1	0.08	0.76	931
4/15/22	155	9.6	85.3	125.3	30.8	0.08	1.14	953	145	9.7	98.8	128.1	15.5	0.06	0.84	948	151	9.8	60.5	132	24.4	0.10	0.92	930
4/16/22	153	9.7	81.5	129.8	21.4	0.07	1.23	950	146	9.8	105.6	128.2	13.4	0.06	0.74	964	151	10.1	70.3	129.2	22.2	0.09	0.86	940
4/17/22	154	9.7	65.8	126.4	25.8	0.08	1.19	944	146	9.9	95.2	127.1	14.8	0.05	1.19	953	150	9.6	62.5	128.7	20.6	0.05	0.85	939
4/18/22	153	9.6	52.9	127.1	43.6	0.11	1.12	957	141	9.8	74.4	125.9	23.7	0.08	0.71	941								
4/19/22	152	9.9	97.4	124.9	37.8	0.12	1.13	949	142	10.4	143.3	124.9	24.7	0.05	1.27	938								
4/20/22	153	9.3	107.2	126.8	28.8	0.13	1.53	964	143	9.8	106.5	126.8	18.5	0.07	0.90	948								
4/21/22	157	9.4	62.2	127.5	34.9	0.15	1.58	951	147	9.9	81.7	125.8	20.6	0.06	1.23	948								
4/22/22	156	9.7	63.8	127.4	32	0.10	1.48	936	143	10	73.7	124.5	25	0.05	0.91	944								
4/23/22	155	9.9	78.1	127	39.7	0.11	1.58	932	140	10.2	77.4	126.7	23.1	0.03	1.57	946								
4/24/22	156	9.5	82.8	126.9	24.7	0.12	1.95	937	141	9.9	87.9	125.2	17.9	0.05	1.22	953								
4/25/22	157	9.2	67.8	122.7	28.8	0.08	1.54	942	140	10	79.1	129.5	24.7	0.10	0.77	949								
4/26/22																								

4/27/22	153	9.9	60.1	127.8	37	0.05	0.00	921	139	10.2	59.6	128.8	23.5	0.04	0.36	943								
4/28/22	155	10.1	53.1	127.3	36.9	0.05	0.00	912	142	10.2	64.7	132	20.9	0.06	0.32	939								
4/29/22	155	10	55	125.7	33.5	0.04	0.00	912	142	10.2	57.3	128.5	24.2	0.07	0.25	936								
4/30/22	155	9.9	99.4	125.1	34.7	0.16	0.00	924	140	10.2	80.8	129.4	27.2	0.06	0.06	927	151	10	127.8	135	35.1	0.32	0.49	861
5/1/22	154	9.5	85.6	123.4	25.6	0.66	0.07	947	140	10.4	92.3	156.6	21.5	1.02	0.04	922								
5/2/22	154	9.8	60.3	126.3	34.3	0.00	0.32	926	140	10.2	62.6	148.5	23.2	0.11	0.00	932	152	10.1	96	144.8	42.6	0.24	0.50	878
5/3/22	155	10	57.6	128.9	30.1	0.00	0.90	936	140	10.2	58.9	131	26.4	0.10	0.03	936	150	10.4	88	136.2	39.6	0.17	0.49	893
5/4/22	153	10.2	69.3	127.2	36.8	0.00	1.54	927	139	10.3	76	132.3	22.7	0.12	0.01	933	151	10.7	89	143.8	32.9	0.19	0.57	887
5/5/22	153	10.1	56.8	126.8	40.7	0.01	2.19	933	139	10.2	58.9	131.5	25.4	0.11	0.02	935	149	10.4	80.2	133.8	35.2	0.27	0.57	897
5/6/22	152	9.9	46.3	124.7	36.1	0.04	1.05	923	140	10.2	49.2	131.4	28.7	0.13	0.02	921								
5/7/22	154	9.6	66.5	125	28.1	0.00	0.00	945	141	10	58.6	130.2	28.3	0.13	0.05	929	149	10.2	85.9	137.6	32.7	0.15	0.93	898
5/8/22	152	10	64.6	126	24.8	0.00	0.00	934	140	10.5	65.9	133	26.4	0.11	0.08	924	151	10.7	101.1	149	26	0.27	0.49	888
5/9/22	152	9.4	68.3	123	30.2	0.08	0.00	941	140	10.1					0.08	927	153	10.4	120.7	131.4	27	0.15	0.49	894
5/10/22	151	9.6	67.9	122.3	27.7	0.00	0.11	949	142	10.2	65.9	129	20	0.08	0.02	931	154						0.51	936
5/11/22	154	9.6	52.4	127.8	25.6	0.00	0.27	949	139	10.3	45.2	129.8	25	0.17	0.02	941	154	11.3	86.8	135	35.7	0.23	0.50	905
5/12/22	155	9.6	71.5	125	31.7	0.02	0.26	950	139	10	75.3	128.4	23	0.08	0.00	937	153	10.6	80.5	132.1	27.8	0.13	0.53	909
5/13/22	153	9.6	54.7	126.8	24.9	0.03	0.34	952	138	9.8	50.8	124.8	25.4	0.07	0.01	937	149	10.4	82	130.3	32.1	0.19	0.52	918
5/14/22	154	9.6	67.9	126.5	22.4	0.00	0.38	960	139	9.9	67.8	128.2	18.6	0.01	0.02	940	152	10.6	92.4	129.1	25.9	0.26	0.51	915
5/15/22	155	9.5	109.9	125.7	26.8	0.05	0.44	956	141	9.8	103.4	128	18.3	0.05	0.00	944	153	10.4	132.9	130.6	24.7	0.25	0.53	920
5/16/22	155	9.6	76.2	123.3	27	0.04	0.38	966	140	10	58.2	127.2	18	0.06	0.01	953	151	10.5	85.7	130	25	0.22	0.45	921
5/17/22	152	9.4	48.7	124	28	0.14	0.24	959	137	9.8	41.6	126	26.4	0.05	0.00	942	149	10.4	53.2	132.2	29	0.23	0.26	932
5/18/22	151	9.3	35.1	125.2	30.2	0.21	0.05	995	138	9.7	27.7	125.4	26.1	0.06	0.01	965	149	10.1	43.6	135.3	29.1	0.17	0.12	944
5/19/22	153	9.6	33.2	128.1	29.3	0.13	0.03	995	137	9.6	26.6	125.1	37.5	0.07	0.23	957	150	10.3	41	132.8	29.2	0.12	0.13	939
5/20/22	153	10	34.9	128.3	22.1	0.07	0.08	967	139	10.2	30.8	126.7	35.1	0.07	0.58	921	153	10.3	55.7	132.7	28.6	0.14	0.16	933
5/21/22	154	10.3	46	129.3	22	0.12	0.09	957	141	10.1	47.8	129.7	26.3	0.08	0.59	921	152	10.5	70	133	26.9	0.14	0.21	923
5/22/22	153	9.6	40.8	127.8	28.3	0.11	0.14	977	139	9.9	38.6	129.1	18.6	0.05	0.54	929	153	11	71.5	138	30.4	0.15	0.26	907
5/23/22	154	9.5	35.5	128.2	22.2	0.06	0.10	976	140	9.5	25.1	128.9	19.5	0.03	0.47	948	153	10.8	60.3	135.8	29.1	0.15	0.23	916
5/24/22	150	9.7	51.6	125.2	37.3	0.03	0.14	983	139	10	32.6	128.1	20.5	0.04	0.61	938								
5/25/22	149	9.8	33	126.5	35.3	0.03	0.08	965	138	10	28.1	127.3	17.4	0.05	0.49	934	151	9.9	53.4	132	25.6	0.15	0.12	933
5/26/22	147	9.9	28.5	127.5	30.2	0.01	0.06	955	137	10.1	27.1	125.4	21.3	0.06	0.55	931	153	10.1	51	134.6	25.1	0.11	0.14	935
5/27/22	153	10	27.3	126.3	28.9	0.03	0.04	951	138	9.9	23.8	123.2	25.6	0.06	0.48	933	151	10	42.8	131.7	21.1	0.06	0.13	925
5/28/22	153	9.6	39.6	129.3	27.2	0.00	0.10	942	137	9.6	23.5	127.7	17.2	0.07	0.74	937	149	9.5	52.3	129.9	15.6	0.03	0.15	935
5/29/22	156	9.6	56.8	128.9	25.7	0.01	1.04	950	141	9.8	44	127.8	21.9	0.06	1.32	938	153	9.7	68.5	133.3	17.8	0.08	0.20	931
5/30/22	150	9.9	30.4	125.6	29.7	0.02	1.60	948	137	10.1	20.5	127.6	24.8	0.04	1.06	917	149	9.9	45.3	129.9	19	0.08	0.22	924
5/31/22	151	9.8	40.3	127.9	23.3	0.01	1.62	956	139	9.7	43.5	126.2	23.2	0.04	0.21	935	151	9.6	55.7	128.1	29.4	0.20	0.21	929
6/1/22	152	9.8	32	127.9	22.8	0.02	1.66	939	141	9.8	23.2	128.5	28.4	0.07	0.83	929	152	10.1	52.3	127.2	25.7	0.11	0.21	912
6/2/22	150	9.8	36.3	129	19.1	0.01	1.73	952	139	9.9	28.9	126.8	22.6	0.05	1.01	926	154	9.9	46.2	132.3	25.3	0.14	0.20	921
6/3/22									140	9.9	24.4	125.9	21.8	0.07	0.33	929	151	9.9	43.1	125.5	28	0.11	0.26	927
6/4/22	156	9.4	51.3	131.3	28.2	0.08	0.36	950	139	9.8	23.5	129.1	22.3	0.07	0.38	937	153	9.8	51.2	128.5	24.2	0.15	0.30	933
6/5/22	152	9.4	43	128.7	26.6	0.02	0.26	943	137	9.9	26.3	126.4	20.3	0.08	0.23	918	150	9.8	46.1	129	22.5	0.15	0.28	921
6/6/22	154	9.7	39.9	129.1	35.4	0.02	0.34	930	138	9.9	21	123.7	31	0.08	0.35	916	150	9.8	41.9	127.8	25	0.08	0.28	920
6/7/22	155	9.7	67.2	128.7	31.9	0.02	0.37	935	140	9.8	34.5	130.2	22.6	0.07	0.38	929	151	9.9	50.1	130	22.3	0.11	0.35	933
6/8/22	155	9.4	32.6	129.8	18.9	0.02	0.54	944	139	9.8	13	127.2	18.7	0.07	0.30	926	151	9.9	32.6	129.6	18.7	0.09	0.39	928
6/9/22	157	9.9	40.6	134.1	20.4	0.02	0.35	943	140	9.8	25.3	130.7	21.5	0.07	0.45	931	150	9.8	43.6	132.4	18.8	0.15	0.33	921
6/10/22	155	9.7	34.8	130.6	27.8	0.04	0.38	930	140	9.7	26.6	132.8	28.5	0.07	0.33	939	151	9.6	43.5	130.5	24.2	0.15	0.27	931
6/11/22	150	9.3	41.3	132	22.9	0.05	0.46	936	140	9.9	22.1	128.5	22.7	0.06	0.30	921	152	9.2	51.5	132	21.4	0.13	0.35	931
6/12/22	151	9.1	42	132.4	23.5	0.02	0.50	941	141	9.7	24.9	128.3	21.3	0.05	0.21	941	152	9	49.4	130.5	16.6	0.07	0.33	950
6/13/22	151	9.7	42.7	133.8	24.4	0.21	0.53	934	140	9.9	29.8	130	23.4	0.34	0.08	928	153	9.5	46.8	133.3	20.2	0.09	0.35	926
6/14/22	150	9.1	46	131.6	34.5	0.02	0.61	933	140	9.8	32.6	129.5	20.4	0.06	0.04	935	151	9.4	58.4	131	27.3	0.01	0.47	938
6/15/22	151	9.6	43.6	131.9	36.8	0.03	0.70	920	140	10.1	34.3	131.2	19.2	0.17	0.41	928	152	9.8	47.5	134	22.8	0.05	0.48	921
6/16/22	152	9.6	34	134.9	41.4	0.06	0.87	908	143	10.1	28.4	128.7	26.9	0.06	0.33	922	153	9.5	46.7	131.7	26.4	0.21	0.54	938
6/17/22	154	9.3	44	128.1	38.7	0.00	1.03	924	142	9.9	29	127.8	29.2	0.06	0.28	932	153	9.3	46.3	130.7	21.2	0.13	0.46	936
6/18/22	153	9	52.8	126.3	32.4	0.00	1.14	943	142	10	47.4	128.2	30.4	0.05	0.31	948	153	9.3	59.9	134.1	20.1	0.11	0.53	941
6/19/22	156	9.4	64.5	128	21.3	0.00	1.02	937	143	10.5	47.9	130.5	28	0.11	0.35	930	155	9.6	61	139.1	18	0.11	0.52	942
6/20/22	153	9.3	37.1	126.1	25	0.00	0.70	920	140	10.2	24.1	125	25.5	0.04	0.15	951	151	9.6	41.7	132.6	22.7	0.09	0.47	931
6/21/22	149	9.6	37.3	127.4	33.8	0.06	0.76	917	138	10.3	35.4	127.6	30.3	0.23	0.10	936	150	9.9	70.2	136.4	26.9	0.12	0.52	924
6/22/22	150	9.6	23.1	125.5	43.7	0.03	0.76	908	137	10.4	19.6	129.4	27.9	0.14	0.02	941	151	9.7	37.3	131	30.6	0.12	0.48	919
6/23/22	150	9.1	30.6	123.8	34.6	0.00	0.90	928	139	10	21.6	131.7	31	0.09	0.06	928	151	9.1	42	135.9	26.4	0.04	0.58	918
6/24/22	152	9.6	34.7	127.2	31.9	0.01	0.94	927	139	10.2	25.2	129.7	23.4	0.08	0.27	936	152	9.6	43.8	134.2	24	0.11	0.60	924
6/25/22	153	9.5	38.4	128.1	25.2	0.03	1.08	924	139	10	22	129	14.9	0.02	0.10	944	150	9.4	48.4	134.5	25	0.13	0.52	923

6/26/22	149	9.3	39.9	125.7	25.9	0.00	1.07	937	138	10	23.2	128.4	22	0.01	0.00	952	150	9.2	43.9	130.3	20.5	0.12	0.49	940
6/27/22	152	9.3	36.8	125.5	26.6	0.00	1.42	931	139	10	23.7	128.3	21.5	0.07	0.20	923	150	9.2	39.9	132.7	23.9	0.12	0.51	927
6/28/22	151	9.8	54.5	126.5	37.8	0.05	1.25	929	138	10.2	43	128.9	26.7	0.12	1.16	935	149	9.5	52	130.2	25.3	0.07	0.60	933
6/29/22	151	9.4	52.7	126.3	27.6	0.00	1.11	949	138	10	38.9	130	23.5	0.08	0.24	945	150	9.2	45.3	130.4	22.4	0.04	0.60	937
6/30/22	150	9.2	35.2	125.3	23.8	0.12	1.08	941	139	9.8	28.6	127.4	21.2	0.07	0.24	942	151	9.1	38.8	131.3	29.5	0.02	0.61	917
7/1/22	151	9.4	63.8	128.4	24.2	0.00	1.21	939	139	10.1	54.5	127.8	22.5	0.11	0.65	940	150	9.1	67.7	132.1	28.4	0.09	0.65	910
7/2/22	151	9.4	82.8	127.6	21.7	0.07	1.25	936	137	10.1	89.8	127.6	24.4	0.07	0.24	939	150	8.9	96.2	129.8	25.6	0.06	0.77	923
7/3/22	152	9.3	89.4	125.1	18.9	0.04	1.74	940	138	10.1	62.7	127.5	21.1	0.10	0.52	947	150	9.1	80.2	129.3	28.9	0.07	0.88	924
7/4/22	153	9.1	43.2	124.4	31.9	0.05	1.70	926	139	10.1	26.5	126.6	28.8	0.07	0.80	912	152	8.8	54	129.6	37	0.06	0.81	916
7/5/22	153	9.2	57.3	128	26.3	0.06	1.65	928	138	10.1	24.8	126.9	22.2	0.04	0.38	913	153	9.4	58.1	131.8	28.3	0.10	0.78	916
7/6/22	154	9.4	39.9	127	29.6	0.07	1.69	930	139	10.6	38.5	127.5	20.5	0.05	0.38	910	154	9.4	50.5	133	29.5	0.16	0.75	925
7/7/22	154	9.5	49.4	126.7	25.7	0.04	1.94	920	140	10.4	67.8	127.7	19.4	0.06	0.35	917	154	9.6	56.2	133	37.9	0.13	0.80	926
7/8/22	152	9.5	45.3	129.2	18.7	0.04	1.52	910	140	10.5	55.9	127.9	20.5	0.04	0.18	924	153	11.6	48	139.7	27.4	0.16	0.79	916
7/9/22	149	9.7	52.5	124.2	25.3	0.05	0.84	919	144	10.5	96.9	133	25	0.05	0.39	926	151	11.4	62.8	135.6	32.3	0.15	0.86	907
7/10/22	153	9.2	57.1	126	15.3	0.04	0.89	921	144	10.4	85.6	132.1	31.1	0.08	0.44	931	152	9.6	58.9	132.1	25.7	0.14	0.85	920
7/11/22	154	9.6	41	124.5	25.2	0.06	0.94	919	142						0.30	931	153	9.3	40.3	131.9	28.8	0.13	0.80	911
7/12/22	152						0.96	919	140	10.2	61.1	128.7	24.5	0.03	0.15	929	151	9.7	52.8	133.5	29.1	0.15	0.79	900
7/13/22	150	9.9	45.7	126.2	23.5	0.05	0.92	919	138	10.2	72.4	129.8	19.6	0.05	0.03	921	149						0.89	923
7/14/22									141	9.7	70.7	128.3	15.1	0.04	0.26	930	152	8.6	46.6	133.9	31.8	0.10	0.94	918
7/15/22	150	9.5	59.4	127.3	25.3	0.13	0.99	916	143	9.8	74.2	130.3	22.7	0.05	0.35	937	151	9.1	58.1	133.9	28.2	0.14	0.84	912
7/16/22	150	9.4	51.8	126.8	30	0.05	0.98	920	142	9.7	70.8	128	22.6	0.05	0.42	954	151	9	45.5	130.5	26.9	0.14	0.55	932
7/17/22	151	9.4	43.6	121.1	27.4	0.07	1.00	921	143	9.8	69	128.1	22.6	0.08	0.61	944	153	9.1	47.3	130.7	25	0.12	0.53	919
7/18/22	154	9.7	40.4	123.3	32.9	0.07	1.31	917	145	10.4	74.5	129.4	20.2	0.05	1.06	903	153	9	55	135.9	24.9	0.09	0.61	900
7/19/22	151	9.6	46.7	126.7	23.6	0.02	1.35	923	143	10.2	79	129.9	18.8	0.04	0.58	933	154	9.4	54.5	133.7	26.1	0.12	0.56	901
7/20/22	150	10	34.7	124.9	24.1	0.06	0.64	918	143	10.2	66.1	131	13.3	0.03	0.43	921	152	9.4	45.1	132.1	24.7	0.11	0.50	907
7/21/22	152	9.9	50.6	132.2	22.2	0.05	0.33	930	145	10.2	69.8	128.5	19	0.09	0.36	936	152	9.5	59.1	135.3	23	0.16	0.58	920
7/22/22									144	10.3	66.3	131.9	23	0.06	0.52	914	151	9.2	53	132.4	28.3	0.09	0.62	920
7/23/22	157	10	64.5	126.8	31.6	0.10	0.05	942	143	10.4	75	128.4	16.1	0.04	0.10	946	153	9.3	69.5	133.9	25.5	0.09	0.67	925
7/24/22	157	10	63.5	125.7	25.3	0.08	0.02	935	142	10.2	66.7	129	19.6	0.06	0.12	928	154	8.9	58.6	133.4	22.1	0.07	0.65	923
7/25/22	157	9.7	42.2	127.3	25.5	0.17	0.00	933	143	10.1	53.6	127.7	20.5	0.03	0.07	919	152	8.9	40.8	131.1	27.2	0.08	0.54	925
7/26/22	157	9.6	59.7	126.8	29.7	0.05	0.03	957	143	10	74.5	129.3	21.6	0.07	0.00	952	153	9	54.6	135.6	30.9	0.13	0.64	935
7/27/22	156	9.5	48.2	126.2	36.8	0.10	0.04	957	143	10.1	66.6	128.9	23.5	0.07	0.00	968	152	9	53	135.3	27	0.18	0.69	926
7/28/22	156	10	44.3	124.1	38.4	0.15	0.09	937	145	10.4	62.5	128	35.1	0.09	0.01	965	153	9	46.8	131.5	22	0.14	0.69	926
7/29/22	156	10.1	53.8	125.1	40.4	0.48	0.10	940	143	10.7	66.6	125	26	0.10	0.01	931	152	9.1	53.9	129.6	30.2	0.13	0.69	918
7/30/22	157	9.9	60.1	125.1	20.7	0.52	0.10	940	143	10.5	76	127.1	22.4	0.06	0.01	961	152	9.1	48.8	129.9	25.1	0.14	0.66	921
7/31/22	158	10.1	51.2	122.6	30.9	0.65	0.13	908	145	10.6	70.4	125.3	21.5	0.06	0.00	931	154	9	56.1	129.6	25.8	0.22	0.76	909
8/1/22	155	9.9	46.6	121.1	34.8	0.58	0.09	927	142	10.6	70.3	127.4	18.6	0.06	0.01	936	154	9.1	49.3	132.4	29.9	0.22	0.85	919
8/2/22	153	10.3	70.5	124.5	27.3	0.58	0.13	921	141	10.8	71.1	127.1	15.3	0.10	0.01	931	153	9.2	48.1	131.6	26.6	0.20	1.00	914
8/3/22	155	10.3	73.4	120.2	33.6	0.56	0.11	932	139	10.6	79.9	123.7	22.9	0.04	0.01	947	151	9.1	61.7	129.5	29.8	0.17	1.08	912
8/4/22	155	10.6	52.8	123.9	37.4	0.56	0.14	937	142	10.7	74.2	124.8	27.2	0.08	0.11	955	153	9.4	53	131.5	27.9	0.13	1.03	919
8/5/22	155	10.1	44.2	124.1	28.2	0.53	0.15	944	142	10.4	74.4	122	20.6	0.08	0.16	949	154	9.2	49.4	130.4	27.6	0.12	0.93	908
8/6/22	157	10.4	70.3	123.6	35.5	0.60	0.20	906	139	10.3	101.7	126.7	34.9	0.26	0.18	954	153	9.3	64.5	134	25.8	0.13	0.92	897
8/7/22	156	10.6	64.9	126.1	40.5	0.59	0.18	920	138	10.8	89.5	125.4	24.2	0.12	0.08	927	152	9	58.4	131.7	22.7	0.10	0.92	917
8/8/22	155	10.1	56.3	124.2	33.1	0.50	0.16	923	138	10.5	91	121.4	28.7	0.06	0.06	926	154	9.2	61.6	131.1	26.5	0.11	1.06	889
8/9/22	154	10.3	80.5	126.3	24.6	0.47	0.19	937	134	10.9	89.1	124.5	33.8	0.17	0.00	933	149	9.1	64.5	130.1	26.7	0.06	1.06	907
8/10/22	155	10.3	52.8	127.4	24.2	0.53	0.17	940	131	11.3	57.5	116.9	29.9	0.13	0.00	940	151	9.4	49.7	130.4	27.1	0.09	1.19	918
8/11/22	141	9.9	37.3	123.8	26.8	0.36	0.23	935									151	9.4	43.8	132.1	24.9	0.09	1.18	916
8/12/22																	137	8.9	66.8	133.1	27.7	0.08	1.02	935
8/13/22																	151	8.7	77.6	129.7	20.5	0.04	1.35	942
8/14/22	158	10.4	90	130	32.5	0.45	0.26	912	142	11.1	123.3	130.4	34.6	0.18	0.37	911	155	9	64.9	130	19.9	0.11	1.51	893
8/15/22	159	9.8	85.7	123.3	27.3	0.45	0.21	926	145	10.5	123.7	126.7	25.4	0.04	0.38	945	155	9.2	70.2	128.3	26.9	0.11	1.60	906
8/16/22	159	10	70.9	131.1	28	0.34	0.22	930	145	10.8	96.3	129.9	29.7	0.06	0.30	947	154	9.2	47.8	129.1	21.1	0.13	1.42	914
8/17/22	158	10.3	90.1	131.1	31.2	0.36	0.26	924	143	10.5	105.1	131.1	27.8	0.10	0.28	933	156	9.3	69.2	130.3	25.2	0.13	1.61	911
8/18/22	159	10.8	80	138.6	31.3	0.40	0.25	899	143	10.6	113.8	130.5	18.6	0.03	0.16	940	154	9.4	69.2	131.6	23.5	0.14	1.65	915
8/19/22	158	10.4	66.7	126.4	29.1	0.39	0.24	921	144	10.7	100	130	18.8	0.05	0.03	956	154	9.4	57.9	132.6	24.7	0.08	1.76	915
8/20/22	156	9.9	67.8	120.4	28.3	0.30	0.24	949	144	10.6	102.2	130.3	23.1	0.07	0.18	953	154	9.9	68.8	131.1	25	0.09	1.67	900
8/21/22	157	9.6	97.1	122.2	23.8	0.47	0.28	951	143	10	123.3	131.1	25.9	0.05	0.12	950	154	9.7	72.8	129.6	24.3	0.11	1.92	914
8/22/22	158	9.8	75.5	124	24.7	0.52	0.30	940	145	10.2	89.3	129.9	23.7	0.07	0.30	935								
8/23/22	158	9.9	62.3	126.2	21.8	0.40	0.30	951	143	10.4	80.6	129.5	22.8	0.03	0.39	937	159	9.2	96.4	134.2	24.9	0.13	0.82	915
8/24/22	157	9.9	67.6	126.8	21	0.28	0.33	950	142	10.4	100.9	128.8	27	0.07	0.28	962	158	9.4	87.3	132.7	22.2	0.08	0.79	927

8/25/22	159	9.7	57.4	125.5	22.2	0.28	0.33	952	142	10.5	70.8	128.7	24	0.05	0.14	961	157	9.3	59.3	131.5	28.4	0.10	0.79	916
8/26/22	155	9.7	71.8	118.2	29.4	0.49	0.27	940	138	11	75.8	129.5	25.2	0.07	0.24	943								
8/27/22	156	9.9	75.4	122.9	20.5	0.26	0.34	949	139	11.3	96.8	125.3	21	0.08	0.25	945	157	10	95.1	131.3	32.3	0.07	0.56	880
8/28/22	158	9.9	71.2	124.7	24.4	0.39	0.42	928	133	11.6	70.2	119.9	26.4	0.09	0.20	938	158	10	81.5	132.8	29.6	0.07	0.51	876
8/29/22	155	9.8	44.5	122.5	26.8	0.33	0.49	921									155	9.1	52.6	131.5	26.4	0.04	0.50	903
8/30/22	154	9.9	65.1	123.8	22.9	0.36	0.50	943									155	9.2	65.9	131.9	22.7	0.02	0.48	917
8/31/22	153	9.5	50.5	119.8	29.3	0.45	0.52	970									153	8.6	62.5	132.4	25.2	0.09	0.49	940
9/1/22	155	10	65.5	122.1	39.3	0.70	0.52	942	129						0.01	949	154	8.9	65.4	130.5	27	0.09	0.51	937
9/2/22	155	9.9	106.1	125.8	19.7	0.33	0.59	942	133	11.5	127.1	127.2	20.1	0.11	0.05	946	151	8.8	84.9	130.3	24.1	0.05	0.52	917
9/3/22	158	10.2	78.3	125	20.3	0.31	0.58	946	135	12	118.2	120.4	15.7	0.30	0.05	927	152	9.3	67.2	130.6	18.5	0.08	0.45	909
9/4/22	157	10.1	65.1	123.5	27.8	0.32	0.66	929	132	11.5	76.2	112	28.5	0.33	0.05	923	153	9.4	60.1	131	23.3	0.06	0.48	899
9/5/22	156	10.2	78.4	121.6	29	0.29	0.80	936									153	9.5	63.2	131.3	30.4	0.04	0.51	902
9/6/22	155	10.4	66.2	125.2	40.3	0.28	0.77	929									154	9.5	57.5	131	25.5	0.05	0.48	898
9/7/22	155	10.2	56.6	124.1	27.1	0.27	0.89	945									150	9	55.7	131.3	25.2	0.14	0.47	919
9/8/22	154	10	41.5	120.6	29.4	0.24	1.02	929	141	10.1	101.5	157	15.1	0.11	0.54	942	153	9.5	52.1	128.7	24.8	0.07	0.56	900
9/9/22	156	10.2	48.2	127	29.1	0.26	1.11	917	144	10.1	101.2	161.8	16.1	0.09	0.70	942	152	10	51.5	140.2	25.1	0.11	0.48	902
9/10/22	154	10.1	60.5	125.1	16.9	0.13	1.20	929	141	10.2	109.1	161.7	13	0.07	0.62	946	149	9.9	58.5	154	20.4	0.14	0.50	918
9/11/22	156	10	81.7	125.6	16.3	0.19	1.25	925	142	10.1	118.3	166.2	16.7	0.09	0.57	952	149	9.7	67.4	146.5	19.4	0.16	0.57	923
9/12/22	154	10.2	43.5	119.5	25.2	0.18	1.24	939									151	9.3	42.9	130.6	20.5	0.14	0.54	899
9/13/22	153	9.9	63.1	126.2	23.7	0.20	1.39	939																
9/14/22	154	10.4	63.1	123.7	30.5	0.24	1.54	933																
9/15/22	151	10.2	46.4	119.7	29.7	0.22	1.37	940																
9/16/22	147	10.7	46.4	129.9	43	0.23	1.39	907									154	9	95	151.8	29.5	0.17	0.67	903
9/17/22	150	10.2	52.2	159.6	28	0.16	1.48	941									152	8.8	105.3	142	24.1	0.06	0.74	908
9/18/22	152	11	38.9	124.7	34.7	0.24	1.47	908									151	9.2	102.1	144.1	18.5	0.04	0.74	907
9/19/22	155	10.9	40.7	148.3	35.3	0.32	1.66	913									149	9	80.2	153.1	19.1	0.10	0.75	902
9/20/22	155	11.1	31.3	127.1	22.4	0.19	1.55	922									150	9.8	75.1	134.5	19.3	0.14	0.67	887
9/21/22	154	10.9	14.4	126	22.2	0.19	1.66	924									147	9.7	53.2	131.6	29.4	0.17	0.76	889
9/22/22	153	10.6	19.1	128	22.9	0.19	1.72	921									149	9.6	55.9	132.9	29.2	0.17	0.83	894
9/23/22	154	10.7	17.2	125.4	26.7	0.19	1.62	920									150	10	55.7	132.2	27.5	0.04	0.74	895
9/24/22	155	10.8	24.4	125.1	34.7	0.24	1.74	908									152	9.7	64	132.1	24.2	0.04	0.76	886
9/25/22	154	10.3	83.9	121.6	20.1	0.23	2.19	931	140	9.6	187.5	127.3	24.6	0.27	1.36	884	153	9.7	116.7	129.3	20.9	0.16	0.94	890
9/26/22	155	10.6	53.5	125.2	29.1	0.29	2.21	929	142	10.1	121.9	128.8	17.9	0.04	1.37	902	154	9.5	89.5	129.9	18	0.05	0.90	888
9/27/22	153	10.5	49.8	126.2	32.1	0.26	2.05	931	144	10.2	145	137.9	22.3	0.23	1.41	896	153	9.5	63.2	131.4	21.3	0.08	0.86	882
9/28/22	154	10.6	32.4	120.5	36.6	0.22	2.07	940	142	10.2	135.7	130.9	19.5	0.06	1.38	914	149	9.5	65.5	128.3	24.2	0.07	0.79	886
9/29/22	154	10.8	42.5	121.7	30.8	0.26	2.02	926	141	10.3	129.3	133	17	0.03	1.34	924	149	9.9	63.6	130.3	22	0.02	0.77	877
9/30/22	154	10.7	61.3	126.1	37.8	0.21	2.09	914	140	10.4	113.3	130.5	17.2	0.00	1.41	913	144	8.8	53.3	127.2	21.8	0.01	0.68	902
10/1/22	155	11.2	58.1	126.1	27	0.22	2.06	908	142	10.3	132.4	131.4	13	0.02	1.43	921	146	9.1	69.3	126.7	16.8	0.01	0.75	911
10/2/22	156	11	60	123.2	26.7	0.30	2.19	916	143	10.6	131.2	129.8	16.4	0.02	1.43	897	144	9.3	73.1	128.8	22.1	0.01	0.73	902
10/3/22	155	10.6	29.8	119	26	0.26	2.12	928	142	9.9	115.1	128.8	16.2	0.00	1.45	936								
10/4/22	153	11	86.5	123.7	33.7	0.29	1.93	922	141	10.4	169.9	128.8	15.2	0.00	1.48	929								
10/5/22	151	10.8	52.9	119.5	43.4	0.27	0.94	945	143	10.2	111	127.8	16.9	0.01	1.48	940								
10/6/22	154	10.7	59	123.4	32.2	0.25	1.05	934	144	10.5	131.3	129.1	17	0.00	1.51	921	150	10.7	93.9	128.6	31.3	0.51	0.76	883
10/7/22	152	10.7	34.3	123.2	15	0.18	1.15	946	145	10.2	108.8	128.6	12.9	0.00	1.54	945	163	11.2	116.4	134.1	35	0.25	0.99	878
10/8/22	152	10.8	33.6	123.4	16.4	0.24	1.13	929	147	10.3	118.3	128.6	12.5	0.01	1.59	940	163	11.3	127.6	135.4	25	0.14	0.98	896
10/9/22	152	10.7	76.1	120.2	14	0.16	1.28	927	144	10.7	160.1	130.3	13.3	0.00	1.74	933	159	11.3	181.9	135.8	23.3	0.23	1.10	890
10/10/22	152	10.5	75.3	108.1	19.8	0.22	1.05	940	140	10.5	158.1	123.2	17	0.01	2.11	934	147	11.2	125.4	132	26.5	0.04	1.07	901
10/11/22	150	10.7	44.5	109.5	25.5	0.20	1.06	962	143	10.7	110	131.4	16	0.01	1.96	925	150	11.1	98.4	140.1	16.3	0.00	1.01	912
10/12/22	153	10.7	20.5	116.7	14.8	0.24	0.77	951	146	10.3	90.8	132.8	13.5	0.00	1.80	928	152	11.7	80.5	153.7	14.4	0.02	1.05	918
10/13/22	149	11	30.7	125.8	16.6	0.28	0.35	932	147	10.3	92.9	130.8	14.3	0.00	1.07	929	151	11.4	79.9	142.6	19.2	0.03	0.96	924
10/14/22	147	11.4	19.7	124.3	17.3	0.47	0.36	928	145	10.3	85.7	127.3	18.3	0.00	1.12	951	151	11.6	81.9	135.9	22	0.00	0.92	916
10/15/22	147	11	27.3	125.2	11.6	0.28	0.45	931	140	9.7	101	127.2	17.2	0.00	1.16	968	148	11.2	104.5	132.8	20.7	0.00	1.00	918
10/16/22	143	10.6	20.3	124.3	15.2	0.20	0.54	932	142	9.9	95.5	129.7	16.7	0.00	1.20	946	149	11.2	104.5	133.6	20.2	0.00	0.99	927
10/17/22									140	10.1	97.2	131.4	22.4	0.01	1.19	922	146	10.7	83.7	139.5	23.7	0.06	0.98	919
10/18/22									141	10.8	146.2	126.6	22.5	0.00	1.22	923	149	11.8	155.9	133.6	22.8	0.00	1.05	907
10/19/22									139	10.5	163.9	129.6	17.5	0.07	1.32	935	149	11.7	159.2	135.6	23.6	0.49	1.31	905
10/20/22									142	11	136.6	132.1	21.5	0.00	1.30	935	153	12	122.3	142.4	25.9	0.44	1.20	905
10/21/22									141						1.31	951	152	11.4	100.7	135.3	28.5	0.12	1.10	928
10/22/22									143	10.3	130.5	129.7	21.1	0.75	1.37	965	152	10.9	117	133.9	21.8	0.11	1.05	940
10/23/22									142	10.6	131.3	130.6	18.7	0.06	1.40	944	155	11.8	109.5	136.5	22.7	0.07	1.19	925

10/24/22									143	10.7	95.6	128.9	27.1	0.01	1.40	923	153	11.3	95.1	136.3	20.7	0.07	1.25	914
10/25/22									142	10.4	115	129.1	24.5	0.00	1.41	944	152	11.5	108.8	138.3	24.7	0.04	1.27	920
10/26/22									143	10.2	83.3	130.2	25.1	0.01	1.45	940	153	11.7	79	135.6	29.8	0.06	1.37	890
10/27/22									143	10.4	99	130.9	28.1	0.03	1.44	924	152	11.4	73.7	137.3	27.8	0.17	1.02	890
10/28/22									143	10.2	84.8	128.9	28.7	0.02	1.43	934	154	11.6	74.4	143.5	26.5	0.14	2.04	885
10/29/22	149	9.5	129.9	133.3	20.9	0.37	0.00	863	143	10.4	104.6	129.4	25.6	0.00	1.46	931	154	11.2	91.4	135.7	17.7	0.05	1.58	914
10/30/22	151	9.6	150.7	132.5	12.2	0.23	0.00	916	141	10.6	126.3	126	20.9	0.00	1.46	933	153	11.6	138	140	13.4	0.23	0.06	916
10/31/22	154	9.9	117.6	134.7	20.1	0.34	0.00	890	142	10.6	79.9	127.3	27.3	0.00	1.78	898	155	11.7	81.2	141.4	28.6	0.20	0.28	878
11/1/22	144	9.5	170	134.1	14.6	0.16	0.01	906	143	10.7	114.7	127.8	28.4	0.00	1.82	912	152	11.6	86.8	136.4	24.3	0.05	0.19	884
11/2/22	144	9.9	84.4	152.5	14.9	0.16	0.10	884									151	12	51.1	135.8	27.3	0.04	0.17	900
11/3/22	141	9.6	66.8	146.8	17.4	0.13	0.04	903									152	11.9	50.4	136.4	24.4	0.02	0.18	905
11/4/22	140	9.1	54.5	138.9	18.1	0.10	0.10	914	144	10.2	74.1	125.8	30.6	0.04	1.20	925	151	11.5	49.8	134.7	25.9	0.06	0.16	901
11/5/22	144	9.8	88.5	134.8	21.5	0.08	0.10	885	138	10.7	79	128.9	28.7	0.00	1.44	924	151	11.9	65.4	136.8	28.5	0.04	0.12	889
11/6/22	145	9.4	65.6	131.2	18.6	0.15	0.07	913	137	11	78.5	130.5	22.9	0.03	1.41	903	153	12.1	63.8	142	20.4	0.04	0.19	882
11/7/22	143	9.4	41.8	133.1	23.9	0.19	0.12	896	139	10.9	59.8	129.9	25.7		1.19	894	153	12.2	47.2	135.8	22.5	0.05	0.12	884
11/8/22	146	9.3	79.5	131.5	23.7	0.12	0.13	921	136	10.6	92.8	126.3	26.5	0.15	1.26	918	151	11.8	84.5	135.4	26.6	0.16	0.13	897
11/9/22									135	10.9	68.9	128.2	26.8		1.33	908	151	12	56.2	134.4	27.4	0.03	0.24	891
11/10/22	152	8.9	72.5	129.9	24.6	0.13	0.15	923	137	11	44.7	128.3	32.2		1.31	914	152	11.7	45.1	148.2	24.4	0.04	0.18	906
11/11/22	152	9.8	73.7	130.1	19.1	0.07	0.16	903	137	11.2	70.2	129.4	28.4	0.06	1.30	913	152	12.4	55.2	138	31	0.03	0.16	887
11/12/22	153	9.4	84.3	128.9	17.9	0.09	0.19	915	137	10.9	84.9	127.9	22.3	0.10	1.30	924	152	12	61.7	134.5	23.8	0.02	0.20	895
11/13/22	152						0.21	919	138	11.2	102.8	127.9	22.3	0.14	1.32	908	153	12.2	84.2	135.1	21.7	0.10	0.21	892
11/14/22	149	9.9	68.9	129.4	22.3	0.09	0.23	904	133	11.2	64.9	132	28.6	0.33	1.32	912	149	12.1	41.7	135.1	28.2	0.03	0.19	894
11/15/22	145	9.8	67.2	128.3	30.9	0.07	0.28	905									146	11.9	45.1	131.9	28	0.03	0.18	902
11/16/22	148	9.5	61.5	137.3	18	0.07	0.29	913									152	12.1	53.5	136.8	22.3	0.04	0.22	959
11/17/22	151	9.6	82.2	130.7	16.7	0.08	0.28	931	140	11.3	100.8	131	21.9	0.06	1.33	920	151						0.17	966
11/18/22	152	9.7	70.3	130.3	18.4	0.06	0.30	919	139	10.7	89.7	127.8	20.8	0.04	1.38	949	149	12.1	43.3	147.8	19.3	0.24	0.21	925
11/19/22	153	9.5	64.4	131.5	17.4	0.04	0.35	921	137	11	65	129.6	31.6	0.05	1.43	930	150	12.3	48.4	142.6	27.5	0.46	0.29	905
11/20/22	152	9.9	107.1	130.8	20.9	0.11	0.37	910	136	10.9	98.3	129.3	23.6	0.06	1.43	928	149	12.3	82.1	141.6	27	0.46	0.24	900
11/21/22									134	10.6	50.7	129.6	29	0.10	1.39	931	151	11.5	37.6	133.5	27.6	0.52	0.19	920
11/22/22									133	10.7	77	127.2	21.2	0.11	1.34	931	149	12.1	75.6	132.1	28.2	0.50	0.23	928
11/23/22	155	9.4	70.9	129.1	20.9	0.04	0.28	936	129	10.6	36.4	126.7	32	0.10	1.32	929	148	12.6	45.4	139	25.7	0.58	0.17	912
11/24/22																	148	12.6	44.5	137.1	21.3	0.64	0.27	916
11/25/22																	143	12.5	28.9	132	20.7	0.54	0.27	926
11/26/22									134	10.6	66.8	128.1	23.6	0.01	1.49	929	141	12.8	21.8	136.6	18.7	0.58	0.25	898
11/27/22	155	9.2	92.5	128.1	18.9	0.06	0.34	941									135	12.5	22.8	137.7	19.4	0.51	0.26	918
11/28/22	158	9.4	69	130	19.1	0.11	0.36	921	136	10.8	67.1	131.4	24.7	0.00	1.59	908	137	13.1	12.3	130.7	17	0.58	0.29	893
11/29/22	158	9.7	45.5	127.8	19.8	0.09	0.43	911	137	11.6	46.6	132.6	25.4	0.00	1.62	900	135	13.3	6.8	121	23.6	0.67	0.38	902
11/30/22	159	9.9	89.5	128.6	23.2	0.11	0.43	901	134	11.4	76.5	127.9	22.3	0.00	1.62	902								
12/1/22	155	9.7	69	128.1	22.9	0.22	0.49	931	137	11.2	82.8	126.2	18.7	0.01	1.70	939								
12/2/22									130	10.7	64	125	20.7	0.07	1.70	948								
12/3/22	155	8.8	68.6	131.5	14.7	0.09	0.54	951																
12/4/22	159	9.3	57.6	128.8	16.7	0.06	0.54	944																
12/5/22	158	9.3	47.3	127.6	20.2	0.07	0.57	943	137	10.3	73.3	130	23.8	0.04	1.43	939								
12/6/22	160	9.3	60.7	130.7	17.4	0.05	0.49	944	137	10.3	88.9	129.8	23.1	0.03	1.40	937								
12/7/22	159	9.4	40.9	129	22	0.05	0.47	938	137	10.3	58.7	131.3	23.3	0.08	1.40	924								
12/8/22	159	9.4	55.2	129.9	23.5	0.07	0.43	940	139	10.5	73.1	139.7	24.2	0.05	1.33	928	151	11.2	98.7	151.7	30.4	0.46	0.34	866
12/9/22	158	9.3	52.1	132	21.7	0.10	0.43	942	141	10.8	60.5	144.1	23.5	0.06	1.37	912	151	11.2	76.7	138.1	21.1	0.43	0.42	882
12/10/22	159	9.2	51.6	128.9	22.6	0.07	0.44	931									153	11.4	85.1	137.8	25	0.39	0.41	894
12/11/22	158	9.8	53.3	125.3	20	0.03	0.44	922	141	10.7	71.3	144	20.6	0.00	1.34	928	155	11.4	100.6	139.9	20.6	0.36	0.34	917
12/12/22	157	9.7	44.7	128.2	21.6	0.04	0.45	922	139	10.6	60	138.1	22.8	0.01	1.39	924	153	11.5	79	141.2	19.7	0.40	0.42	915
12/13/22	157	9.7	48	129	24.9	0.05	0.45	927	139	10.7	76.3	129.9	28.2	0.01	1.41	927	152	12	89.2	134.2	24.7	0.38	0.43	919
12/14/22									137	10.8	54.8	128.9	22.6	0.06	1.45	918	150	12	73.4	132.8	22.6	0.31	0.50	923
12/15/22									137	10.8	64.2	127.2	15.5	0.00	1.46	922	151	12.3	80.7	140	20.4	0.55	0.48	909
12/16/22	150	9.6	49.1	129.2	22.2	0.08	0.14	935									149	11.9	61.6	129.8	26	0.35	0.50	915
12/17/22	152	9.6	62	128.4	19.3	0.03	0.09	931	138	10.4	94.9	130.9	23.7	0.01	1.42	939	151	12.1	78.3	134.9	22	0.38	0.48	912
12/18/22	155	9.8	61.9	128.7	23.3	0.07	0.07	914	138	10.4	82.7	129.8	23.4	0.00	0.41	927	150	12.1	70.3	134.8	23.3	0.33	0.57	915
12/19/22	152	9.5	40.3	125.6	19.5	0.08	0.21	929	137	10.6	63	128.1	19.3	0.00	0.65	930	149	12.1	56.5	130.9	20.2	0.19	0.65	917
12/20/22	152	9.4	92.7	124.6	14.8	0.04	0.36	929	138	10.3	121.4	127.9	18.8	0.00	0.71	937	147	11.8	128.8	129.8	20.8	0.26	0.81	926
12/21/22	153	9.7	56.7	126.7	20.6	0.09	0.35	926	138	10.7	69.6	129.6	24.7	0.00	0.74	922	149	11.1	75.5	129.3	31.4	0.20	0.72	915
12/22/22	153	9.7	35.4	127.3	24.6	0.05	0.38	924	136	10.7	50.4	128.7	24	0.00	0.73	922	151	9.4	51.2	129.2	31.1	0.09	0.42	921

12/23/22	154	9.5	36.7	129	19.4	0.16	0.41	923	136	11	56.9	128.1	24.8	0.01	0.71	923	150	9	51.2	133.6	25.3	0.33	0.41	928
12/24/22	155	9.7	45.4	123.9	20.8	0.06	0.25	918	138	11.3	53.5	130	21.1	0.00	0.56	910	152	9.5	57.7	129.3	28.6	0.10	0.31	904
12/25/22	153	9.7	79.9	121.7	15.1	0.02	0.17	915	140	10.9	94.8	130	16.6	0.01	0.55	920	149.6	9.6	62.2	129	16.3	0.06	0.18	899
12/26/22									139	11.2	55.9	127.9	28	0.24	0.42	905	150	9.2	39.9	126.7	26.9	0.49	0.08	888
12/27/22	155	9.8	39.4	121.2	18.6	0.01	0.13	902	140	11	65.1	130.9	22.3	0.00	0.50	901	150	8.6	48.7	129.7	24.6	0.18	0.12	905
12/28/22	157	9.3	31.1	127	17.6	0.02	0.09	914	143	11.1	45.7	132.3	27.1	0.00	0.20	909	154	9	42.7	130.5	29.8	0.40	0.20	896
12/29/22	159	9.6	30.2	128.3	24.2	0.07	0.08	907	139	11.1	50.2	131.5	25	0.01	0.26	913	153	8.4	53.3	129.6	23	0.11	0.25	916
12/30/22	156	9.9	25.1	128.3	18.1	0.03	0.12	913	140	11.4	32.9	131.6	19.9	0.02	0.26	900	151	8.9	39.1	131	26.6	0.17	0.21	900
12/31/22	155	9.5	33.8	128.8	20.9	0.01	0.13	909	140	11.7	38.2	135.2	23	0.03	0.28	885	149	9.1	49	133.9	23.5	0.12	0.25	890
Average	154	9.8	61.2	127.3	26.4	0.13	0.65	934	142	10.3	71.6	129.9	23.0	0.07	0.70	928	152	9.9	65.8	133.5	26.5	0.17	0.58	916
Min	140	8.8	14.4	108.1	11.6	0.00	0.00	863	129	9.1	13.0	112.0	12.5	0.00	0.00	879	135	8.2	6.8	121.0	13.4	0.00	0.06	861
Max	160	11.4	170.0	159.6	44.2	0.70	2.21	995	153	12.0	187.5	166.2	37.5	1.02	2.24	968	163	13.3	181.9	154.0	42.6	0.67	2.04	966