

DAFTAR PUSTAKA

- Baharuddin, M. & Ishak, T., 2012. Analisis Ketersedian Radiasi Matahari di Makassar. Jurnal JPE. Volume 6, pp 58-64
- Gautama, S. E. (2010). Astronomi dan Astrofisika (pp. 1–272)
- G. Prinsloo and R. Dobson, Solar Tracking (Sun Position, Sun Tracking, Sun Following), South Africa: Stellenbosch University, 2015.
- Hartawan Sihotang, Ganda.2019.Perencanaan Pembangkit Listrik Tenaga Surya*Rooftop* Di Hotel Kini Pontianak. Universitas Tanjungpura :KalimantanBarat
- H. I. Yasin, “Penggunaan Mekanisme Tracker Dual Axis Untuk Optimasi Daya Solar PV Skala 10WP Dengan Arduino,” Chassis, pp. 2685-533X, 2020.
- Kalogirou, S. (2014). Solar Energy Engineering: Processes and Systems. Academic Press. <https://books.google.co.id/books?id=XYc4nwEACAAJ>
- Karttunen, H., Kröger, P., Oja, H., Poutanen, M., & Donner, K. J. (2016). Fundamental Astronomy. Springer Berlin Heidelberg. <https://books.google.co.id/books?id=ndd2DQAAQBAJ>
- Matongan, Gabriel. S.A.2021. Prototipe Astronomical Based Solar Tracker: Pengembangan Model Tracking Untuk Memaksimalkan Output Daya Dan Efisiensi Panel Surya. Universitas Hasanuddin:Gowa
- M. A. Maricar, “Analisa Perbandingan Nilai Akurasi Moving Average dan Exponential Smoothing untuk Sistem Peramalan Pendapatan pada Perusahaan XYZ,” Jurnal Sistem dan Informatika, pp. Vol. 13, No. 2, 2019.
- N. Karmiathi, “Rancang Bangun Modul Solar Cell Dengan Memanfaatkan Komponen Fotovoltaic Kompatibel,” Jurnal Logic, p. 11, 2011.
- Octaviantia,Angelia.2018.Estimasi Intensitas Radiasi Matahari di Wilayah Kita Makassar.Universitas Tanjungpura : Kalimantan Barat. (ISSN : 2337-8204)
- Pradirowardoyo, S., 1996. Meteorologi. Bandung : ITB
- Ramadhan &Rangkuti.2016.Perencanaan Pembangkit Listrik Tenaga Surya Di Atap Gedung Harry Hartanto Universitas Trisakti. Universitas Trisakti : Jawa Barat (ISSN (E) : 2540-7589) (ISSN (P) : 2460-8696)



E., & Clarke, D. (2003). Astronomy: Principles and Practice, Fourth
ition (PBK). Taylor & Francis.
[ps://books.google.co.id/books?id=NdLLwAEACAAJ](https://books.google.co.id/books?id=NdLLwAEACAAJ)

- R. Oktaviani, D. M. Midyanti dan S. Bahri, “Implementasi Metode Regresi Linear Untuk Prediksi Kebutuhan Energi Listrik PLN Rayon Sintang Berbasis Website,” Jurnal Komputer dan Aplikasi, Vol. %1 dari %2Volume 09, No. 01, pp. hal 119-130, 2021.
- Susatya, E. Pamungkas, R. Susanti, T. & Setiawan, A., 2011. Pengukuran Radiasi Matahari Dengan Memanfaatkan Sensor Suhu LM35. Prosding Seminar Nasional Sains dan Pendidikan Sains Uksw. Volume F, No 8, pp F81 – F85
- Sørensen, B., Sorensen, B. M., & Engineering Information, I. (2004). renewable Energy. Elsevier Science.
<https://books.google.co.id/books?id=Y17FoN2VUEwC>
- World Health Organization. (2018, May 24). The top 10 causes of death. Retrieved from <https://www.who.int/news-room/fact-sheets/detail/the-top-10-causes-of-death>
- Y. Astuti, B. Novianti, T. Hidayat dan D. Maulina, “Penerapan Metode Single Moving Average untuk Peramalan Pejualan Mainan Anak,” Seminar Nasional Sistem Informasi dan Teknik Informatika, 2019



Lampiran 1 Prototipe PLTS menggunakan *tracker* (kiri) dan PLTS tanpa menggunakan *tracker* (kanan)



Lampiran 2 Spesifikasi Panel Surya Venus *Polycrystalline* 100 Wp Model VG- 100-18-P

Model:VG-100-18-P	
Nilai Maksimum Daya (Pmax)	100W
Efisiensi sel	17.64%
Tegangan Maksimum Daya (Vmp)	18.3V
Arus Maksimum Daya (Imp)	5.46A
Tegangan pada sirkuit terbuka (Voc)	22.1V
Hubungan Arus pendek (Isc)	5.86A
Toleransi	±3%
Sistem Tegangan maksimum	1000V
Sifat koefisien:	
Pada(Isc)	0.08%/°C
Pada(Voc)	-0.32%/°C
Pada(Pmax)	-0.38%/°C
Dimensi	1015*670*30 (mm)
Berat(Kg)	6.70Kg
Warna	Silver
Nilai Sekring Seri	5A
Jumlah Dioda	2
Kinerja data teknis yang tercatat pada Standard Test Conditions(STC)	
AM=1.5 E=1000W/m² TC=25°C	
   RoHS	
	



Lampiran 3 Daya output PLTS menggunakan *solar tracker* & PLTS tanpa *solar tracker* (Data sekunder) pada hari ke-1 (29 Juli 2021) dan hari ke-28 (25 Agustus 2021)

Tanggal	Jam	Sun (HA)	Tracker (HA)	Tracker (Watt)	(StaticWatt)	Selisih (Watt)
7/29/2021	06.00	-90	-45	0.000033	0	0.000033
7/29/2021	06.01	-89.75	-45	0.000272	0	0.000272
7/29/2021	06.02	-89.5	-45	0.000615	0	0.000615
7/29/2021	06.03	-89.25	-45	0.00104	0.000003	0.001037
7/29/2021	06.04	-89	-45	0.00255	0.000027	0.002523
7/29/2021	06.05	-88.75	-45	0.00507	0.00003	0.00504
7/29/2021	06.06	-88.5	-45	0.008262	0.00003	0.008232
7/29/2021	06.07	-88.25	-45	0.01472	0.00003	0.01469
7/29/2021	06.08	-88	-45	0.014586	0.00003	0.014556
7/29/2021	06.09	-87.75	-45	0.017457	0.00006	0.017397
7/29/2021	06.10	-87.5	-45	0.022428	0.00012	0.022308
7/29/2021	06.11	-87.25	-45	0.024992	0.000189	0.024803
7/29/2021	06.12	-87	-45	0.025665	0.000348	0.025317
7/29/2021	06.13	-86.75	-45	0.023124	0.000555	0.022569
7/29/2021	06.14	-86.5	-45	0.030305	0.000728	0.029577
7/29/2021	06.15	-86.25	-45	0.030685	0.001207	0.029478
7/29/2021	06.16	-86	-45	0.04004	0.002208	0.037832
7/29/2021	06.17	-85.75	-45	0.05088	0.005043	0.045837
7/29/2021	06.18	-85.5	-45	0.04838	0.006762	0.041618
7/29/2021	06.19	-85.25	-45	0.055	0.009724	0.045276
7/29/2021	06.20	-85	-45	0.056388	0.01248	0.043908
7/29/2021	06.21	-84.75	-45	0.069372	0.016848	0.052524
7/29/2021	06.22	-84.5	-45	0.083616	0.01965	0.063966
7/29/2021	06.23	-84.25	-45	0.117475	0.021918	0.095557
7/29/2021	06.24	-84	-45	0.147702	0.02684	0.120862
7/29/2021	06.25	-83.75	-45	0.17862	0.038124	0.140496
7/29/2021	06.26	-83.5	-45	0.22802	0.044577	0.183443
7/29/2021	06.27	-83.25	-45	0.259325	0.048642	0.210683
7/29/2021	06.28	-83	-45	0.31598	0.061513	0.254467
7/29/2021	06.29	-82.75	-45	0.420423	0.06818	0.352243
7/29/2021	06.30	-82.5	-45	1.360.564	0.09962	1.260.944
7/29/2021	06.31	-82.25	-45	2.944.753	0.136278	2.808.475
7/29/2021	06.32	-82	-45	3.548.996	0.152764	3.396.232
7/29/2021	06.33	-81.75	-45	396.252	0.169726	3.792.794
7/29/2021	06.34	-81.5	-45	3.419.624	0.160605	3.259.019
7/29/2021	06.35	-81.25	-45	1.828.224	0.14076	1.687.464
7/29/2021	06.36	-81	-45	0.72616	0.884722222	0.59876
7/29/2021	06.37	-80.75	-45	0.350336	0.119119	0.231217
7/29/2021	06.38	-80.5	-45	0.295176	0.128444	0.166732
7/29/2021	06.39	-80.25	-45	0.311787	0.128832	0.182955
7/29/2021	06.40	-80	-45	0.349569	0.147489	0.20208
7/29/2021	06.41	-79.75	-45	0.37962	0.161974	0.217646



7/29/2021	06.42	-79.5	-45	0.422541	0.172156	0.250385
7/29/2021	06.43	-79.25	-45	0.478926	0.198531	0.280395
7/29/2021	06.44	-79	-45	0.533171	0.222305	0.310866
7/29/2021	06.45	-78.75	-45	0.601772	0.239184	0.362588
7/29/2021	06.46	-78.5	-45	0.687944	0.26976	0.418184
7/29/2021	06.47	-78.25	-45	0.766932	0.303066	0.463866
7/29/2021	06.48	-78	-45	0.912921	0.333528	0.579393
7/29/2021	06.49	-77.75	-45	13.275	0.389088	0.938412
7/29/2021	06.50	-77.5	-45	2.266.358	0.482784	1.783.574
7/29/2021	06.51	-77.25	-45	337.644	0.586719	2.789.721
7/29/2021	06.52	-77	-45	515.124	0.728016	4.423.224
7/29/2021	06.53	-76.75	-45	9.060.864	0.97691	8.083.954
7/29/2021	06.54	-76.5	-45	16.644.852	139.904	15.245.812
7/29/2021	06.55	-76.25	-45	23.347.868	1.774.381	21.573.487
7/29/2021	06.56	-76	-45	26.878.782	2.010.624	24.868.158
7/29/2021	06.57	-75.75	-45	2.839.887	2.154.916	26.243.954
7/29/2021	06.58	-75.5	-45	29.667.022	2.298.312	2.736.871
7/29/2021	06.59	-75.25	-45	3.141.232	2.480.688	28.931.632
7/29/2021	07.00	-75	-45	32.806.813	2.642.472	30.164.341
7/29/2021	07.01	-74.75	-45	34.081.344	2.797.355	31.283.989
7/29/2021	07.02	-74.5	-45	3.531.375	2.985.282	32.328.468
7/29/2021	07.03	-74.25	-45	36.325.773	3.136.492	33.189.281
7/29/2021	07.04	-74	-45	37.761.556	3.345.616	3.441.594
7/29/2021	07.05	-73.75	-45	38.982.328	3.549.406	35.432.922
7/29/2021	07.06	-73.5	-45	38.617.488	3.655.425	34.962.063
7/29/2021	07.07	-73.25	-45	37.428.363	3.748.276	33.680.087
7/29/2021	07.08	-73	-45	34.575.763	369.512	30.880.643
7/29/2021	07.09	-72.75	-45	36.068.655	3.942.897	32.125.758
7/29/2021	07.10	-72.5	-45	37.450.266	4.213.818	33.236.448
7/29/2021	07.11	-72.25	-45	34.003.508	4.092.246	29.911.262
7/29/2021	07.12	-72	-45	3.796.443	4.516.756	33.447.674
7/29/2021	07.13	-71.75	-45	44.694.076	5.144.092	39.549.984
7/29/2021	07.14	-71.5	-45	42.494.924	516.108	37.333.844
7/29/2021	07.15	-71.25	-45	40.994.575	5.183.024	35.811.551
7/29/2021	07.16	-71	-45	50.225.704	6.152.283	44.073.421
7/29/2021	07.17	-70.75	-45	49.726.522	6.290.811	43.435.711
7/29/2021	07.18	-70.5	-45	27.919.976	4.362.267	23.557.709
7/29/2021	07.19	-70.25	-45	12.093.032	2.633.122	945.991
7/29/2021	07.20	-70	-45	7.859.608	2.073.082	5.786.526
7/29/2021	07.21	-69.75	-45	6.994.473	1.928.433	506.604
7/29/2021	07.22	-69.5	-45	7.034.696	1.915.632	5.119.064
7/29/2021	07.23	-69.25	-45	7.312.682	192.256	5.390.122
1	07.24	-69	-45	7.405.376	192.768	5.477.696
1	07.25	-68.75	-45	76.725	1.966.424	5.706.076
1	07.26	-68.5	-45	8.215.998	2.032.524	6.183.474
1	07.27	-68.25	-45	8.971.282	2.150.306	6.820.976



7/29/2021	07.28	-68	-45	11.016.346	2.420.592	8.595.754
7/29/2021	07.29	-67.75	-45	14.388.292	2.864.332	1.152.396
7/29/2021	07.30	-67.5	-45	16.929.252	3.232.706	13.696.546
7/29/2021	07.31	-67.25	-45	1.646.302	324.968	1.321.334
7/29/2021	07.32	-67	-45	24.226.513	4.223.835	20.002.678
7/29/2021	07.33	-66.75	-45	44.347.392	6.807.565	37.539.827
7/29/2021	07.34	-66.5	-45	4.424.777	689.985	3.734.792
7/29/2021	07.35	-66.25	-45	35.544.894	606.783	29.477.064
7/29/2021	07.36	-66	-45	2.972.139	5.206.032	24.515.358
7/29/2021	07.37	-65.75	-45	41.309.788	678.351	34.526.278
7/29/2021	07.38	-65.5	-45	37.913.668	6.522.792	31.390.876
7/29/2021	07.39	-65.25	-45	25.802.763	4.786.912	21.015.851
7/29/2021	07.40	-65	-45	41.058.512	6.833.904	34.224.608
7/29/2021	07.41	-64.75	-45	57.595.188	9.170.875	48.424.313
7/29/2021	07.42	-64.5	-45	70.407.588	11.130.048	5.927.754
7/29/2021	07.43	-64.25	-45	75.284.705	12.021.072	63.263.633
7/29/2021	07.44	-64	-45	77.994.592	1.256.334	65.431.252
7/29/2021	07.45	-63.75	-45	77.327.424	12.675.084	6.465.234
7/29/2021	07.46	-63.5	-45	44.349.575	7.628.411	36.721.164
7/29/2021	07.47	-63.25	-45	19.201.875	3.757.325	1.544.455
7/29/2021	07.48	-63	-45	21.267.991	4.116.402	17.151.589
7/29/2021	07.49	-62.75	-45	14.734.314	3.080.289	11.654.025
7/29/2021	07.50	-62.5	-45	17.515.764	357.315	13.942.614
7/29/2021	07.51	-62.25	-45	2.433.822	4.803.303	19.534.917
7/29/2021	07.52	-62	-45	3.999.723	7.405.678	32.591.552
7/29/2021	07.53	-61.75	-45	43.309.088	82.104	35.098.688
7/29/2021	07.54	-61.5	-45	38.980.983	735.441	31.626.573
7/29/2021	07.55	-61.25	-45	42.744.897	8.034.816	34.710.081
7/29/2021	07.56	-61	-45	570.802	1.054.557	4.653.463
7/29/2021	07.57	-60.75	-45	78.267.852	14.655.312	6.361.254
7/29/2021	07.58	-60.5	-45	76.541.595	14.504.952	62.036.643
7/29/2021	07.59	-60.25	-45	6.256.278	11.756.667	50.806.113
7/29/2021	08.00	-60	-45	70.831.449	13.496.596	57.334.853
7/29/2021	08.01	-59.75	-45	76.652.646	14.918.058	61.734.588
7/29/2021	08.02	-59.5	-45	7.717.773	15.208.116	61.969.614
7/29/2021	08.03	-59.25	-45	77.645.358	15.571.493	62.073.865
7/29/2021	08.04	-59	-45	77.558.404	15.784.926	61.773.478
7/29/2021	08.05	-58.75	-45	77.086.282	15.801.324	61.284.958
7/29/2021	08.06	-58.5	-45	7.817.768	1.633.521	6.184.247
7/29/2021	08.07	-58.25	-45	7.795.725	16.489	6.146.825
7/29/2021	08.08	-58	-45	77.937.147	166.152	61.321.947
7/29/2021	08.09	-57.75	-45	782.544	16.961.415	61.292.985
1	08.10	-57.5	-45	7.852.331	17.177.862	61.345.448
1	08.11	-57.25	-45	78.006.096	17.465.868	60.540.228
1	08.12	-57	-45	78.704.086	1.782.765	60.876.436
1	08.13	-56.75	-45	7.890.246	1.808.964	6.081.282



7/29/2021	08.14	-56.5	-45	79.240.032	18.467.108	60.772.924
7/29/2021	08.15	-56.25	-45	80.124	18.938.516	61.185.484
7/29/2021	08.16	-56	-45	81.004.087	19.381.478	61.622.609
7/29/2021	08.17	-55.75	-45	81.259.074	1.970.176	61.557.314
7/29/2021	08.18	-55.5	-45	81.148.635	19.966.968	61.181.667
7/29/2021	08.19	-55.25	-45	817.222	20.516.926	61.205.274
7/29/2021	08.20	-55	-45	82.390.325	2.091.483	61.475.495
7/29/2021	08.21	-54.75	-45	82.794.495	2.132.156	61.472.935
7/29/2021	08.22	-54.5	-45	8.293.766	21.643.804	61.293.856
7/29/2021	08.23	-54.25	-45	83.429.301	22.257.651	6.117.165
7/29/2021	08.24	-54	-45	82.528.225	22.138.072	60.390.153
7/29/2021	08.25	-53.75	-45	82.794.495	22.601.817	60.192.678
7/29/2021	08.26	-53.5	-45	8.272.047	229.398	5.978.067
7/29/2021	08.27	-53.25	-45	82.549.908	23.172.084	59.377.824
7/29/2021	08.28	-53	-45	83.555.192	2.381.876	59.736.432
7/29/2021	08.29	-52.75	-45	8.389.857	24.310.935	59.587.635
7/29/2021	08.30	-52.5	-45	84.578.517	24.877.885	59.700.632
7/29/2021	08.31	-52.25	-45	84.221.775	24.946.096	59.275.679
7/29/2021	08.32	-52	-45	84.851.046	25.448.072	59.402.974
7/29/2021	08.33	-51.75	-45	85.172.084	26.018.101	59.153.983
7/29/2021	08.34	-51.5	-45	85.450.585	26.640.882	58.809.703
7/29/2021	08.35	-51.25	-45	85.527.816	27.004.894	58.522.922
7/29/2021	08.36	-51	-45	85.781.775	27.610.212	58.171.563
7/29/2021	08.37	-50.75	-45	85.852.125	28.081.264	57.770.861
7/29/2021	08.38	-50.5	-45	85.985.842	28.475.799	57.510.043
7/29/2021	08.39	-50.25	-45	86.013	28.784.555	57.228.445
7/29/2021	08.40	-50	-45	86.206.248	2.935.002	56.856.228
7/29/2021	08.41	-49.75	-45	8.640.274	29.915.076	56.487.664
7/29/2021	08.42	-49.5	-45	86.616.614	30.350.907	56.265.707
7/29/2021	08.43	-49.25	-45	8.663.274	30.742.953	55.889.787
7/29/2021	08.44	-49	-45	86.630.742	30.962.864	55.667.878
7/29/2021	08.45	-48.75	-45	8.670.345	31.603.484	55.099.966
7/29/2021	08.46	-48.5	-45	86.746.869	3.216.941	54.577.459
7/29/2021	08.47	-48.25	-45	86.926.788	3.268.454	54.242.248
7/29/2021	08.48	-48	-45	86.959.151	330.826	53.876.551
7/29/2021	08.49	-47.75	-45	86.985.457	3.378.375	53.201.707
7/29/2021	08.50	-47.5	-45	86.807.504	34.081.344	5.272.616
7/29/2021	08.51	-47.25	-45	86.671.134	34.316.044	5.235.509
7/29/2021	08.52	-47	-45	86.709.496	34.737.944	51.971.552
7/29/2021	08.53	-46.75	-45	86.722.632	35.358.239	51.364.393
7/29/2021	08.54	-46.5	-45	86.653.968	36.014.616	50.639.352
7/29/2021	08.55	-46.25	-45	8.664.892	365.497	5.009.922
1	08.56	-46	-45	86.752.944	36.946.835	49.806.109
1	08.57	-45.75	-45	86.694.352	3.728.186	49.412.492
1	08.58	-45.5	-45	8.660.247	37.645.005	48.957.465
1	08.59	-45.25	-45	86.539.908	38.148.459	48.391.449



7/29/2021	09.00	-45	-44	8.652.072	38.729.472	47.791.248
7/29/2021	09.01	-44.75	-44	86.682.225	39.188.485	4.749.374
7/29/2021	09.02	-44.5	-44	8.688.534	39.752.713	47.132.627
7/29/2021	09.03	-44.25	-44	87.040.095	40.508.512	46.531.583
7/29/2021	09.04	-44	-43	87.220.301	4.127.424	45.946.061
7/29/2021	09.05	-43.75	-43	87.506.204	41.979.645	45.526.559
7/29/2021	09.06	-43.5	-43	87.613.789	4.302.616	44.587.629
7/29/2021	09.07	-43.25	-43	87.562.018	43.716.192	43.845.826
7/29/2021	09.08	-43	-42	8.744.229	44.164.122	43.278.168
7/29/2021	09.09	-42.75	-42	87.511.278	44.771.688	4.273.959
7/29/2021	09.10	-42.5	-41	87.302.378	45.207.464	42.094.914
7/29/2021	09.11	-42.25	-42	87.400.704	46.133.973	41.266.731
7/29/2021	09.12	-42	-40	87.438.228	47.030.474	40.407.754
7/29/2021	09.13	-41.75	-41	87.625.968	47.830.496	39.795.472
7/29/2021	09.14	-41.5	-40	87.785.436	48.972.196	3.881.324
7/29/2021	09.15	-41.25	-40	88.002.048	50.257.208	3.774.484
7/29/2021	09.16	-41	-40	8.809.059	5.184.278	3.624.781
7/29/2021	09.17	-40.75	-40	88.209.735	53.401.425	3.480.831
7/29/2021	09.18	-40.5	-40	8.741.694	51.856.832	35.560.108
7/29/2021	09.19	-40.25	-40	83.070.078	4.117.465	41.895.428
7/29/2021	09.20	-40	-39	7.868.198	37.871.613	40.810.367
7/29/2021	09.21	-39.75	-39	57.761.586	2.515.075	32.610.836
7/29/2021	09.22	-39.5	-39	55.951.704	24.910.892	31.040.812
7/29/2021	09.23	-39.25	-39	64.412.204	30.300.128	34.112.076
7/29/2021	09.24	-39	-37	63.049.288	2.990.736	33.141.928
7/29/2021	09.25	-38.75	-37	67.861.765	33.552.768	34.308.997
7/29/2021	09.26	-38.5	-37	7.549.659	38.030.636	37.465.954
7/29/2021	09.27	-38.25	-37	87.661.514	57.588.596	30.072.918
7/29/2021	09.28	-38	-37	88.401.363	60.431.286	27.970.077
7/29/2021	09.29	-37.75	-37	68.893.187	35.104.585	33.788.602
7/29/2021	09.30	-37.5	-37	72.103.244	36.419.314	3.568.393
7/29/2021	09.31	-37.25	-37	70.341.187	35.574.624	34.766.563
7/29/2021	09.32	-37	-36	69.637.932	36.579.202	3.305.873
7/29/2021	09.33	-36.75	-36	8.738.956	54.153.066	33.236.494
7/29/2021	09.34	-36.5	-36	90.256.848	65.578.704	24.678.144
7/29/2021	09.35	-36.25	-36	89.680.712	6.497.753	24.703.182
7/29/2021	09.36	-36	-35	8.909.312	63.052.758	26.040.362
7/29/2021	09.37	-35.75	-35	88.627.905	61.472	27.155.905
7/29/2021	09.38	-35.5	-35	88.305.525	6.052.914	27.776.385
7/29/2021	09.39	-35.25	-34	8.811.706	5.944.796	286.691
7/29/2021	09.40	-35	-34	88.144.551	59.345.979	28.798.572
7/29/2021	09.41	-34.75	-34	8.818.426	59.083.068	29.101.192
1	09.42	-34.5	-34	87.997.972	59.219.043	28.778.929
1	09.43	-34.25	-34	87.922.696	59.514.042	28.408.654
1	09.44	-34	-32	87.550.848	59.322.575	28.228.273
1	09.45	-33.75	-32	8.739.056	59.387.769	28.002.791



7/29/2021	09.46	-33.5	-32	87.328.732	59.239.075	28.089.657
7/29/2021	09.47	-33.25	-32	87.581.304	60.082.702	27.498.602
7/29/2021	09.48	-33	-32	8.745.243	60.610.176	26.842.254
7/29/2021	09.49	-32.75	-32	87.343.939	60.782.558	26.561.381
7/29/2021	09.50	-32.5	-31	87.353.046	61.403.126	2.594.992
7/29/2021	09.51	-32.25	-32	87.375.344	621.414	25.233.944
7/29/2021	09.52	-32	-31	87.403.756	62.786.895	24.616.861
7/29/2021	09.53	-31.75	-31	87.382.456	63.351.975	24.030.481
7/29/2021	09.54	-31.5	-31	875.742	64.060.996	23.513.204
7/29/2021	09.55	-31.25	-31	87.887.108	6.502.736	22.859.748
7/29/2021	09.56	-31	-30	88.129.272	65.322.474	22.806.798
7/29/2021	09.57	-30.75	-30	8.792.778	65.338.242	22.589.538
7/29/2021	09.58	-30.5	-30	88.048.845	6.528.828	22.760.565
7/29/2021	09.59	-30.25	-30	88.173.072	6.593.579	22.237.282
7/29/2021	10.00	-30	-29	8.839.932	66.452.051	21.947.269
7/29/2021	10.01	-29.75	-29	88.462.551	66.776.944	21.685.607
7/29/2021	10.02	-29.5	-29	8.857.175	67.166.616	21.405.134
7/29/2021	10.03	-29.25	-29	88.618.692	67.985.127	20.633.565
7/29/2021	10.04	-29	-27	88.596.236	6.874.384	19.852.396
7/29/2021	10.05	-28.75	-27	88.661.586	695.565	19.105.086
7/29/2021	10.06	-28.5	-27	88.470.711	69.901.568	18.569.143
7/29/2021	10.07	-28.25	-27	88.170.016	70.069.428	18.100.588
7/29/2021	10.08	-28	-26	8.800.101	702.666	1.773.441
7/29/2021	10.09	-27.75	-26	8.802.646	7.046.585	1.756.061
7/29/2021	10.10	-27.5	-26	87.948.116	7.127.854	16.669.576
7/29/2021	10.11	-27.25	-26	87.997.972	71.898	16.099.972
7/29/2021	10.12	-27	-26	8.808.245	72.085.729	15.996.721
7/29/2021	10.13	-26.75	-26	88.124.179	71.887.886	16.236.293
7/29/2021	10.14	-26.5	-26	88.230.115	72.437.948	15.792.167
7/29/2021	10.15	-26.25	-26	8.816.389	72.900.255	15.263.635
7/29/2021	10.16	-26	-25	88.404.418	73.633.725	14.770.693
7/29/2021	10.17	-25.75	-25	8.828.004	72.706.842	15.573.198
7/29/2021	10.18	-25.5	-25	886.228	7.419.136	1.443.144
7/29/2021	10.19	-25.25	-24	87.605.656	70.687.295	16.918.361
7/29/2021	10.20	-25	-24	87.638.145	71.651.737	15.986.408
7/29/2021	10.21	-24.75	-24	8.747.778	7.234.752	1.513.026
7/29/2021	10.22	-24.5	-24	86.520.721	69.180.696	17.340.025
7/29/2021	10.23	-24.25	-24	86.877.248	70.428.544	16.448.704
7/29/2021	10.24	-24	-23	8.482.309	63.735.867	21.087.223
7/29/2021	10.25	-23.75	-23	71.478.312	47.931.806	23.546.506
7/29/2021	10.26	-23.5	-23	7.353.136	49.627.148	23.904.212
7/29/2021	10.27	-23.25	-23	86.930.835	6.784.121	19.089.625
1	10.28	-23	-22	8.811.808	71.478.312	16.639.768
1	10.29	-22.75	-22	89.962.372	77.653.002	1.230.937
1	10.30	-22.5	-22	88.187.328	72.708.682	15.478.646
1	10.31	-22.25	-22	8.674.385	68.134.548	18.609.302



7/29/2021	10.32	-22	-20	8.869.427	7.473.984	1.395.443
7/29/2021	10.33	-21.75	-20	8.734.596	7.095.657	1.638.939
7/29/2021	10.34	-21.5	-20	8.681.457	690.851	1.772.947
7/29/2021	10.35	-21.25	-20	85.458.616	644.392	21.019.416
7/29/2021	10.36	-21	-20	8.928.775	76.166.272	13.121.478
7/29/2021	10.37	-20.75	-20	89.245.728	7.631.307	12.932.658
7/29/2021	10.38	-20.5	-20	8.907.879	76.065.018	13.013.772
7/29/2021	10.39	-20.25	-20	88.824.069	7.570.785	13.116.219
7/29/2021	10.40	-20	-19	88.818.958	7.565.689	13.162.068
7/29/2021	10.41	-19.75	-19	87.250.688	70.505.928	1.674.476
7/29/2021	10.42	-19.5	-19	87.622.908	7.175.828	15.864.628
7/29/2021	10.43	-19.25	-19	88.752.515	75.320.448	13.432.067
7/29/2021	10.44	-19	-18	87.684.867	72.991.056	14.693.811
7/29/2021	10.45	-18.75	-18	8.652.175	6.986.078	1.666.097
7/29/2021	10.46	-18.5	-18	86.926.788	70.185.696	16.741.092
7/29/2021	10.47	-18.25	-18	90.039.562	800.638	9.975.762
7/29/2021	10.48	-18	-17	8.912.896	7.804.347	1.108.549
7/29/2021	10.49	-17.75	-17	89.490.792	79.328.868	10.161.924
7/29/2021	10.50	-17.5	-17	89.569.805	78.774.371	10.795.434
7/29/2021	10.51	-17.25	-17	89.464.116	78.606.936	1.085.718
7/29/2021	10.52	-17	-16	86.649.912	70.300.246	16.349.666
7/29/2021	10.53	-16.75	-16	88.187.328	7.410.823	14.079.098
7/29/2021	10.54	-16.5	-16	903.589	8.100.312	935.578
7/29/2021	10.55	-16.25	-16	90.187.812	81.549.741	8.638.071
7/29/2021	10.56	-16	-15	90.366.111	8.139.406	8.972.051
7/29/2021	10.57	-15.75	-15	90.266.124	80.931.861	9.334.263
7/29/2021	10.58	-15.5	-15	9.047.028	80.684.199	9.786.081
7/29/2021	10.59	-15.25	-15	9.034.653	8.113.203	92.145
7/29/2021	11.00	-15	-14	9.064.472	7.787.682	127.679
7/29/2021	11.01	-14.75	-14	90.972.378	73.937.443	17.034.935
7/29/2021	11.02	-14.5	-14	90.371.268	81.820.305	8.550.963
7/29/2021	11.03	-14.25	-14	902.888	82.014.663	8.274.137
7/29/2021	11.04	-14	-13	90.561.086	7.554.185	15.019.236
7/29/2021	11.05	-13.75	-13	8.820.464	6.267.264	25.532
7/29/2021	11.06	-13.5	-13	87.622.906	66.157.045	21.465.861
7/29/2021	11.07	-13.25	-13	8.991.609	75.717.284	14.198.806
7/29/2021	11.08	-13	-12	90.011.775	76.982.531	13.029.244
7/29/2021	11.09	-12.75	-12	88.482.944	7.315.608	15.326.864
7/29/2021	11.10	-12.5	-12	71.921	53.303.177	18.617.823
7/29/2021	11.11	-12.25	-12	85.470.645	6.731.337	18.157.275
7/29/2021	11.12	-12	-11	85.228.128	6.674.503	18.483.098
7/29/2021	11.13	-11.75	-11	79.522.206	6.158.687	17.935.336
1	11.14	-11.5	-11	79.827.168	6.155.283	18.274.338
1	11.15	-11.25	-11	74.484.072	56.971.264	17.512.808
1	11.16	-11	-10	8.814.353	75.791.859	12.351.671
1	11.17	-10.75	-9	78.742.598	61.683.097	17.059.501



7/29/2021	11.18	-10.5	-10	70.242.975	53.575.936	16.667.039
7/29/2021	11.19	-10.25	-10	87.865.736	7.564.746	12.218.276
7/29/2021	11.20	-10	-9	75.071.224	59.646.314	1.542.491
7/29/2021	11.21	-9.75	-9	7.819.014	6.140.825	1.678.189
7/29/2021	11.22	-9.5	-9	7.223.776	57.300.048	14.937.712
7/29/2021	11.23	-9.25	-9	55.658.391	41.445.831	1.421.256
7/29/2021	11.24	-9	-7	593.702	48.581.302	10.788.898
7/29/2021	11.25	-8.75	-7	49.175.068	34.262.688	1.491.238
7/29/2021	11.26	-8.5	-7	599.928	43.301.946	16.690.854
7/29/2021	11.27	-8.25	-7	71.936.635	56.234.409	15.702.226
7/29/2021	11.28	-8	-6	72.865.089	56.993.376	15.871.713
7/29/2021	11.29	-7.75	-6	88.182.234	7.612.935	12.052.884
7/29/2021	11.30	-7.5	-6	89.593.434	78.706.989	10.886.445
7/29/2021	11.31	-7.25	-7	85.197.114	69.488.663	15.708.451
7/29/2021	11.32	-7	-6	83.879.712	68.838.294	15.041.418
7/29/2021	11.33	-6.75	-6	85.981.808	71.963.298	1.401.851
7/29/2021	11.34	-6.5	-6	861.136	73.027.206	13.086.394
7/29/2021	11.35	-6.25	-6	89.166.852	799.474	9.219.452
7/29/2021	11.36	-6	-5	89.880.103	8.207.952	7.800.583
7/29/2021	11.37	-5.75	-5	90.082.794	82.948.524	713.427
7/29/2021	11.38	-5.5	-5	89.324.632	8.128.058	8.044.052
7/29/2021	11.39	-5.25	-5	88.834.291	80.315.378	8.518.913
7/29/2021	11.40	-5	-4	88.662.627	79.936.724	8.725.903
7/29/2021	11.41	-4.75	-4	88.721.849	7.991.928	8.802.569
7/29/2021	11.42	-4.5	-4	88.764.767	79.963.884	8.800.883
7/29/2021	11.43	-4.25	-4	89.092.087	80.266.782	8.825.305
7/29/2021	11.44	-4	-3	88.973.372	80.084.206	8.889.166
7/29/2021	11.45	-3.75	-3	8.893.246	79.987.152	8.945.308
7/29/2021	11.46	-3.5	-3	88.927.346	7.998.135	8.945.996
7/29/2021	11.47	-3.25	-2	88.986.666	80.017.245	8.969.421
7/29/2021	11.48	-3	-1	88.883.355	798.049	9.078.455
7/29/2021	11.49	-2.75	-1	88.631.985	79.653.814	8.978.171
7/29/2021	11.50	-2.5	-1	88.679.988	79.595.724	9.084.264
7/29/2021	11.51	-2.25	-1	88.586.022	79.283.475	9.302.547
7/29/2021	11.52	-2	0	88.574.816	795.696	9.005.216
7/29/2021	11.53	-1.75	-1	88.661.586	79.483.518	9.178.068
7/29/2021	11.54	-1.5	-1	8.839.012	79.537.692	8.852.428
7/29/2021	11.55	-1.25	-1	884.391	79.679.952	8.759.148
7/29/2021	11.56	-1	1	88.442.155	79.873.713	8.568.442
7/29/2021	11.57	-0.75	0	88.435.006	799.765	8.458.506
7/29/2021	11.58	-0.5	1	8.856.154	80.004.628	8.556.912
7/29/2021	11.59	-0.25	1	88.655.478	80.239.586	8.415.892
1	12.00	0	2	88.611.557	80.183.218	8.428.339
1	12.01	00.25	2	883.677	79.868.866	8.498.834
1	12.02	00.05	2	88.291.255	79.915.386	8.375.869
1	12.03	0,052083	2	88.295.331	79.965.806	8.329.525



7/29/2021	12.04	1	2	87.968.452	79.827.168	8.141.284
7/29/2021	12.05	01.25	2	88.043.746	79.801.995	8.241.751
7/29/2021	12.06	01.05	2	88.404.418	80.289.137	8.115.281
7/29/2021	12.07	0,09375	2	88.717.785	8.070.468	8.013.105
7/29/2021	12.08	2	3	88.879.279	8.114.962	7.729.659
7/29/2021	12.09	02.25	3	89.038.864	81.784.008	7.254.856
7/29/2021	12.10	02.05	3	88.998.934	81.934.152	7.064.782
7/29/2021	12.11	0,135417	3	52.621.184	44.478.249	8.142.935
7/29/2021	12.12	3	4	3.397.948	21.156.602	12.822.878
7/29/2021	12.13	03.25	4	82.344.052	69.293.504	13.050.548
7/29/2021	12.14	03.05	4	8.856.357	80.497.248	8.066.322
7/29/2021	12.15	0,177083	4	88.267.816	80.265.821	8.001.995
7/29/2021	12.16	4	5	88.548.259	8.101.776	7.530.499
7/29/2021	12.17	04.25	5	88.662.627	81.314.824	7.347.803
7/29/2021	12.18	04.05	5	8.812.317	8.029.692	782.625
7/29/2021	12.19	0,21875	5	87.729.567	79.509.632	8.219.935
7/29/2021	12.20	5	6	86.918.692	7.848.487	8.433.822
7/29/2021	12.21	05.25	6	27.896.505	5.597.212	22.299.293
7/29/2021	12.22	05.05	6	72.635	4.680.968	2.582.532
7/29/2021	12.23	0,260417	6	8.492.796	5.351.816	314.098
7/29/2021	12.24	6	7	1.005.168	65.048	354.688
7/29/2021	12.25	06.25	7	2.684.448	19.839.225	7.005.255
7/29/2021	12.26	06.05	7	86.512.665	74.134.382	12.378.283
7/29/2021	12.27	0,302083	7	9.045.996	84.771.154	5.688.806
7/29/2021	12.28	7	8	9.020.225	81.192.618	9.009.632
7/29/2021	12.29	07.25	8	85.855.136	7.490.028	10.954.856
7/29/2021	12.30	07.05	8	79.533.802	6.821.517	11.318.632
7/29/2021	12.31	0,34375	8	87.079.566	783.744	8.705.166
7/29/2021	12.32	8	9	90.266.124	84.066.576	6.199.548
7/29/2021	12.33	08.25	9	72.668.937	629.047	9.764.237
7/29/2021	12.34	08.05	9	56.477.056	46.999.238	9.477.818
7/29/2021	12.35	0,385417	9	49.281.615	40.530.605	875.101
7/29/2021	12.36	9	10	37.864.939	30.759.808	7.105.131
7/29/2021	12.37	09.25	10	38.996.562	31.904.803	7.091.759
7/29/2021	12.38	09.05	10	38.075.472	309.339	7.141.572
7/29/2021	12.39	0,427083	10	36.675.712	30.411.873	6.263.839
7/29/2021	12.40	10	11	43.199.244	35.105.238	8.094.006
7/29/2021	12.41	10.25	11	7.650.838	65.377.716	11.130.664
7/29/2021	12.42	10.05	11	84.318.368	719.164	12.401.968
7/29/2021	12.43	0,46875	11	7.729.308	66.288.576	11.004.504
7/29/2021	12.44	11	10	41.524.784	3.525.578	6.269.004
7/29/2021	12.45	11.25	11	27.846.672	23.397.667	4.449.005
1	12.46	11.05	11	248.346	21.086.315	3.748.285
1	12.47	0,510417	11	20.702.565	175.471	3.155.465
1	12.48	12	13	16.366.788	1.371.101	2.655.778
1	12.49	12.25	13	14.089.929	11.748.134	2.341.795



7/29/2021	12.50	12.05	13	1.249.346	10.478.748	2.014.712
7/29/2021	12.51	0,552083	13	11.221.411	9.278.289	1.943.122
7/29/2021	12.52	13	14	10.695.069	8.924.244	1.770.825
7/29/2021	12.53	13.25	14	9.959.382	815.269	1.806.692
7/29/2021	12.54	13.05	14	9.316.656	74.045	1.912.156
7/29/2021	12.55	0,59375	14	9.400.272	72.957	2.104.572
7/29/2021	12.56	14	15	9.529.075	7.334.128	2.194.947
7/29/2021	12.57	14.25	15	10.351.677	8.027.424	2.324.253
7/29/2021	12.58	14.05	15	11.266.886	8.753.983	2.512.903
7/29/2021	12.59	0,635417	15	13.719.034	10.665.668	3.053.366
7/29/2021	13.00	15	16	17.714.246	1.360.359	4.110.656
7/29/2021	13.01	15.25	16	28.215.921	2.100.322	7.212.701
7/29/2021	13.02	15.05	16	405.306	30.213.624	10.316.976
7/29/2021	13.03	0,677083	16	8.033.094	5.906.056	2.127.038
7/29/2021	13.04	16	18	9.293.187	86.389.628	6.542.242
7/29/2021	13.05	16.25	18	93.090.876	87.374.353	5.716.523
7/29/2021	13.06	16.05	18	71.479.221	5.935.517	12.124.051
7/29/2021	13.07	0,71875	18	8.955.441	80.960.166	8.594.244
7/29/2021	13.08	17	18	90.960.975	85.170.085	579.089
7/29/2021	13.09	17.25	18	90.411.475	84.342.258	6.069.217
7/29/2021	13.10	17.05	18	90.311.478	84.374.134	5.937.344
7/29/2021	13.11	0,760417	18	89.526.695	83.038.446	6.488.249
7/29/2021	13.12	18	19	89.981.928	83.999.958	598.197
7/29/2021	13.13	18.25	19	8.981.327	83.545.278	6.267.992
7/29/2021	13.14	18.05	19	89.493.856	83.176.882	6.316.974
7/29/2021	13.15	0,802083	19	89.341.054	82.867.545	6.473.509
7/29/2021	13.16	19	21	89.496.948	8.269.582	6.801.128
7/29/2021	13.17	19.25	21	89.625.248	8.313.336	6.491.888
7/29/2021	13.18	19.05	21	89.660.176	83.309.476	63.507
7/29/2021	13.19	0,84375	20	901.456	8.397.312	617.248
7/29/2021	13.20	20	21	90.374.368	8.434.526	6.029.108
7/29/2021	13.21	20.25	21	9.079.037	84.743.186	6.047.184
7/29/2021	13.22	20.05	21	90.698.421	84.837.076	5.861.345
7/29/2021	13.23	0,885417	22	90.543.532	84.387.105	6.156.427
7/29/2021	13.24	21	23	9.070.773	84.568.539	6.139.191
7/29/2021	13.25	21.25	22	89.792.706	81.801.652	7.991.054
7/29/2021	13.26	21.05	23	90.279.515	83.186.774	7.092.741
7/29/2021	13.27	0,927083	23	90.014.856	830.424	6.972.456
7/29/2021	13.28	22	23	89.541.081	82.222.074	7.319.007
7/29/2021	13.29	22.25	23	88.976.426	8.131.092	7.665.506
7/29/2021	13.30	22.05	23	87.431.136	76.862.672	10.568.464
7/29/2021	13.31	0,96875	23	87.859.655	7.712.916	10.730.495
1	13.32	23	24	89.926.372	82.413.968	7.512.404
1	13.33	23.25	24	90.963.061	84.869.048	6.094.013
1	13.34	23.05	24	910.179	85.090.005	5.927.895
1	13.35	1,010417	24	90.702.565	84.846.048	5.856.517



7/29/2021	13.36	24	25	90.735.624	84.946.986	5.788.638
7/29/2021	13.37	24.25.00	25	90.073.515	83.228.328	6.845.187
7/29/2021	13.38	24.05.00	25	9.047.028	83.639.472	6.830.808
7/29/2021	13.39	24.75	25	90.125	82.806.336	7.318.664
7/29/2021	13.40	25	26	8.939.744	81.176.004	8.221.436
7/29/2021	13.41	25.25.00	26	88.344.256	7.809.137	10.252.886
7/29/2021	13.42	25.05.00	26	87.612.758	76.493.202	11.119.556
7/29/2021	13.43	25.75	26	8.682.468	7.432.315	1.250.153
7/29/2021	13.44	26	27	7.509.753	5.915.979	1.593.774
7/29/2021	13.45	26.25.00	27	85.994.883	73.491.392	12.503.491
7/29/2021	13.46	26.05.00	27	59.062.223	47.042.352	12.019.871
7/29/2021	13.47	26.75	27	50.576.054	37.577.148	12.998.906
7/29/2021	13.48	27	29	25.674.564	19.314.672	6.359.892
7/29/2021	13.49	27.25.00	28	1.752.667	13.594.392	3.932.278
7/29/2021	13.50	27.05.00	28	16.629.352	13.054.377	3.574.975
7/29/2021	13.51	27.75	28	19.223.752	1.439.322	4.830.532
7/29/2021	13.52	28	29	45.792.789	32.775.743	13.017.046
7/29/2021	13.53	28.25.00	29	41.624.791	30.326.394	11.298.397
7/29/2021	13.54	28.05.00	29	25.067.595	18.407.964	6.659.631
7/29/2021	13.55	28.75	29	208.098	15.375.232	5.434.568
7/29/2021	13.56	29	30	21.109.209	15.622.877	5.486.332
7/29/2021	13.57	29.25.00	30	25.418.528	1.857.541	6.843.118
7/29/2021	13.58	29.05.00	30	28.570.214	20.360.504	820.971
7/29/2021	13.59	29.75	30	32.239.584	21.989.814	1.024.977
7/29/2021	14.00	30	31	4.623.939	3.182.706	1.441.233
7/29/2021	14.01	30.25.00	31	38.610.752	28.023.242	1.058.751
7/29/2021	14.02	30.05.00	31	88.848.601	71.208.032	17.640.569
7/29/2021	14.03	30.75	31	9.115.245	79.176.312	11.976.138
7/29/2021	14.04	31	32	6.849.944	47.510.712	20.988.728
7/29/2021	14.05	31.25.00	32	45.848.592	30.224.359	15.624.233
7/29/2021	14.06	31.05.00	32	33.786.288	23.550.594	10.235.694
7/29/2021	14.07	31.75	32	3.655.888	2.580.333	1.075.555
7/29/2021	14.08	32	33	37.515.346	27.742.035	9.773.311
7/29/2021	14.09	32.25.00	33	24.909.255	1.947.614	5.433.115
7/29/2021	14.10	32.05.00	32	17.759.457	15.297.498	2.461.959
7/29/2021	14.11	32.75	33	15.322.536	13.807.584	1.514.952
7/29/2021	14.12	33	34	13.713.016	12.454	1.259.016
7/29/2021	14.13	33.25.00	34	1.346.553	11.932.128	1.533.402
7/29/2021	14.14	33.05.00	34	13.925.514	12.004.176	1.921.338
7/29/2021	14.15	33.75	34	13.624.809	1.145.407	2.170.739
7/29/2021	14.16	34	35	14.567.829	1.197.826	2.589.569
7/29/2021	14.17	34.25.00	35	17.079.084	13.839.444	323.964
1	14.18	34.05.00	35	10.500.534	935.244	1.148.094
1	14.19	34.75	35	9.915.272	904.976	0.865512
1	14.20	35	36	9.713.439	8.809.574	0.903865
1	14.21	35.25.00	36	9.602.538	8.524.752	1.077.786



7/29/2021	14.22	35.05.00	36	8.988.188	7.875.738	111.245
7/29/2021	14.23	35.75	36	8.372.184	7.262.631	1.109.553
7/29/2021	14.24	36	37	7.786.176	680.134	0.984836
7/29/2021	14.25	36.25.00	37	7.830.445	7.049.938	0.780507
7/29/2021	14.26	36.05.00	37	8.381.904	7.797.705	0.584199
7/29/2021	14.27	36.75	37	940.992	8.918.742	0.491178
7/29/2021	14.28	37	38	11.001.234	10.329.353	0.671881
7/29/2021	14.29	37.25.00	38	13.103.808	11.883.102	1.220.706
7/29/2021	14.30	37.05.00	38	16.551.168	14.109.074	2.442.094
7/29/2021	14.31	37.75	38	17.077.314	1.435.786	2.719.454
7/29/2021	14.32	38	39	1.682.811	14.580.243	2.247.867
7/29/2021	14.33	38.25.00	39	19.494.342	1.658.826	2.906.082
7/29/2021	14.34	38.05.00	39	2.644.362	21.298.027	5.145.593
7/29/2021	14.35	38.75	39	45.330.816	2.977.168	15.559.136
7/29/2021	14.36	39	40	19.042.022	1.620.919	2.832.832
7/29/2021	14.37	39.25.00	40	15.933.096	13.501.776	243.132
7/29/2021	14.38	39.05.00	40	14.832.309	12.594.866	2.237.443
7/29/2021	14.39	39.75	40	15.258.474	12.932	2.326.474
7/29/2021	14.40	40	41	47.025.998	29.681.196	17.344.802
7/29/2021	14.41	40.25.00	41	43.684.652	2.770.718	15.977.472
7/29/2021	14.42	40.05.00	41	40.476.066	26.417.973	14.058.093
7/29/2021	14.43	40.75	41	8.630.496	5.779.125	2.851.371
7/29/2021	14.44	41	42	93.063.672	74.331.561	18.732.111
7/29/2021	14.45	41.25.00	42	92.134.724	7.555.316	16.581.564
7/29/2021	14.46	41.05.00	42	90.136.332	70.313.893	19.822.439
7/29/2021	14.47	41.75	42	91.333.775	65.281.281	26.052.494
7/29/2021	14.48	42	43	9.178.734	76.406.897	15.380.443
7/29/2021	14.49	42.25.00	43	91.187.678	75.635.208	1.555.247
7/29/2021	14.50	42.05.00	44	90.629.234	74.676.096	15.953.138
7/29/2021	14.51	42.75	43	89.954.148	6.829.044	21.663.708
7/29/2021	14.52	43	44	89.536.953	67.566.328	21.970.625
7/29/2021	14.53	43.25.00	44	88.987.704	64.141.767	24.845.937
7/29/2021	14.54	43.05.00	44	88.309.584	61.503.468	26.806.116
7/29/2021	14.55	43.75	44	88.619.736	60.860.392	27.759.344
7/29/2021	14.56	44	45	8.819.344	58.423.775	29.769.665
7/29/2021	14.57	44.25.00	45	87.760.041	56.166.105	31.593.936
7/29/2021	14.58	44.05.00	46	86.333.187	5.127.577	35.057.417
7/29/2021	14.59	44.75	45	80.518.653	42.888.978	37.629.675
7/29/2021	15.00	45	45	85.938.576	47.979.874	37.958.702
7/29/2021	15.01	45.25.00	45	8.538.744	45.785.451	39.601.989
7/29/2021	15.02	45.05.00	45	85.669.311	46.060.353	39.608.958
7/29/2021	15.03	45.75	46	8.625.962	477.525	3.850.712
1	15.04	46	45	86.607.515	48.436.248	38.171.267
1	15.05	46.25.00	45	86.442.063	47.438.958	39.003.105
1	15.06	46.05.00	45	85.723.533	45.638.784	40.084.749
1	15.07	46.75	45	85.648.218	4.540.972	40.238.498



7/29/2021	15.08	47	45	8.577.675	45.760.493	40.016.257
7/29/2021	15.09	47.25.00	45	85.224.147	44.802.909	40.421.238
7/29/2021	15.10	47.05.00	45	8.527.521	43.935.928	41.339.282
7/29/2021	15.11	47.75	45	84.330.314	41.658.399	42.671.915
7/29/2021	15.12	48	45	83.094.788	39.960.864	43.133.924
7/29/2021	15.13	48.25.00	45	7.009.849	33.813.381	36.285.109
7/29/2021	15.14	48.05.00	45	51.045.375	24.547.354	26.498.021
7/29/2021	15.15	48.75	45	7.236.228	3.411.237	3.824.991
7/29/2021	15.16	49	45	70.307.532	31.784.852	3.852.268
7/29/2021	15.17	49.25.00	45	81.046.082	36.158.605	44.887.477
7/29/2021	15.18	49.05.00	45	80.841.152	35.018.528	45.822.624
7/29/2021	15.19	49.75	45	81.941.028	35.083.386	46.857.642
7/29/2021	15.20	50	45	8.272.047	35.046.132	47.674.338
7/29/2021	15.21	50.25.00	45	83.890.638	35.257.066	48.633.572
7/29/2021	15.22	50.05.00	46	84.172.998	34.955.637	49.217.361
7/29/2021	15.23	50.75	45	82.246.659	3.347.554	48.771.119
7/29/2021	15.24	51	45	80.157	320.201	481.369
7/29/2021	15.25	51.25.00	45	78.424.335	3.106.372	47.360.615
7/29/2021	15.26	51.05.00	45	77.762.014	31.104.864	4.665.715
7/29/2021	15.27	51.75	45	81.113.472	33.454.218	47.659.254
7/29/2021	15.28	52	45	76.254.336	31.399.543	44.854.793
7/29/2021	15.29	52.25.00	45	59.078.044	2.425.428	34.823.764
7/29/2021	15.30	52.05.00	45	40.119.422	17.141.006	22.978.416
7/29/2021	15.31	52.75	46	29.641.032	13.238.425	16.402.607
7/29/2021	15.32	53	45	33.454.218	14.683.148	1.877.107
7/29/2021	15.33	53.25.00	46	41.204.597	17.602.106	23.602.491
7/29/2021	15.34	53.05.00	45	55.233.561	22.627.627	32.605.934
7/29/2021	15.35	53.75	45	48.238.694	19.787.077	28.451.617
7/29/2021	15.36	54	45	5.490.597	21.191.518	33.714.452
7/29/2021	15.37	54.25.00	45	52.474.916	20.009.648	32.465.268
7/29/2021	15.38	54.05.00	45	46.848.396	17.621.226	2.922.717
7/29/2021	15.39	54.75	45	17.982.778	7.963.032	10.019.746
7/29/2021	15.40	55	45	19.627.205	8.494.378	11.132.827
7/29/2021	15.41	55.25.00	45	19.039.653	7.828.326	11.211.327
7/29/2021	15.42	55.05.00	45	15.885.072	6.872.217	9.012.855
7/29/2021	15.43	55.75	45	13.080.654	6.051.276	7.029.378
7/29/2021	15.44	56	45	13.573.609	66.752	6.898.409
7/29/2021	15.45	56.25.00	45	15.442.076	7.485.885	7.956.191
7/29/2021	15.46	56.05.00	46	16.075.425	7.477.286	8.598.139
7/29/2021	15.47	56.75	45	1.605.585	7.442.603	8.613.247
7/29/2021	15.48	57	45	1.636.592	7.599.978	8.765.942
7/29/2021	15.49	57.25.00	45	29.121.888	11.509.556	17.612.332
1	15.50	57.05.00	45	67.877.856	24.435.702	43.442.154
1	15.51	57.75	45	49.857.409	1.903.447	30.822.939
1	15.52	58	45	362.082	1.438.542	2.182.278
1	15.53	58.25.00	45	22.924.752	983.721	13.087.542



7/29/2021	15.54	58.05.00	45	1.986.774	829.296	1.157.478
7/29/2021	15.55	58.75	45	16.049.778	6.942.936	9.106.842
7/29/2021	15.56	59	45	33.875.866	1.234.135	21.534.516
7/29/2021	15.57	59.25.00	45	2.101.316	8.712.642	12.300.518
7/29/2021	15.58	59.05.00	45	13.961.552	625.739	7.704.162
7/29/2021	15.59	59.75	45	13.879.803	6.220.004	7.659.799
7/29/2021	16.00	60	45	12.245.896	5.791.317	6.454.579
7/29/2021	16.01	60.25.00	46	1.147.242	5.670.072	5.802.348
7/29/2021	16.02	60.05.00	45	23.597.472	9.454.885	14.142.587
7/29/2021	16.03	60.75	45	64.451.376	2.120.802	43.243.356
7/29/2021	16.04	61	45	72.487.805	23.532.712	48.955.093
7/29/2021	16.05	61.25.00	45	70.964.772	22.852.109	48.112.663
7/29/2021	16.06	61.05.00	45	48.073.851	16.620.516	31.453.335
7/29/2021	16.07	61.75	45	23.165.828	998.712	13.178.708
7/29/2021	16.08	62	45	217.838	9.687.432	12.096.368
7/29/2021	16.09	62.25.00	45	25.066.504	1.010.505	14.961.454
7/29/2021	16.10	62.05.00	45	54.991.984	17.186.858	37.805.126
7/29/2021	16.11	62.75	45	7.324.704	2.180.101	5.144.603
7/29/2021	16.12	63	45	7.264.488	21.243.999	51.400.881
7/29/2021	16.13	63.25.00	45	68.916.616	19.602.229	49.314.387
7/29/2021	16.14	63.05.00	45	62.558.489	17.690.064	44.868.425
7/29/2021	16.15	63.75	45	57.677.508	16.521.602	41.155.906
7/29/2021	16.16	64	45	58.750.034	16.551.618	42.198.416
7/29/2021	16.17	64.25.00	45	62.186.707	17.048.177	4.513.853
7/29/2021	16.18	64.05.00	45	60.884.913	1.634.397	44.540.943
7/29/2021	16.19	64.75	45	57.060.552	14.759.715	42.300.837
7/29/2021	16.20	65	45	54.391.176	13.713.831	40.677.345
7/29/2021	16.21	65.25.00	45	5.556.212	13.709.004	41.853.116
7/29/2021	16.22	65.05.00	45	5.742.492	1.407.813	4.334.679
7/29/2021	16.23	65.75	45	59.796.373	14.678.159	45.118.214
7/29/2021	16.24	66	45	58.819.068	14.736.396	44.082.672
7/29/2021	16.25	66.25.00	45	54.623.424	14.028.928	40.594.496
7/29/2021	16.26	66.05.00	45	52.669.975	13.487.832	39.182.143
7/29/2021	16.27	66.75	45	46.965.776	12.114.157	34.851.619
7/29/2021	16.28	67	45	27.932.036	820.232	19.729.716
7/29/2021	16.29	67.25.00	45	889.219	3.592.026	5.300.164
7/29/2021	16.30	67.05.00	45	7.717.026	3.146.496	457.053
7/29/2021	16.31	67.75	45	757.218	3.111.207	4.460.973
7/29/2021	16.32	68	45	2.284.639	6.443.808	16.402.582
7/29/2021	16.33	68.25.00	45	44.274.468	10.869.964	33.404.504
7/29/2021	16.34	68.05.00	45	4.240.236	1.053.921	3.186.315
7/29/2021	16.35	68.75	45	28.028.988	7.418.664	20.610.324
1	16.36	69	45	22.534.334	619.406	16.340.274
1	16.37	69.25.00	45	6.818.308	2.891.392	3.926.916
1	16.38	69.05.00	45	4.838.555	2.396.184	2.442.371
1	16.39	69.75	45	6.109.307	2.690.114	3.419.193



7/29/2021	16.40	70	45	11.389.544	3.811.341	7.578.203
7/29/2021	16.41	70.25.00	45	7.550.424	297.966	4.570.764
7/29/2021	16.42	70.05.00	45	1.317.576	3.978.514	9.197.246
7/29/2021	16.43	70.75	46	10.043.428	3.390.387	6.653.041
7/29/2021	16.44	71	45	1.002.177	335.016	667.161
7/29/2021	16.45	71.25.00	45	6.658.674	2.721.864	393.681
7/29/2021	16.46	71.05.00	45	4.038.656	2.103.472	1.935.184
7/29/2021	16.47	71.75	45	195.396	147.642	0.47754
7/29/2021	16.48	72	45	1.657.176	1.316.875	0.340301
7/29/2021	16.49	72.25.00	45	1.542.786	1.254.165	0.288621
7/29/2021	16.50	72.05.00	46	1.557.366	1.305.834	0.251532
7/29/2021	16.51	72.75	46	1.609.356	134.127	0.268086
7/29/2021	16.52	73	45	1.519.815	1.206.162	0.313653
7/29/2021	16.53	73.25.00	45	1.164.608	0.924336	0.240272
7/29/2021	16.54	73.05.00	45	0.785081	0.604617	0.180464
7/29/2021	16.55	73.75	45	0.564165	0.437621	0.126544
7/29/2021	16.56	74	45	0.435744	0.353878	0.081866
7/29/2021	16.57	74.25.00	45	0.352779	0.304722	0.048057
7/29/2021	16.58	74.05.00	45	0.318288	0.294465	0.023823
7/29/2021	16.59	74.75	45	0.314874	0.301576	0.013298
7/29/2021	17.00	75	45	0.311966	0.309248	0.002718
7/29/2021	17.01	75.25.00	45	0.321978	0.31312	0.008858
7/29/2021	17.02	75.05.00	45	0.323832	0.312208	0.011624
7/29/2021	17.03	75.75	45	0.322905	0.299552	0.023353
7/29/2021	17.04	76	45	0.318888	0.27816	0.040728
7/29/2021	17.05	76.25.00	45	0.291535	0.247632	0.043903
7/29/2021	17.06	76.05.00	45	0.275233	0.214389	0.060844
7/29/2021	17.07	76.75	45	0.237372	0,1305555556	0.049372
7/29/2021	17.08	77	45	0.224553	0.159624	0.064929
7/29/2021	17.09	77.25.00	45	0.185496	0.14241	0.043086
7/29/2021	17.10	77.05.00	45	0.16346	0.137634	0.025826
7/29/2021	17.11	77.75	45	0.160527	0.126633	0.033894
7/29/2021	17.12	78	45	0.147798	0.121737	0.026061
7/29/2021	17.13	78.25.00	45	0,9868055556	0.125324	0.016776
7/29/2021	17.14	78.05.00	45	0.141316	0.122304	0.019012
7/29/2021	17.15	78.75	46	0.131124	0.11781	0.013314
7/29/2021	17.16	79	45	0.12909	0.113125	0.015965
7/29/2021	17.17	79.25.00	45	0.120771	0.11316	0.007611
7/29/2021	17.18	79.05.00	45	0.10605	0.103627	0.002423
7/29/2021	17.19	79.75	45	0.103899	0.094856	0.009043
7/29/2021	17.20	80	45	0.093555	0.086742	0.006813
7/29/2021	17.21	80.25.00	45	0.090558	0.082318	0.00824
1	17.22	80.05.00	45	0.083108	0.072076	0.011032
1	17.23	80.75	45	0.07056	0.05746	0,090972222
1	17.24	81	45	0.06524	0.046115	0.019125
1	17.25	81.25.00	45	0.049368	0,24375	0.014268



7/29/2021	17.26	81.05.00	45	0.04218	0.030225	0.011955
7/29/2021	17.27	81.75	45	0.030832	0.023436	0.007396
7/29/2021	17.28	82	46	0.027755	0.01736	0.010395
7/29/2021	17.29	82.25.00	45	0.025608	0.015504	0.010104
7/29/2021	17.30	82.05.00	45	0.02106	0.011424	0.009636
7/29/2021	17.31	82.75	45	0.017537	0.008957	0.00858
7/29/2021	17.32	83	45	0.014256	0.006525	0.007731
7/29/2021	17.33	83.25.00	45	0.01007	0.00475	0.00532
7/29/2021	17.34	83.05.00	46	0.009911	0.003762	0.006149
7/29/2021	17.35	83.75	45	0.009558	0.00224	0.007318
7/29/2021	17.36	84	45	0.008788	0.001386	0.007402
7/29/2021	17.37	84.25.00	45	0.007152	0.001007	0.006145
7/29/2021	17.38	84.05.00	45	0.004158	0.000539	0.003619
7/29/2021	17.39	84.75	45	0.00333	0.00052	0.00281
7/29/2021	17.40	85	45	0.003161	0.000279	0.002882
7/29/2021	17.41	85.25.00	45	0.002782	0.00029	0.002492
7/29/2021	17.42	85.05.00	45	0.003103	0.000231	0.002872
7/29/2021	17.43	85.75	45	0.003456	0.00022	0.003236
7/29/2021	17.44	86	46	0.002943	0.00015	0.002793
7/29/2021	17.45	86.25.00	45	0.003267	0.00013	0.003137
7/29/2021	17.46	86.05.00	45	0.003535	0.000308	0.003227
7/29/2021	17.47	86.75	45	0.002288	0.000288	0.002
7/29/2021	17.48	87	45	0.002296	0.01407	-0.011774
7/29/2021	17.49	87.25.00	45	0.00336	0.00009	0.00327
7/29/2021	17.50	87.05.00	45	0.003328	0.00009	0.003238
7/29/2021	17.51	87.75	45	0.002552	0.000052	0.0025
7/29/2021	17.52	88	45	0.00093	0.00003	0.0009
7/29/2021	17.53	88.25.00	45	0.000896	0.000012	0.000884
7/29/2021	17.54	88.05.00	45	0.00051	0.000002	0.000508
7/29/2021	17.55	88.75	45	0.00063	0.000002	0.000628
7/29/2021	17.56	89	45	0.00069	0.000002	0.000688
7/29/2021	17.57	89.25.00	45	0.000644	0.000002	0.000642
7/29/2021	17.58	89.05.00	46	0.000624	0.00006	0.000564
7/29/2021	17.59	89.75	45	0.000222	0.00003	0.000192
7/29/2021	18.00	90	45	0.000155	0	0.000155
8/25/2021	06.00	-90	-44	0.000027	0	0.000027
8/25/2021	06.01	-89.75	-44	0.00003	0.000012	0.000018
8/25/2021	06.02	-89.5	-44	0.00009	0.00006	0.00003
8/25/2021	06.03	-89.25	-44	0.00042	0.000176	0.000244
8/25/2021	06.04	-89	-44	0.000552	0.000546	6.00E-06
8/25/2021	06.05	-88.75	-44	0.0024	0.001235	0.001165
8/25/2021	06.06	-88.5	-44	0.005977	0.002106	0.003871
1	06.07	-88.25	-44	0.007912	0.003008	0.004904
1	06.08	-88	-44	0.012449	0.003488	0.008961
1	06.09	-87.75	-44	0.018924	0.005421	0.013503
1	06.10	-87.5	-44	0.02806	0.008211	0.019849



8/25/2021	06.11	-87.25	-44	0.033222	0.010089	0.023133
8/25/2021	06.12	-87	-44	0.041328	0.010494	0.030834
8/25/2021	06.13	-86.75	-44	0.04848	0.015096	0.033384
8/25/2021	06.14	-86.5	-44	0.05642	0.020066	0.036354
8/25/2021	06.15	-86.25	-44	0.063114	0.02176	0.041354
8/25/2021	06.16	-86	-44	0.07748	0.024108	0.053372
8/25/2021	06.17	-85.75	-44	0.09324	0.029165	0.064075
8/25/2021	06.18	-85.5	-44	0.110292	0.036782	0.07351
8/25/2021	06.19	-85.25	-44	0.130144	0.042895	0.087249
8/25/2021	06.20	-85	-44	1,16875	0.046767	0.121533
8/25/2021	06.21	-84.75	-44	0.219392	0.05577	0.163622
8/25/2021	06.22	-84.5	-44	0.278278	0.062578	1,497916667
8/25/2021	06.23	-84.25	-44	0.360145	0.067971	0.292174
8/25/2021	06.24	-84	-44	0.46657	0.08533	0.38124
8/25/2021	06.25	-83.75	-44	0.553781	0.090804	0.462977
8/25/2021	06.26	-83.5	-44	0.765036	0.110591	0.654445
8/25/2021	06.27	-83.25	-44	0.936912	0.131076	0.805836
8/25/2021	06.28	-83	-44	1.512.486	0.152764	1.359.722
8/25/2021	06.29	-82.75	-44	3.185.103	0.19848	2.986.623
8/25/2021	06.30	-82.5	-44	6.154.968	0.264213	5.890.755
8/25/2021	06.31	-82.25	-44	847.038	0.322784	8.147.596
8/25/2021	06.32	-82	-44	9.683.037	0.35581	9.327.227
8/25/2021	06.33	-81.75	-44	11.821.488	0.42316	11.398.328
8/25/2021	06.34	-81.5	-44	13.924.309	0.469686	13.454.623
8/25/2021	06.35	-81.25	-44	14.431.938	0.519153	13.912.785
8/25/2021	06.36	-81	-44	14.262.272	0.53332	13.728.952
8/25/2021	06.37	-80.75	-44	12.847.116	0.53064	12.316.476
8/25/2021	06.38	-80.5	-45	11.255.238	0.52528	10.729.958
8/25/2021	06.39	-80.25	-44	11.027.523	0.542076	10.485.447
8/25/2021	06.40	-80	-44	1.132.595	0.58092	1.074.503
8/25/2021	06.41	-79.75	-44	8.482.683	0.534362	7.948.321
8/25/2021	06.42	-79.5	-45	7.888.526	0.545259	7.343.267
8/25/2021	06.43	-79.25	-44	10.513.172	0.642139	9.871.033
8/25/2021	06.44	-79	-45	14.354.992	0.780372	1.357.462
8/25/2021	06.45	-78.75	-44	15.529.579	0.855286	14.674.293
8/25/2021	06.46	-78.5	-45	14.974.677	0.885052	14.089.625
8/25/2021	06.47	-78.25	-45	15.570.198	0.94817	14.622.028
8/25/2021	06.48	-78	-45	166.152	1.013.376	15.601.824
8/25/2021	06.49	-77.75	-45	17.989.218	1.105.456	16.883.762
8/25/2021	06.50	-77.5	-45	18.482.944	11.455	17.337.444
8/25/2021	06.51	-77.25	-44	17.991.974	1.184.955	16.807.019
8/25/2021	06.52	-77	-45	17.203.944	119.394	16.010.004
1	06.53	-76.75	-44	16.744.574	1.196.184	1.554.839
1	06.54	-76.5	-45	1.337.216	1.086.154	12.286.006
1	06.55	-76.25	-45	8.826.966	0.870519	7.956.447
1	06.56	-76	-44	823.839	0.872236	7.366.154



8/25/2021	06.57	-75.75	-45	9.576.664	0.985161	8.591.503
8/25/2021	06.58	-75.5	-45	10.306.359	1.027.179	927.918
8/25/2021	06.59	-75.25	-44	816.323	0.94248	722.075
8/25/2021	07.00	-75	-44	5.261.858	0.750204	4.511.654
8/25/2021	07.01	-74.75	-44	3.588.748	0.645012	2.943.736
8/25/2021	07.02	-74.5	-45	2.553.656	0.560686	199.297
8/25/2021	07.03	-74.25	-45	2.180.948	0.534362	1.646.586
8/25/2021	07.04	-74	-44	2.412.475	0.576222	1.836.253
8/25/2021	07.05	-73.75	-45	3.245.982	0.679258	2.566.724
8/25/2021	07.06	-73.5	-44	3.495.863	0.725984	2.769.879
8/25/2021	07.07	-73.25	-44	3.292.254	0.716499	2.575.755
8/25/2021	07.08	-73	-44	3.468.528	5,290972222	2.706.628
8/25/2021	07.09	-72.75	-44	451.791	0.882097	3.635.813
8/25/2021	07.10	-72.5	-44	6.780.987	1.141.884	5.639.103
8/25/2021	07.11	-72.25	-45	9.698.238	1.441.314	8.256.924
8/25/2021	07.12	-72	-44	110.034	1.602.771	9.400.629
8/25/2021	07.13	-71.75	-44	11.170.248	1.645.065	9.525.183
8/25/2021	07.14	-71.5	-44	13.591.578	1.903.046	11.688.532
8/25/2021	07.15	-71.25	-44	12.975.335	1.891.248	11.084.087
8/25/2021	07.16	-71	-44	1.340.192	1.989.598	11.412.322
8/25/2021	07.17	-70.75	-44	1.582.504	2.264.548	13.560.492
8/25/2021	07.18	-70.5	-44	19.450.785	2.703.294	16.747.491
8/25/2021	07.19	-70.25	-44	24.018.747	3.222.966	20.795.781
8/25/2021	07.20	-70	-44	26.328.848	353.226	22.796.588
8/25/2021	07.21	-69.75	-44	25.241.675	3.470.544	21.771.131
8/25/2021	07.22	-69.5	-44	29.461.188	3.992.136	25.469.052
8/25/2021	07.23	-69.25	-44	34.394.238	454.676	29.847.478
8/25/2021	07.24	-69	-44	32.391.254	446.367	27.927.584
8/25/2021	07.25	-68.75	-44	3.106.616	4.428.424	26.637.736
8/25/2021	07.26	-68.5	-44	2.538.081	386.232	2.151.849
8/25/2021	07.27	-68.25	-44	21.725.632	3.462.675	18.262.957
8/25/2021	07.28	-68	-44	25.391.208	3.935.778	2.145.543
8/25/2021	07.29	-67.75	-44	3.438.151	5.049.828	29.331.682
8/25/2021	07.30	-67.5	-44	40.420.904	5.852.832	34.568.072
8/25/2021	07.31	-67.25	-44	46.140.624	6.718.425	39.422.199
8/25/2021	07.32	-67	-44	43.101.612	6.446	36.655.612
8/25/2021	07.33	-66.75	-45	32.880.784	5.325	27.555.784
8/25/2021	07.34	-66.5	-44	24.629.108	423.343	20.395.678
8/25/2021	07.35	-66.25	-44	25.975.506	444.238	21.533.126
8/25/2021	07.36	-66	-44	31.375.247	514.113	26.234.117
8/25/2021	07.37	-65.75	-44	45.850.059	7.280.163	38.569.896
8/25/2021	07.38	-65.5	-44	40.909.206	6.746.565	34.162.641
1	07.39	-65.25	-44	4.095.988	684.298	341.169
1	07.40	-65	-44	48.628.184	7.942.544	4.068.564
1	07.41	-64.75	-44	56.326.356	91.676	47.158.756
1	07.42	-64.5	-44	58.432.876	9.703.624	48.729.252



8/25/2021	07.43	-64.25	-44	6.323.201	10.587.864	52.644.146
8/25/2021	07.44	-64	-44	62.934.795	10.672.377	52.262.418
8/25/2021	07.45	-63.75	-44	54.562.508	945.189	45.110.618
8/25/2021	07.46	-63.5	-44	60.766.501	1.048.015	50.286.351
8/25/2021	07.47	-63.25	-44	63.024.331	11.032.557	51.991.774
8/25/2021	07.48	-63	-44	68.813.094	122.398	56.573.294
8/25/2021	07.49	-62.75	-44	7.407.087	13.334.111	60.736.759
8/25/2021	07.50	-62.5	-45	77.988.865	14.340.592	63.648.273
8/25/2021	07.51	-62.25	-44	80.032.752	15.005.342	6.502.741
8/25/2021	07.52	-62	-44	82.514.432	15.815.545	66.698.887
8/25/2021	07.53	-61.75	-44	79.929.924	15.546.252	64.383.672
8/25/2021	07.54	-61.5	-45	8.079.532	15.973.824	64.821.496
8/25/2021	07.55	-61.25	-44	82.808.301	16.755.224	66.053.077
8/25/2021	07.56	-61	-44	8.351.751	17.226.438	66.291.072
8/25/2021	07.57	-60.75	-45	84.998.986	17.926.698	67.072.288
8/25/2021	07.58	-60.5	-44	8.541.549	18.518.412	66.897.078
8/25/2021	07.59	-60.25	-44	85.514.765	18.724.825	6.678.994
8/25/2021	08.00	-60	-44	85.608.072	1.911.642	66.491.652
8/25/2021	08.01	-59.75	-45	86.401.719	19.905.951	66.495.768
8/25/2021	08.02	-59.5	-45	86.932.864	20.679.372	66.253.492
8/25/2021	08.03	-59.25	-45	87.385.488	212.875	66.097.988
8/25/2021	08.04	-59	-45	8.776.208	2.220.295	6.555.913
8/25/2021	08.05	-58.75	-45	88.124.179	2.296.632	65.157.859
8/25/2021	08.06	-58.5	-44	88.116.035	23.455.432	64.660.603
8/25/2021	08.07	-58.25	-44	88.267.816	23.872.788	64.395.028
8/25/2021	08.08	-58	-44	88.208.716	24.244.667	63.964.049
8/25/2021	08.09	-57.75	-45	88.066.144	2.438.319	63.682.954
8/25/2021	08.10	-57.5	-44	88.098.714	246.862	63.412.514
8/25/2021	08.11	-57.25	-45	88.081.416	25.103.988	62.977.428
8/25/2021	08.12	-57	-44	88.157.796	2.585.568	62.302.116
8/25/2021	08.13	-56.75	-45	88.126.213	26.267.643	6.185.857
8/25/2021	08.14	-56.5	-45	88.205.667	26.800.669	61.404.998
8/25/2021	08.15	-56.25	-44	88.191.393	27.361.158	60.830.235
8/25/2021	08.16	-56	-45	88.359.544	2.783.295	60.526.594
8/25/2021	08.17	-55.75	-45	8.857.992	28.381.536	60.198.384
8/25/2021	08.18	-55.5	-44	88.462.551	28.801.434	59.661.117
8/25/2021	08.19	-55.25	-44	88.607.485	29.288.365	5.931.912
8/25/2021	08.20	-55	-45	88.764.768	29.846.299	58.918.469
8/25/2021	08.21	-54.75	-44	88.807.697	30.433.425	58.374.272
8/25/2021	08.22	-54.5	-44	88.758.657	3.081.216	57.946.497
8/25/2021	08.23	-54.25	-45	88.723.911	31.269.605	57.454.306
8/25/2021	08.24	-54	-45	88.854.735	31.806.848	57.047.887
1	08.25	-53.75	-45	88.920.183	32.322.771	56.597.412
1	08.26	-53.5	-45	89.028.632	3.306.639	55.962.242
1	08.27	-53.25	-45	88.790.328	33.160.625	55.629.703
1	08.28	-53	-45	8.850.336	33.279.399	55.223.961



8/25/2021	08.29	-52.75	-45	88.076.318	3.289.447	55.181.848
8/25/2021	08.30	-52.5	-45	88.600.336	34.254.428	54.345.908
8/25/2021	08.31	-52.25	-44	88.884.392	34.958.846	53.925.546
8/25/2021	08.32	-52	-44	88.839.402	35.109.074	53.730.328
8/25/2021	08.33	-51.75	-44	86.949.033	31.132.695	55.816.338
8/25/2021	08.34	-51.5	-44	875.955	32.477.746	55.117.754
8/25/2021	08.35	-51.25	-45	875.945	32.901.297	54.693.203
8/25/2021	08.36	-51	-44	86.515.674	3.074.176	55.773.914
8/25/2021	08.37	-50.75	-45	87.025.913	32.034.816	54.991.097
8/25/2021	08.38	-50.5	-45	84.607.432	2.846.768	56.139.752
8/25/2021	08.39	-50.25	-44	85.591	29.764.581	55.826.419
8/25/2021	08.40	-50	-45	86.780.222	32.220.504	54.559.718
8/25/2021	08.41	-49.75	-44	86.962.194	330.564	53.905.794
8/25/2021	08.42	-49.5	-45	86.526.795	327.683	53.758.495
8/25/2021	08.43	-49.25	-45	75.957.198	24.946.622	51.010.576
8/25/2021	08.44	-49	-44	75.790.934	24.792.479	50.998.455
8/25/2021	08.45	-48.75	-44	811.887	27.772.897	53.415.803
8/25/2021	08.46	-48.5	-45	86.152.872	32.659.116	53.493.756
8/25/2021	08.47	-48.25	-44	86.323.109	33.339.492	52.983.617
8/25/2021	08.48	-48	-44	86.643.872	34.392.972	522.509
8/25/2021	08.49	-47.75	-44	8.579.685	33.512.571	52.284.279
8/25/2021	08.50	-47.5	-44	80.121.072	286.201	51.500.972
8/25/2021	08.51	-47.25	-45	80.394.125	28.944.216	51.449.909
8/25/2021	08.52	-47	-44	77.014.897	27.311.258	49.703.639
8/25/2021	08.53	-46.75	-44	816.438	30.326.394	51.317.406
8/25/2021	08.54	-46.5	-44	79.249.686	2.920.272	50.046.966
8/25/2021	08.55	-46.25	-44	70.055.817	24.674.872	45.380.945
8/25/2021	08.56	-46	-44	6.905.445	23.882.312	45.172.138
8/25/2021	08.57	-45.75	-44	78.738.756	28.708.374	50.030.382
8/25/2021	08.58	-45.5	-44	86.398.694	35.306.024	5.109.267
8/25/2021	08.59	-45.25	-44	8.744.229	38.334.928	49.107.362
8/25/2021	09.00	-45	-44	84.854.057	3.384.053	51.013.527
8/25/2021	09.01	-44.75	-44	83.169.955	32.926.201	50.243.754
8/25/2021	09.02	-44.5	-44	7.696.826	29.298.344	47.669.916
8/25/2021	09.03	-44.25	-44	6.332.952	23.674.986	39.654.534
8/25/2021	09.04	-44	-43	6.047.178	22.190.175	38.281.605
8/25/2021	09.05	-43.75	-43	7.455.336	286.433	4.591.006
8/25/2021	09.06	-43.5	-43	70.917.275	27.054.514	43.862.761
8/25/2021	09.07	-43.25	-43	68.286.836	2.602.806	42.258.776
8/25/2021	09.08	-43	-42	64.719.855	24.689.968	40.029.887
8/25/2021	09.09	-42.75	-42	592.683	2.261.628	3.665.202
8/25/2021	09.10	-42.5	-42	6.255.678	23.962.432	38.594.348
1	09.11	-42.25	-42	64.422.656	248.768	39.545.856
1	09.12	-42	-41	69.013.896	27.125.064	41.888.832
1	09.13	-41.75	-41	66.749.459	26.549.128	40.200.331
1	09.14	-41.5	-41	64.286.025	25.554.343	38.731.682



8/25/2021	09.15	-41.25	-41	74.038.215	30.598.196	43.440.019
8/25/2021	09.16	-41	-40	8.089.576	35.218.416	45.677.344
8/25/2021	09.17	-40.75	-40	8.424.368	38.726.096	45.517.584
8/25/2021	09.18	-40.5	-40	85.524.799	40.518.191	45.006.608
8/25/2021	09.19	-40.25	-40	86.544.952	43.908.608	42.636.344
8/25/2021	09.20	-40	-39	85.066.009	42.112.554	42.953.455
8/25/2021	09.21	-39.75	-39	81.781.065	38.718	43.063.065
8/25/2021	09.22	-39.5	-39	77.454.332	3.559.794	41.856.392
8/25/2021	09.23	-39.25	-39	75.472.104	34.433.035	41.039.069
8/25/2021	09.24	-39	-38	73.382.624	33.143.152	40.239.472
8/25/2021	09.25	-38.75	-38	77.788.794	36.268.264	4.152.053
8/25/2021	09.26	-38.5	-38	77.834.718	37.179.924	40.654.794
8/25/2021	09.27	-38.25	-38	71.825.358	33.144.399	38.680.959
8/25/2021	09.28	-38	-37	6.833.346	31.375.247	36.958.213
8/25/2021	09.29	-37.75	-37	7.009.849	32.669.035	37.429.455
8/25/2021	09.30	-37.5	-37	65.627.886	3.036.046	35.267.426
8/25/2021	09.31	-37.25	-37	71.354.557	33.793.854	37.560.703
8/25/2021	09.32	-37	-36	68.741.142	3.242.337	36.317.772
8/25/2021	09.33	-36.75	-36	56.774.144	26.842.804	2.993.134
8/25/2021	09.34	-36.5	-36	50.133.501	24.055.973	26.077.528
8/25/2021	09.35	-36.25	-36	56.108.406	2.646.036	29.648.046
8/25/2021	09.36	-36	-35	61.847.604	29.728.492	32.119.112
8/25/2021	09.37	-35.75	-35	65.561.132	31.571.184	33.989.948
8/25/2021	09.38	-35.5	-35	66.854.073	3.254.083	34.313.243
8/25/2021	09.39	-35.25	-35	64.440.935	31.746.945	3.269.399
8/25/2021	09.40	-35	-34	63.624.208	31.685.864	31.938.344
8/25/2021	09.41	-34.75	-34	6.481.152	32.568.052	32.243.468
8/25/2021	09.42	-34.5	-34	61.288.457	3.099.546	30.292.997
8/25/2021	09.43	-34.25	-34	56.592.848	28.580.076	28.012.772
8/25/2021	09.44	-34	-33	5.066.636	26.034.703	24.631.657
8/25/2021	09.45	-33.75	-33	49.918.673	24.916.308	25.002.365
8/25/2021	09.46	-33.5	-33	46.956.861	235.922	23.364.661
8/25/2021	09.47	-33.25	-33	48.960.808	24.354.792	24.606.016
8/25/2021	09.48	-33	-32	4.813.552	24.002.793	24.132.727
8/25/2021	09.49	-32.75	-32	50.837.124	25.937.942	24.899.182
8/25/2021	09.50	-32.5	-32	519.897	2.698.459	2.500.511
8/25/2021	09.51	-32.25	-32	53.798.472	2.793.832	25.860.152
8/25/2021	09.52	-32	-31	5.704.416	29.613.285	27.430.875
8/25/2021	09.53	-31.75	-31	59.815.644	31.285.982	28.529.662
8/25/2021	09.54	-31.5	-31	61.672.872	32.636.186	29.036.686
8/25/2021	09.55	-31.25	-31	62.188.425	33.924.501	28.263.924
8/25/2021	09.56	-31	-29	66.436.128	3.683.155	29.604.578
1	09.57	-30.75	-29	644.392	36.200.361	28.238.839
1	09.58	-30.5	-29	6.290.986	35.522.256	27.387.604
1	09.59	-30.25	-29	6.458.641	36.819.033	27.767.377
1	10.00	-30	-29	667.158	38.504.344	28.211.456



8/25/2021	10.01	-29.75	-29	66.957.876	38.867.287	28.090.589
8/25/2021	10.02	-29.5	-29	67.451.376	39.472.811	27.978.565
8/25/2021	10.03	-29.25	-29	68.810.404	40.510.596	28.299.808
8/25/2021	10.04	-29	-27	69.012.095	41.385.805	2.762.629
8/25/2021	10.05	-28.75	-27	72.144.677	4.427.086	27.873.817
8/25/2021	10.06	-28.5	-27	726.495	45.085.768	27.563.732
8/25/2021	10.07	-28.25	-27	72.406.576	45.108.349	27.298.227
8/25/2021	10.08	-28	-27	70.277.501	43.330.514	26.946.987
8/25/2021	10.09	-27.75	-27	71.921	4.469.045	2.723.055
8/25/2021	10.10	-27.5	-27	75.432.532	4.814.682	27.285.712
8/25/2021	10.11	-27.25	-27	74.645.162	48.017.466	26.627.696
8/25/2021	10.12	-27	-26	77.057.728	50.573.745	26.483.983
8/25/2021	10.13	-26.75	-26	80.051.202	539.832	26.068.002
8/25/2021	10.14	-26.5	-26	82.815.198	57.336.184	25.479.014
8/25/2021	10.15	-26.25	-26	83.207.537	58.093.448	25.114.089
8/25/2021	10.16	-26	-25	83.245.152	58.524.949	24.720.203
8/25/2021	10.17	-25.75	-25	84.014.871	59.903.781	2.411.109
8/25/2021	10.18	-25.5	-25	85.684.368	635.922	22.092.168
8/25/2021	10.19	-25.25	-25	848.151	62.191.857	22.623.243
8/25/2021	10.20	-25	-24	8.193.906	58.932.243	23.006.817
8/25/2021	10.21	-24.75	-24	82.902.104	606.144	22.287.704
8/25/2021	10.22	-24.5	-24	7.860.021	5.578.065	2.281.956
8/25/2021	10.23	-24.25	-24	77.970.656	55.091.784	22.878.872
8/25/2021	10.24	-24	-23	79.489.332	57.163.002	2.232.633
8/25/2021	10.25	-23.75	-23	7.978.746	5.793.564	2.185.182
8/25/2021	10.26	-23.5	-23	82.644.543	61.877.464	20.767.079
8/25/2021	10.27	-23.25	-23	81.920.391	6.074.112	21.179.271
8/25/2021	10.28	-23	-22	81.722.205	60.883.239	20.838.966
8/25/2021	10.29	-22.75	-22	8.156.835	60.973.834	20.594.516
8/25/2021	10.30	-22.5	-21	82.283.058	6.251.817	19.764.888
8/25/2021	10.31	-22.25	-22	83.672.226	6.447.142	19.200.806
8/25/2021	10.32	-22	-21	85.017.993	66.750.352	18.267.641
8/25/2021	10.33	-21.75	-21	8.605.827	6.988.344	1.617.483
8/25/2021	10.34	-21.5	-21	87.223.338	73.051.298	1.417.204
8/25/2021	10.35	-21.25	-21	8.681.054	72.216.576	14.593.964
8/25/2021	10.36	-21	-20	86.992.542	7.322.011	13.772.432
8/25/2021	10.37	-20.75	-20	86.899.488	73.174.647	13.724.841
8/25/2021	10.38	-20.5	-20	867.287	73.045.742	13.682.958
8/25/2021	10.39	-20.25	-20	86.532.837	73.017.938	13.514.899
8/25/2021	10.40	-20	-19	85.489.684	70.403.039	15.086.645
8/25/2021	10.41	-19.75	-19	858.672	70.994.015	14.873.185
8/25/2021	10.42	-19.5	-19	86.780.222	73.201.554	13.578.668
1	10.43	-19.25	-19	8.813.335	77.448.602	10.684.748
1	10.44	-19	-18	87.038.064	75.078.738	11.959.326
1	10.45	-18.75	-18	85.356.352	70.954.744	14.401.608
1	10.46	-18.5	-18	86.535.862	734.858	13.050.062



8/25/2021	10.47	-18.25	-18	87.563.019	7.567.576	11.887.259
8/25/2021	10.48	-18	-18	88.028.481	76.577.648	11.450.833
8/25/2021	10.49	-17.75	-17	87.698.052	7.633.296	11.365.092
8/25/2021	10.50	-17.5	-17	8.811.706	76.915.933	11.201.127
8/25/2021	10.51	-17.25	-17	8.742.404	75.224.485	12.199.555
8/25/2021	10.52	-17	-16	85.868.185	71.701.323	14.166.862
8/25/2021	10.53	-16.75	-15	87.076.524	74.599.255	12.477.269
8/25/2021	10.54	-16.5	-16	86.946	74.736.096	12.209.904
8/25/2021	10.55	-16.25	-16	87.146.376	75.181.195	11.965.181
8/25/2021	10.56	-16	-15	86.819.625	74.943.464	11.876.161
8/25/2021	10.57	-15.75	-15	88.666.688	7.847.334	10.193.348
8/25/2021	10.58	-15.5	-15	8.912.384	79.036.419	10.087.421
8/25/2021	10.59	-15.25	-15	88.624.842	78.167.115	10.457.727
8/25/2021	11.00	-15	-14	8.599.288	733.752	1.261.768
8/25/2021	11.01	-14.75	-14	8.766.048	76.158.703	11.501.777
8/25/2021	11.02	-14.5	-14	88.263.738	77.588.975	10.674.763
8/25/2021	11.03	-14.25	-14	87.856.604	76.779	11.077.604
8/25/2021	11.04	-14	-12	86.662.037	74.612.352	12.049.685
8/25/2021	11.05	-13.75	-12	85.807.909	72.952.143	12.855.766
8/25/2021	11.06	-13.5	-12	86.872.192	74.858.043	12.014.149
8/25/2021	11.07	-13.25	-12	86.558.052	7.470.328	11.854.772
8/25/2021	11.08	-13	-11	88.635.054	7.842.721	10.207.844
8/25/2021	11.09	-12.75	-11	88.920.183	78.998.826	9.921.357
8/25/2021	11.10	-12.5	-11	88.792.358	78.549.264	10.243.094
8/25/2021	11.11	-12.25	-11	88.103.808	77.902.656	10.201.152
8/25/2021	11.12	-12	-11	8.831.468	78.451.235	9.863.445
8/25/2021	11.13	-11.75	-11	88.222.986	78.405.131	9.817.855
8/25/2021	11.14	-11.5	-11	88.769.874	79.858.184	891.169
8/25/2021	11.15	-11.25	-11	88.787.256	80.202.654	8.584.602
8/25/2021	11.16	-11	-10	8.863.096	80.091	853.996
8/25/2021	11.17	-10.75	-10	88.475.814	79.875.648	8.600.166
8/25/2021	11.18	-10.5	-10	54.241.704	43.588.641	10.653.063
8/25/2021	11.19	-10.25	-10	86.654.956	73.589.048	13.065.908
8/25/2021	11.20	-10	-9	89.102.321	81.072.449	8.029.872
8/25/2021	11.21	-9.75	-8	88.957.008	80.472.924	8.484.084
8/25/2021	11.22	-9.5	-8	8.856.357	79.621.857	8.941.713
8/25/2021	11.23	-9.25	-9	88.685.096	79.896.973	8.788.123
8/25/2021	11.24	-9	-7	88.415.633	79.021.011	9.394.622
8/25/2021	11.25	-8.75	-7	8.828.616	79.100.088	9.186.072
8/25/2021	11.26	-8.5	-7	87.064.383	76.687.785	10.376.598
8/25/2021	11.27	-8.25	-7	85.458.616	7.335.198	12.106.636
8/25/2021	11.28	-8	-7	82.752.042	69.844.464	12.907.578
1	11.29	-7.75	-7	829.426	69.936.048	13.006.552
1	11.30	-7.5	-7	80.552.736	67.195.065	13.357.671
1	11.31	-7.25	-7	8.414.715	70.959.312	13.187.838
1	11.32	-7	-6	85.131.048	72.619.015	12.512.033



8/25/2021	11.33	-6.75	-6	83.837.993	70.897.173	1.294.082
8/25/2021	11.34	-6.5	-6	783.792	6.531.371	1.306.549
8/25/2021	11.35	-6.25	-6	81.456.692	68.247.414	13.209.278
8/25/2021	11.36	-6	-5	8.366.528	71.244.661	12.420.619
8/25/2021	11.37	-5.75	-5	82.500.648	69.907.926	12.592.722
8/25/2021	11.38	-5.5	-5	76.702.032	63.747.112	1.295.492
8/25/2021	11.39	-5.25	-5	7.804.826	65.005.512	13.042.748
8/25/2021	11.40	-5	-3	8.251.146	69.637.036	12.874.424
8/25/2021	11.41	-4.75	-3	861.136	750.684	110.452
8/25/2021	11.42	-4.5	-3	8.737.333	77.585.164	9.788.166
8/25/2021	11.43	-4.25	-3	88.076.318	79.866.926	8.209.392
8/25/2021	11.44	-4	-2	86.044.164	75.574.848	10.469.316
8/25/2021	11.45	-3.75	-2	80.255.112	6.838.907	11.866.042
8/25/2021	11.46	-3.5	-2	73.091.176	60.462.489	12.628.687
8/25/2021	11.47	-3.25	-2	76.836.998	6.400.632	12.830.678
8/25/2021	11.48	-3	-2	84.862.056	7.261.992	12.242.136
8/25/2021	11.49	-2.75	-2	86.896.441	7.702.632	9.870.121
8/25/2021	11.50	-2.5	-2	8.749.299	78.547.335	8.945.655
8/25/2021	11.51	-2.25	-2	87.417.936	78.510.816	890.712
8/25/2021	11.52	-2	-1	8.635.536	7.641.354	994.182
8/25/2021	11.53	-1.75	-1	84.996.996	73.561.127	11.435.869
8/25/2021	11.54	-1.5	-2	78.936.179	67.452.252	11.483.927
8/25/2021	11.55	-1.25	-1	7.115.955	59.114.744	12.044.806
8/25/2021	11.56	-1	-1	7.727.307	65.101.752	12.171.318
8/25/2021	11.57	-0.75	0	8.120.532	6.913.018	1.207.514
8/25/2021	11.58	-0.5	0	82.280.113	70.026.761	12.253.352
8/25/2021	11.59	-0.25	0	80.947.489	68.377.392	12.570.097
8/25/2021	12.00	0	1	76.496.035	6.402.975	12.466.285
8/25/2021	12.01	00.25	1	71.570.961	5.900.388	12.567.081
8/25/2021	12.02	00.05	1	63.821.616	52.150.136	1.167.148
8/25/2021	12.03	0,052083	1	59.545.005	47.840.254	11.704.751
8/25/2021	12.04	1	2	62.477.856	50.147.308	12.330.548
8/25/2021	12.05	01.25	3	75.323.292	62.474.451	12.848.841
8/25/2021	12.06	01.05	3	64.078.344	51.671.888	12.406.456
8/25/2021	12.07	0,09375	2	6.622.412	53.713.356	12.510.764
8/25/2021	12.08	2	4	68.635.068	55.855.188	1.277.988
8/25/2021	12.09	02.25	4	76.542.534	63.476.343	13.066.191
8/25/2021	12.10	02.05	4	82.130.621	69.419.952	12.710.669
8/25/2021	12.11	0,135417	4	81.415.586	68.875.191	12.540.395
8/25/2021	12.12	3	4	82.563.712	7.027.479	12.288.922
8/25/2021	12.13	03.25	4	7.867.524	66.259.417	12.415.823
8/25/2021	12.14	03.05	4	82.166.994	69.892.504	1.227.449
1	12.15	0,177083	4	85.356.352	73.611.377	11.744.975
1	12.16	4	5	87.688.935	78.775.312	8.913.623
1	12.17	04.25	5	882.882	80.083.225	8.204.975
1	12.18	04.05	5	8.755.187	78.636.768	8.915.102



8/25/2021	12.19	0,21875	5	87.455.457	7.852.331	8.932.147
8/25/2021	12.20	5	6	88.807.697	80.621.855	8.185.842
8/25/2021	12.21	05.25	6	89.150.446	8.150.957	7.640.876
8/25/2021	12.22	05.05	6	86.542.923	76.870.269	9.672.654
8/25/2021	12.23	0,260417	6	84.112.325	72.423.195	1.168.913
8/25/2021	12.24	6	7	86.422.904	766.365	9.786.404
8/25/2021	12.25	06.25	7	78.514.641	6.675.567	11.758.971
8/25/2021	12.26	06.05	7	77.516.379	6.483.771	12.678.669
8/25/2021	12.27	0,302083	7	75.409.926	62.400.744	13.009.182
8/25/2021	12.28	7	8	83.584.934	70.544.182	13.040.752
8/25/2021	12.29	07.25	8	87.810.848	77.528.808	1.028.204
8/25/2021	12.30	07.05	8	87.823.035	77.848.108	9.974.927
8/25/2021	12.31	0,34375	8	87.755.976	77.748.622	10.007.354
8/25/2021	12.32	8	9	8.912.384	81.103.704	8.020.136
8/25/2021	12.33	08.25	9	8.719.904	7.707.392	1.012.512
8/25/2021	12.34	08.05	9	8.728.718	76.959.675	10.327.505
8/25/2021	12.35	0,385417	9	8.936.361	80.571.228	8.792.382
8/25/2021	12.36	9	10	91.238.443	84.936.996	6.301.447
8/25/2021	12.37	09.25	10	87.004.682	7.600.637	10.998.312
8/25/2021	12.38	09.05	10	86.803.464	74.915.288	11.888.176
8/25/2021	12.39	0,427083	10	85.558.893	73.028.113	1.253.078
8/25/2021	12.40	10	11	89.468.216	80.643.288	8.824.928
8/25/2021	12.41	10.25	11	89.428.196	82.017.622	7.410.574
8/25/2021	12.42	10.05	11	78.785.924	6.706.176	11.724.164
8/25/2021	12.43	0,46875	11	73.357.542	60.233.312	1.312.423
8/25/2021	12.44	11	12	68.084.436	54.324.824	13.759.612
8/25/2021	12.45	11.25	12	79.261.276	65.588.367	13.672.909
8/25/2021	12.46	11.05	12	86.167.968	7.438.392	11.784.048
8/25/2021	12.47	0,510417	12	8.981.122	81.984.234	7.826.986
8/25/2021	12.48	12	13	8.964.683	81.804.597	7.842.233
8/25/2021	12.49	12.25	14	88.476.845	79.440.021	9.036.824
8/25/2021	12.50	12.05	14	75.571.057	61.897.945	13.673.112
8/25/2021	12.51	0,552083	13	7.128.312	57.426.559	13.856.561
8/25/2021	12.52	13	14	67.293.792	53.326.128	13.967.664
8/25/2021	12.53	13.25	14	75.497.547	6.089.508	14.602.467
8/25/2021	12.54	13.05	14	8.640.072	7.372.031	1.268.041
8/25/2021	12.55	0,59375	15	8.828.004	7.808.564	101.944
8/25/2021	12.56	14	15	87.813.908	76.854.096	10.959.812
8/25/2021	12.57	14.25	15	90.977.551	83.889.648	7.087.903
8/25/2021	12.58	14.05	16	92.021.293	8.566.128	6.360.013
8/25/2021	12.59	0,635417	17	91.991.106	85.699.425	6.291.681
8/25/2021	13.00	15	16	910.624	84.275.541	6.786.859
1	13.01	15.25	16	89.352.309	80.381.496	8.970.813
1	13.02	15.05	16	89.383.083	80.329.964	9.053.119
1	13.03	0,677083	16	89.133.044	79.955.161	9.177.883
1	13.04	16	18	88.945.748	7.940.037	9.545.378



8/25/2021	13.05	16.25	18	80.842.125	78.815.754	2.026.371
8/25/2021	13.06	16.05	18	21.761.024	18.142.264	361.876
8/25/2021	13.07	0,71875	18	76.257.175	6.119.763	15.059.545
8/25/2021	13.08	17	18	66.174.688	53.967.264	12.207.424
8/25/2021	13.09	17.25	18	91.175.238	84.288.482	6.886.756
8/25/2021	13.10	17.05	18	91.599.328	85.399.468	619.986
8/25/2021	13.11	0,760417	18	7.716.821	62.407.593	14.760.617
8/25/2021	13.12	18	19	73.483.011	60.636.364	12.846.647
8/25/2021	13.13	18.25	20	67.857.296	54.133.924	13.723.372
8/25/2021	13.14	18.05	19	77.969.709	62.953.737	15.015.972
8/25/2021	13.15	0,802083	19	93.762.887	87.095.744	6.667.143
8/25/2021	13.16	19	20	9.211.183	85.530.825	6.581.005
8/25/2021	13.17	19.25	20	8.393.833	71.602.167	12.336.163
8/25/2021	13.18	19.05	20	71.795.946	57.481.648	14.314.298
8/25/2021	13.19	0,84375	20	8.980.503	7.898.436	1.082.067
8/25/2021	13.20	20	21	93.427.104	86.836.792	6.590.312
8/25/2021	13.21	20.25	21	69.497.701	59.183.146	10.314.555
8/25/2021	13.22	20.05	21	64.249.515	497.556	14.493.915
8/25/2021	13.23	0,885417	21	91.632.551	85.224.147	6.408.404
8/25/2021	13.24	21	22	9.243.066	85.813.924	6.616.736
8/25/2021	13.25	21.25	22	91.835.136	85.443.574	6.391.562
8/25/2021	13.26	21.05	22	91.371.107	85.025	6.346.107
8/25/2021	13.27	0,927083	22	90.184.735	82.190.604	7.994.131
8/25/2021	13.28	22	23	91.749.924	85.458.616	6.291.308
8/25/2021	13.29	22.25	23	91.353.478	8.462.939	6.724.088
8/25/2021	13.30	22.05	23	89.936.654	81.951.807	7.984.847
8/25/2021	13.31	0,96875	23	40.760.888	29.742.075	11.018.813
8/25/2021	13.32	23	24	7.830.336	64.960.915	13.342.445
8/25/2021	13.33	23.25	24	3.362.005	22.509.105	11.110.945
8/25/2021	13.34	23.05	24	23.473.814	15.394.366	8.079.448
8/25/2021	13.35	1,010417	24	14.822.712	944.654	5.376.172
8/25/2021	13.36	24	25	11.712.832	6.757.564	4.955.268
8/25/2021	13.37	24.25.00	25	7.491.825	4.587.324	2.904.501
8/25/2021	13.38	24.05.00	25	5.090.126	3.146.496	194.363
8/25/2021	13.39	24.75	25	3.793.988	2.284.843	1.509.145
8/25/2021	13.40	25	26	283.284	1.684.516	1.148.324
8/25/2021	13.41	25.25.00	26	1.864.646	1.082.086	0.78256
8/25/2021	13.42	25.05.00	26	0.953258	0.512608	0.44065
8/25/2021	13.43	25.75	26	0.44568	0.23628	1,454166667
8/25/2021	13.44	26	27	0.216916	0.12027	0.096646
8/25/2021	13.45	26.25.00	27	0.109548	0.068949	0.040599
8/25/2021	13.46	26.05.00	27	0.061774	0.044965	0.016809
1	13.47	26.75	27	0.039114	0.032769	0.006345
1	13.48	27	28	0.025456	0.023042	0.002414
1	13.49	27.25.00	28	0.020064	0.016524	0.00354
1	13.50	27.05.00	28	0.021303	0.015844	0.005459



8/25/2021	13.51	27.75	28	0.021684	0.016796	0.004888
8/25/2021	13.52	28	28	0.028119	0.025665	0.002454
8/25/2021	13.53	28.25.00	27	0.041181	0.03211	0.009071
8/25/2021	13.54	28.05.00	27	0.050875	0.041697	0.009178
8/25/2021	13.55	28.75	28	0.05941	0.043623	0.015787
8/25/2021	13.56	29	30	0.067539	0.047676	0.019863
8/25/2021	13.57	29.25.00	29	0.073225	0.054737	0.018488
8/25/2021	13.58	29.05.00	29	0.094856	0.064801	0.030055
8/25/2021	13.59	29.75	30	0.128505	0.088346	0.040159
8/25/2021	14.00	30	31	0.174246	0.111517	0.062729
8/25/2021	14.01	30.25.00	30	0.224202	0.14555	0.078652
8/25/2021	14.02	30.05.00	31	0.257784	0,116666667	0.089784
8/25/2021	14.03	30.75	31	2,102083333	0.196587	0.106113
8/25/2021	14.04	31	32	0.378336	0.228636	1,039583333
8/25/2021	14.05	31.25.00	32	0.452661	0.276735	0.175926
8/25/2021	14.06	31.05.00	32	0.540317	0.338352	0.201965
8/25/2021	14.07	31.75	32	0.622386	0.395136	0.22725
8/25/2021	14.08	32	33	0.696261	0.422253	0.274008
8/25/2021	14.09	32.25.00	33	0.725984	0,322916667	0.260984
8/25/2021	14.10	32.05.00	33	0.75905	0.491778	0.267272
8/25/2021	14.11	32.75	33	5,317361111	0.524808	0.240892
8/25/2021	14.12	33	34	0.76475	0.542152	0.222598
8/25/2021	14.13	33.25.00	34	0.760392	0.553781	0.206611
8/25/2021	14.14	33.05.00	34	0.778662	0.574236	0.204426
8/25/2021	14.15	33.75	34	0.811623	0.600346	0.211277
8/25/2021	14.16	34	35	0.82962	0.617176	0.212444
8/25/2021	14.17	34.25.00	35	0.865663	0.651915	0.213748
8/25/2021	14.18	34.05.00	35	0.903199	0.667601	0.235598
8/25/2021	14.19	34.75	35	0.90288	0.690372	0.212508
8/25/2021	14.20	35	36	0.90288	4,697222222	0.22648
8/25/2021	14.21	35.25.00	36	0.896615	0.685069	0.211546
8/25/2021	14.22	35.05.00	36	0.869904	0.68704	0.182864
8/25/2021	14.23	35.75	36	0.862436	0.678272	0.184164
8/25/2021	14.24	36	37	0.836948	0.652256	0.184692
8/25/2021	14.25	36.25.00	37	0.821028	0.66007	0.160958
8/25/2021	14.26	36.05.00	37	0.800052	0.64815	0.151902
8/25/2021	14.27	36.75	37	5,545833333	0.64728	0.15132
8/25/2021	14.28	37	38	0.801705	0.635472	0.166233
8/25/2021	14.29	37.25.00	38	5,590972222	0.653562	0.151538
8/25/2021	14.30	37.05.00	38	0.80676	0.65113	0.15563
8/25/2021	14.31	37.75	38	0.808907	0.661842	0.147065
8/25/2021	14.32	38	39	0.81174	0.65824	1,065972222
1	14.33	38.25.00	39	0.80676	0.665652	0.141108
1	14.34	38.05.00	39	0.80344	0.684618	0.118822
1	14.35	38.75	39	0.80676	0.67184	0.13492
1	14.36	39	40	0.80433	0.67346	0.13087



8/25/2021	14.37	39.25.00	40	0.79695	0.656374	0.140576
8/25/2021	14.38	39.05.00	40	0.804894	0.656744	0.14815
8/25/2021	14.39	39.75	41	0.79048	0.65262	0.13786
8/25/2021	14.40	40	41	0.788552	0.648508	0.140044
8/25/2021	14.41	40.25.00	41	0.79152	4,470833333	0.14772
8/25/2021	14.42	40.05.00	41	0.79443	0.63788	0.15655
8/25/2021	14.43	40.75	41	0.799654	0.642139	0.157515
8/25/2021	14.44	41	42	0.80685	0.624942	0.181908
8/25/2021	14.45	41.25.00	42	0.794336	0.624195	0.170141
8/25/2021	14.46	41.05.00	42	5,523611111	0.611408	0.183992
8/25/2021	14.47	41.75	42	0.789516	0.610032	0.179484
8/25/2021	14.48	42	43	0.774725	0.601083	0.173642
8/25/2021	14.49	42.25.00	43	0.78403	0.59072	0.19331
8/25/2021	14.50	42.05.00	43	0.786807	0.59498	0.191827
8/25/2021	14.51	42.75	43	0.784214	0.59214	0.192074
8/25/2021	14.52	43	44	0.769776	0.596978	0.172798
8/25/2021	14.53	43.25.00	44	0.779812	0.59356	0.186252
8/25/2021	14.54	43.05.00	44	0.78566	0.59498	0.19068
8/25/2021	14.55	43.75	44	0.774928	0.592384	0.182544
8/25/2021	14.56	44	44	0.76302	0.58646	0.17656
8/25/2021	14.57	44.25.00	45	0.750008	0.59924	0.150768
8/25/2021	14.58	44.05.00	45	0.714291	0.59072	0.123571
8/25/2021	14.59	44.75	45	0.71292	4,141666667	0.11652
8/25/2021	15.00	45	45	0.709148	0.59072	0.118428
8/25/2021	15.01	45.25.00	45	0.72691	0.59782	0.12909
8/25/2021	15.02	45.05.00	45	0.730515	0.58646	0.144055
8/25/2021	15.03	45.75	45	0.734124	0.591968	0.142156
8/25/2021	15.04	46	45	0.721089	0.59631	0.124779
8/25/2021	15.05	46.25.00	45	0.726624	0.60632	0.120304
8/25/2021	15.06	46.05.00	46	0.718238	0.595399	0.122839
8/25/2021	15.07	46.75	45	0.696261	0.586047	0.110214
8/25/2021	15.08	47	45	4,73125	0.59262	0.08868
8/25/2021	15.09	47.25.00	45	0.641018	0.589533	0.051485
8/25/2021	15.10	47.05.00	45	0.61904	4,005555556	0.04224
8/25/2021	15.11	47.75	45	0.62264	4,054166667	0.03884
8/25/2021	15.12	48	45	0.62205	0.575463	0.046587
8/25/2021	15.13	48.25.00	45	0.618126	0.585565	0.032561
8/25/2021	15.14	48.05.00	45	0.62205	0.59514	0.02691
8/25/2021	15.15	48.75	45	4,309722222	0.597974	0.022626
8/25/2021	15.16	49	45	0.61557	0.591628	0.023942
8/25/2021	15.17	49.25.00	45	0.595712	0.59079	0.004922
8/25/2021	15.18	49.05.00	45	0.58167	3,966666667	0.01047
1	15.19	49.75	46	0.56295	3,827777778	0.01175
1	15.20	50	46	0.566712	0.557997	0.008715
1	15.21	50.25.00	46	0.566776	0.553554	0.013222
1	15.22	50.05.00	46	0.584808	0.594873	-0.010065



8/25/2021	15.23	50.75	45	0.599083	0.587466	0.011617
8/25/2021	15.24	51	45	0.577944	0.54742	0.030524
8/25/2021	15.25	51.25.00	45	3,675694444	0.482408	0.046892
8/25/2021	15.26	51.05.00	45	0.505952	3,186111111	0.047152
8/25/2021	15.27	51.75	45	3,49375	0.439775	0.063325
8/25/2021	15.28	52	45	0.509906	0.447279	0.062627
8/25/2021	15.29	52.25.00	45	0.554125	0.461892	0.092233
8/25/2021	15.30	52.05.00	46	0.579272	0.48006	0.099212
8/25/2021	15.31	52.75	46	0.58656	0.47498	0.11158
8/25/2021	15.32	53	45	0.58515	0.471099	0.114051
8/25/2021	15.33	53.25.00	46	0.578925	0.446918	0.132007
8/25/2021	15.34	53.05.00	45	0.55419	0.42126	0.13293
8/25/2021	15.35	53.75	45	0.520421	0.402136	0.118285
8/25/2021	15.36	54	46	0.500352	0.382704	0.117648
8/25/2021	15.37	54.25.00	46	0.470057	0.346753	0.123304
8/25/2021	15.38	54.05.00	46	0.442364	0.323748	0.118616
8/25/2021	15.39	54.75	45	0.425061	0.313341	0.11172
8/25/2021	15.40	55	45	0.432896	0.314817	0.118079
8/25/2021	15.41	55.25.00	45	0.427632	0.31257	0.115062
8/25/2021	15.42	55.05.00	45	0.412086	0.306642	0.105444
8/25/2021	15.43	55.75	46	0.399456	0.301278	0.098178
8/25/2021	15.44	56	45	0.366748	0.26852	0.098228
8/25/2021	15.45	56.25.00	46	0.31415	0.241468	0.072682
8/25/2021	15.46	56.05.00	46	2,120833333	0.224028	0.081372
8/25/2021	15.47	56.75	46	0.309428	0.230394	0.079034
8/25/2021	15.48	57	46	0.308269	0.237336	0.070933
8/25/2021	15.49	57.25.00	45	0.309428	0.239766	0.069662
8/25/2021	15.50	57.05.00	46	0.29007	0.22185	0.06822
8/25/2021	15.51	57.75	45	1,747222222	0.19516	0.05644
8/25/2021	15.52	58	46	0.223774	0.18055	0.043224
8/25/2021	15.53	58.25.00	45	0.20207	0.179104	0.022966
8/25/2021	15.54	58.05.00	45	0.202796	0.178391	0.024405
8/25/2021	15.55	58.75	45	0.231346	0.18308	0.048266
8/25/2021	15.56	59	46	0.24479	0.204426	0.040364
8/25/2021	15.57	59.25.00	46	0.237634	0.19752	0.040114
8/25/2021	15.58	59.05.00	46	0.23585	0.190115	0.045735
8/25/2021	15.59	59.75	45	0.218339	0.198584	0.019755
8/25/2021	16.00	60	46	0.225492	0.20776	0.017732
8/25/2021	16.01	60.25.00	46	0.241831	0.219604	0.022227
8/25/2021	16.02	60.05.00	46	0.248336	1,597916667	0.018236
8/25/2021	16.03	60.75	45	0.25905	0.247632	0.011418
8/25/2021	16.04	61	46	0.297404	0.265768	0.031636
1	16.05	61.25.00	46	0.330328	0.288708	0.04162
1	16.06	61.05.00	46	0.356525	0.284087	0.072438
1	16.07	61.75	46	0.35631	0.286688	0.069622
1	16.08	62	45	0.388494	0.313728	0.074766



8/25/2021	16.09	62.25.00	46	0.413127	0.326613	0.086514
8/25/2021	16.10	62.05.00	46	0.396632	0.329902	0.06673
8/25/2021	16.11	62.75	46	0.340896	0.301032	0.039864
8/25/2021	16.12	63	45	0.296646	0.282408	0.014238
8/25/2021	16.13	63.25.00	46	0.27303	0.254469	0.018561
8/25/2021	16.14	63.05.00	46	0.27832	0.277816	0.000504
8/25/2021	16.15	63.75	45	0.314211	0.308151	0.00606
8/25/2021	16.16	64	46	0.36519	0.334644	0.030546
8/25/2021	16.17	64.25.00	46	0.37734	0.336735	0.040605
8/25/2021	16.18	64.05.00	46	0.403214	0.33277	0.070444
8/25/2021	16.19	64.75	46	0.41615	0.34848	0.06767
8/25/2021	16.20	65	46	0.439982	0.385392	0.05459
8/25/2021	16.21	65.25.00	45	0.491022	2,906944444	0.072422
8/25/2021	16.22	65.05.00	46	0.516258	0.457649	0.058609
8/25/2021	16.23	65.75	46	0.55146	0.474375	0.077085
8/25/2021	16.24	66	46	0.57546	0.495744	0.079716
8/25/2021	16.25	66.25.00	46	0.588126	0.525745	0.062381
8/25/2021	16.26	66.05.00	46	0.590304	0.53055	0.059754
8/25/2021	16.27	66.75	46	0.583804	0.550248	0.033556
8/25/2021	16.28	67	46	0.596978	3,802777778	0.049378
8/25/2021	16.29	67.25.00	45	0.603198	0.56304	0.040158
8/25/2021	16.30	67.05.00	46	0.61795	0.573092	0.044858
8/25/2021	16.31	67.75	46	0.643972	0.575309	0.068663
8/25/2021	16.32	68	46	0.648396	0.595715	0.052681
8/25/2021	16.33	68.25.00	46	0.681042	0.615464	0.065578
8/25/2021	16.34	68.05.00	46	0.734124	0.625308	0.108816
8/25/2021	16.35	68.75	46	0.732656	0.645174	0.087482
8/25/2021	16.36	69	46	0.692358	0.645174	0.047184
8/25/2021	16.37	69.25.00	46	0.658752	0.63339	0.025362
8/25/2021	16.38	69.05.00	46	0.670072	0.673014	-0.002942
8/25/2021	16.39	69.75	46	0.736164	0.714022	0.022142
8/25/2021	16.40	70	45	0.816533	0.756144	0.060389
8/25/2021	16.41	70.25.00	46	0.88893	0.791245	0.097685
8/25/2021	16.42	70.05.00	46	0.942152	0.809592	0.13256
8/25/2021	16.43	70.75	46	0.948904	0.80899	0.139914
8/25/2021	16.44	71	46	0.90228	0.750002	0.152278
8/25/2021	16.45	71.25.00	46	0.800052	4,908333333	0.093252
8/25/2021	16.46	71.05.00	45	0.712728	0.655326	0.057402
8/25/2021	16.47	71.75	46	0.674246	0.615465	0.058781
8/25/2021	16.48	72	45	0.660695	0.600008	0.060687
8/25/2021	16.49	72.25.00	46	0.672568	4,141666667	0.076168
8/25/2021	16.50	72.05.00	46	0.687232	4,214583333	0.080332
1	16.51	72.75	46	0.717033	0.612588	0.104445
1	16.52	73	46	0.72358	0.605896	0.117684
1	16.53	73.25.00	45	0.69834	0.561735	0.136605
1	16.54	73.05.00	45	0.66308	0.530157	0.132923



8/25/2021	16.55	73.75	45	0.59983	0.489346	0.110484
8/25/2021	16.56	74	46	0.571856	0.47564	0.096216
8/25/2021	16.57	74.25.00	45	0.535052	0.461319	0.073733
8/25/2021	16.58	74.05.00	46	0.53055	0.460368	0.070182
8/25/2021	16.59	74.75	46	0.535052	0.451414	0.083638
8/25/2021	17.00	75	46	0.562067	0.46375	0.098317
8/25/2021	17.01	75.25.00	45	0.574167	0.461686	0.112481
8/25/2021	17.02	75.05.00	45	0.58515	0.46872	0.11643
8/25/2021	17.03	75.75	46	0.59556	0.460794	0.134766
8/25/2021	17.04	76	46	0.597322	0.457424	0.139898
8/25/2021	17.05	76.25.00	46	0.60135	0.426132	0.175218
8/25/2021	17.06	76.05.00	45	0.59556	0.401104	0.194456
8/25/2021	17.07	76.75	46	0.595294	0.382284	0.21301
8/25/2021	17.08	77	45	0.586395	0.380016	0.206379
8/25/2021	17.09	77.25.00	46	0.59924	0.356644	0.242596
8/25/2021	17.10	77.05.00	45	0.646226	0.34185	0.304376
8/25/2021	17.11	77.75	44	0.769975	0.33046	0.439515
8/25/2021	17.12	78	46	0.65113	0,204861111	0.35613
8/25/2021	17.13	78.25.00	46	0.563355	1,810416667	0.302655
8/25/2021	17.14	78.05.00	46	0.539126	0.25245	0.286676
8/25/2021	17.15	78.75	46	0.559136	0.236437	0.322699
8/25/2021	17.16	79	45	0.641792	0.241794	0.399998
8/25/2021	17.17	79.25.00	45	0.750869	0.250404	0.500465
8/25/2021	17.18	79.05.00	46	0,588888889	0.239184	0.608816
8/25/2021	17.19	79.75	46	0.813008	0.226884	0.586124
8/25/2021	17.20	80	45	0.77914	0.209456	0.569684
8/25/2021	17.21	80.25.00	45	0.73935	1,322222222	0.54895
8/25/2021	17.22	80.05.00	45	0.724692	0.174272	0.55042
8/25/2021	17.23	80.75	45	0.71145	0.169792	0.541658
8/25/2021	17.24	81	46	0.612504	0.160666	0.451838
8/25/2021	17.25	81.25.00	45	0.590371	0.149136	0.441235
8/25/2021	17.26	81.05.00	45	0.633479	0.156342	0.477137
8/25/2021	17.27	81.75	45	0.735525	0.160797	0.574728
8/25/2021	17.28	82	45	0.997491	0.163282	0.834209
8/25/2021	17.29	82.25.00	45	13.325	0.166722	1.165.778
8/25/2021	17.30	82.05.00	45	1.651.193	0.16275	1.488.443
8/25/2021	17.31	82.75	45	2.014.011	0.168365	1.845.646
8/25/2021	17.32	83	46	2.248.268	0.16412	2.084.148
8/25/2021	17.33	83.25.00	45	2.079.168	0.129626	1.949.542
8/25/2021	17.34	83.05.00	45	1.681.699	0.093073	1.588.626
8/25/2021	17.35	83.75	45	1.293.091	0.080496	1.212.595
8/25/2021	17.36	84	45	0.79289	0.069212	0.723678
1	17.37	84.25.00	45	0.365519	0.06528	0.300239
1	17.38	84.05.00	46	0.259374	0.068526	0.190848
1	17.39	84.75	45	0.264492	0.072576	0.191916
1	17.40	85	45	0.290472	0.083424	0.207048



8/25/2021	17.41	85.25.00	45	0.289191	0.079577	0.209614
8/25/2021	17.42	85.05.00	45	0.27072	0.075245	0.195475
8/25/2021	17.43	85.75	45	0.25355	0.071102	0.182448
8/25/2021	17.44	86	45	0.221488	0.06608	0.155408
8/25/2021	17.45	86.25.00	45	0.198531	0.058179	0.140352
8/25/2021	17.46	86.05.00	45	0.165783	0.05146	0.114323
8/25/2021	17.47	86.75	45	0.14889	0.044346	0.104544
8/25/2021	17.48	87	45	0.12288	0.03885	0.08403
8/25/2021	17.49	87.25.00	45	0.106147	0.035152	0.070995
8/25/2021	17.50	87.05.00	45	0.08346	0.025628	0.057832
8/25/2021	17.51	87.75	45	0.060382	0.021567	0.038815
8/25/2021	17.52	88	45	0.040018	0.014656	0.025362
8/25/2021	17.53	88.25.00	45	0.028392	0.011651	0.016741
8/25/2021	17.54	88.05.00	45	0.01508	0.006966	0.008114
8/25/2021	17.55	88.75	45	0.009515	0.005	0.004515
8/25/2021	17.56	89	45	0.005502	0.0031	0.002402
8/25/2021	17.57	89.25.00	46	0.002525	0.001	0.001525
8/25/2021	17.58	89.05.00	46	0.00108	0.000468	0.000612
8/25/2021	17.59	89.75	45	0.000672	0.000152	0.00052
8/25/2021	18.00	90	45	0.0006	0	0.0006

