

		Pyranometer	Temperature	RH	Wind Direction	Wind Speed	Rain sensor
		[W/m <sup>2</sup> ]	[°C]	[%RH]	[angle]	[m/s]	[mm]
4/1/2021	12:00:00 AM	-0.948	25.958	86.369	111.549	0.192	109.7
4/1/2021	01:00:00 AM	-1.083	25.818	86.609	124.494	0.194	109.7
4/1/2021	02:00:00 AM	0.406	25.775	87.198	127.122	0.653	109.7
4/1/2021	03:00:00 AM	0.542	25.575	87.109	283.508	0.3	109.7
4/1/2021	04:00:00 AM	-1.489	25.636	86.85	40.721	0.192	109.7
4/1/2021	05:00:00 AM	0.135	25.586	86.811	173.243	0.197	109.7
4/1/2021	06:00:00 AM	10.832	25.895	86.232	173.492	0.2	109.7
4/1/2021	07:00:00 AM	57.818	26.239	83.999	117.629	0.197	109.7
4/1/2021	08:00:00 AM	91.805	26.608	81.988	133.988	0.197	109.7
4/1/2021	09:00:00 AM	243.189	27.845	77.34	131.625	0.197	109.7
4/1/2021	10:00:00 AM	459.704	29.364	69.503	141.708	0.198	109.7
4/1/2021	11:00:00 AM	1047.772	31.576	59.607	215.469	0.201	109.7
4/1/2021	12:00:00 PM	229.242	31.35	61.211	199.492	0.2	109.7
4/1/2021	01:00:00 PM	793.344	33.912	51.098	106.643	0.2	109.7
4/1/2021	02:00:00 PM	272.437	33.972	50.262	52.314	0.201	109.7
4/1/2021	03:00:00 PM	275.01	32.861	60.786	134.35	0.368	109.7
4/1/2021	04:00:00 PM	325.381	32.865	62.862	197.192	0.206	109.7
4/1/2021	05:00:00 PM	107.242	31.475	65.199	138.538	0.195	109.7
4/1/2021	06:00:00 PM	0.812	29.924	70.311	149.077	0.2	109.7
4/1/2021	07:00:00 PM	-3.114	28.933	74.495	27.887	0.193	109.7
4/1/2021	08:00:00 PM	-2.166	27.875	79.186	134.938	0.198	109.7
4/1/2021	09:00:00 PM	-1.896	27.751	78.841	78.997	0.199	109.7
4/1/2021	10:00:00 PM	-0.677	27.361	81.552	215.459	0.201	109.7
4/1/2021	11:00:00 PM	-2.302	27.342	81.549	127.909	0.711	109.7
4/2/2021	12:00:00 AM	-2.166	27.208	82.35	124.935	0.197	109.7
4/2/2021	01:00:00 AM	-2.844	26.595	84.727	276.514	0.5	109.7
4/2/2021	02:00:00 AM	-1.76	26.407	80.646	119.866	0.196	109.7
4/2/2021	03:00:00 AM	-4.062	26.183	80.286	282.676	0.203	109.7
4/2/2021	04:00:00 AM	-2.437	25.361	79.379	274.413	1.513	109.7
4/2/2021	05:00:00 AM	0.948	25.107	78.574	284.307	1.505	109.7
4/2/2021	06:00:00 AM	12.728	25.27	75.282	136.76	0.198	109.7
4/2/2021	07:00:00 AM	87.472	25.197	77.831	96.206	0.2	109.7
4/2/2021	08:00:00 AM	327.141	27.313	67.875	307.685	0.553	109.7
4/2/2021	09:00:00 AM	527.136	30.368	60.452	12.841	0.197	109.7
4/2/2021	10:00:00 AM	719.277	32.497	55.419	214.081	0.527	109.7
4/2/2021	11:00:00 AM	853.193	33.476	50.685	120.254	0.611	109.7
4/2/2021	12:00:00 PM	867.14	34.921	43.961	255.577	0.205	109.7
4/2/2021	01:00:00 PM	755.566	34.732	52.488	103.952	0.203	109.7
4/2/2021	02:00:00 PM	634.107	34.196	54.975	147.583	0.677	109.7
4/2/2021	03:00:00 PM	197.151	32.319	60.388	84.212	0.702	109.7
4/2/2021	04:00:00 PM	64.047	31.321	64.278	11.264	0.196	109.7
4/2/2021	05:00:00 PM	68.786	29.893	69.152	315.086	0.21	109.7
4/2/2021	06:00:00 PM	4.604	29.424	71.697	172.226	0.203	109.7
4/2/2021	07:00:00 PM	-2.844	28.99	74.288	15.6	0.192	109.7
4/2/2021	08:00:00 PM	-2.708	28.349	77.139	349.849	0.753	109.7
4/2/2021	09:00:00 PM	-2.166	27.754	80.199	213.461	0.201	109.7
4/2/2021	10:00:00 PM	-2.979	26.869	81.195	206.361	0.204	109.7
4/2/2021	11:00:00 PM	-0.948	26.913	81.616	209.492	0.202	109.7

4/3/2021	12:00:00 AM	-1.354	27.179	80.693	164.8	0.2	109.7
4/3/2021	01:00:00 AM	-0.271	27.161	82.105	200.561	0.203	109.7
4/3/2021	02:00:00 AM	-0.406	27.188	82.477	285.43	2.997	109.7
4/3/2021	03:00:00 AM	0.271	26.837	84.882	276.795	0.612	109.7
4/3/2021	04:00:00 AM	0.406	26.924	83.323	229.202	0.2	109.7
4/3/2021	05:00:00 AM	-2.166	26.552	83.263	192.7	0.666	109.7
4/3/2021	06:00:00 AM	3.521	26.779	82.377	208.367	0.199	109.7
4/3/2021	07:00:00 AM	38.997	26.174	82.159	80.678	0.196	109.7
4/3/2021	08:00:00 AM	66.349	26.041	81.843	142.957	0.616	109.7
4/3/2021	09:00:00 AM	185.371	26.923	78.018	141.252	0.199	109.7
4/3/2021	10:00:00 AM	684.748	29.268	65.776	260.771	1.163	109.7
4/3/2021	11:00:00 AM	631.534	31.147	58.809	68.828	0.196	109.7
4/3/2021	12:00:00 PM	837.08	32.012	55.206	158.447	0.202	109.7
4/3/2021	01:00:00 PM	778.449	34.216	48.987	132.622	0.205	109.7
4/3/2021	02:00:00 PM	370.065	33.148	54.277	94.639	0.199	109.7
4/3/2021	03:00:00 PM	263.5	30.831	61.369	346.321	0.209	109.7
4/3/2021	04:00:00 PM	147.457	29.278	65.9	231.112	0.634	109.7
4/3/2021	05:00:00 PM	49.423	28.929	65.576	115.701	0.2	109.7
4/3/2021	06:00:00 PM	2.573	27.777	71.45	127.567	0.197	109.7
4/3/2021	07:00:00 PM	-0.135	26.138	77.967	189.604	0.577	109.7
4/3/2021	08:00:00 PM	-3.114	25.219	82.987	289.101	0.201	109.7
4/3/2021	09:00:00 PM	-2.979	24.59	83.467	69.312	0.893	109.7
4/3/2021	10:00:00 PM	0	24.476	84.713	79.958	0.195	109.7
4/3/2021	11:00:00 PM	0.406	24.564	84.014	154.583	0.909	109.7
4/4/2021	12:00:00 AM	-0.542	24.622	86.096	36.929	0.193	109.7
4/4/2021	01:00:00 AM	-2.031	24.273	85.733	130.848	0.196	109.7
4/4/2021	02:00:00 AM	0	23.887	86.524	146.021	0.452	109.7
4/4/2021	03:00:00 AM	-0.677	23.621	87.079	28.835	0.2	109.7
4/4/2021	04:00:00 AM	-0.948	23.318	87.195	355.059	0.208	109.7
4/4/2021	05:00:00 AM	-1.489	22.786	84.62	337.857	0.218	109.7
4/4/2021	06:00:00 AM	7.447	22.169	82.639	354.401	0.583	109.7
4/4/2021	07:00:00 AM	32.227	21.917	83.58	169.915	1.031	109.7
4/4/2021	08:00:00 AM	86.795	21.85	84.928	6.109	0.826	109.7
4/4/2021	09:00:00 AM	64.318	21.42	83.699	161.482	1.762	109.7
4/4/2021	10:00:00 AM	102.096	21.034	84.009	271.616	0.203	109.7
4/4/2021	11:00:00 AM	207.984	21.025	78.674	182.19	0.197	109.7
4/4/2021	12:00:00 PM	172.507	21.018	78.39	147.482	0.86	109.7
4/4/2021	01:00:00 PM	135.541	20.452	75.961	83.085	0.948	109.7
4/4/2021	02:00:00 PM	116.178	19.947	77.648	23.133	0.199	109.7
4/4/2021	03:00:00 PM	104.127	19.738	79.075	192.475	0.571	109.7
4/4/2021	04:00:00 PM	59.579	19.87	73.251	63.101	0.203	109.7
4/4/2021	05:00:00 PM	63.776	19.864	73.906	155.158	2.112	109.7
4/4/2021	06:00:00 PM	3.927	19.691	72.738	122.844	0.85	109.7
4/4/2021	07:00:00 PM	0.677	19.855	71.934	84.009	0.453	109.7
4/4/2021	08:00:00 PM	-0.135	19.696	71.146	104.713	1.281	109.7
4/4/2021	09:00:00 PM	-0.406	19.617	72.434	194.32	0.199	109.7
4/4/2021	10:00:00 PM	0.677	19.608	69.718	127.957	0.197	109.7
4/4/2021	11:00:00 PM	-0.542	19.377	65.173	69.958	0.492	109.7
4/5/2021	12:00:00 AM	-2.031	19.116	62.278	26.407	0.941	109.7
4/5/2021	01:00:00 AM	-5.01	18.618	59.1	174.143	0.193	109.7

4/5/2021	02:00:00 AM	-3.114	18.384	55.964	325.954	0.2	109.7
4/5/2021	03:00:00 AM	-3.385	18.015	60.063	80.573	0.921	109.7
4/5/2021	04:00:00 AM	-1.76	17.539	63.3	154.513	1.025	109.7
4/5/2021	05:00:00 AM	-2.302	17.545	64.528	253.406	0.195	109.7
4/5/2021	06:00:00 AM	21.394	17.617	61.89	146.214	0.767	109.7
4/5/2021	07:00:00 AM	189.027	18.817	55.837	141.962	0.835	109.7
4/5/2021	08:00:00 AM	244.95	19.342	51.857	16.701	1.002	109.7
4/5/2021	09:00:00 AM	652.251	20.774	46.029	68.653	0.194	109.7
4/5/2021	10:00:00 AM	801.875	22.176	40.796	268.845	1.111	109.7
4/5/2021	11:00:00 AM	894.492	22.391	39.022	338.603	0.207	109.7
4/5/2021	12:00:00 PM	885.826	23.121	39.61	133.742	0.977	109.7
4/5/2021	01:00:00 PM	839.382	22.39	42.967	193.218	1.108	109.7
4/5/2021	02:00:00 PM	713.59	22.423	44.371	60.532	0.974	109.7
4/5/2021	03:00:00 PM	525.782	21.097	47.334	341.559	0.671	109.7
4/5/2021	04:00:00 PM	328.089	21.368	50.134	142.678	1.4	109.7
4/5/2021	05:00:00 PM	122.813	19.823	54.567	113.81	1.126	109.7
4/5/2021	06:00:00 PM	5.01	19.105	59.449	206.94	0.202	109.7
4/5/2021	07:00:00 PM	-4.739	18.734	62.175	173.748	1.102	109.7
4/5/2021	08:00:00 PM	-2.979	18.677	63.713	138.238	0.674	109.7
4/5/2021	09:00:00 PM	-4.062	18.351	66.392	79.192	0.402	109.7
4/5/2021	10:00:00 PM	-3.927	18.079	67.982	225.863	0.199	109.7
4/5/2021	11:00:00 PM	-3.385	17.976	70.177	75.026	0.22	109.7
4/6/2021	12:00:00 AM	-4.198	17.857	72.602	63.869	0.647	109.7
4/6/2021	01:00:00 AM	-1.354	17.791	73.347	108.095	0.192	109.7
4/6/2021	02:00:00 AM	-1.896	18.035	72.663	202.713	0.196	109.7
4/6/2021	03:00:00 AM	-0.948	18.418	73.406	152.264	0.655	109.7
4/6/2021	04:00:00 AM	-2.166	18.189	74.651	61.75	0.192	109.7
4/6/2021	05:00:00 AM	-2.573	18.029	75.452	90.66	0.191	109.7
4/6/2021	06:00:00 AM	10.291	18.435	75.037	19.884	0.189	109.7
4/6/2021	07:00:00 AM	96.68	19.072	72.603	73.3	0.191	109.7
4/6/2021	08:00:00 AM	180.361	20.736	62.741	68.956	1.1	109.7
4/6/2021	09:00:00 AM	263.5	21.79	57.394	109.244	1.121	109.7
4/6/2021	10:00:00 AM	319.017	23.194	54.344	138.503	0.192	109.7
4/6/2021	11:00:00 AM	162.487	22.348	55.324	356.222	0.25	109.7
4/6/2021	12:00:00 PM	679.332	23.352	52.971	214.685	0.197	109.7
4/6/2021	01:00:00 PM	483.535	23.775	51.379	53.883	0.195	109.7
4/6/2021	02:00:00 PM	724.829	24.348	52.249	161.018	0.528	109.7
4/6/2021	03:00:00 PM	649.407	24.1	52.26	97.958	0.195	109.7
4/6/2021	04:00:00 PM	410.957	23.704	50.694	168.456	1.783	109.7
4/6/2021	05:00:00 PM	184.829	22.657	54.432	267.563	0.204	109.7
4/6/2021	06:00:00 PM	3.927	21.402	61.479	322.1	0.205	109.7
4/6/2021	07:00:00 PM	-3.656	20.779	65.474	177.693	1.84	109.7
4/6/2021	08:00:00 PM	-3.114	20.424	67.359	135.725	0.739	109.7
4/6/2021	09:00:00 PM	-4.198	20.038	68.985	156.765	1.142	109.7
4/6/2021	10:00:00 PM	-3.791	19.929	69.655	27.342	1.12	109.7
4/6/2021	11:00:00 PM	-2.708	19.5	71.074	289.753	0.424	109.7
4/7/2021	12:00:00 AM	-3.25	19.022	72.863	351.277	0.585	109.7
4/7/2021	01:00:00 AM	-3.25	18.648	75.202	314.579	0.634	109.7
4/7/2021	02:00:00 AM	-2.979	18.316	75.676	77.495	0.509	109.7
4/7/2021	03:00:00 AM	-3.521	18.293	75.615	53.77	0.19	109.7

4/7/2021	04:00:00 AM	-3.25	18.074	76.941	118.025	0.292	109.7
4/7/2021	05:00:00 AM	-2.979	17.942	77.966	103.54	0.198	109.7
4/7/2021	06:00:00 AM	25.321	18.184	76.599	168.426	0.194	109.7
4/7/2021	07:00:00 AM	247.793	19.977	68.704	325.057	0.265	109.7
4/7/2021	08:00:00 AM	497.617	22.5	57.84	158.409	0.967	109.7
4/7/2021	09:00:00 AM	711.83	24.11	47.889	55.3	1.18	109.7
4/7/2021	10:00:00 AM	875.129	25.765	46.094	225.109	0.242	109.7
4/7/2021	11:00:00 AM	984.131	26.122	46.443	255.138	0.74	109.7
4/7/2021	12:00:00 PM	986.162	26.552	48.013	106.283	1.637	109.7
4/7/2021	01:00:00 PM	993.068	26.374	48.463	185.519	0.2	109.7
4/7/2021	02:00:00 PM	899.367	26.318	49.457	124.748	2.164	109.7
4/7/2021	03:00:00 PM	340.411	25.511	52.417	42.599	0.348	109.7
4/7/2021	04:00:00 PM	196.339	24.827	55.204	91.396	0.192	109.7
4/7/2021	05:00:00 PM	36.966	24.122	57.847	323.812	0.204	109.7
4/7/2021	06:00:00 PM	0.135	23.232	61.396	130.737	1.356	109.7
4/7/2021	07:00:00 PM	-0.135	23.118	63.385	195.005	1.033	109.7
4/7/2021	08:00:00 PM	-1.083	22.769	65.977	208.382	0.393	109.7
4/7/2021	09:00:00 PM	-0.677	22.636	67.182	73.284	0.191	109.7
4/7/2021	10:00:00 PM	-0.812	22.486	69.593	178.174	0.74	109.7
4/7/2021	11:00:00 PM	-1.083	22.433	72.306	314.449	0.203	109.7
4/8/2021	12:00:00 AM	-1.896	22.296	72.889	290.053	0.389	109.7
4/8/2021	01:00:00 AM	-1.489	22.431	73.535	354.405	0.221	109.7
4/8/2021	02:00:00 AM	-2.302	22.326	73.853	120.35	0.189	109.7
4/8/2021	03:00:00 AM	-2.166	22.083	75.272	26.771	0.489	109.7
4/8/2021	04:00:00 AM	-2.302	21.949	74.915	156.731	0.385	109.7
4/8/2021	05:00:00 AM	-2.979	21.686	74.309	126.706	0.192	109.7
4/8/2021	06:00:00 AM	27.487	21.546	73.752	280.218	0.199	109.7
4/8/2021	07:00:00 AM	179.007	22.212	73.071	189.154	0.193	109.7
4/8/2021	08:00:00 AM	135	24.17	63.646	140.58	0.198	109.7
4/8/2021	09:00:00 AM	157.206	24.564	63.213	253.148	0.621	109.7
4/8/2021	10:00:00 AM	66.891	24.581	62.946	249.002	0.846	109.7
4/8/2021	11:00:00 AM	114.418	24.338	66.308	240.744	0.199	109.7
4/8/2021	12:00:00 PM	123.22	23.956	70.408	218.035	0.716	109.7
4/8/2021	01:00:00 PM	140.145	23.932	72.531	55.492	0.585	109.7
4/8/2021	02:00:00 PM	73.255	23.157	74.829	107.21	1.258	109.7
4/8/2021	03:00:00 PM	57.683	21.982	76.286	217.401	0.197	109.7
4/8/2021	04:00:00 PM	39.674	20.903	79.987	300.827	1.554	109.7
4/8/2021	05:00:00 PM	23.154	20.166	84.445	96.906	0.768	109.7
4/8/2021	06:00:00 PM	3.521	19.555	82.335	28.494	0.191	109.7
4/8/2021	07:00:00 PM	-3.927	19.332	85.478	15.047	1.135	109.7
4/8/2021	08:00:00 PM	-2.708	18.948	86.574	336.629	0.203	109.7
4/8/2021	09:00:00 PM	-1.354	18.784	84.371	310.996	0.2	109.7
4/8/2021	10:00:00 PM	-0.948	18.523	83.978	187.678	0.196	109.7
4/8/2021	11:00:00 PM	-1.625	18.12	86.169	111.003	0.193	109.7
4/9/2021	12:00:00 AM	-1.354	17.754	89.204	129.687	0.74	110.3
4/9/2021	01:00:00 AM	0.542	17.74	89.384	56.205	0.711	110.5
4/9/2021	02:00:00 AM	-0.677	17.924	89.644	100.685	0.193	110.5
4/9/2021	03:00:00 AM	-0.812	17.793	89.523	350.088	0.207	110.5
4/9/2021	04:00:00 AM	0	17.75	89.542	309.862	0.202	110.5
4/9/2021	05:00:00 AM	-0.406	17.83	88.68	102.71	1.223	110.5

4/9/2021	06:00:00 AM	3.927	17.621	88.876	74.483	0.191	110.6
4/9/2021	07:00:00 AM	20.446	17.796	86.952	76.858	0.195	110.6
4/9/2021	08:00:00 AM	43.059	18.139	85.982	89.131	0.189	110.6
4/9/2021	09:00:00 AM	32.633	18.538	83.668	105.037	1.606	110.6
4/9/2021	10:00:00 AM	55.787	18.337	87.767	101.014	0.681	110.6
4/9/2021	11:00:00 AM	119.293	18.552	85.796	117.798	0.192	110.6
4/9/2021	12:00:00 PM	87.472	18.395	85.621	9.67	1.507	110.6
4/9/2021	01:00:00 PM	97.763	18.265	84.694	104.982	0.435	110.6
4/9/2021	02:00:00 PM	94.92	18.085	85.504	231.356	0.408	110.6
4/9/2021	03:00:00 PM	76.369	17.717	87.903	197.779	0.198	110.6
4/9/2021	04:00:00 PM	59.849	17.799	83.69	162.342	0.908	110.6
4/9/2021	05:00:00 PM	34.799	17.986	82.544	100.809	0.393	110.6
4/9/2021	06:00:00 PM	5.958	18.173	81.214	114.164	0.515	110.6
4/9/2021	07:00:00 PM	0.406	18.383	81.573	103.42	0.192	110.6
4/9/2021	08:00:00 PM	0.135	18.418	81.877	11.427	0.187	110.6
4/9/2021	09:00:00 PM	-0.812	18.507	81.928	208.41	0.192	110.6
4/9/2021	10:00:00 PM	-1.76	18.344	84.329	157.429	0.456	110.6
4/9/2021	11:00:00 PM	-1.219	18.394	84.168	126.593	1.869	110.6
4/10/2021	12:00:00 AM	-1.219	18.268	86.158	47.097	1.067	110.6
4/10/2021	01:00:00 AM	0.677	18.502	84.648	52.018	0.785	110.6
4/10/2021	02:00:00 AM	1.219	18.832	83.845	155.152	0.897	110.6
4/10/2021	03:00:00 AM	0.135	18.92	84.629	134.182	0.189	110.6
4/10/2021	04:00:00 AM	-0.542	18.993	84.386	109.389	0.704	110.6
4/10/2021	05:00:00 AM	0.812	18.814	87.126	182.194	0.583	110.6
4/10/2021	06:00:00 AM	4.062	18.782	89.031	131.326	1.278	110.6
4/10/2021	07:00:00 AM	21.8	18.977	89.452	163.979	1.685	110.6
4/10/2021	08:00:00 AM	47.257	19.542	89.673	37.437	0.193	110.6
4/10/2021	09:00:00 AM	70.276	19.942	88.407	52.267	0.19	110.6
4/10/2021	10:00:00 AM	84.223	20.38	87.588	121.412	1.342	110.6
4/10/2021	11:00:00 AM	152.332	20.955	85.171	122.796	1.692	110.6
4/10/2021	12:00:00 PM	233.711	21.453	81.856	84.676	2.228	110.6
4/10/2021	01:00:00 PM	114.147	21.414	82.143	106.289	1.113	110.6
4/10/2021	02:00:00 PM	109.002	21.478	82.192	107.397	0.781	110.6
4/10/2021	03:00:00 PM	134.458	21.14	81.698	105.628	2.027	110.6
4/10/2021	04:00:00 PM	71.494	20.747	81.219	110.871	0.192	110.6
4/10/2021	05:00:00 PM	27.487	20.733	80.317	38.915	0.894	110.6
4/10/2021	06:00:00 PM	5.416	20.925	80.488	107.589	0.194	110.6
4/10/2021	07:00:00 PM	3.25	21.138	81.842	120.968	0.193	110.6
4/10/2021	08:00:00 PM	1.489	20.989	82.82	138.975	0.193	110.6
4/10/2021	09:00:00 PM	1.76	20.888	85.076	36.356	0.186	110.6
4/10/2021	10:00:00 PM	0.677	21.013	85.27	103.68	0.191	110.6
4/10/2021	11:00:00 PM	0.677	21.132	85.451	33.819	0.19	110.6
4/11/2021	12:00:00 AM	-1.76	20.925	85.994	240.847	0.195	110.6
4/11/2021	01:00:00 AM	-1.489	20.412	88.729	160.13	0.191	110.6
4/11/2021	02:00:00 AM	-0.135	21.532	90.186	71.198	1.248	110.6
4/11/2021	03:00:00 AM	0.542	22.09	86.618	119.936	0.192	110.6
4/11/2021	04:00:00 AM	-0.677	22.368	84.409	93.529	0.192	110.6
4/11/2021	05:00:00 AM	-0.406	22.68	82.496	117.131	0.653	110.6
4/11/2021	06:00:00 AM	25.186	21.237	85.528	289.434	0.198	110.6
4/11/2021	07:00:00 AM	170.882	22.242	85.055	94.719	0.192	110.6

4/11/2021 08:00:00 AM	274.874	23.543	79.407	254.699	0.567	110.6
4/11/2021 09:00:00 AM	640.2	28.247	62.749	74.488	0.192	110.6
4/11/2021 10:00:00 AM	724.287	29.109	57.465	134.198	1.271	110.6
4/11/2021 11:00:00 AM	610.681	30.572	52.984	57.414	0.548	110.6
4/11/2021 12:00:00 PM	615.556	30.987	50.189	113.101	0.995	110.6
4/11/2021 01:00:00 PM	545.822	31.565	50.028	119.929	0.199	110.6
4/11/2021 02:00:00 PM	796.052	31.766	49.932	85.313	0.81	110.6
4/11/2021 03:00:00 PM	160.862	31.329	50.708	163.921	0.97	110.6
4/11/2021 04:00:00 PM	173.455	30.916	50.952	220.205	0.206	110.6
4/11/2021 05:00:00 PM	88.691	28.92	56.147	97.467	0.196	110.6
4/11/2021 06:00:00 PM	8.124	28.001	59.535	185.737	0.343	110.6
4/11/2021 07:00:00 PM	-4.062	27.281	62.613	38.428	0.195	110.6
4/11/2021 08:00:00 PM	-3.656	26.901	63.829	182.579	0.2	110.6
4/11/2021 09:00:00 PM	-4.062	26.19	68.572	227.692	0.2	110.6
4/11/2021 10:00:00 PM	-1.354	25.617	75.582	276.098	1.252	110.6
4/11/2021 11:00:00 PM	-1.083	24.664	78.979	184.782	0.196	110.6
4/12/2021 12:00:00 AM	-1.76	24.386	81.289	291.966	0.202	110.6
4/12/2021 01:00:00 AM	-3.521	23.754	84.187	180.794	0.194	110.6
4/12/2021 02:00:00 AM	-1.354	23.378	85.279	262.344	0.2	110.6
4/12/2021 03:00:00 AM	-1.354	22.881	86.592	265.397	1.157	110.6
4/12/2021 04:00:00 AM	-2.166	22.303	88.443	184.813	0.193	110.6
4/12/2021 05:00:00 AM	0	21.919	89.365	191.668	0.196	110.6
4/12/2021 06:00:00 AM	35.07	22.031	88.241	268.183	1.099	110.6
4/12/2021 07:00:00 AM	215.702	24.207	81.476	288.29	0.201	110.6
4/12/2021 08:00:00 AM	430.997	25.409	74.229	328.37	0.717	110.6
4/12/2021 09:00:00 AM	720.631	26.45	69.885	260.044	1.235	110.6
4/12/2021 10:00:00 AM	809.999	29.619	57.025	346.147	0.209	110.6
4/12/2021 11:00:00 AM	910.064	31.215	50.321	232.847	0.2	110.6
4/12/2021 12:00:00 PM	951.227	32.199	45.567	119.969	0.243	110.6
4/12/2021 01:00:00 PM	872.421	33.238	48.02	163.56	0.2	110.6
4/12/2021 02:00:00 PM	773.033	33.414	45.512	83.28	0.2	110.6
4/12/2021 03:00:00 PM	293.696	30.196	55.702	300.196	0.204	110.6
4/12/2021 04:00:00 PM	190.245	30.239	54.115	47.609	0.196	110.6
4/12/2021 05:00:00 PM	109.002	30.1	49.453	296.127	0.65	110.6
4/12/2021 06:00:00 PM	7.989	28.989	55.218	258.796	0.546	110.6
4/12/2021 07:00:00 PM	-2.437	28.641	57.839	277.388	0.204	110.6
4/12/2021 08:00:00 PM	-1.625	26.604	71.195	106.197	0.195	110.6
4/12/2021 09:00:00 PM	-1.896	26.088	73.265	175.442	0.195	110.6
4/12/2021 10:00:00 PM	-0.677	25.196	77.364	1.815	0.181	110.6
4/12/2021 11:00:00 PM	-0.677	25.087	78.031	120.109	0.288	110.6
4/13/2021 12:00:00 AM	-0.542	24.714	80.169	155.896	0.193	110.6
4/13/2021 01:00:00 AM	-2.437	23.785	82.445	266.582	0.201	110.6
4/13/2021 02:00:00 AM	-0.406	23.263	84.315	149.362	0.199	110.6
4/13/2021 03:00:00 AM	-0.812	23.239	84.714	240.475	0.199	110.6
4/13/2021 04:00:00 AM	-1.489	23.108	85.881	110.455	0.194	110.6
4/13/2021 05:00:00 AM	-0.812	23.432	84.277	114.955	0.194	110.6
4/13/2021 06:00:00 AM	33.852	23.066	84.294	142.252	0.195	110.6
4/13/2021 07:00:00 AM	229.107	25.721	73.017	86.356	0.195	110.6
4/13/2021 08:00:00 AM	476.358	27.391	64.156	95.545	0.379	110.6
4/13/2021 09:00:00 AM	648.189	29.988	55.988	326.136	0.208	110.6

4/13/2021	10:00:00 AM	806.614	31.74	48.1	72.403	0.781	110.6
4/13/2021	11:00:00 AM	914.126	33.248	43.82	92.633	1.095	110.6
4/13/2021	12:00:00 PM	271.625	31.119	53.303	302.976	0.587	110.6
4/13/2021	01:00:00 PM	170.476	30.143	54.558	86.352	0.196	110.6
4/13/2021	02:00:00 PM	56.329	29.538	59.781	81.185	0.813	110.6
4/13/2021	03:00:00 PM	28.706	27.801	68.051	340.974	1.664	110.6
4/13/2021	04:00:00 PM	13.947	24.602	79.973	29.921	0.756	110.6
4/13/2021	05:00:00 PM	3.385	23.497	81.469	291.537	0.71	110.6
4/13/2021	06:00:00 PM	3.521	23.219	83.689	354.42	0.206	110.6
4/13/2021	07:00:00 PM	3.25	23.259	82.611	31.573	0.193	110.6
4/13/2021	08:00:00 PM	0.406	22.881	83.856	52.523	0.191	110.6
4/13/2021	09:00:00 PM	0.812	22.708	84.702	82.112	1.076	110.6
4/13/2021	10:00:00 PM	-0.406	22.18	86.984	244.979	0.201	110.6
4/13/2021	11:00:00 PM	0.948	22.132	86.848	171.835	0.197	110.6
4/14/2021	12:00:00 AM	-1.083	22.296	86.648	258.678	0.199	110.6
4/14/2021	01:00:00 AM	0.135	22.181	87.775	116.62	0.725	110.6
4/14/2021	02:00:00 AM	0.812	22.113	85.321	109.755	1.749	110.6
4/14/2021	03:00:00 AM	0.812	22.159	83.973	165.372	1.086	110.6
4/14/2021	04:00:00 AM	1.354	21.91	82.961	340.427	0.203	110.6
4/14/2021	05:00:00 AM	0.542	21.708	83.228	122.464	0.858	110.6
4/14/2021	06:00:00 AM	5.416	21.475	81.573	349.083	1.481	110.6
4/14/2021	07:00:00 AM	29.925	21.34	82.966	144.835	0.585	110.6
4/14/2021	08:00:00 AM	58.225	21.225	83.207	49.686	0.531	110.6
4/14/2021	09:00:00 AM	86.66	21.532	81.52	312.324	0.209	110.6
4/14/2021	10:00:00 AM	180.225	21.5	79.974	122.567	3.162	110.6
4/14/2021	11:00:00 AM	244.95	21.756	79.988	310.774	0.385	110.6
4/14/2021	12:00:00 PM	157.071	21.665	79.009	81.357	1.398	110.6
4/14/2021	01:00:00 PM	198.641	21.794	77.783	114.136	0.445	110.6
4/14/2021	02:00:00 PM	66.891	21.311	81.458	333.28	0.214	110.6
4/14/2021	03:00:00 PM	79.348	21.23	81.397	46.718	0.192	110.6
4/14/2021	04:00:00 PM	53.35	20.785	79.681	154.422	1.099	110.6
4/14/2021	05:00:00 PM	15.707	19.991	82.459	117.69	0.19	110.6
4/14/2021	06:00:00 PM	-1.76	19.407	83.744	134.016	1.132	110.6
4/14/2021	07:00:00 PM	-1.76	19.13	84.667	120.11	0.802	110.6
4/14/2021	08:00:00 PM	-1.354	19.571	82.998	188.768	1.074	110.6
4/14/2021	09:00:00 PM	-2.166	19.956	82.539	42.797	0.949	110.6
4/14/2021	10:00:00 PM	-0.406	20.456	81.79	28.026	0.708	110.6
4/14/2021	11:00:00 PM	-0.406	20.809	81.67	100.129	0.498	110.6
4/15/2021	12:00:00 AM	-0.271	21.178	81.127	88.525	0.877	110.6
4/15/2021	01:00:00 AM	-0.677	21.501	81.471	98.581	0.353	110.6
4/15/2021	02:00:00 AM	-0.812	21.26	82.251	46.511	0.298	110.6
4/15/2021	03:00:00 AM	1.625	21.506	81.889	128.008	0.497	110.6
4/15/2021	04:00:00 AM	-0.677	21.463	83.578	172.739	0.195	110.6
4/15/2021	05:00:00 AM	0.677	21.669	83.575	78.827	0.763	110.6
4/15/2021	06:00:00 AM	10.426	22.065	81.909	193.954	0.959	110.6
4/15/2021	07:00:00 AM	44.955	22.01	85.668	7.339	0.939	110.6
4/15/2021	08:00:00 AM	158.425	22.808	82.51	80.356	0.19	110.6
4/15/2021	09:00:00 AM	288.415	23.226	81.916	309.741	0.201	110.6
4/15/2021	10:00:00 AM	332.422	23.599	78.821	139.176	1.518	110.6
4/15/2021	11:00:00 AM	447.517	25.23	72.789	65.24	0.19	110.6

4/15/2021	12:00:00 PM	171.153	25.037	71.551	52.035	1.558	110.6
4/15/2021	01:00:00 PM	170.612	24.33	74.862	6.03	0.186	110.6
4/15/2021	02:00:00 PM	124.98	24.769	73.02	327.456	0.205	110.6
4/15/2021	03:00:00 PM	286.384	24.246	76.113	28.575	0.564	110.6
4/15/2021	04:00:00 PM	142.041	24.024	76.894	84.91	0.304	110.6
4/15/2021	05:00:00 PM	8.26	23.044	78.654	88.129	0.195	110.6
4/15/2021	06:00:00 PM	2.302	22.146	79.745	57.731	0.32	110.6
4/15/2021	07:00:00 PM	0.948	21.272	82.821	81.621	0.823	110.6
4/15/2021	08:00:00 PM	-1.219	20.876	81.994	120.852	0.918	110.6
4/15/2021	09:00:00 PM	-2.166	21.037	80.124	104.901	0.191	110.6
4/15/2021	10:00:00 PM	0.406	20.618	85.166	117.191	1.207	110.6
4/15/2021	11:00:00 PM	-0.135	20.903	84.804	104.695	0.193	110.6
4/16/2021	12:00:00 AM	-1.354	21.068	84.324	35.416	0.187	110.6
4/16/2021	01:00:00 AM	-1.489	20.978	85.951	165.289	0.193	110.6
4/16/2021	02:00:00 AM	-0.271	21.106	86.933	200.476	0.484	110.6
4/16/2021	03:00:00 AM	-2.302	21.118	87.699	142.298	0.194	110.6
4/16/2021	04:00:00 AM	-1.219	21.047	90.054	148.49	0.198	110.6
4/16/2021	05:00:00 AM	-0.271	21.361	88.364	280.538	0.201	110.6
4/16/2021	06:00:00 AM	15.03	21.619	86.986	16.485	0.187	110.6
4/16/2021	07:00:00 AM	48.882	21.561	85.838	270.94	0.203	110.6
4/16/2021	08:00:00 AM	129.854	21.86	83.377	118.24	0.772	110.6
4/16/2021	09:00:00 AM	306.559	22.902	78.961	242.094	0.198	110.6
4/16/2021	10:00:00 AM	1100.039	25.022	68.575	186.649	0.89	110.6
4/16/2021	11:00:00 AM	1079.728	25.722	64.528	123.225	0.709	110.6
4/16/2021	12:00:00 PM	585.902	26.155	64.773	119.166	0.198	110.6
4/16/2021	01:00:00 PM	688.269	26.676	64.713	208.479	0.202	110.6
4/16/2021	02:00:00 PM	794.021	27.292	62.784	238.08	0.753	110.6
4/16/2021	03:00:00 PM	604.453	28.232	57.606	19.962	0.697	110.6
4/16/2021	04:00:00 PM	197.693	27.135	63.177	144.599	0.2	110.6
4/16/2021	05:00:00 PM	67.568	25.533	67.96	135.384	0.574	110.6
4/16/2021	06:00:00 PM	3.791	24.016	74.409	82.404	0.193	110.6
4/16/2021	07:00:00 PM	-0.406	23.215	78.832	43.301	0.193	110.6
4/16/2021	08:00:00 PM	0.812	23.072	80.757	10.391	0.475	110.6
4/16/2021	09:00:00 PM	1.896	22.612	83.55	164.337	0.897	110.6
4/16/2021	10:00:00 PM	0.406	23.001	81.062	175.41	0.412	110.6
4/16/2021	11:00:00 PM	1.083	22.699	82.684	106.948	0.192	110.6
4/17/2021	12:00:00 AM	1.489	22.699	83.083	185.767	0.196	110.6
4/17/2021	01:00:00 AM	-0.135	22.538	84.408	135.112	0.645	110.6
4/17/2021	02:00:00 AM	1.083	22.533	85.927	111.404	0.193	110.6
4/17/2021	03:00:00 AM	0.812	22.499	86.277	135.508	0.838	110.6
4/17/2021	04:00:00 AM	1.76	22.386	85.857	172.611	0.197	110.6
4/17/2021	05:00:00 AM	0.406	22.518	85.633	134.745	0.196	110.6
4/17/2021	06:00:00 AM	9.478	22.615	81.582	28.631	0.193	110.6
4/17/2021	07:00:00 AM	25.863	22.277	80.753	89.026	0.195	110.6
4/17/2021	08:00:00 AM	68.922	21.894	83.456	32.969	0.672	110.8
4/17/2021	09:00:00 AM	126.875	22.307	82.077	6.746	0.665	110.8
4/17/2021	10:00:00 AM	412.041	23.802	76.575	29.053	0.257	110.8
4/17/2021	11:00:00 AM	896.523	26.839	54.123	108.822	0.844	110.8
4/17/2021	12:00:00 PM	622.732	27.832	45.406	165.908	0.321	110.8
4/17/2021	01:00:00 PM	1017.712	28.057	45.546	133.22	0.833	110.8



4/17/2021	02:00:00 PM	921.709	28.065	42.677	99.535	1.706	110.8
4/17/2021	03:00:00 PM	648.73	27.587	47.136	175.127	0.97	110.8
4/17/2021	04:00:00 PM	372.096	27.053	51.393	174.321	0.698	110.8
4/17/2021	05:00:00 PM	175.215	25.766	53.094	319.591	0.205	110.8
4/17/2021	06:00:00 PM	10.968	24.922	54.776	109.42	0.621	110.8
4/17/2021	07:00:00 PM	-2.302	24.258	58.658	131.991	0.195	110.8
4/17/2021	08:00:00 PM	-2.031	23.944	63.355	90.212	1.193	110.8
4/17/2021	09:00:00 PM	-2.844	23.261	68.858	141.965	0.787	110.8
4/17/2021	10:00:00 PM	-2.166	23.145	70.143	116.719	0.399	110.8
4/17/2021	11:00:00 PM	-2.166	22.978	71.137	200.033	0.462	110.8
4/18/2021	12:00:00 AM	-2.573	22.63	70.464	93.509	0.924	110.8
4/18/2021	01:00:00 AM	-0.948	22.499	65.971	78.682	0.193	110.8
4/18/2021	02:00:00 AM	0	22.773	63.972	319.049	0.936	110.8
4/18/2021	03:00:00 AM	-0.406	22.682	64.231	166.508	0.676	110.8
4/18/2021	04:00:00 AM	-0.542	22.289	67.446	153.158	1.446	110.8
4/18/2021	05:00:00 AM	0.135	22.217	68.471	356.562	0.202	110.8
4/18/2021	06:00:00 AM	26.269	22.062	68.669	71.092	0.193	110.8
4/18/2021	07:00:00 AM	104.127	22.513	67.22	103.857	0.197	110.8
4/18/2021	08:00:00 AM	275.822	23.683	58.649	302.003	0.203	110.8
4/18/2021	09:00:00 AM	576.288	23.892	52.604	133.049	1.293	110.8
4/18/2021	10:00:00 AM	183.204	23.597	52.477	97.249	2.255	110.8
4/18/2021	11:00:00 AM	469.453	23.957	48.868	356.552	0.69	110.8
4/18/2021	12:00:00 PM	613.66	25.102	46.062	315.609	0.272	110.8
4/18/2021	01:00:00 PM	552.727	24.24	47.148	120.531	1.633	110.8
4/18/2021	02:00:00 PM	765.586	24.202	46.004	105.523	1.942	110.8
4/18/2021	03:00:00 PM	303.174	23.377	48.061	130.644	0.275	110.8
4/18/2021	04:00:00 PM	214.889	23.263	48.141	161.549	0.702	110.8
4/18/2021	05:00:00 PM	42.924	22.382	50.316	109.036	0.948	110.8
4/18/2021	06:00:00 PM	3.656	22.046	51.148	72.905	1.043	110.8
4/18/2021	07:00:00 PM	-0.812	21.755	52.641	63.719	1.63	110.8
4/18/2021	08:00:00 PM	-1.896	21.476	53.08	120.822	1.094	110.8
4/18/2021	09:00:00 PM	-0.542	21.414	53.194	134.161	2.413	110.8
4/18/2021	10:00:00 PM	-0.135	21.452	53.011	140.084	0.429	110.8
4/18/2021	11:00:00 PM	-0.677	21.399	55.567	178.489	0.195	110.8
4/19/2021	12:00:00 AM	-2.166	21.279	56.609	96.017	1.361	110.8
4/19/2021	01:00:00 AM	-0.271	21.178	57.691	29.823	1.002	110.8
4/19/2021	02:00:00 AM	-1.083	21.177	58.275	58.305	1.21	110.8
4/19/2021	03:00:00 AM	-0.542	21.297	59.124	40.834	1.601	110.8
4/19/2021	04:00:00 AM	-1.489	21.515	59.292	48.12	0.469	110.8
4/19/2021	05:00:00 AM	-1.625	21.53	59.8	170.439	1.614	110.8
4/19/2021	06:00:00 AM	22.477	21.769	59.722	140.759	1.612	110.8
4/19/2021	07:00:00 AM	102.096	22.587	57.632	172.542	1.309	110.8
4/19/2021	08:00:00 AM	257.407	24.05	57.022	162.001	0.195	110.8
4/19/2021	09:00:00 AM	238.044	25.095	52.42	25.383	1.538	110.8
4/19/2021	10:00:00 AM	388.209	25.279	48.5	216.485	0.667	110.8
4/19/2021	11:00:00 AM	790.907	26.778	49.402	75.06	1.278	110.8
4/19/2021	12:00:00 PM	461.87	25.914	55.801	81.916	2.013	110.8
4/19/2021	01:00:00 PM	404.322	24.59	63.496	202.108	0.286	110.8
4/19/2021	02:00:00 PM	163.435	24.32	64.525	151.11	0.195	110.8
4/19/2021	03:00:00 PM	137.437	24.55	64.076	64.344	0.202	110.8

4/19/2021	04:00:00 PM	67.161	24.07	64.614	215.874	0.208	110.8
4/19/2021	05:00:00 PM	32.091	23.647	67.024	16.634	1.239	110.8
4/19/2021	06:00:00 PM	9.208	23.536	67.822	85.731	0.2	110.8
4/19/2021	07:00:00 PM	-2.708	23.505	67.122	153.721	0.254	110.8
4/19/2021	08:00:00 PM	-1.083	23.742	64.286	86.886	1.576	110.8
4/19/2021	09:00:00 PM	-1.354	23.962	62.982	76.24	0.327	110.8
4/19/2021	10:00:00 PM	-2.573	24.069	61.093	220.391	1.297	110.8
4/19/2021	11:00:00 PM	-2.844	23.954	59.545	178.67	0.201	110.8
4/20/2021	12:00:00 AM	-2.844	23.568	60.712	88.962	1.315	110.8
4/20/2021	01:00:00 AM	-2.302	23.598	61.393	206.543	0.218	110.8
4/20/2021	02:00:00 AM	-3.656	23.164	62.558	139.61	0.513	110.8
4/20/2021	03:00:00 AM	-1.083	22.754	65.71	108.371	1.377	110.8
4/20/2021	04:00:00 AM	-2.708	22.664	66.281	44.539	1.308	110.8
4/20/2021	05:00:00 AM	-1.219	22.616	66.133	138.273	1.215	110.8
4/20/2021	06:00:00 AM	67.974	22.76	66.616	175.496	0.867	110.8
4/20/2021	07:00:00 AM	305.882	24.708	58.409	128.971	0.856	110.8
4/20/2021	08:00:00 AM	451.173	26.136	51.078	179.098	1.052	110.8
4/20/2021	09:00:00 AM	764.503	27.837	44.358	227.346	0.202	110.8
4/20/2021	10:00:00 AM	910.47	28.644	40.267	226.762	1.054	110.8
4/20/2021	11:00:00 AM	1004.713	28.938	41.272	331.575	0.759	110.8
4/20/2021	12:00:00 PM	1017.847	29.976	39.405	285.151	0.204	110.8
4/20/2021	01:00:00 PM	975.465	29.909	41.101	198.575	3.13	110.8
4/20/2021	02:00:00 PM	534.312	29.05	42.927	117.944	3.505	110.8
4/20/2021	03:00:00 PM	709.392	27.918	47.94	106.963	3.096	110.8
4/20/2021	04:00:00 PM	215.025	27.2	49.903	113.424	1.183	110.8
4/20/2021	05:00:00 PM	226.805	26.6	50.869	168.109	0.733	110.8
4/20/2021	06:00:00 PM	12.322	25.807	54.635	60.696	1.355	110.8
4/20/2021	07:00:00 PM	-2.979	25.316	55.417	87.891	1.779	110.8
4/20/2021	08:00:00 PM	-2.166	25.223	57.327	99.746	0.882	110.8
4/20/2021	09:00:00 PM	-3.521	25.266	57.689	150.184	2.816	110.8
4/20/2021	10:00:00 PM	-2.708	25.112	58.911	40.687	0.958	110.8
4/20/2021	11:00:00 PM	-2.302	25.038	60.376	137.433	1.798	110.8
4/21/2021	12:00:00 AM	-2.708	25.004	60.958	115.374	0.897	110.8
4/21/2021	01:00:00 AM	-4.333	24.683	62.518	91.915	1.039	110.8
4/21/2021	02:00:00 AM	-2.979	24.63	63.491	125.148	1.916	110.8
4/21/2021	03:00:00 AM	-2.979	24.392	65.76	285.608	0.202	110.8
4/21/2021	04:00:00 AM	-3.656	24.208	66.987	217.819	0.535	110.8
4/21/2021	05:00:00 AM	-3.927	24.081	67.728	126.316	1.293	110.8
4/21/2021	06:00:00 AM	40.622	24.163	67.027	356.229	0.972	110.8
4/21/2021	07:00:00 AM	290.717	25.907	58.777	354.99	1.333	110.8
4/21/2021	08:00:00 AM	530.385	27.342	52.935	355.783	1.842	110.8
4/21/2021	09:00:00 AM	759.086	27.934	48.947	96.848	1.672	110.8
4/21/2021	10:00:00 AM	985.485	29.268	45.39	346.353	0.707	110.8
4/21/2021	11:00:00 AM	998.89	30.238	43.355	141.086	3.08	110.8
4/21/2021	12:00:00 PM	1014.191	30.537	42.47	72.252	0.513	110.8
4/21/2021	01:00:00 PM	967.205	31.407	42.014	200.578	1.932	110.8
4/21/2021	02:00:00 PM	860.235	31.29	47.315	88.543	0.763	110.8
4/21/2021	03:00:00 PM	716.975	29.621	54.439	14.172	1.135	110.8
4/21/2021	04:00:00 PM	485.972	28.41	61.285	136.091	0.26	110.8
4/21/2021	05:00:00 PM	238.856	27.967	66.007	101.732	3.125	110.8

4/21/2021 06:00:00 PM	13.947	27.179	71.287	67.552	0.89	110.8
4/21/2021 07:00:00 PM	-1.083	26.181	77.149	2.918	0.589	110.8
4/21/2021 08:00:00 PM	-0.271	25.899	80.241	334.431	0.702	110.8
4/21/2021 09:00:00 PM	-0.406	25.684	82.357	138.901	0.856	110.8
4/21/2021 10:00:00 PM	-0.812	25.941	81.687	347.216	0.594	110.8
4/21/2021 11:00:00 PM	-0.677	25.53	84.096	173.029	0.271	110.8
4/22/2021 12:00:00 AM	-0.812	25.377	86.208	160.552	0.781	110.8
4/22/2021 01:00:00 AM	-1.76	25.459	86.164	353.711	0.205	110.8
4/22/2021 02:00:00 AM	-2.166	25.503	86.167	40.919	0.192	110.8
4/22/2021 03:00:00 AM	-0.677	25.707	85.994	156.939	0.764	110.8
4/22/2021 04:00:00 AM	-1.625	25.617	86.548	40.732	0.39	110.8
4/22/2021 05:00:00 AM	-0.948	25.657	85.703	79.015	0.195	110.8
4/22/2021 06:00:00 AM	38.32	25.834	85.824	67.159	0.554	110.8
4/22/2021 07:00:00 AM	369.929	26.91	81.303	173.186	0.198	110.8
4/22/2021 08:00:00 AM	226.534	29.604	67.483	58.337	0.196	110.8
4/22/2021 09:00:00 AM	785.761	31.084	61.199	112.983	0.806	110.8
4/22/2021 10:00:00 AM	711.694	31.241	58.751	64.192	2.462	110.8
4/22/2021 11:00:00 AM	554.082	30.89	60.872	55.158	1.532	110.8
4/22/2021 12:00:00 PM	793.615	31.662	56.683	221.259	0.203	110.8
4/22/2021 01:00:00 PM	692.06	32.306	54.133	81.914	0.796	110.8
4/22/2021 02:00:00 PM	341.223	31.556	56.094	36.067	1.268	110.8
4/22/2021 03:00:00 PM	432.893	32.195	55.016	4.778	1.059	110.8
4/22/2021 04:00:00 PM	553.675	32.577	55.302	22.246	0.754	110.8
4/22/2021 05:00:00 PM	184.423	31.242	59.391	204.895	0.81	110.8
4/22/2021 06:00:00 PM	12.593	30.096	62.52	91.411	1.536	110.8
4/22/2021 07:00:00 PM	-0.271	29.533	64.367	148.582	0.587	110.8
4/22/2021 08:00:00 PM	-1.083	28.907	68.059	18.406	0.195	110.8
4/22/2021 09:00:00 PM	-1.489	28.319	72.012	134.001	0.877	110.8
4/22/2021 10:00:00 PM	-1.083	27.962	73.376	74.126	0.195	110.8
4/22/2021 11:00:00 PM	-1.083	27.52	74.902	36.007	0.195	110.8
4/23/2021 12:00:00 AM	-0.271	27.018	76.468	262.468	0.957	110.8
4/23/2021 01:00:00 AM	0.271	26.366	78.841	122.52	0.197	110.8
4/23/2021 02:00:00 AM	2.166	25.948	79.585	344.795	0.205	110.8
4/23/2021 03:00:00 AM	0.677	26.173	78.879	98.14	0.193	110.8
4/23/2021 04:00:00 AM	1.896	26.169	79.379	255.4	1.215	110.8
4/23/2021 05:00:00 AM	1.354	26.308	79.962	236.518	0.199	110.8
4/23/2021 06:00:00 AM	17.603	25.934	82.877	330.259	0.202	110.8
4/23/2021 07:00:00 AM	39.403	26.104	80.388	249.703	0.638	110.8
4/23/2021 08:00:00 AM	140.551	25.521	83.307	10.76	0.304	110.8
4/23/2021 09:00:00 AM	421.248	27.218	75.913	133.226	0.198	110.8
4/23/2021 10:00:00 AM	392.136	28.065	70.469	256.315	2.53	110.8
4/23/2021 11:00:00 AM	227.211	28.726	67.423	149.504	0.516	110.8
4/23/2021 12:00:00 PM	41.299	26.72	72.696	191.722	0.2	110.8
4/23/2021 01:00:00 PM	413.124	28.292	67.2	325.493	0.654	112.4
4/23/2021 02:00:00 PM	211.098	27.892	67.854	28.642	0.564	112.4
4/23/2021 03:00:00 PM	210.963	28.9	60.958	70.313	0.197	112.4
4/23/2021 04:00:00 PM	458.62	28.556	60.204	124.937	1.013	112.4
4/23/2021 05:00:00 PM	86.66	27.3	66.346	201.304	0.719	112.4
4/23/2021 06:00:00 PM	10.832	26.276	70.834	203.353	0.281	112.4
4/23/2021 07:00:00 PM	-1.354	24.955	77.712	11.235	0.197	112.4

4/23/2021	08:00:00 PM	-0.271	24.764	78.153	161.007	0.982	112.4
4/23/2021	09:00:00 PM	0.542	24.59	79.536	179.348	1.075	112.4
4/23/2021	10:00:00 PM	0.948	24.514	81.185	134.577	0.806	112.4
4/23/2021	11:00:00 PM	1.489	24.585	82.592	138.035	0.635	112.4
4/24/2021	12:00:00 AM	1.354	24.983	80.481	135.319	0.81	112.4
4/24/2021	01:00:00 AM	-4.468	24.949	83.022	95.637	0.195	112.4
4/24/2021	02:00:00 AM	-3.385	24.398	86.488	131.567	2.141	112.5
4/24/2021	03:00:00 AM	-0.677	24.457	85.886	102.024	0.194	112.6
4/24/2021	04:00:00 AM	-0.677	24.515	85.513	57.139	0.194	112.6
4/24/2021	05:00:00 AM	-0.271	24.747	84.982	115.542	0.868	112.6
4/24/2021	06:00:00 AM	47.934	24.726	85.235	197.46	0.199	112.6
4/24/2021	07:00:00 AM	150.978	25.061	77.79	248.1	1.542	112.6
4/24/2021	08:00:00 AM	337.432	26.61	73.536	100.564	0.598	112.6
4/24/2021	09:00:00 AM	767.617	27.919	67.717	128.788	0.716	112.6
4/24/2021	10:00:00 AM	1005.932	29.195	59.606	46.454	0.54	112.6
4/24/2021	11:00:00 AM	478.931	30.318	55.849	190.658	1.063	112.6
4/24/2021	12:00:00 PM	571.007	30.64	56.473	56.937	0.195	112.6
4/24/2021	01:00:00 PM	975.601	30.793	54.755	160.018	0.68	112.6
4/24/2021	02:00:00 PM	419.082	30.603	57.182	83.19	0.563	112.6
4/24/2021	03:00:00 PM	492.743	29.089	60.8	110.477	0.624	112.6
4/24/2021	04:00:00 PM	209.879	28.973	58.881	14.743	0.552	112.6
4/24/2021	05:00:00 PM	80.431	27.522	64.479	158.313	1.926	112.6
4/24/2021	06:00:00 PM	15.707	26.833	67.027	327.837	0.208	112.6
4/24/2021	07:00:00 PM	0.542	25.825	75.065	40.558	0.802	112.6
4/24/2021	08:00:00 PM	-1.354	25.581	75.848	91.71	0.194	112.6
4/24/2021	09:00:00 PM	-1.625	25.519	73.322	93.037	0.694	112.6
4/24/2021	10:00:00 PM	-2.979	25.206	74.008	113.526	0.596	112.6
4/24/2021	11:00:00 PM	-1.625	24.54	77.05	125.347	0.746	112.6
4/25/2021	12:00:00 AM	-2.031	24.429	77.028	92.272	1.238	112.6
4/25/2021	01:00:00 AM	-0.406	24.535	77.128	121.68	0.197	112.6
4/25/2021	02:00:00 AM	1.354	24.789	74.131	161.632	1.203	112.6
4/25/2021	03:00:00 AM	0.542	24.728	73.728	87.475	0.194	112.6
4/25/2021	04:00:00 AM	-1.083	24.692	72.524	82.076	0.569	112.6
4/25/2021	05:00:00 AM	-0.406	24.549	72.331	131.868	0.827	112.6
4/25/2021	06:00:00 AM	25.592	24.798	70.094	159.044	0.413	112.6
4/25/2021	07:00:00 AM	116.991	25.176	69.414	338.96	0.207	112.6
4/25/2021	08:00:00 AM	137.979	25.955	66.98	103.038	1.071	112.6
4/25/2021	09:00:00 AM	200.672	27.138	66.706	170.079	0.855	112.6
4/25/2021	10:00:00 AM	140.416	25.658	68.392	149.484	0.679	112.6
4/25/2021	11:00:00 AM	179.007	25.794	65.127	142.753	0.483	112.6
4/25/2021	12:00:00 PM	251.991	26.848	59.513	153.09	0.202	112.6
4/25/2021	01:00:00 PM	166.956	27.066	59.551	288.691	0.204	112.6
4/25/2021	02:00:00 PM	118.887	26.937	62.51	297.433	0.207	112.6
4/25/2021	03:00:00 PM	105.617	25.999	65.497	55.606	1.286	112.6
4/25/2021	04:00:00 PM	72.307	24.691	74.309	157.283	0.584	113
4/25/2021	05:00:00 PM	25.456	24.376	75.178	249.807	0.203	113.1
4/25/2021	06:00:00 PM	5.01	24.086	78.645	287.564	0.202	113.1
4/25/2021	07:00:00 PM	-3.521	24.009	76.663	108.569	0.197	113.1
4/25/2021	08:00:00 PM	1.625	23.625	77.587	106.777	0.57	113.1
4/25/2021	09:00:00 PM	0.677	23.571	76.989	118.434	1.121	113.1

4/25/2021	10:00:00 PM	1.489	23.746	72.359	302.164	0.208	113.1
4/25/2021	11:00:00 PM	0.542	23.745	72.138	7.52	0.186	113.1
4/26/2021	12:00:00 AM	0.812	24.059	69.066	156.329	0.534	113.1
4/26/2021	01:00:00 AM	1.625	23.713	70.529	340.39	0.696	113.1
4/26/2021	02:00:00 AM	1.219	23.237	74.349	169.378	1.116	113.1
4/26/2021	03:00:00 AM	0.271	23.637	66.945	214.681	0.553	113.1
4/26/2021	04:00:00 AM	-0.135	23.361	67.513	100.966	0.263	113.1
4/26/2021	05:00:00 AM	1.219	23.205	73.663	186.074	0.896	113.1
4/26/2021	06:00:00 AM	29.925	23.777	68.111	5.533	0.183	113.1
4/26/2021	07:00:00 AM	149.759	24.441	66.508	269.139	0.544	113.1
4/26/2021	08:00:00 AM	346.098	26.353	60.61	147.457	0.198	113.1
4/26/2021	09:00:00 AM	787.792	28.247	56.582	112.739	0.626	113.1
4/26/2021	10:00:00 AM	278.936	27.6	58.325	127.661	0.836	113.1
4/26/2021	11:00:00 AM	1019.201	27.707	57.329	116.687	0.598	113.1
4/26/2021	12:00:00 PM	1030.846	29.432	44.736	119.227	0.992	113.1
4/26/2021	01:00:00 PM	1007.286	28.584	48.976	20.62	0.664	113.1
4/26/2021	02:00:00 PM	889.482	29.349	44.184	342.933	0.673	113.1
4/26/2021	03:00:00 PM	661.052	28.977	45.855	20.677	1.646	113.1
4/26/2021	04:00:00 PM	398.365	28.9	44.79	153.575	1.734	113.1
4/26/2021	05:00:00 PM	76.911	28.219	47.602	157.548	0.197	113.1
4/26/2021	06:00:00 PM	13.947	27.007	52.949	160.354	0.654	113.1
4/26/2021	07:00:00 PM	-0.542	26.589	53.68	144.451	0.202	113.1
4/26/2021	08:00:00 PM	-0.135	26.394	54.204	78.062	0.754	113.1
4/26/2021	09:00:00 PM	0	26.328	55.699	72.62	1.16	113.1
4/26/2021	10:00:00 PM	-0.948	26.266	54.419	112.24	1.461	113.1
4/26/2021	11:00:00 PM	-1.354	26.188	52.492	155.813	0.833	113.1
4/27/2021	12:00:00 AM	-0.542	26.269	51.89	98.696	0.195	113.1
4/27/2021	01:00:00 AM	0.406	26.282	51.645	238.365	0.568	113.1
4/27/2021	02:00:00 AM	-1.76	26.079	53.194	126.09	0.193	113.1
4/27/2021	03:00:00 AM	-1.219	25.656	55.503	69.593	0.195	113.1
4/27/2021	04:00:00 AM	-0.135	24.995	58.232	266.526	0.889	113.1
4/27/2021	05:00:00 AM	-0.812	24.713	58.382	264.025	0.203	113.1
4/27/2021	06:00:00 AM	43.465	24.663	58.997	266.794	1.805	113.1
4/27/2021	07:00:00 AM	136.218	28.006	49.169	149.793	0.562	113.1
4/27/2021	08:00:00 AM	274.333	28.337	50.282	232.88	0.203	113.1
4/27/2021	09:00:00 AM	636.544	29.756	46.929	85.141	0.774	113.1
4/27/2021	10:00:00 AM	666.469	30.707	45.867	166.591	0.75	113.1
4/27/2021	11:00:00 AM	867.005	30.863	47.654	192.348	0.203	113.1
4/27/2021	12:00:00 PM	359.774	30.82	47.296	92.828	0.622	113.1
4/27/2021	01:00:00 PM	-1.219	28.819	63.597	15.332	0.32	113.1
4/27/2021	02:00:00 PM	14.353	24.966	82.937	132.689	1.022	114.3
4/27/2021	03:00:00 PM	18.144	23.988	88.685	212.202	1.409	118
4/27/2021	04:00:00 PM	67.568	24.409	87.238	43.712	0.196	118.6
4/27/2021	05:00:00 PM	64.995	25.301	83.86	92.479	0.197	118.6
4/27/2021	06:00:00 PM	9.343	25.112	84.195	104.495	0.783	118.6
4/27/2021	07:00:00 PM	2.437	24.746	84.643	195.89	0.591	118.6
4/27/2021	08:00:00 PM	-2.302	24.495	83.777	278.72	1.124	118.6
4/27/2021	09:00:00 PM	1.896	24.277	85.391	217.801	1.077	118.6
4/27/2021	10:00:00 PM	2.166	24.452	83.255	268.137	0.991	118.6
4/27/2021	11:00:00 PM	0.406	24.214	83.594	242.004	0.288	118.6

4/28/2021 12:00:00 AM	0	23.972	84.581	210.452	0.716	118.6
4/28/2021 01:00:00 AM	2.031	23.778	84.198	39.005	0.193	118.6
4/28/2021 02:00:00 AM	1.354	23.722	83.755	267.188	1.292	118.6
4/28/2021 03:00:00 AM	0.271	23.679	84.396	298.975	0.906	118.6
4/28/2021 04:00:00 AM	0.542	23.822	82.988	293.288	0.205	118.6
4/28/2021 05:00:00 AM	-2.708	23.759	84.678	122.071	0.196	118.6
4/28/2021 06:00:00 AM	8.801	23.515	87.492	241.162	0.196	118.6
4/28/2021 07:00:00 AM	30.602	23.737	85.258	245.614	0.2	118.6
4/28/2021 08:00:00 AM	109.95	23.778	89.263	18.18	0.192	120.9
4/28/2021 09:00:00 AM	168.851	23.492	90.929	287.389	0.201	121.9
4/28/2021 10:00:00 AM	238.315	24.42	86.949	74.678	0.191	122.4
4/28/2021 11:00:00 AM	266.75	24.61	87.997	65.269	0.193	123.8
4/28/2021 12:00:00 PM	152.738	25.408	83.737	118.991	0.556	123.9
4/28/2021 01:00:00 PM	99.659	25.472	84.385	304.451	0.202	124.1
4/28/2021 02:00:00 PM	148.811	25.308	86.23	129.427	0.199	124.9
4/28/2021 03:00:00 PM	29.112	24.644	86.246	171.67	0.198	125.2
4/28/2021 04:00:00 PM	29.383	24.014	89.079	297.767	0.201	126.3
4/28/2021 05:00:00 PM	9.478	23.714	90.447	183.898	0.197	127.5
4/28/2021 06:00:00 PM	2.573	23.367	91.466	91.661	0.196	129
4/28/2021 07:00:00 PM	0	23.384	91.347	109.452	0.193	130
4/28/2021 08:00:00 PM	0.542	23.424	91.589	89.554	0.194	130.3
4/28/2021 09:00:00 PM	1.489	23.302	91.526	148.466	0.242	130.7
4/28/2021 10:00:00 PM	1.896	23.459	91.55	101.283	0.194	130.8
4/28/2021 11:00:00 PM	0.677	23.341	91.246	160.054	0.199	130.9
4/29/2021 12:00:00 AM	2.708	23.199	91.123	236.29	0.2	131
4/29/2021 01:00:00 AM	1.083	23.5	91.65	187.765	0.199	131.8
4/29/2021 02:00:00 AM	1.354	23.302	92.026	29.269	0.191	132.6
4/29/2021 03:00:00 AM	1.083	23.302	92.751	81.069	0.193	134.3
4/29/2021 04:00:00 AM	1.489	23.079	94.177	184.353	0.588	138.5
4/29/2021 05:00:00 AM	1.896	21.314	93.762	221.636	0.196	149.1
4/29/2021 06:00:00 AM	8.801	20.952	92.587	163.366	0.69	153.4
4/29/2021 07:00:00 AM	56.6	20.716	90.452	81.347	1.036	154.7
4/29/2021 08:00:00 AM	30.602	21.133	87.946	209.37	0.308	154.8
4/29/2021 09:00:00 AM	77.723	20.697	89.331	137.984	0.199	155.3
4/29/2021 10:00:00 AM	93.024	21.189	89.877	132.89	0.956	155.9
4/29/2021 11:00:00 AM	160.185	21.676	86.532	191.188	0.487	156.1
4/29/2021 12:00:00 PM	216.65	21.654	85.554	201.22	0.196	156.3
4/29/2021 01:00:00 PM	127.959	22.022	85.978	32.881	0.195	156.4
4/29/2021 02:00:00 PM	147.728	22.211	80.76	298.636	0.201	156.4
4/29/2021 03:00:00 PM	103.044	22.775	77.274	132.104	0.194	156.4
4/29/2021 04:00:00 PM	203.244	22.841	71.068	5.542	0.646	156.7
4/29/2021 05:00:00 PM	51.861	23.17	63.347	222.45	0.197	156.7
4/29/2021 06:00:00 PM	12.864	21.954	71.325	69.75	0.76	156.7
4/29/2021 07:00:00 PM	-3.927	21.268	79.219	122.206	0.194	156.7
4/29/2021 08:00:00 PM	-2.708	20.382	80.686	120.988	0.192	156.7
4/29/2021 09:00:00 PM	-3.521	19.733	82.52	142.809	0.982	156.7
4/29/2021 10:00:00 PM	-3.521	18.977	83.662	98.276	0.885	156.7
4/29/2021 11:00:00 PM	-3.385	18.375	81.414	24.727	0.191	156.7
4/30/2021 12:00:00 AM	-3.521	17.797	80.101	312.154	0.944	156.7
4/30/2021 01:00:00 AM	-4.062	17.473	77.911	68.449	0.871	156.7

4/30/2021 02:00:00 AM	-3.791	17.428	74.289	342.976	0.203	156.7
4/30/2021 03:00:00 AM	-3.25	17.001	76.983	120.972	0.386	156.7
4/30/2021 04:00:00 AM	-2.844	16.965	78.648	161.754	0.195	156.7
4/30/2021 05:00:00 AM	-0.677	16.954	80.437	160.138	0.529	156.7
4/30/2021 06:00:00 AM	57.141	17.501	80.97	298.164	0.198	156.7
4/30/2021 07:00:00 AM	335.401	21.592	66.397	344.726	0.205	156.7
4/30/2021 08:00:00 AM	578.861	24.731	53.795	103.527	0.192	156.7
4/30/2021 09:00:00 AM	812.842	26.176	53.275	255.786	1.331	156.7
4/30/2021 10:00:00 AM	962.872	29.198	44.835	59.346	0.194	156.7
4/30/2021 11:00:00 AM	1042.762	30.421	37.952	152.511	0.757	156.7
4/30/2021 12:00:00 PM	1026.242	32.871	35.235	221.443	0.201	156.7
4/30/2021 01:00:00 PM	951.092	33.603	32.161	75.17	0.205	156.7
4/30/2021 02:00:00 PM	904.106	33.271	45.717	166.221	0.731	156.7
4/30/2021 03:00:00 PM	639.658	33.048	47.874	105.562	0.326	156.7
4/30/2021 04:00:00 PM	412.447	31.532	50.012	141.556	0.201	156.7
4/30/2021 05:00:00 PM	190.787	30.322	50.11	59.152	0.198	156.7
4/30/2021 06:00:00 PM	14.895	28.657	53.594	120.356	0.196	156.7
4/30/2021 07:00:00 PM	-4.062	27.118	63.594	123.523	0.195	156.7
4/30/2021 08:00:00 PM	-2.031	26.147	67.168	117.622	0.491	156.7
4/30/2021 09:00:00 PM	-2.437	24.501	72.673	145.972	0.195	156.7
4/30/2021 10:00:00 PM	-0.948	24.202	73.375	124.095	0.653	156.7
4/30/2021 11:00:00 PM	-1.489	23.917	74.948	107.299	0.686	156.7