

	Pyranometer [W/m ²]	Temperature [°C]	RH [%RH]	Wind Direction [angle]	Wind Speed [m/s]	Rain sensor [mm]
11/1/2021 02:00:00 AM	0.406	23.843	79.424	38.216	0.404	334.4
11/1/2021 03:00:00 AM	0.135	23.871	78.562	93.978	0.194	334.4
11/1/2021 04:00:00 AM	-0.135	23.839	76.469	151.213	0.567	334.4
11/1/2021 05:00:00 AM	2.166	24.045	76.048	107.767	0.426	334.4
11/1/2021 06:00:00 AM	0.948	24.226	75.547	160.706	0.196	334.4
11/1/2021 07:00:00 AM	48.069	24.415	74.982	187.811	0.66	334.4
11/1/2021 08:00:00 AM	156.123	25.212	76.757	209.505	0.202	334.4
11/1/2021 09:00:00 AM	358.284	26.516	68.522	135.103	0.694	334.4
11/1/2021 10:00:00 AM	328.901	27.091	64.251	116.335	1.216	334.4
11/1/2021 11:00:00 AM	407.708	27.334	67.644	154.083	0.244	334.4
11/1/2021 12:00:00 PM	141.77	26.037	69.99	84.976	0.637	334.4
11/1/2021 01:00:00 PM	118.48	25.435	72.979	178.984	0.613	334.4
11/1/2021 02:00:00 PM	160.862	24.64	74.824	116.558	0.883	334.4
11/1/2021 03:00:00 PM	127.553	24.899	71.534	126.137	0.677	334.4
11/1/2021 04:00:00 PM	41.299	24.896	68.357	204.586	0.365	334.4
11/1/2021 05:00:00 PM	4.604	24.746	69.099	127.853	0.816	334.4
11/1/2021 06:00:00 PM	1.083	24.672	69.921	120.459	1.448	334.4
11/1/2021 07:00:00 PM	0.812	24.597	70.969	17.493	0.817	334.4
11/1/2021 08:00:00 PM	0.271	24.493	69.745	317.034	0.687	334.4
11/1/2021 09:00:00 PM	1.625	24.543	66.246	118.457	1.494	334.4
11/1/2021 10:00:00 PM	0.406	24.452	67.127	6.457	0.194	334.4
11/1/2021 11:00:00 PM	0.406	24.422	67.71	162.305	0.464	334.4
11/2/2021 12:00:00 AM	0	24.384	66.163	12.28	0.191	334.4
11/2/2021 01:00:00 AM	0.542	24.139	65.768	123.329	0.299	334.4
11/2/2021 02:00:00 AM	1.489	24.089	66.784	187.408	0.391	334.4
11/2/2021 03:00:00 AM	0.812	24.001	68.955	116.12	0.477	334.4
11/2/2021 04:00:00 AM	0.677	23.867	71.437	155.051	0.781	334.4
11/2/2021 05:00:00 AM	1.083	24.025	71.951	211.98	0.413	334.4
11/2/2021 06:00:00 AM	2.166	23.842	74.359	33.283	0.191	334.4
11/2/2021 07:00:00 AM	2.844	23.929	77.289	153.553	0.196	334.4
11/2/2021 08:00:00 AM	28.571	23.777	79.525	32.95	0.191	334.4
11/2/2021 09:00:00 AM	35.476	23.673	83.885	65.185	0.193	334.4
11/2/2021 10:00:00 AM	54.704	23.318	86.056	141.534	1.114	334.6
11/2/2021 11:00:00 AM	221.66	24.191	84.25	108.578	0.596	335
11/2/2021 12:00:00 PM	231.951	25.583	75.048	229.887	0.201	335
11/2/2021 01:00:00 PM	166.414	25.357	72.282	263.376	0.263	335
11/2/2021 02:00:00 PM	222.608	25.697	67.719	68.931	0.509	335
11/2/2021 03:00:00 PM	177.382	25.957	67.055	148.11	1.34	335
11/2/2021 04:00:00 PM	37.914	25.454	69.54	156.444	0.198	335
11/2/2021 05:00:00 PM	6.093	25.047	71.507	135.527	0.781	335
11/2/2021 06:00:00 PM	-0.812	24.866	72.011	133.986	0.195	335
11/2/2021 07:00:00 PM	0.677	24.752	72.386	102.653	0.962	335
11/2/2021 08:00:00 PM	0.812	24.888	71.436	109.647	1.12	335
11/2/2021 09:00:00 PM	1.083	24.646	71.244	32.711	0.673	335
11/2/2021 10:00:00 PM	0.677	24.501	72.129	149.268	0.875	335
11/2/2021 11:00:00 PM	2.708	24.464	73.694	77.207	0.7	335
11/3/2021 12:00:00 AM	1.76	24.292	73.293	84.431	0.193	335
11/3/2021 01:00:00 AM	1.76	24.398	73.215	143.062	0.198	335

11/3/2021 02:00:00 AM	-0.271	24.188	75.24	173.108	0.191	335
11/3/2021 03:00:00 AM	2.573	24.363	75.572	177.066	1.477	335
11/3/2021 04:00:00 AM	1.219	24.394	75.119	195.02	0.348	335
11/3/2021 05:00:00 AM	0.677	24.272	75.224	133.166	0.216	335
11/3/2021 06:00:00 AM	-3.114	24.138	76.931	95.813	0.459	335
11/3/2021 07:00:00 AM	46.986	24.049	79.752	181.293	0.197	335
11/3/2021 08:00:00 AM	223.962	25.129	75.107	131.066	0.24	335
11/3/2021 09:00:00 AM	407.708	26.407	69.585	97.086	0.619	335
11/3/2021 10:00:00 AM	198.234	26.701	68.391	148.806	0.419	335
11/3/2021 11:00:00 AM	223.826	26.76	66.831	140.994	0.62	335
11/3/2021 12:00:00 PM	498.836	28.014	61.507	64.382	1.046	335
11/3/2021 01:00:00 PM	259.303	26.636	68.544	19.709	1.017	335
11/3/2021 02:00:00 PM	206.223	25.513	72.601	149.553	0.457	335
11/3/2021 03:00:00 PM	149.624	25.196	73.527	108.174	0.196	335
11/3/2021 04:00:00 PM	35.747	24.742	72.138	191.375	0.377	335
11/3/2021 05:00:00 PM	4.468	24.399	72.91	83.779	0.923	335
11/3/2021 06:00:00 PM	-1.354	24.16	76.592	141.566	0.478	335
11/3/2021 07:00:00 PM	3.791	23.857	77.765	244.301	0.201	335
11/3/2021 08:00:00 PM	2.979	23.795	79.044	97.881	0.729	335
11/3/2021 09:00:00 PM	1.219	23.819	77.413	243.708	0.199	335
11/3/2021 10:00:00 PM	2.437	24.466	72.433	144.076	0.876	335
11/3/2021 11:00:00 PM	0.812	24.508	71.122	122.37	2.177	335
11/4/2021 12:00:00 AM	2.708	24.567	71.928	183.456	1.283	335
11/4/2021 01:00:00 AM	1.083	24.708	71.326	86.805	1.225	335
11/4/2021 02:00:00 AM	2.302	24.583	72.965	155.605	0.463	335
11/4/2021 03:00:00 AM	1.489	24.72	72.954	106.998	0.539	335
11/4/2021 04:00:00 AM	-1.896	23.532	83.443	160.989	0.683	335.3
11/4/2021 05:00:00 AM	2.031	23.702	83.751	128.112	0.195	335.4
11/4/2021 06:00:00 AM	5.01	23.896	80.473	79.745	1.607	335.4
11/4/2021 07:00:00 AM	14.082	24.178	79.211	124.334	0.438	335.4
11/4/2021 08:00:00 AM	111.981	25.416	72.655	142.937	0.765	335.4
11/4/2021 09:00:00 AM	220.847	25.4	75.105	102.582	0.665	335.4
11/4/2021 10:00:00 AM	295.591	26.641	73.405	98.17	0.194	335.4
11/4/2021 11:00:00 AM	329.849	26.963	68.341	192.792	0.2	335.4
11/4/2021 12:00:00 PM	267.833	27.61	64.302	128.411	1.441	335.4
11/4/2021 01:00:00 PM	294.644	26.992	69.408	84.947	1.414	335.4
11/4/2021 02:00:00 PM	122.678	26.828	71.495	141.651	0.195	335.4
11/4/2021 03:00:00 PM	76.504	26.424	71.515	27.439	0.804	335.4
11/4/2021 04:00:00 PM	26.269	25.513	77.399	148.112	0.625	335.4
11/4/2021 05:00:00 PM	6.906	25.073	79.369	31.514	0.943	335.4
11/4/2021 06:00:00 PM	1.219	25.034	78.344	95.792	0.195	335.4
11/4/2021 07:00:00 PM	1.083	25.098	78.126	101.065	0.376	335.4
11/4/2021 08:00:00 PM	0.948	25.604	74.237	126.753	0.608	335.4
11/4/2021 09:00:00 PM	1.896	26.24	71.572	97.548	1.245	335.4
11/4/2021 10:00:00 PM	1.489	26.147	72.194	127.858	0.869	335.4
11/4/2021 11:00:00 PM	0.406	26.53	70.445	99.217	1.479	335.4
11/5/2021 12:00:00 AM	-0.406	25.977	73.038	237.628	0.202	335.4
11/5/2021 01:00:00 AM	0.948	26.107	71.792	121.829	0.811	335.4
11/5/2021 02:00:00 AM	0	25.344	74.344	343.182	0.206	335.4
11/5/2021 03:00:00 AM	0.677	24.18	79.461	240.626	0.202	335.4

11/5/2021 04:00:00 AM	1.219	23.842	82.142	236.691	0.89	335.4
11/5/2021 05:00:00 AM	1.354	23.852	80.615	238.337	0.58	335.4
11/5/2021 06:00:00 AM	1.354	23.605	82.554	57.6	0.194	335.4
11/5/2021 07:00:00 AM	154.905	27.357	69.41	159.178	0.199	335.4
11/5/2021 08:00:00 AM	387.532	30.026	57.93	102.03	0.196	335.4
11/5/2021 09:00:00 AM	562.612	30.894	54.239	280.259	0.468	335.4
11/5/2021 10:00:00 AM	688.134	33.247	46.85	15.211	0.631	335.4
11/5/2021 11:00:00 AM	767.617	34.07	41.041	130.058	0.634	335.4
11/5/2021 12:00:00 PM	756.378	34.747	43.754	189.902	1.013	335.4
11/5/2021 01:00:00 PM	696.799	33.162	54.079	38.116	0.913	335.4
11/5/2021 02:00:00 PM	533.906	32.759	55.557	101.268	0.44	335.4
11/5/2021 03:00:00 PM	270	32.534	56.496	93.954	0.199	335.4
11/5/2021 04:00:00 PM	110.898	30.736	62.186	142.079	0.197	335.4
11/5/2021 05:00:00 PM	7.041	29.366	69.525	37.626	0.194	335.4
11/5/2021 06:00:00 PM	0.948	28.331	73.233	18.652	0.194	335.4
11/5/2021 07:00:00 PM	0.406	27.945	74.879	112.119	0.196	335.4
11/5/2021 08:00:00 PM	-0.271	27.613	77.369	107.242	0.196	335.4
11/5/2021 09:00:00 PM	-0.948	27.096	80.419	78.595	0.421	335.4
11/5/2021 10:00:00 PM	1.625	26.666	80.38	96.859	0.516	335.4
11/5/2021 11:00:00 PM	0.542	26.228	80.743	111.281	0.195	335.4
11/6/2021 12:00:00 AM	1.083	25.979	81.185	144.596	0.199	335.4
11/6/2021 01:00:00 AM	0	26.117	80.449	238.178	0.201	335.4
11/6/2021 02:00:00 AM	1.083	25.631	81.018	223.945	1.162	335.4
11/6/2021 03:00:00 AM	-0.812	25.485	81.988	99.037	0.195	335.4
11/6/2021 04:00:00 AM	1.625	25.304	83.094	129.331	0.197	335.4
11/6/2021 05:00:00 AM	-1.354	25.565	82.25	86.094	0.198	335.4
11/6/2021 06:00:00 AM	3.927	25.377	82.777	264.182	0.202	335.4
11/6/2021 07:00:00 AM	70.005	26.679	76.847	241.403	0.202	335.4
11/6/2021 08:00:00 AM	332.286	28.959	63.921	237.5	0.474	335.4
11/6/2021 09:00:00 AM	493.826	31.977	54.993	163.724	0.202	335.4
11/6/2021 10:00:00 AM	520.23	31.629	55.22	108.587	0.347	335.4
11/6/2021 11:00:00 AM	192.277	31.082	58.603	169.023	0.203	335.4
11/6/2021 12:00:00 PM	192.547	29.783	69.53	91.747	0.198	335.4
11/6/2021 01:00:00 PM	192.141	30.297	64.32	74.049	0.195	335.4
11/6/2021 02:00:00 PM	706.684	33.24	53.151	8.145	0.773	335.4
11/6/2021 03:00:00 PM	190.652	30.53	63.004	91.323	0.764	335.4
11/6/2021 04:00:00 PM	85.712	29.51	65.467	187.355	0.204	335.4
11/6/2021 05:00:00 PM	9.885	27.947	70.281	226.629	0.968	335.4
11/6/2021 06:00:00 PM	0.948	27.521	73.598	187.168	0.204	335.4
11/6/2021 07:00:00 PM	0.948	26.945	74.618	261.06	0.202	335.4
11/6/2021 08:00:00 PM	1.354	26.554	76.305	18.51	0.804	335.4
11/6/2021 09:00:00 PM	0.135	26.19	73.278	356.432	0.21	335.4
11/6/2021 10:00:00 PM	1.76	25.959	74.015	43.019	0.549	335.4
11/6/2021 11:00:00 PM	0.948	26.087	67.865	92.255	0.785	335.4
11/7/2021 12:00:00 AM	1.489	25.846	69.521	80.861	0.526	335.4
11/7/2021 01:00:00 AM	0.406	25.725	70.136	120.226	0.449	335.4
11/7/2021 02:00:00 AM	-0.135	25.16	74.573	33.467	0.785	335.4
11/7/2021 03:00:00 AM	-0.542	24.602	76.725	132.592	0.871	335.4
11/7/2021 04:00:00 AM	0.677	24.421	77.488	135.504	0.64	335.4
11/7/2021 05:00:00 AM	-0.406	24.535	76.342	94.625	0.196	335.4

11/7/2021 06:00:00 AM	2.708	24.388	77.386	75.588	0.195	335.4
11/7/2021 07:00:00 AM	81.379	25.007	75.02	109.91	0.471	335.4
11/7/2021 08:00:00 AM	371.554	28.182	62.273	165.025	0.199	335.4
11/7/2021 09:00:00 AM	551.509	29.068	60.399	172.952	1.483	335.4
11/7/2021 10:00:00 AM	689.623	30.92	53.971	126.279	1.553	335.4
11/7/2021 11:00:00 AM	757.191	31.712	54.583	160.297	0.202	335.4
11/7/2021 12:00:00 PM	765.18	32.597	53.04	252.581	0.426	335.4
11/7/2021 01:00:00 PM	707.497	33.075	53.094	93.798	0.569	335.4
11/7/2021 02:00:00 PM	573.986	32.404	54.186	215.691	0.207	335.4
11/7/2021 03:00:00 PM	386.449	31.128	58.78	119.25	0.68	335.4
11/7/2021 04:00:00 PM	171.424	29.344	64.899	185.408	0.796	335.4
11/7/2021 05:00:00 PM	9.885	28.418	68.751	66.132	0.46	335.4
11/7/2021 06:00:00 PM	-1.76	27.347	72.959	129.021	0.714	335.4
11/7/2021 07:00:00 PM	-0.812	27.028	73.014	155.026	0.75	335.4
11/7/2021 08:00:00 PM	-0.677	27.213	71.086	138.482	0.204	335.4
11/7/2021 09:00:00 PM	-0.812	27.494	69.987	46.898	0.195	335.4
11/7/2021 10:00:00 PM	-0.812	27.255	70.543	224.687	0.205	335.4
11/7/2021 11:00:00 PM	-1.625	26.509	74.488	283.272	0.438	335.4
11/8/2021 12:00:00 AM	1.354	26.547	75.419	246.201	0.203	335.4
11/8/2021 01:00:00 AM	-0.812	26.392	76.147	264.282	1.67	335.4
11/8/2021 02:00:00 AM	-0.677	26.126	77.675	148.075	0.196	335.4
11/8/2021 03:00:00 AM	1.083	25.925	78.421	238.208	0.978	335.4
11/8/2021 04:00:00 AM	0.948	26.293	78.167	184.246	0.203	335.4
11/8/2021 05:00:00 AM	0.677	26.035	79.681	229.007	0.815	335.4
11/8/2021 06:00:00 AM	0.677	24.97	89.409	250.356	0.204	345.3
11/8/2021 07:00:00 AM	3.656	23.853	91.289	250.947	0.378	355.4
11/8/2021 08:00:00 AM	20.311	22.575	87.437	212.01	1.242	359
11/8/2021 09:00:00 AM	215.973	21.743	86.428	108.349	0.204	359.8
11/8/2021 10:00:00 AM	131.479	21.606	82.726	117.967	0.196	359.8
11/8/2021 11:00:00 AM	157.342	21.386	80.199	282.101	0.204	359.8
11/8/2021 12:00:00 PM	186.996	20.933	77.11	103.442	1.355	359.8
11/8/2021 01:00:00 PM	139.333	20.269	76.379	55.5	1.014	359.8
11/8/2021 02:00:00 PM	91.805	19.571	75.715	149.019	0.194	359.8
11/8/2021 03:00:00 PM	27.217	19.17	77.542	141.47	2.422	359.8
11/8/2021 04:00:00 PM	12.728	18.562	76.532	130.614	2.201	359.8
11/8/2021 05:00:00 PM	1.489	18.111	75.084	98.027	0.639	359.8
11/8/2021 06:00:00 PM	-1.083	18.268	69.836	177.291	0.197	359.8
11/8/2021 07:00:00 PM	0	18.484	65.176	55.073	0.432	359.8
11/8/2021 08:00:00 PM	-1.083	18.573	66.599	352.849	0.201	359.8
11/8/2021 09:00:00 PM	-0.677	18.33	67.782	56.889	0.218	359.9
11/8/2021 10:00:00 PM	-0.948	18.611	65.993	48.837	0.497	359.9
11/8/2021 11:00:00 PM	-0.135	18.776	64.282	147.963	0.309	359.9
11/9/2021 12:00:00 AM	0.135	18.997	64.232	135.519	1.617	359.9
11/9/2021 01:00:00 AM	-3.25	18.963	63.377	101.068	0.788	359.9
11/9/2021 02:00:00 AM	-0.812	18.84	65.206	51.593	0.357	359.9
11/9/2021 03:00:00 AM	-3.25	18.864	62.249	109.258	0.465	359.9
11/9/2021 04:00:00 AM	-0.135	18.759	61.446	76.405	0.189	359.9
11/9/2021 05:00:00 AM	-0.812	18.478	58.912	166.194	1.152	359.9
11/9/2021 06:00:00 AM	0	18.274	58.353	309.179	0.23	359.9
11/9/2021 07:00:00 AM	11.645	18.295	59.013	138.096	0.194	359.9

11/9/2021 08:00:00 AM	35.341	18.451	58.069	227.231	0.198	359.9
11/9/2021 09:00:00 AM	122.949	18.754	55.374	68.368	0.604	359.9
11/9/2021 10:00:00 AM	253.616	19.411	53.128	155.805	1.273	359.9
11/9/2021 11:00:00 AM	369.117	20.102	50.323	113.66	2.113	359.9
11/9/2021 12:00:00 PM	372.773	20.555	51.281	182.635	1.046	359.9
11/9/2021 01:00:00 PM	237.231	20.147	53.919	229.308	0.199	359.9
11/9/2021 02:00:00 PM	112.387	19.949	55.544	354.184	1.4	359.9
11/9/2021 03:00:00 PM	82.462	19.648	56.231	154.516	1.844	359.9
11/9/2021 04:00:00 PM	43.736	19.267	55.841	145.576	0.886	359.9
11/9/2021 05:00:00 PM	1.76	19.014	56.402	237.362	0.389	359.9
11/9/2021 06:00:00 PM	0.406	18.921	56.082	175.571	1.347	359.9
11/9/2021 07:00:00 PM	-0.948	18.977	57.907	50.682	1.023	359.9
11/9/2021 08:00:00 PM	-0.948	18.687	59.713	193.044	0.679	359.9
11/9/2021 09:00:00 PM	-0.812	18.856	59.407	30.046	0.19	359.9
11/9/2021 10:00:00 PM	-0.406	18.508	61.902	126.073	0.427	359.9
11/9/2021 11:00:00 PM	-0.812	18.737	59.752	86.455	0.194	359.9
11/10/2021 12:00:00 AM	-2.166	18.582	63.55	175.597	0.444	359.9
11/10/2021 01:00:00 AM	-3.385	18.598	65.194	51.144	0.192	359.9
11/10/2021 02:00:00 AM	-0.948	18.391	67.105	130.057	0.19	359.9
11/10/2021 03:00:00 AM	-5.281	18.359	67.408	19.184	0.43	359.9
11/10/2021 04:00:00 AM	-1.354	18.145	67.744	251.436	0.373	359.9
11/10/2021 05:00:00 AM	-1.354	18.055	62.239	210.401	0.785	359.9
11/10/2021 06:00:00 AM	-2.166	17.688	64.833	14.295	0.205	359.9
11/10/2021 07:00:00 AM	37.778	17.826	66.159	232.424	0.755	359.9
11/10/2021 08:00:00 AM	145.562	18.566	72.903	90.84	0.188	359.9
11/10/2021 09:00:00 AM	292.206	19.594	61.318	229.438	2.052	359.9
11/10/2021 10:00:00 AM	252.668	21.314	52.543	98.983	0.192	359.9
11/10/2021 11:00:00 AM	703.434	22.861	47.115	82.043	0.193	359.9
11/10/2021 12:00:00 PM	303.039	22.734	45.575	160.592	1.062	359.9
11/10/2021 01:00:00 PM	264.719	22.932	44.55	7.415	0.187	359.9
11/10/2021 02:00:00 PM	204.869	22.836	45.972	20.155	0.191	359.9
11/10/2021 03:00:00 PM	186.454	22.896	46.238	13.722	0.188	359.9
11/10/2021 04:00:00 PM	170.476	22.182	47.717	279.959	0.735	359.9
11/10/2021 05:00:00 PM	4.062	21.001	54.435	106.547	0.192	359.9
11/10/2021 06:00:00 PM	-6.364	19.758	57.943	135.655	0.193	359.9
11/10/2021 07:00:00 PM	-5.958	18.322	68.953	130.729	1.787	359.9
11/10/2021 08:00:00 PM	-6.906	17.831	70.057	118.093	0.786	359.9
11/10/2021 09:00:00 PM	-6.229	17.305	71.638	161.624	0.421	359.9
11/10/2021 10:00:00 PM	-6.77	17.083	68.408	89.587	0.565	359.9
11/10/2021 11:00:00 PM	-5.687	16.681	70.978	91.152	0.189	359.9
11/11/2021 12:00:00 AM	-5.01	16.549	71.62	74.659	0.651	359.9
11/11/2021 01:00:00 AM	-4.604	16.056	76.548	107.698	0.188	359.9
11/11/2021 02:00:00 AM	-5.281	15.908	76.409	103.612	0.193	359.9
11/11/2021 03:00:00 AM	-4.468	15.557	77.243	111.132	0.608	359.9
11/11/2021 04:00:00 AM	-4.468	15.779	76.625	109.976	1.068	359.9
11/11/2021 05:00:00 AM	-5.958	16.077	74.094	98.319	0.189	359.9
11/11/2021 06:00:00 AM	-3.25	15.881	74.229	52.967	0.4	359.9
11/11/2021 07:00:00 AM	140.551	18.266	63.059	93.323	0.194	359.9
11/11/2021 08:00:00 AM	362.753	21.344	50.729	171.307	0.198	359.9
11/11/2021 09:00:00 AM	561.393	23.362	42.076	38.969	0.574	359.9

11/11/2021 10:00:00 AM	699.101	25.294	35.834	152.771	2.131	359.9
11/11/2021 11:00:00 AM	775.877	26.774	35.804	124.587	1.3	359.9
11/11/2021 12:00:00 PM	785.897	26.711	36.68	140.624	0.804	359.9
11/11/2021 01:00:00 PM	718.6	27.356	36.391	262.202	1.272	359.9
11/11/2021 02:00:00 PM	576.559	26.656	38.921	141.498	0.485	359.9
11/11/2021 03:00:00 PM	384.418	26.188	40.747	133.927	0.756	359.9
11/11/2021 04:00:00 PM	168.581	25.045	44.203	51.6	0.196	359.9
11/11/2021 05:00:00 PM	4.604	22.889	50.42	88.13	0.516	359.9
11/11/2021 06:00:00 PM	-3.656	21.934	55.516	125.965	0.93	359.9
11/11/2021 07:00:00 PM	-6.093	20.929	60.435	111.014	0.191	359.9
11/11/2021 08:00:00 PM	-5.145	20.233	63.668	149.251	0.197	359.9
11/11/2021 09:00:00 PM	-5.145	19.838	64.992	104.909	0.194	359.9
11/11/2021 10:00:00 PM	-5.145	20.478	61.391	209.957	0.197	359.9
11/11/2021 11:00:00 PM	-4.604	21.068	58.315	112.575	0.971	359.9
11/12/2021 12:00:00 AM	-5.687	20.894	59.199	292.182	0.233	359.9
11/12/2021 01:00:00 AM	-5.416	20.803	60.637	279.635	0.199	359.9
11/12/2021 02:00:00 AM	-2.844	20.755	61.494	173.334	0.77	359.9
11/12/2021 03:00:00 AM	-4.333	20.975	60.713	71.903	0.608	359.9
11/12/2021 04:00:00 AM	-3.385	20.804	62.762	95.337	0.428	359.9
11/12/2021 05:00:00 AM	-2.166	20.822	63.303	190.192	0.314	359.9
11/12/2021 06:00:00 AM	-3.25	20.799	65.414	78.918	0.19	359.9
11/12/2021 07:00:00 AM	16.384	19.42	79.137	199.024	0.595	360.5
11/12/2021 08:00:00 AM	23.561	19.493	83.235	127.154	0.672	360.9
11/12/2021 09:00:00 AM	53.215	19.418	83.321	97.187	0.193	362
11/12/2021 10:00:00 AM	251.584	20.065	77.584	33.022	0.544	362.8
11/12/2021 11:00:00 AM	165.872	20.954	70.243	53.073	1.098	362.8
11/12/2021 12:00:00 PM	56.871	21.223	66.701	128.179	2.872	362.8
11/12/2021 01:00:00 PM	143.26	20.953	71.807	133.186	0.716	362.8
11/12/2021 02:00:00 PM	171.83	21.165	70.042	161.277	1.883	362.9
11/12/2021 03:00:00 PM	25.592	21.135	66.5	170.365	0.865	362.9
11/12/2021 04:00:00 PM	31.414	19.913	74.93	65.217	0.617	363.1
11/12/2021 05:00:00 PM	0.948	20.153	69.152	204.69	0.572	363.1
11/12/2021 06:00:00 PM	-1.625	20.119	68.65	137.942	0.672	363.1
11/12/2021 07:00:00 PM	-1.083	20.243	70.326	130.85	0.911	363.2
11/12/2021 08:00:00 PM	0.812	20.172	72.263	140.758	1.577	363.2
11/12/2021 09:00:00 PM	-1.354	20.551	71.68	194.571	0.585	363.2
11/12/2021 10:00:00 PM	-1.354	20.797	71.06	35.673	0.783	363.2
11/12/2021 11:00:00 PM	-0.812	19.851	79.461	337.062	0.31	363.7
11/13/2021 12:00:00 AM	-1.489	19.041	87.18	110.483	0.191	367.3
11/13/2021 01:00:00 AM	0	19.049	88.224	65.674	0.191	368
11/13/2021 02:00:00 AM	0	18.884	89.567	199.133	0.193	369.4
11/13/2021 03:00:00 AM	-0.271	18.782	89.988	119.158	0.872	372
11/13/2021 04:00:00 AM	-0.135	18.897	90.328	235.298	0.198	375.1
11/13/2021 05:00:00 AM	0.677	18.892	89.991	356.558	0.202	375.4
11/13/2021 06:00:00 AM	-0.948	19.243	87.881	189.039	0.65	375.4
11/13/2021 07:00:00 AM	21.8	19.281	88.302	139.624	0.462	375.9
11/13/2021 08:00:00 AM	25.05	19.161	87.62	120.673	0.937	375.9
11/13/2021 09:00:00 AM	52.538	19.039	83.941	94.037	0.911	375.9
11/13/2021 10:00:00 AM	293.289	20.6	80.995	130.242	1.04	375.9
11/13/2021 11:00:00 AM	394.032	21.853	76.435	351.456	0.203	375.9

11/13/2021 12:00:00 PM	391.053	22.238	74.765	144.042	0.327	375.9
11/13/2021 01:00:00 PM	143.395	23.178	69.384	160.495	1.012	375.9
11/13/2021 02:00:00 PM	182.798	22.277	72.997	143.112	0.197	375.9
11/13/2021 03:00:00 PM	20.176	21.248	76.955	117.95	0.7	375.9
11/13/2021 04:00:00 PM	8.395	19.752	85.07	134.955	0.193	376.1
11/13/2021 05:00:00 PM	-3.656	19.62	84.528	54.782	0.192	376.2
11/13/2021 06:00:00 PM	-1.489	19.299	84.971	190.853	0.193	376.3
11/13/2021 07:00:00 PM	-3.521	19.029	86.142	36.543	0.189	376.3
11/13/2021 08:00:00 PM	-2.437	18.943	86.172	40.672	0.305	376.3
11/13/2021 09:00:00 PM	-1.354	19.145	85.561	107.396	0.631	376.3
11/13/2021 10:00:00 PM	-3.385	18.967	89.008	343.534	0.527	376.3
11/13/2021 11:00:00 PM	-1.625	19.113	86.194	93.709	0.888	376.3
11/14/2021 12:00:00 AM	-1.896	19.372	83.54	49.644	0.186	376.3
11/14/2021 01:00:00 AM	-4.333	19.023	86.388	94.219	0.194	376.3
11/14/2021 02:00:00 AM	-2.437	18.734	90.089	77.496	0.191	376.6
11/14/2021 03:00:00 AM	-1.489	18.913	89.85	122.765	1.157	376.6
11/14/2021 04:00:00 AM	-1.489	19.197	88.543	167.804	0.382	376.7
11/14/2021 05:00:00 AM	-4.604	19.054	87.363	156.978	0.19	376.7
11/14/2021 06:00:00 AM	-1.489	19.077	84.843	30.081	0.192	376.7
11/14/2021 07:00:00 AM	10.02	19.552	81.444	145.792	0.845	376.7
11/14/2021 08:00:00 AM	40.08	19.689	79.68	194.007	1.335	376.7
11/14/2021 09:00:00 AM	90.045	20.261	79.217	344.108	0.2	376.7
11/14/2021 10:00:00 AM	145.426	21.183	75.881	117.304	0.193	376.7
11/14/2021 11:00:00 AM	119.022	21.351	70.599	145.8	2.012	376.7
11/14/2021 12:00:00 PM	116.585	21.948	68.247	153.479	0.196	376.7
11/14/2021 01:00:00 PM	113.199	22.013	68.11	99.524	1.033	376.7
11/14/2021 02:00:00 PM	109.544	22.134	66.22	106.614	0.653	376.7
11/14/2021 03:00:00 PM	73.932	21.877	67.021	143.364	0.605	376.7
11/14/2021 04:00:00 PM	46.58	21.796	67.061	358.34	0.201	376.7
11/14/2021 05:00:00 PM	3.25	21.454	70.314	179.85	0.198	376.7
11/14/2021 06:00:00 PM	-0.406	21.499	69.146	62.57	0.189	376.7
11/14/2021 07:00:00 PM	0.135	21.552	67.6	91.716	0.887	376.7
11/14/2021 08:00:00 PM	-0.406	21.46	68.062	109.857	0.495	376.7
11/14/2021 09:00:00 PM	1.354	21.409	69.713	90.087	0.193	376.7
11/14/2021 10:00:00 PM	-0.271	21.413	71.287	110.824	0.527	376.7
11/14/2021 11:00:00 PM	-1.219	21.457	70.897	100.359	0.62	376.7
11/15/2021 12:00:00 AM	-3.521	21.07	72.443	131.226	0.192	376.7
11/15/2021 01:00:00 AM	-3.791	20.648	74.592	177.375	0.563	376.7
11/15/2021 02:00:00 AM	-2.708	20.371	75.76	72.389	0.572	376.7
11/15/2021 03:00:00 AM	-1.354	20.462	74.982	250.599	0.195	376.7
11/15/2021 04:00:00 AM	-1.489	20.611	73.767	267.135	0.368	376.7
11/15/2021 05:00:00 AM	-2.166	20.462	74.652	268.561	0.206	376.7
11/15/2021 06:00:00 AM	-2.166	20.479	73.988	184.792	1.471	376.7
11/15/2021 07:00:00 AM	30.331	20.813	72.222	107.724	0.912	376.7
11/15/2021 08:00:00 AM	198.234	23.351	61.218	251.392	0.364	376.7
11/15/2021 09:00:00 AM	306.695	24.829	57.567	303.908	0.207	376.7
11/15/2021 10:00:00 AM	161.539	24.571	56.057	139.149	1.877	376.7
11/15/2021 11:00:00 AM	558.821	25.83	53.405	89.575	0.654	376.7
11/15/2021 12:00:00 PM	1014.733	26.876	50.446	101.332	1.051	376.7
11/15/2021 01:00:00 PM	477.848	26.371	50.634	192.67	0.63	376.7

11/15/2021 02:00:00 PM	279.884	26.083	51.274	100.878	1.21	376.7
11/15/2021 03:00:00 PM	105.075	25.66	53.151	21.18	0.193	376.7
11/15/2021 04:00:00 PM	160.862	25.333	57.029	224.485	0.572	376.7
11/15/2021 05:00:00 PM	2.166	24.317	62.283	132.363	1.19	376.7
11/15/2021 06:00:00 PM	-2.302	23.424	67.355	150.697	0.6	376.7
11/15/2021 07:00:00 PM	-2.166	23.031	69.341	117.798	0.193	376.7
11/15/2021 08:00:00 PM	-2.302	23.052	69.177	96.247	0.438	376.7
11/15/2021 09:00:00 PM	-2.031	23.403	68.572	143.338	0.194	376.7
11/15/2021 10:00:00 PM	-3.25	23.585	68.676	103.106	0.583	376.7
11/15/2021 11:00:00 PM	-1.76	23.57	69.865	65.575	0.621	376.7
11/16/2021 12:00:00 AM	0.271	23.712	69.399	3.764	0.595	376.7
11/16/2021 01:00:00 AM	-0.406	23.795	69.999	97.412	1.393	376.7
11/16/2021 02:00:00 AM	-3.385	24	67.993	48.176	0.438	376.7
11/16/2021 03:00:00 AM	-2.573	23.779	69.059	107.769	0.87	376.7
11/16/2021 04:00:00 AM	-0.406	24.072	67.852	171.727	1.452	376.7
11/16/2021 05:00:00 AM	-1.354	23.965	68.133	302.062	0.201	376.7
11/16/2021 06:00:00 AM	-1.354	23.518	70.423	149.321	0.773	376.7
11/16/2021 07:00:00 AM	55.381	23.477	71.031	66.724	0.571	376.7
11/16/2021 08:00:00 AM	213.4	26.556	58.764	98.417	1.588	376.7
11/16/2021 09:00:00 AM	541.353	29.221	49.839	136.364	0.2	376.7
11/16/2021 10:00:00 AM	657.532	29.357	49.021	102.48	0.711	376.7
11/16/2021 11:00:00 AM	764.503	31.493	43.235	347.414	0.214	376.7
11/16/2021 12:00:00 PM	264.854	29.649	46.631	155.353	0.492	376.7
11/16/2021 01:00:00 PM	407.031	30.85	42.464	141.717	2.344	376.7
11/16/2021 02:00:00 PM	319.017	29.644	47.43	202.127	0.2	376.7
11/16/2021 03:00:00 PM	132.427	28.298	52.935	144.499	0.197	376.7
11/16/2021 04:00:00 PM	38.32	27.18	56.202	125.065	0.461	376.7
11/16/2021 05:00:00 PM	2.166	26.064	61.619	150.673	0.641	376.7
11/16/2021 06:00:00 PM	1.896	25.819	62.423	127.963	0.425	376.7
11/16/2021 07:00:00 PM	0.812	25.379	66.018	61.29	1.177	376.7
11/16/2021 08:00:00 PM	0.812	25.333	66.059	48.169	0.203	376.7
11/16/2021 09:00:00 PM	0.135	25.003	68.169	72.453	0.193	376.7
11/16/2021 10:00:00 PM	0.542	24.972	66.56	107.099	0.589	376.7
11/16/2021 11:00:00 PM	1.625	24.496	69.111	163.004	0.457	376.7
11/17/2021 12:00:00 AM	1.083	24.337	71.643	30.46	0.743	376.7
11/17/2021 01:00:00 AM	0.135	24.165	72.448	117.783	0.195	376.7
11/17/2021 02:00:00 AM	0.677	24.556	69.094	124.893	0.504	376.7
11/17/2021 03:00:00 AM	0.135	24.459	69.231	172.929	0.654	376.7
11/17/2021 04:00:00 AM	0.406	24.756	66.017	42.202	0.75	376.7
11/17/2021 05:00:00 AM	0.948	24.326	69.112	96.634	0.365	376.7
11/17/2021 06:00:00 AM	1.489	24.442	72.551	76.979	0.195	376.7
11/17/2021 07:00:00 AM	19.498	24.683	68.71	41.419	1.969	376.7
11/17/2021 08:00:00 AM	49.694	24.974	67.792	84.297	0.192	376.7
11/17/2021 09:00:00 AM	387.668	26.284	63.572	66.562	0.21	376.7
11/17/2021 10:00:00 AM	412.582	27.381	61.994	110.843	0.72	376.7
11/17/2021 11:00:00 AM	398.229	27.28	61.308	239.475	0.215	376.7
11/17/2021 12:00:00 PM	285.571	26.983	63.432	158.483	1.231	376.7
11/17/2021 01:00:00 PM	282.728	27.604	60.527	258.534	0.205	376.7
11/17/2021 02:00:00 PM	246.574	27.393	64.825	137.169	0.956	376.7
11/17/2021 03:00:00 PM	214.483	27.496	64.356	124.183	1.223	376.7

11/17/2021 04:00:00 PM	65.943	27.05	66.471	13.057	0.194	376.7
11/17/2021 05:00:00 PM	2.979	26.033	71.29	100.056	0.624	376.7
11/17/2021 06:00:00 PM	1.896	25.498	74.744	304.754	0.206	376.7
11/17/2021 07:00:00 PM	-0.542	24.714	82.039	48.514	0.195	376.7
11/17/2021 08:00:00 PM	3.656	24.717	82.499	145.083	0.196	376.7
11/17/2021 09:00:00 PM	0.135	24.508	82.958	111.597	0.693	376.7
11/17/2021 10:00:00 PM	2.031	24.332	83.223	114.727	0.525	376.7
11/17/2021 11:00:00 PM	1.083	24.185	82.904	179.145	0.227	376.7
11/18/2021 12:00:00 AM	0	24.283	83.494	75.127	0.19	376.7
11/18/2021 01:00:00 AM	3.25	23.737	84.709	140.366	0.194	376.7
11/18/2021 02:00:00 AM	1.219	23.898	84.288	215.556	0.205	376.7
11/18/2021 03:00:00 AM	1.896	23.54	85.358	238.756	1.101	376.7
11/18/2021 04:00:00 AM	2.302	23.87	84.487	114.703	0.194	376.7
11/18/2021 05:00:00 AM	0.406	22.835	87.379	247.832	1.074	377.1
11/18/2021 06:00:00 AM	-0.542	22.281	86.835	264.304	0.939	377.2
11/18/2021 07:00:00 AM	30.737	21.694	90.736	242.7	0.198	379
11/18/2021 08:00:00 AM	39.403	22.229	89.149	262.677	0.611	379.1
11/18/2021 09:00:00 AM	75.963	22.719	85.61	278.562	1.315	379.1
11/18/2021 10:00:00 AM	111.168	23.018	83.764	140.992	0.196	379.1
11/18/2021 11:00:00 AM	159.373	23.728	80.66	308.781	0.204	379.1
11/18/2021 12:00:00 PM	87.743	23.761	80.952	339.214	0.204	379.1
11/18/2021 01:00:00 PM	128.771	24.071	79.185	358.359	0.778	379.1
11/18/2021 02:00:00 PM	92.076	23.741	79.382	52.561	0.193	379.1
11/18/2021 03:00:00 PM	81.244	23.775	79.382	214.687	0.2	379.1
11/18/2021 04:00:00 PM	24.238	23.103	82.917	288.28	1.178	379.1
11/18/2021 05:00:00 PM	1.219	23.103	84.644	143.146	0.194	379.1
11/18/2021 06:00:00 PM	2.031	22.735	86.434	219.431	1.209	379.1
11/18/2021 07:00:00 PM	2.708	22.954	86.256	139.452	0.194	379.1
11/18/2021 08:00:00 PM	3.25	22.653	86.936	271.823	0.522	379.1
11/18/2021 09:00:00 PM	1.354	22.849	85.75	145.599	0.197	379.1
11/18/2021 10:00:00 PM	1.625	22.625	86.772	292.976	0.202	379.1
11/18/2021 11:00:00 PM	0.135	22.406	87.495	68.743	0.193	379.1
11/19/2021 12:00:00 AM	2.166	21.943	88.331	223.283	1.813	379.1
11/19/2021 01:00:00 AM	0.271	22.112	86.602	172.792	0.478	379.1
11/19/2021 02:00:00 AM	0.948	22.159	86.171	135.438	0.277	379.1
11/19/2021 03:00:00 AM	-0.812	21.913	85.928	211.427	0.198	379.1
11/19/2021 04:00:00 AM	-0.406	21.738	85.023	231.109	0.2	379.1
11/19/2021 05:00:00 AM	1.219	21.742	86.31	228.559	0.198	379.1
11/19/2021 06:00:00 AM	0.542	21.102	89.946	199.397	1.493	379.2
11/19/2021 07:00:00 AM	14.759	21.575	90.97	254.882	0.632	379.4
11/19/2021 08:00:00 AM	50.371	22.473	90.124	314.563	0.204	379.4
11/19/2021 09:00:00 AM	546.228	25.294	77.66	317.132	0.204	379.5
11/19/2021 10:00:00 AM	260.386	25.595	74.098	121.523	0.198	379.5
11/19/2021 11:00:00 AM	331.745	26.764	72.164	16.133	0.194	379.5
11/19/2021 12:00:00 PM	225.316	27.24	69.261	159.53	0.199	379.5
11/19/2021 01:00:00 PM	354.493	27.796	67.02	85.281	0.197	379.5
11/19/2021 02:00:00 PM	601.067	28.059	69.557	86.692	0.628	379.5
11/19/2021 03:00:00 PM	119.293	27.074	69.49	86.301	1.042	379.5
11/19/2021 04:00:00 PM	69.328	25.599	73.48	40.121	0.194	379.5
11/19/2021 05:00:00 PM	5.552	25.045	76.536	108.302	1.075	379.5

11/19/2021 06:00:00 PM	4.062	24.922	73.623	274.903	0.204	379.5
11/19/2021 07:00:00 PM	3.114	24.752	73.776	117.283	0.194	379.5
11/19/2021 08:00:00 PM	2.166	24.618	75.243	150.725	0.631	379.5
11/19/2021 09:00:00 PM	1.76	24.629	77.232	67.85	0.352	379.5
11/19/2021 10:00:00 PM	2.979	24.497	78.939	114.092	0.194	379.5
11/19/2021 11:00:00 PM	0.406	24.202	79.822	138.628	0.494	379.5
11/20/2021 12:00:00 AM	1.76	24.292	79.38	352.185	0.205	379.5
11/20/2021 01:00:00 AM	1.896	24.224	78.941	78.062	0.193	379.5
11/20/2021 02:00:00 AM	0.135	23.857	80.624	345.882	0.205	379.5
11/20/2021 03:00:00 AM	4.604	24.142	79.565	139.483	1.011	379.5
11/20/2021 04:00:00 AM	2.979	23.481	82.697	318.55	0.639	379.5
11/20/2021 05:00:00 AM	3.656	23.584	83.622	147.479	0.197	379.5
11/20/2021 06:00:00 AM	4.062	23.734	81.771	232.775	0.604	379.5
11/20/2021 07:00:00 AM	15.436	23.505	83.761	231.279	0.694	379.5
11/20/2021 08:00:00 AM	49.152	24.304	80.959	169.364	0.475	379.5
11/20/2021 09:00:00 AM	28.3	23.766	84.684	11.152	0.191	379.8
11/20/2021 10:00:00 AM	111.439	23.545	89.307	165.69	0.198	382.4
11/20/2021 11:00:00 AM	269.323	25.489	79.815	151.038	0.231	382.5
11/20/2021 12:00:00 PM	322.943	26.495	72.201	162.964	0.687	382.5
11/20/2021 01:00:00 PM	122.272	26.328	71.167	142.712	0.922	382.5
11/20/2021 02:00:00 PM	103.45	25.885	75.49	91.737	1.804	382.5
11/20/2021 03:00:00 PM	52.402	24.537	81.994	191.788	2.58	383.3
11/20/2021 04:00:00 PM	62.558	24.812	81.191	205.479	0.924	383.8
11/20/2021 05:00:00 PM	6.635	24.86	80.341	264.224	0.202	383.8
11/20/2021 06:00:00 PM	3.385	24.715	80.387	304.822	0.203	383.8
11/20/2021 07:00:00 PM	2.573	24.753	79.839	107.474	0.191	383.8
11/20/2021 08:00:00 PM	2.573	24.457	80.004	117.334	0.646	383.8
11/20/2021 09:00:00 PM	2.302	24.038	82.913	321.011	0.219	383.8
11/20/2021 10:00:00 PM	2.302	24.025	81.572	102.056	0.194	383.8
11/20/2021 11:00:00 PM	2.573	24.349	79.421	146.591	0.198	383.8
11/21/2021 12:00:00 AM	-0.271	23.977	81.269	104.521	0.797	383.8
11/21/2021 01:00:00 AM	0.542	24.034	77.731	106.994	1.446	383.8
11/21/2021 02:00:00 AM	3.114	24.786	68.268	205.808	0.55	383.8
11/21/2021 03:00:00 AM	1.896	24.19	71.064	76.541	1.204	383.8
11/21/2021 04:00:00 AM	1.354	23.496	73.933	73.828	0.641	383.8
11/21/2021 05:00:00 AM	2.031	23.01	76.785	126.946	0.194	383.8
11/21/2021 06:00:00 AM	1.625	22.716	79.463	252.968	1.496	383.8
11/21/2021 07:00:00 AM	110.491	23.939	74.807	120.297	0.414	383.8
11/21/2021 08:00:00 AM	317.256	26.974	61.77	140.157	0.566	383.8
11/21/2021 09:00:00 AM	506.96	30.593	52.265	178.349	0.199	383.8
11/21/2021 10:00:00 AM	638.304	32.47	46.462	49.323	0.201	383.8
11/21/2021 11:00:00 AM	720.766	32.62	43.799	260.08	2.58	383.8
11/21/2021 12:00:00 PM	711.423	32.177	45.754	187.066	0.203	383.8
11/21/2021 01:00:00 PM	281.645	31.642	50.685	90.821	0.195	383.8
11/21/2021 02:00:00 PM	452.662	32.138	50.818	54.435	0.196	383.8
11/21/2021 03:00:00 PM	116.043	30.932	54.591	138.191	0.203	383.8
11/21/2021 04:00:00 PM	55.652	29.582	59.651	84.151	0.197	383.8
11/21/2021 05:00:00 PM	7.447	28.006	64.185	132.414	0.197	383.8
11/21/2021 06:00:00 PM	-2.302	26.582	69.165	15.113	0.19	383.8
11/21/2021 07:00:00 PM	-1.083	25.933	73.602	152.453	0.196	383.8

11/21/2021 08:00:00 PM	0.406	25.514	74.667	172.608	0.195	383.8
11/21/2021 09:00:00 PM	2.844	25.66	77.673	211.147	0.201	383.8
11/21/2021 10:00:00 PM	0.542	25.684	76.579	184.546	0.199	383.8
11/21/2021 11:00:00 PM	0.406	25.229	81.099	202.357	0.204	383.8
11/22/2021 12:00:00 AM	-0.271	24.504	83.494	241.53	0.204	383.8
11/22/2021 01:00:00 AM	0	24.046	82.039	230.27	0.852	383.8
11/22/2021 02:00:00 AM	0.135	23.637	81.488	237.609	0.68	383.8
11/22/2021 03:00:00 AM	1.083	23.621	83.988	65.226	0.194	383.8
11/22/2021 04:00:00 AM	2.302	23.675	83.715	202.416	0.749	383.8
11/22/2021 05:00:00 AM	2.437	23.916	81.416	112.911	0.197	383.8
11/22/2021 06:00:00 AM	1.76	24.054	82.601	249.134	0.406	383.8
11/22/2021 07:00:00 AM	7.312	23.737	76.617	49.945	0.195	383.8
11/22/2021 08:00:00 AM	22.613	22.166	82.417	335.538	0.718	384.2
11/22/2021 09:00:00 AM	54.027	21.42	82.736	106.996	1.066	384.5
11/22/2021 10:00:00 AM	87.337	21.112	80.686	325.065	1.033	384.9
11/22/2021 11:00:00 AM	91.805	20.735	77.835	70.452	0.648	384.9
11/22/2021 12:00:00 PM	126.198	20.484	75.605	193.017	0.766	384.9
11/22/2021 01:00:00 PM	80.702	20.134	75.841	46.74	0.194	384.9
11/22/2021 02:00:00 PM	88.962	19.433	79.077	170.816	0.632	384.9
11/22/2021 03:00:00 PM	54.027	19.277	76.802	72.239	0.192	384.9
11/22/2021 04:00:00 PM	20.04	18.867	76.014	81.531	0.347	384.9
11/22/2021 05:00:00 PM	2.166	18.57	76.909	38.501	0.956	384.9
11/22/2021 06:00:00 PM	2.302	18.195	77.764	171.256	0.647	384.9
11/22/2021 07:00:00 PM	1.354	17.855	78.645	160.464	0.586	384.9
11/22/2021 08:00:00 PM	-1.083	17.675	81.459	53.979	0.785	384.9
11/22/2021 09:00:00 PM	1.219	17.478	80.454	123.834	0.796	384.9
11/22/2021 10:00:00 PM	-3.791	17.373	82.162	53.395	0.341	384.9
11/22/2021 11:00:00 PM	-1.219	16.873	84.972	252.511	1.083	385.2
11/23/2021 12:00:00 AM	-0.948	16.634	83.909	272.024	1.376	385.4
11/23/2021 01:00:00 AM	0.542	16.623	82.378	94.233	1.07	385.4
11/23/2021 02:00:00 AM	1.76	16.823	80.831	166.056	0.195	385.4
11/23/2021 03:00:00 AM	-0.271	16.784	84.647	169.562	0.194	385.5
11/23/2021 04:00:00 AM	-1.219	16.402	86.397	167.927	0.817	386.2
11/23/2021 05:00:00 AM	-2.844	16.677	85.044	25.863	0.187	386.3
11/23/2021 06:00:00 AM	0.271	16.238	87.521	176.653	0.197	386.7
11/23/2021 07:00:00 AM	5.822	16.327	88.366	105.133	0.189	387.4
11/23/2021 08:00:00 AM	20.988	16.404	87.197	133.814	0.239	387.8
11/23/2021 09:00:00 AM	34.258	16.54	85.69	133.234	0.958	388
11/23/2021 10:00:00 AM	52.131	16.781	85.831	138.214	0.193	388
11/23/2021 11:00:00 AM	54.704	16.87	85.347	143.514	0.408	388
11/23/2021 12:00:00 PM	54.569	16.942	84.464	139.703	0.622	388.1
11/23/2021 01:00:00 PM	90.857	16.601	87.256	132.788	2.094	388.5
11/23/2021 02:00:00 PM	49.559	16.728	86.353	170.99	1.5	388.5
11/23/2021 03:00:00 PM	32.091	16.746	84.202	98.068	0.671	388.5
11/23/2021 04:00:00 PM	15.978	16.983	81.507	9.947	0.709	388.5
11/23/2021 05:00:00 PM	3.791	16.986	81.268	176.109	0.343	388.5
11/23/2021 06:00:00 PM	-0.406	16.91	82.755	94.898	0.804	388.5
11/23/2021 07:00:00 PM	-1.083	16.754	84.338	41.99	0.684	388.6
11/23/2021 08:00:00 PM	-0.271	16.547	86.652	84.386	0.594	388.8
11/23/2021 09:00:00 PM	-0.812	16.681	86.41	45.005	0.189	388.9

11/23/2021 10:00:00 PM	2.437	16.814	85.243	220.927	0.195	388.9
11/23/2021 11:00:00 PM	1.354	17.161	81.946	177.563	1.364	388.9
11/24/2021 12:00:00 AM	2.979	17.216	80.606	127.245	1.382	388.9
11/24/2021 01:00:00 AM	2.437	17.313	79.209	201.169	0.195	388.9
11/24/2021 02:00:00 AM	2.302	17.409	78.868	101.801	0.192	388.9
11/24/2021 03:00:00 AM	1.76	17.573	75.601	243.032	0.196	388.9
11/24/2021 04:00:00 AM	-0.271	17.565	75.031	98.186	0.532	388.9
11/24/2021 05:00:00 AM	0.135	17.522	75.176	68.901	0.8	388.9
11/24/2021 06:00:00 AM	-0.271	17.827	72.857	99.324	0.602	388.9
11/24/2021 07:00:00 AM	12.593	18.099	70.386	347.714	0.769	388.9
11/24/2021 08:00:00 AM	91.534	18.737	67.292	187.2	0.492	388.9
11/24/2021 09:00:00 AM	177.788	19.777	61.747	99.702	0.861	388.9
11/24/2021 10:00:00 AM	202.161	20.534	58.893	163.741	1.923	388.9
11/24/2021 11:00:00 AM	181.58	21.234	59.79	94.366	0.368	388.9
11/24/2021 12:00:00 PM	155.988	20.765	61.69	186.825	0.645	388.9
11/24/2021 01:00:00 PM	111.71	20.504	63.669	145.708	1.535	388.9
11/24/2021 02:00:00 PM	84.764	20.216	65.206	55.929	0.191	388.9
11/24/2021 03:00:00 PM	79.89	20.1	67.107	96.763	0.743	388.9
11/24/2021 04:00:00 PM	25.998	19.783	70.529	17.974	0.562	388.9
11/24/2021 05:00:00 PM	0.948	19.669	71.613	126.436	0.913	388.9
11/24/2021 06:00:00 PM	1.083	19.768	72.033	132.723	0.192	388.9
11/24/2021 07:00:00 PM	1.083	19.969	71.661	96.462	1.758	388.9
11/24/2021 08:00:00 PM	-0.812	19.889	73.806	115.93	1.5	388.9
11/24/2021 09:00:00 PM	-0.271	19.84	76.364	123.748	0.194	388.9
11/24/2021 10:00:00 PM	-0.542	20.222	77.404	247.713	0.199	388.9
11/24/2021 11:00:00 PM	-0.677	20.655	75.858	21.992	0.189	388.9
11/25/2021 12:00:00 AM	1.219	20.812	77.04	313.996	0.197	388.9
11/25/2021 01:00:00 AM	1.354	20.663	78.892	8.457	0.933	388.9
11/25/2021 02:00:00 AM	-0.135	20.859	79.314	187.279	0.386	388.9
11/25/2021 03:00:00 AM	-0.406	21.068	79.153	147.847	0.381	388.9
11/25/2021 04:00:00 AM	-1.083	21.271	78.612	136.485	1.274	388.9
11/25/2021 05:00:00 AM	-0.677	21.07	81.524	99.534	0.68	388.9
11/25/2021 06:00:00 AM	-1.354	20.46	83.837	208.296	0.198	388.9
11/25/2021 07:00:00 AM	51.996	20.854	85.446	89.862	0.189	388.9
11/25/2021 08:00:00 AM	51.319	21.951	80.444	34.404	0.586	388.9
11/25/2021 09:00:00 AM	59.579	21.844	81.37	145.507	0.194	388.9
11/25/2021 10:00:00 AM	56.464	22.213	79.518	138.688	1.433	388.9
11/25/2021 11:00:00 AM	86.66	22.467	77.631	349.683	0.204	388.9
11/25/2021 12:00:00 PM	95.461	22.491	76.747	265.704	0.824	388.9
11/25/2021 01:00:00 PM	215.566	23.022	75.865	139.537	0.54	388.9
11/25/2021 02:00:00 PM	172.507	23.701	71.928	110.512	0.747	388.9
11/25/2021 03:00:00 PM	129.313	23.35	73.978	116.944	1.177	388.9
11/25/2021 04:00:00 PM	41.57	21.787	78.746	160.445	0.657	388.9
11/25/2021 05:00:00 PM	1.354	21.305	83.519	90.09	0.192	388.9
11/25/2021 06:00:00 PM	-0.677	21.048	85.97	75.368	1.403	388.9
11/25/2021 07:00:00 PM	0.542	21.114	87.484	356.409	0.201	388.9
11/25/2021 08:00:00 PM	-2.302	21.114	88.803	100.389	0.396	388.9
11/25/2021 09:00:00 PM	-1.76	21.14	90.701	71.958	0.655	389
11/25/2021 10:00:00 PM	0.812	21.309	91.515	182.858	0.195	389.4
11/25/2021 11:00:00 PM	0.542	21.477	91.857	193.529	0.195	389.6

11/26/2021 12:00:00 AM	0.406	21.62	92.323	208.072	0.198	390.1
11/26/2021 01:00:00 AM	1.625	21.851	92.182	253.535	0.197	390.4
11/26/2021 02:00:00 AM	1.489	21.959	90.355	186.82	0.356	390.4
11/26/2021 03:00:00 AM	-0.677	21.506	90.844	220.4	0.199	390.6
11/26/2021 04:00:00 AM	1.354	21.536	90.338	175.08	0.189	390.6
11/26/2021 05:00:00 AM	0.542	21.153	90.775	257.505	0.195	391
11/26/2021 06:00:00 AM	1.354	21.35	88.946	80.456	0.191	391
11/26/2021 07:00:00 AM	20.853	21.732	89.509	79.464	1.227	391.1
11/26/2021 08:00:00 AM	44.684	21.743	89.813	249.926	0.195	391.5
11/26/2021 09:00:00 AM	99.523	21.565	89.359	98.396	0.642	391.6
11/26/2021 10:00:00 AM	69.734	21.49	86.939	351.316	0.768	391.9
11/26/2021 11:00:00 AM	57.006	21.292	88.512	135.163	2.346	392.4
11/26/2021 12:00:00 PM	134.594	21.618	88.682	37.245	0.713	393.1
11/26/2021 01:00:00 PM	68.38	21.314	89.552	15.456	0.503	393.6
11/26/2021 02:00:00 PM	43.465	21.022	88.588	29.11	0.189	394
11/26/2021 03:00:00 PM	38.455	20.569	87.94	144.096	1.093	395.3
11/26/2021 04:00:00 PM	17.874	20.174	86.335	67.213	1.052	396.1
11/26/2021 05:00:00 PM	0.677	20.061	84.586	99.571	0.941	396.2
11/26/2021 06:00:00 PM	0.812	19.654	83.117	139.326	0.686	396.2
11/26/2021 07:00:00 PM	3.114	19.808	79.705	58.84	0.454	396.2
11/26/2021 08:00:00 PM	4.333	19.981	76.121	147.473	1.537	396.2
11/26/2021 09:00:00 PM	-1.354	19.537	75.824	167.892	1.054	396.2
11/26/2021 10:00:00 PM	-0.677	19.255	79.101	150.887	0.193	396.3
11/26/2021 11:00:00 PM	0.406	18.734	82.63	108.911	1.826	397
11/27/2021 12:00:00 AM	0.135	18.855	84.019	203.81	0.195	397.2
11/27/2021 01:00:00 AM	1.76	19.233	80.79	114.387	0.194	397.3
11/27/2021 02:00:00 AM	0.812	19.348	82.37	131.931	1.013	397.6
11/27/2021 03:00:00 AM	-0.542	19.174	84.178	84.545	0.325	397.8
11/27/2021 04:00:00 AM	0.948	19.231	84.692	49.615	0.655	398.1
11/27/2021 05:00:00 AM	-0.677	19.506	83.592	159.968	0.467	398.1
11/27/2021 06:00:00 AM	-0.271	19.425	84.996	89.061	0.192	398.3
11/27/2021 07:00:00 AM	7.447	19.432	86.873	99.164	0.599	398.7
11/27/2021 08:00:00 AM	35.612	19.628	88.284	109.213	0.194	400
11/27/2021 09:00:00 AM	177.788	20.389	86.674	83.348	0.537	400.7
11/27/2021 10:00:00 AM	84.9	21.248	82.963	75.338	0.197	400.8
11/27/2021 11:00:00 AM	59.714	20.884	84.401	242.599	0.196	400.8
11/27/2021 12:00:00 PM	38.049	20.592	85.969	177.734	0.586	401.8
11/27/2021 01:00:00 PM	73.525	20.767	88.62	179.365	0.756	403.5
11/27/2021 02:00:00 PM	132.563	21.653	85.591	35.842	0.735	404.1
11/27/2021 03:00:00 PM	59.172	21.499	85.113	34.563	0.189	404.6
11/27/2021 04:00:00 PM	30.331	21.519	86.931	13.648	0.574	404.9
11/27/2021 05:00:00 PM	5.822	21.016	90.511	86.605	0.19	405.6
11/27/2021 06:00:00 PM	1.083	21.266	90.149	214.507	0.197	406.4
11/27/2021 07:00:00 PM	1.083	21.41	88.221	79.339	1.286	406.7
11/27/2021 08:00:00 PM	5.552	21.677	82.573	108.603	0.436	406.7
11/27/2021 09:00:00 PM	4.604	21.58	83.94	299.793	1.273	406.7
11/27/2021 10:00:00 PM	-1.76	21.461	83.135	140.454	2.113	406.7
11/27/2021 11:00:00 PM	1.896	21.47	77.125	109.549	2.338	406.7
11/28/2021 12:00:00 AM	3.791	21.833	74.312	170.178	1.688	406.7
11/28/2021 01:00:00 AM	1.083	21.962	78.966	86.818	0.355	406.7

11/28/2021 02:00:00 AM	1.219	21.74	82.071	166.696	0.966	406.7
11/28/2021 03:00:00 AM	1.489	21.962	81.69	220.86	0.196	406.7
11/28/2021 04:00:00 AM	1.625	22.043	79.759	107.285	1.002	406.7
11/28/2021 05:00:00 AM	0.948	21.995	80.486	113.167	1.368	406.7
11/28/2021 06:00:00 AM	0.677	22.278	77.443	140.193	0.754	406.7
11/28/2021 07:00:00 AM	45.767	23.179	67.855	134.648	0.972	406.7
11/28/2021 08:00:00 AM	134.864	24.11	66.242	46.437	1.078	406.7
11/28/2021 09:00:00 AM	241.971	24.901	62.991	151.427	0.192	406.7
11/28/2021 10:00:00 AM	196.339	25.548	60.196	196.411	0.38	406.7
11/28/2021 11:00:00 AM	189.839	25.462	59.134	145.677	0.197	406.7
11/28/2021 12:00:00 PM	236.69	25.378	60.601	38.874	0.318	406.7
11/28/2021 01:00:00 PM	282.728	26.053	59.819	224.132	0.464	406.7
11/28/2021 02:00:00 PM	242.918	25.599	62.191	142.45	1.019	406.7
11/28/2021 03:00:00 PM	55.923	24.299	69.038	140.137	1.597	406.7
11/28/2021 04:00:00 PM	42.653	23.783	75.812	106.539	0.194	406.7
11/28/2021 05:00:00 PM	6.635	23.677	75.39	143.7	0.518	406.7
11/28/2021 06:00:00 PM	1.625	23.834	76.757	291.201	0.201	406.7
11/28/2021 07:00:00 PM	2.437	24.217	73.76	144.907	0.451	406.7
11/28/2021 08:00:00 PM	1.896	24.037	75.169	115.665	0.395	406.7
11/28/2021 09:00:00 PM	1.083	24.111	75.95	72.458	1.412	406.7
11/28/2021 10:00:00 PM	-5.822	24.857	70.583	119.957	1.008	406.7
11/28/2021 11:00:00 PM	1.219	24.217	74.285	98.525	0.54	406.7
11/29/2021 12:00:00 AM	2.573	24.599	71.471	201.833	0.781	406.7
11/29/2021 01:00:00 AM	2.708	24.183	74.667	350.014	0.204	406.7
11/29/2021 02:00:00 AM	2.302	24.09	74.465	70.357	0.192	406.7
11/29/2021 03:00:00 AM	2.979	23.976	75.775	190.76	0.652	406.7
11/29/2021 04:00:00 AM	2.573	24.077	73.063	127.251	0.346	406.7
11/29/2021 05:00:00 AM	2.573	24.122	73.219	125.488	1.809	406.7
11/29/2021 06:00:00 AM	0.948	23.521	77.233	89.129	1.146	406.7
11/29/2021 07:00:00 AM	21.53	24.051	71.611	100.569	0.732	406.7
11/29/2021 08:00:00 AM	87.879	24.63	69.686	204.378	0.197	406.7
11/29/2021 09:00:00 AM	202.703	25.989	62.907	302.165	1.067	406.7
11/29/2021 10:00:00 AM	869.713	27.76	59.255	338.599	0.699	406.7
11/29/2021 11:00:00 AM	741.89	28.532	54.921	35.93	0.719	406.7
11/29/2021 12:00:00 PM	748.66	29.325	52.786	211.666	1.79	406.7
11/29/2021 01:00:00 PM	689.217	29.511	53.061	37.936	1.132	406.7
11/29/2021 02:00:00 PM	207.171	28.366	55.144	99.722	0.373	406.7
11/29/2021 03:00:00 PM	399.719	28.08	55.407	96.946	0.367	406.7
11/29/2021 04:00:00 PM	163.164	27.679	56.847	290.645	0.435	406.7
11/29/2021 05:00:00 PM	6.635	26.237	63.288	95.58	1.182	406.7
11/29/2021 06:00:00 PM	-1.896	25.521	67.595	123.106	0.886	406.7
11/29/2021 07:00:00 PM	-1.625	25.365	67.605	153.552	0.48	406.7
11/29/2021 08:00:00 PM	0.135	25.363	66.058	140.35	1.335	406.7
11/29/2021 09:00:00 PM	-0.948	25.297	62.921	267.184	0.203	406.7
11/29/2021 10:00:00 PM	-0.271	25.492	63.469	98.97	0.59	406.7
11/29/2021 11:00:00 PM	-1.354	25.519	63.605	23.169	0.92	406.7
11/30/2021 12:00:00 AM	-0.677	25.747	62.017	153.824	0.53	406.7
11/30/2021 01:00:00 AM	1.354	24.917	67.397	58.132	0.425	406.7
11/30/2021 02:00:00 AM	0.812	24.219	70.094	51.808	0.434	406.7
11/30/2021 03:00:00 AM	1.219	23.459	74.332	104.6	0.305	406.7

11/30/2021 04:00:00 AM	2.979	22.778	77.326	232.188	1.003	406.7
11/30/2021 05:00:00 AM	1.489	22.208	81.082	252.478	0.963	406.7
11/30/2021 06:00:00 AM	1.489	22.702	79.624	272.567	0.202	406.7
11/30/2021 07:00:00 AM	44.819	23	78.352	124.567	0.194	406.7
11/30/2021 08:00:00 AM	58.902	23.786	75.604	265.841	1.089	406.7
11/30/2021 09:00:00 AM	150.301	24.395	78.188	27.142	0.194	406.7
11/30/2021 10:00:00 AM	216.785	24.966	71.124	79.163	0.531	406.7
11/30/2021 11:00:00 AM	269.729	25.871	62.548	176.444	0.997	406.7
11/30/2021 12:00:00 PM	232.086	24.825	68.153	168.262	0.621	406.7
11/30/2021 01:00:00 PM	191.735	24.394	63.437	109.994	1.067	406.7
11/30/2021 02:00:00 PM	61.339	24.212	64.974	137.323	0.195	406.7
11/30/2021 03:00:00 PM	128.5	24.307	63.208	126.002	0.546	406.7
11/30/2021 04:00:00 PM	12.187	22.954	68.409	167.625	0.676	406.7
11/30/2021 05:00:00 PM	-1.896	21.197	75.999	137.171	0.196	406.8
11/30/2021 06:00:00 PM	2.031	21.14	72.245	356.092	0.853	406.8
11/30/2021 07:00:00 PM	1.083	21.16	71.114	7.011	0.921	406.8
11/30/2021 08:00:00 PM	1.489	20.645	70.213	54.965	0.732	406.8
11/30/2021 09:00:00 PM	0.812	20.03	67.539	225.063	0.535	406.8
11/30/2021 10:00:00 PM	0.406	19.454	66.789	78.949	0.352	406.8
11/30/2021 11:00:00 PM	0.677	19.01	60.481	59.514	0.497	406.8
12/1/2021 12:00:00 AM	0.406	18.807	55.034	170.802	0.195	406.8
12/1/2021 01:00:00 AM	0.812	18.29	50.77	132.414	1.37	406.8