

	Pyranometer [W/m ²]	Temperature [°C]	RH [%RH]	Wind Direction [angle]	Wind Speed [m/s]	Rain sensor [mm]
10/1/2021 02:00:00 AM	-0.948	28.684	80.791	136.697	0.547	124.2
10/1/2021 03:00:00 AM	-0.542	28.534	77.455	225.572	1.085	124.2
10/1/2021 04:00:00 AM	0.135	28.283	77.797	152.07	0.203	124.2
10/1/2021 05:00:00 AM	1.354	28.524	76.914	232.585	1.041	124.2
10/1/2021 06:00:00 AM	11.239	28.06	78.082	263.583	1.309	124.2
10/1/2021 07:00:00 AM	91.264	28.779	75.206	221.751	0.683	124.2
10/1/2021 08:00:00 AM	156.529	29.008	72.958	196.663	0.655	124.2
10/1/2021 09:00:00 AM	646.699	31.784	63.071	160.827	0.751	124.2
10/1/2021 10:00:00 AM	713.184	34.951	53.909	117.42	0.834	124.2
10/1/2021 11:00:00 AM	388.345	34.923	56.376	159.316	0.202	124.2
10/1/2021 12:00:00 PM	970.455	31.057	64.614	112.266	1.297	124.5
10/1/2021 01:00:00 PM	744.056	34.865	55.235	11.595	0.198	124.5
10/1/2021 02:00:00 PM	101.284	32.501	67.111	139.489	1.231	124.9
10/1/2021 03:00:00 PM	174.132	32.106	69.921	176.707	0.32	125
10/1/2021 04:00:00 PM	272.708	31.527	67.526	92.088	0.482	125
10/1/2021 05:00:00 PM	51.861	30.835	68.228	10.814	0.746	125
10/1/2021 06:00:00 PM	0.948	30.201	71.928	167.385	0.202	125
10/1/2021 07:00:00 PM	0.812	29.834	72.008	356.123	0.759	125
10/1/2021 08:00:00 PM	-0.271	29.532	72.138	190.099	0.48	125
10/1/2021 09:00:00 PM	1.354	29.194	74.19	185.584	0.205	125
10/1/2021 10:00:00 PM	0.271	29.083	75.187	100.542	0.416	125
10/1/2021 11:00:00 PM	0.406	29.121	75.446	215.328	0.211	125
10/2/2021 12:00:00 AM	-0.135	28.993	76.834	198.853	0.202	125
10/2/2021 01:00:00 AM	-1.76	28.384	79.629	67.868	0.196	125
10/2/2021 02:00:00 AM	-1.625	28.051	81.462	130.841	0.199	125
10/2/2021 03:00:00 AM	-1.354	28.047	80.811	193.533	0.202	125
10/2/2021 04:00:00 AM	-1.083	27.85	82.436	98.215	1.011	125
10/2/2021 05:00:00 AM	-0.948	27.121	81.171	198.07	0.744	125
10/2/2021 06:00:00 AM	16.52	27.237	78.978	295.843	0.607	125
10/2/2021 07:00:00 AM	199.453	29.67	68.281	158.216	0.581	125
10/2/2021 08:00:00 AM	436.007	31.888	59.936	260.541	0.209	125
10/2/2021 09:00:00 AM	652.522	34.7	53.826	108.865	0.641	125
10/2/2021 10:00:00 AM	814.061	37.249	49.718	129.737	0.202	125
10/2/2021 11:00:00 AM	889.482	36.828	49.902	16.697	0.468	125
10/2/2021 12:00:00 PM	900.044	35.748	51.124	159.435	0.989	125
10/2/2021 01:00:00 PM	872.015	35.537	53.383	16.18	0.204	125
10/2/2021 02:00:00 PM	686.915	35.049	54.773	174.796	1.031	125
10/2/2021 03:00:00 PM	419.488	33.812	56.834	62	0.202	125
10/2/2021 04:00:00 PM	263.229	32.431	60.163	82.229	1.007	125
10/2/2021 05:00:00 PM	65.537	31.406	61.729	355.876	1.274	125
10/2/2021 06:00:00 PM	-2.031	29.949	65.127	112.151	0.439	125
10/2/2021 07:00:00 PM	-1.489	29.446	65.466	130.28	0.828	125
10/2/2021 08:00:00 PM	-1.76	29.674	63.804	71.629	1.044	125
10/2/2021 09:00:00 PM	-1.354	29.692	62.935	109.435	2.736	125
10/2/2021 10:00:00 PM	-2.437	29.709	62.946	116.14	0.753	125
10/2/2021 11:00:00 PM	-1.354	29.371	62.91	90.994	0.794	125
10/3/2021 12:00:00 AM	-2.166	29.501	62.429	345.606	0.652	125
10/3/2021 01:00:00 AM	-3.521	29.522	60.76	249.559	1.035	125

10/3/2021 02:00:00 AM	-1.76	29.478	60.28	72.503	2.44	125
10/3/2021 03:00:00 AM	-1.489	29.065	63.009	107.536	0.2	125
10/3/2021 04:00:00 AM	-2.573	28.692	64.437	80.99	0.197	125
10/3/2021 05:00:00 AM	-1.354	28.799	63.716	129.369	1.921	125
10/3/2021 06:00:00 AM	13.947	28.51	64.342	31.416	0.514	125
10/3/2021 07:00:00 AM	223.962	30.365	58.38	100.01	0.931	125
10/3/2021 08:00:00 AM	480.691	32.548	50.779	155.659	0.721	125
10/3/2021 09:00:00 AM	681.905	33.685	43.858	117.345	0.205	125
10/3/2021 10:00:00 AM	822.592	34.941	42.24	103.137	1.066	125
10/3/2021 11:00:00 AM	918.053	35.567	40.813	36.13	0.202	125
10/3/2021 12:00:00 PM	932.677	35.764	40.31	106.206	1.847	125
10/3/2021 01:00:00 PM	871.88	35.733	39.676	108.389	2.06	125
10/3/2021 02:00:00 PM	738.64	35.905	37.837	122.679	1.568	125
10/3/2021 03:00:00 PM	547.582	34.631	41.203	107.476	1.765	125
10/3/2021 04:00:00 PM	316.444	33.221	46.493	86.298	0.26	125
10/3/2021 05:00:00 PM	87.066	32.055	50.775	101.393	0.203	125
10/3/2021 06:00:00 PM	-2.573	31.143	55.232	18.254	0.409	125
10/3/2021 07:00:00 PM	-2.437	31.098	56.625	71.18	1.049	125
10/3/2021 08:00:00 PM	-2.979	31.048	58.698	166.287	1.12	125
10/3/2021 09:00:00 PM	-1.76	30.86	60.619	105.509	1.212	125
10/3/2021 10:00:00 PM	-2.573	31.017	59.961	191.627	1.249	125
10/3/2021 11:00:00 PM	-1.76	31.027	60.883	137.07	1.161	125
10/4/2021 12:00:00 AM	-1.219	31.252	60.341	116.789	0.535	125
10/4/2021 01:00:00 AM	-0.135	30.989	61.045	271.821	0.206	125
10/4/2021 02:00:00 AM	-0.677	30.872	62.508	108.672	1.143	125
10/4/2021 03:00:00 AM	-1.76	30.838	63.435	57.378	0.892	125
10/4/2021 04:00:00 AM	-2.302	30.76	63.615	194.514	0.203	125
10/4/2021 05:00:00 AM	-2.166	30.67	64.846	66.978	0.987	125
10/4/2021 06:00:00 AM	11.645	30.518	62.026	356.281	0.211	125
10/4/2021 07:00:00 AM	245.356	32.139	55.671	79.401	0.201	125
10/4/2021 08:00:00 AM	478.39	33.457	52.212	61.399	0.83	125
10/4/2021 09:00:00 AM	679.738	34.688	48.06	61.872	2.028	125
10/4/2021 10:00:00 AM	815.144	35.321	44.727	151.853	3.052	125
10/4/2021 11:00:00 AM	903.565	35.41	45.579	76.339	1.616	125
10/4/2021 12:00:00 PM	923.063	35.522	47.359	110.846	1.034	125
10/4/2021 01:00:00 PM	920.626	36.309	45.917	31.49	0.554	125
10/4/2021 02:00:00 PM	734.442	35.012	40.773	115.703	2.292	125
10/4/2021 03:00:00 PM	536.885	34.832	43.676	131.116	0.206	125
10/4/2021 04:00:00 PM	305.341	33.823	46.402	148.538	1.37	125
10/4/2021 05:00:00 PM	78.942	32.976	53.609	70.305	0.819	125
10/4/2021 06:00:00 PM	-1.625	32.007	58.265	85.71	0.41	125
10/4/2021 07:00:00 PM	-0.677	30.983	68.022	72.964	0.759	125
10/4/2021 08:00:00 PM	-2.302	30.706	67.837	197.418	0.858	125
10/4/2021 09:00:00 PM	-2.031	30.771	68.132	158.041	0.432	125
10/4/2021 10:00:00 PM	-3.791	30.463	67.998	153.824	0.559	125
10/4/2021 11:00:00 PM	-2.166	30.297	65.85	167.897	0.469	125
10/5/2021 12:00:00 AM	-3.521	30.117	62.797	137.491	2.79	125
10/5/2021 01:00:00 AM	-2.031	29.938	65.747	249.852	1.315	125
10/5/2021 02:00:00 AM	-1.489	29.878	61.507	98.944	0.541	125
10/5/2021 03:00:00 AM	-3.25	29.834	59.917	131.802	1.12	125

10/5/2021 04:00:00 AM	-2.437	29.615	59.623	92.861	0.741	125
10/5/2021 05:00:00 AM	-2.166	29.639	58.139	79.003	0.753	125
10/5/2021 06:00:00 AM	9.343	29.505	60.377	19.821	1.462	125
10/5/2021 07:00:00 AM	221.118	31.47	54.166	48.062	0.858	125
10/5/2021 08:00:00 AM	460.381	32.523	51.317	69.756	2.108	125
10/5/2021 09:00:00 AM	565.591	32.452	53.974	109.897	0.432	125
10/5/2021 10:00:00 AM	823.269	33.761	48.335	339.598	1.189	125
10/5/2021 11:00:00 AM	913.991	34.488	45.614	128.969	1.725	125
10/5/2021 12:00:00 PM	951.363	34.711	45.169	172.721	1.402	125
10/5/2021 01:00:00 PM	919.407	34.979	43.718	131.276	1.273	125
10/5/2021 02:00:00 PM	726.183	34.754	43.736	294.586	0.524	125
10/5/2021 03:00:00 PM	534.448	33.701	46.98	147.479	4.683	125
10/5/2021 04:00:00 PM	298.841	33.33	48.891	131.363	2.526	125
10/5/2021 05:00:00 PM	81.921	32.331	57.383	107.287	0.891	125
10/5/2021 06:00:00 PM	-5.958	30.666	68.029	121.902	1.128	125
10/5/2021 07:00:00 PM	0.406	30.708	67.227	138.762	2.182	125
10/5/2021 08:00:00 PM	0.542	29.566	64.14	354.073	0.336	125
10/5/2021 09:00:00 PM	-1.219	29.035	63.755	170.41	1.514	125
10/5/2021 10:00:00 PM	-0.271	29.582	65.623	115.694	0.414	125
10/5/2021 11:00:00 PM	-5.281	29.322	71.688	87.558	1.905	125
10/6/2021 12:00:00 AM	-5.416	29.288	71.604	70.359	1.677	125
10/6/2021 01:00:00 AM	0.135	28.876	74.22	99.351	0.646	125
10/6/2021 02:00:00 AM	-1.896	29.235	69.979	337.48	0.484	125
10/6/2021 03:00:00 AM	-1.219	28.926	72.128	78.618	0.856	125
10/6/2021 04:00:00 AM	-2.844	28.972	71.405	118.008	0.198	125
10/6/2021 05:00:00 AM	-1.625	29.44	70.106	133.087	0.873	125
10/6/2021 06:00:00 AM	8.124	29.278	70.685	166.672	0.593	125
10/6/2021 07:00:00 AM	218.816	31.225	64.088	111.541	0.715	125
10/6/2021 08:00:00 AM	497.617	32.657	60.001	152.36	0.427	125
10/6/2021 09:00:00 AM	800.25	32.293	60.642	20.585	1.439	125
10/6/2021 10:00:00 AM	816.498	34.051	53.823	196.615	0.406	125
10/6/2021 11:00:00 AM	910.876	34.935	51.336	155.946	0.784	125
10/6/2021 12:00:00 PM	1055.761	34.826	48.582	66.168	1.371	125
10/6/2021 01:00:00 PM	171.289	32.115	58.21	105.385	2.301	125
10/6/2021 02:00:00 PM	823.946	34.29	51.109	143.561	1.103	125
10/6/2021 03:00:00 PM	629.096	33.768	52.69	109.485	1.611	125
10/6/2021 04:00:00 PM	297.893	32.992	54.774	89.919	1.691	125
10/6/2021 05:00:00 PM	86.931	32.136	58.984	87.27	0.92	125
10/6/2021 06:00:00 PM	-1.896	31.391	63.551	144.294	1.774	125
10/6/2021 07:00:00 PM	0.135	31.225	62.977	150.6	0.231	125
10/6/2021 08:00:00 PM	-1.083	31.33	63.199	65.925	0.641	125
10/6/2021 09:00:00 PM	-2.166	31.214	64.575	118.715	1.86	125
10/6/2021 10:00:00 PM	-1.219	31.181	61.933	91.826	2.508	125
10/6/2021 11:00:00 PM	-2.979	30.982	62.778	105.641	0.518	125
10/7/2021 12:00:00 AM	-2.979	30.896	57.383	146.766	1.751	125
10/7/2021 01:00:00 AM	-4.198	30.698	58.231	118.7	0.887	125
10/7/2021 02:00:00 AM	-2.844	30.728	60.663	159.595	0.801	125
10/7/2021 03:00:00 AM	-0.812	30.607	62.815	78.705	0.488	125
10/7/2021 04:00:00 AM	-0.948	30.635	62.704	144.719	0.94	125
10/7/2021 05:00:00 AM	-1.625	30.467	62.328	53.976	0.844	125

10/7/2021 06:00:00 AM	7.854	30.215	61.645	183.595	0.202	125
10/7/2021 07:00:00 AM	221.66	31.715	59.302	224.989	0.448	125
10/7/2021 08:00:00 AM	125.115	32.796	55.137	95.046	0.981	125
10/7/2021 09:00:00 AM	735.796	34.503	50.29	144.94	1.192	125
10/7/2021 10:00:00 AM	840.465	34.664	50.159	222.403	0.206	125
10/7/2021 11:00:00 AM	904.242	35.459	47.38	254.934	1.274	125
10/7/2021 12:00:00 PM	912.095	36.225	45.556	116.106	2.12	125
10/7/2021 01:00:00 PM	835.726	35.954	45.546	140.128	1.012	125
10/7/2021 02:00:00 PM	713.59	35.242	47.416	42.363	1.339	125
10/7/2021 03:00:00 PM	477.983	34.859	49.944	84.413	0.728	125
10/7/2021 04:00:00 PM	295.456	33.938	53.457	78.051	3.09	125
10/7/2021 05:00:00 PM	19.905	32.745	57.717	77.508	0.688	125
10/7/2021 06:00:00 PM	-1.896	32.029	59.266	109.656	1.123	125
10/7/2021 07:00:00 PM	-2.166	31.554	61.795	122.542	0.202	125
10/7/2021 08:00:00 PM	-1.489	31.008	64.063	15.291	0.669	125
10/7/2021 09:00:00 PM	-0.135	30.874	64.885	149.361	0.921	125
10/7/2021 10:00:00 PM	-0.948	30.968	65.818	172.758	0.718	125
10/7/2021 11:00:00 PM	-1.896	31.139	63.263	130.312	2.298	125
10/8/2021 12:00:00 AM	-0.812	30.774	61.267	132.743	0.664	125
10/8/2021 01:00:00 AM	-0.948	30.903	59.589	60.549	0.552	125
10/8/2021 02:00:00 AM	-2.844	30.994	58.957	161.68	1.543	125
10/8/2021 03:00:00 AM	-2.437	30.608	60.068	116.427	0.199	125
10/8/2021 04:00:00 AM	-2.302	30.644	59.578	324.408	0.211	125
10/8/2021 05:00:00 AM	-2.844	30.631	57.527	345.574	0.582	125
10/8/2021 06:00:00 AM	6.499	30.544	59.217	68.136	0.99	125
10/8/2021 07:00:00 AM	193.901	31.252	59	125.145	1.468	125
10/8/2021 08:00:00 AM	130.396	31.586	58.762	2.111	0.189	125
10/8/2021 09:00:00 AM	840.872	33.945	51.695	131.862	0.628	125
10/8/2021 10:00:00 AM	777.366	34.233	51.996	62.923	0.732	125
10/8/2021 11:00:00 AM	985.214	34.728	50.556	55.845	0.488	125
10/8/2021 12:00:00 PM	974.653	34.34	52.839	33.607	0.863	125
10/8/2021 01:00:00 PM	414.207	34.03	52.857	107.778	0.206	125
10/8/2021 02:00:00 PM	633.971	33.487	57.008	99.416	1.125	125
10/8/2021 03:00:00 PM	174.945	33.034	58.43	90.399	0.779	125
10/8/2021 04:00:00 PM	354.493	32.582	59.031	188.613	1.512	125
10/8/2021 05:00:00 PM	27.758	31.987	61.618	107.831	0.383	125
10/8/2021 06:00:00 PM	-1.354	31.605	64.534	128.329	1.746	125
10/8/2021 07:00:00 PM	-1.083	31.567	63.181	184.376	1.236	125
10/8/2021 08:00:00 PM	0.948	31.662	62.859	312.596	1.555	125
10/8/2021 09:00:00 PM	0.677	30.937	64.274	168.735	0.701	125
10/8/2021 10:00:00 PM	-0.271	31.124	64.124	71.128	1.085	125
10/8/2021 11:00:00 PM	0.677	31.012	62.615	81.433	0.355	125
10/9/2021 12:00:00 AM	0.812	31.181	60.605	118.714	1.582	125
10/9/2021 01:00:00 AM	0.271	30.943	62.957	5.281	0.458	125
10/9/2021 02:00:00 AM	-2.166	30.908	63.316	247.355	0.205	125
10/9/2021 03:00:00 AM	-0.406	31.025	63.947	15.716	0.528	125
10/9/2021 04:00:00 AM	-1.083	30.953	64.051	243.526	0.827	125
10/9/2021 05:00:00 AM	-0.948	30.097	70.408	136.532	0.977	125
10/9/2021 06:00:00 AM	8.395	29.463	74.04	153.046	1.404	125
10/9/2021 07:00:00 AM	163.571	29.962	73.225	288.302	0.209	125

10/9/2021 08:00:00 AM	381.303	32.286	60.38	143.352	0.204	125
10/9/2021 09:00:00 AM	264.177	32.873	59.568	85.028	0.298	125
10/9/2021 10:00:00 AM	799.844	32.735	53.983	113.949	4.257	125
10/9/2021 11:00:00 AM	937.01	34.473	46.19	109.038	1.211	125
10/9/2021 12:00:00 PM	287.061	33.977	49.34	52.585	0.851	125
10/9/2021 01:00:00 PM	315.767	34.342	51.221	40.413	1.104	125
10/9/2021 02:00:00 PM	708.444	34.492	51.11	252.508	0.407	125
10/9/2021 03:00:00 PM	458.756	33.826	52.89	127.778	1.081	125
10/9/2021 04:00:00 PM	250.23	33.231	54.538	71.251	0.22	125
10/9/2021 05:00:00 PM	61.068	31.949	61.552	164.502	2.4	125
10/9/2021 06:00:00 PM	-1.489	30.51	65.248	121.046	0.93	125
10/9/2021 07:00:00 PM	-1.083	30.169	66.753	39.824	0.978	125
10/9/2021 08:00:00 PM	-0.677	30.18	67.229	33.955	0.199	125
10/9/2021 09:00:00 PM	-1.489	29.868	68.72	252.868	0.6	125
10/9/2021 10:00:00 PM	-1.625	29.719	69.282	104.839	0.527	125
10/9/2021 11:00:00 PM	-1.625	29.595	68.717	39.113	1.62	125
10/10/2021 12:00:00 AM	-1.625	29.603	66.787	77.689	1.025	125
10/10/2021 01:00:00 AM	-1.76	29.622	66.685	80.94	0.994	125
10/10/2021 02:00:00 AM	-0.271	29.613	68.087	247.907	0.666	125
10/10/2021 03:00:00 AM	0.406	29.849	69.054	188.239	1.272	125
10/10/2021 04:00:00 AM	-0.406	30.083	70.017	126.768	0.224	125
10/10/2021 05:00:00 AM	-1.354	30.069	67.544	173.223	0.987	125
10/10/2021 06:00:00 AM	7.718	29.811	67.65	165.878	0.652	125
10/10/2021 07:00:00 AM	216.379	31.408	62.534	133.179	0.256	125
10/10/2021 08:00:00 AM	453.61	33.571	54.162	72.033	0.853	125
10/10/2021 09:00:00 AM	664.437	34.227	52.736	139.391	0.276	125
10/10/2021 10:00:00 AM	808.51	34.296	50.765	139.398	1.521	125
10/10/2021 11:00:00 AM	1103.288	31.543	67.829	93.196	1.535	125
10/10/2021 12:00:00 PM	932.135	34.711	51.253	135.553	1.871	125
10/10/2021 01:00:00 PM	830.31	35.122	45.366	166.552	0.801	125
10/10/2021 02:00:00 PM	174.945	35.118	44.32	158.269	1.099	125
10/10/2021 03:00:00 PM	521.313	34.653	43.713	138.896	1.691	125
10/10/2021 04:00:00 PM	284.894	33.782	45.655	118.803	1.632	125
10/10/2021 05:00:00 PM	61.881	32.521	56.47	196.654	1.109	125
10/10/2021 06:00:00 PM	-1.625	31.076	66.596	67.266	0.684	125
10/10/2021 07:00:00 PM	-0.542	30.41	71.353	113.568	0.792	125
10/10/2021 08:00:00 PM	-3.385	29.299	79.654	343.065	0.209	125.2
10/10/2021 09:00:00 PM	1.219	29.391	80.289	124.915	1.101	125.3
10/10/2021 10:00:00 PM	-0.948	29.43	80.953	44.54	0.431	125.3
10/10/2021 11:00:00 PM	2.031	28.556	88.26	74.42	1.185	131.5
10/11/2021 12:00:00 AM	1.083	28.925	84.777	154.382	1.302	131.6
10/11/2021 01:00:00 AM	3.385	28.725	83.663	212.438	0.203	131.8
10/11/2021 02:00:00 AM	0.677	27.893	89.154	215.806	0.203	133.6
10/11/2021 03:00:00 AM	2.979	28.402	85.691	91.87	1.149	134.4
10/11/2021 04:00:00 AM	2.437	28.111	89.085	51.758	0.551	139.4
10/11/2021 05:00:00 AM	3.25	27.712	90.252	213.156	0.204	145
10/11/2021 06:00:00 AM	8.26	27.894	91.574	152.142	1.569	153.3
10/11/2021 07:00:00 AM	111.575	28.528	87.421	93.727	1.242	154.5
10/11/2021 08:00:00 AM	44.007	28.456	89.992	86.746	0.502	159
10/11/2021 09:00:00 AM	86.795	28.659	88.903	149.307	1.279	163.8

10/11/2021 10:00:00 AM	395.25	28.505	90.716	24.539	1.001	173
10/11/2021 11:00:00 AM	52.673	29.04	87.223	129.158	0.857	182.5
10/11/2021 12:00:00 PM	68.38	28.333	92.769	97.328	0.48	198.2
10/11/2021 01:00:00 PM	292.612	28.7	84.507	109.918	0.924	198.3
10/11/2021 02:00:00 PM	229.378	29.552	81.133	189.785	0.549	198.3
10/11/2021 03:00:00 PM	246.033	29.632	80.568	124.224	0.201	198.3
10/11/2021 04:00:00 PM	88.826	28.693	87.237	12.911	0.197	200.8
10/11/2021 05:00:00 PM	6.499	28.743	86.452	241.324	0.208	202.3
10/11/2021 06:00:00 PM	1.489	28.913	87.679	356.136	0.435	207.8
10/11/2021 07:00:00 PM	0	29.187	84.726	38.583	0.536	208.4
10/11/2021 08:00:00 PM	1.76	28.858	86.269	156.688	1.066	209.4
10/11/2021 09:00:00 PM	2.437	29.133	84.985	20.155	0.197	209.9
10/11/2021 10:00:00 PM	2.573	28.475	90.633	40.297	0.509	218.6
10/11/2021 11:00:00 PM	1.76	27.978	88.069	96.211	0.856	230
10/12/2021 12:00:00 AM	4.333	28.392	85.685	136.772	0.774	230.8
10/12/2021 01:00:00 AM	2.302	27.81	90.165	97.176	0.683	234.2
10/12/2021 02:00:00 AM	1.354	28.404	85.342	97.943	0.58	236.8
10/12/2021 03:00:00 AM	1.489	28.335	85.069	12.153	0.202	238.5
10/12/2021 04:00:00 AM	3.114	29.305	83.331	61.232	0.697	242.8
10/12/2021 05:00:00 AM	4.468	30.17	77.73	215.616	0.667	243.7
10/12/2021 06:00:00 AM	-1.083	29.842	79.454	121.83	0.962	243.9
10/12/2021 07:00:00 AM	23.29	29.837	82.189	57.851	1.775	245.6
10/12/2021 08:00:00 AM	84.087	29.593	81.527	356.24	1.387	246.5
10/12/2021 09:00:00 AM	76.775	29.312	85.044	142.36	0.803	250.1
10/12/2021 10:00:00 AM	371.96	30.612	79.342	57.918	1.829	254.7
10/12/2021 11:00:00 AM	851.162	31.451	73.57	81.993	1.63	256.1
10/12/2021 12:00:00 PM	208.796	30.022	81.551	222.037	1.126	256.8
10/12/2021 01:00:00 PM	854.006	32.303	69.024	90.299	1.774	257.2
10/12/2021 02:00:00 PM	145.562	32.967	61.739	145.615	0.335	257.2
10/12/2021 03:00:00 PM	147.999	32.11	65.222	79.82	2.159	257.2
10/12/2021 04:00:00 PM	67.703	31.427	69.963	255.469	0.594	257.3
10/12/2021 05:00:00 PM	36.695	30.536	74.338	185.127	0.689	257.9
10/12/2021 06:00:00 PM	0.135	30.257	75.78	122.771	1.106	259.3
10/12/2021 07:00:00 PM	-2.302	29.493	80.856	88.102	0.197	259.6
10/12/2021 08:00:00 PM	-1.625	29.515	80.354	127.652	0.573	259.9
10/12/2021 09:00:00 PM	2.031	30.069	74.857	120.335	0.197	260.2
10/12/2021 10:00:00 PM	-5.552	29.622	79.698	99.631	0.886	260.3
10/12/2021 11:00:00 PM	-4.739	29.384	78.309	127.436	0.2	260.7
10/13/2021 12:00:00 AM	-5.416	29.536	80.479	173.639	1.551	260.8
10/13/2021 01:00:00 AM	-2.708	29.683	79.477	66.112	0.236	260.9
10/13/2021 02:00:00 AM	-4.198	29.431	80.239	136.244	2.646	261
10/13/2021 03:00:00 AM	-0.271	28.949	83.896	112.162	0.197	261.9
10/13/2021 04:00:00 AM	2.979	29.412	76.463	93.449	0.381	261.9
10/13/2021 05:00:00 AM	-4.198	29.616	78.355	88.777	1.578	261.9
10/13/2021 06:00:00 AM	15.03	30.38	71.423	39.461	1.518	261.9
10/13/2021 07:00:00 AM	126.74	30.537	73.111	177.727	2.331	261.9
10/13/2021 08:00:00 AM	176.705	30.68	73.798	136.576	1.375	261.9
10/13/2021 09:00:00 AM	105.752	30.221	77.226	99.271	2.371	262
10/13/2021 10:00:00 AM	124.574	30.326	74.957	69.586	0.932	262.1
10/13/2021 11:00:00 AM	114.147	28.575	84.558	68.496	0.964	263.7

10/13/2021 12:00:00 PM	213.129	28.83	84.319	43.356	0.2	267.3
10/13/2021 01:00:00 PM	170.476	29.227	80.719	17.589	0.198	267.8
10/13/2021 02:00:00 PM	124.167	30.221	75.227	174.187	0.787	267.9
10/13/2021 03:00:00 PM	152.738	29.295	77.364	304.585	0.206	268.2
10/13/2021 04:00:00 PM	107.512	29.796	74.255	127.474	0.864	268.4
10/13/2021 05:00:00 PM	40.351	29.778	73.349	125.819	0.842	268.4
10/13/2021 06:00:00 PM	-0.812	29.474	75.898	160.603	0.698	268.4
10/13/2021 07:00:00 PM	0.542	29.425	77.227	151.642	1.147	268.4
10/13/2021 08:00:00 PM	-0.271	29.204	79.443	160.301	0.661	268.4
10/13/2021 09:00:00 PM	-0.135	29.158	76.298	175.817	0.662	268.4
10/13/2021 10:00:00 PM	-1.896	27.973	85.577	26.257	0.192	269.5
10/13/2021 11:00:00 PM	0	27.791	87.828	148.006	0.2	271
10/14/2021 12:00:00 AM	-0.406	28.221	86.08	54.672	1.089	271.7
10/14/2021 01:00:00 AM	-0.677	28.546	77.499	135.575	0.821	272
10/14/2021 02:00:00 AM	3.656	28.799	75.629	114.719	1.273	272
10/14/2021 03:00:00 AM	4.333	29.565	68.782	286.024	0.459	272
10/14/2021 04:00:00 AM	1.896	29.692	68.401	139.787	0.695	272
10/14/2021 05:00:00 AM	-1.896	29.873	68.257	180.574	0.796	272
10/14/2021 06:00:00 AM	1.083	29.293	73.291	76.865	0.194	272
10/14/2021 07:00:00 AM	65.672	29.501	72.117	71.036	0.194	272
10/14/2021 08:00:00 AM	183.611	30.676	67.643	160.29	0.633	272
10/14/2021 09:00:00 AM	144.207	29.716	65.15	87.126	0.2	272
10/14/2021 10:00:00 AM	277.853	31.005	64.914	74.603	0.525	272
10/14/2021 11:00:00 AM	272.166	30.301	73.833	24.206	0.195	272
10/14/2021 12:00:00 PM	341.359	30.621	71.845	72.456	1.017	272.4
10/14/2021 01:00:00 PM	359.368	31.461	63.876	91.793	1.427	272.4
10/14/2021 02:00:00 PM	318.746	31.463	65.411	57.098	1.064	272.4
10/14/2021 03:00:00 PM	219.493	31.155	65.097	128.207	0.674	272.4
10/14/2021 04:00:00 PM	105.346	30.824	65.922	220.001	0.678	272.4
10/14/2021 05:00:00 PM	24.373	30.529	66.849	154.114	0.785	272.4
10/14/2021 06:00:00 PM	0	30.103	68.807	101.904	0.674	272.4
10/14/2021 07:00:00 PM	-1.625	29.815	71.68	144.217	0.202	272.4
10/14/2021 08:00:00 PM	-1.354	29.521	74.754	223.519	0.202	272.4
10/14/2021 09:00:00 PM	-3.385	29.377	73.042	172.936	0.67	272.4
10/14/2021 10:00:00 PM	-0.406	29.243	73.242	46.766	1.144	272.4
10/14/2021 11:00:00 PM	0.135	29.087	75.278	101.89	0.424	272.4
10/15/2021 12:00:00 AM	-0.677	28.966	72.86	93.291	0.195	272.4
10/15/2021 01:00:00 AM	-0.271	29.385	68.547	106.024	0.878	272.4
10/15/2021 02:00:00 AM	-1.489	28.885	68.982	57.946	0.559	272.4
10/15/2021 03:00:00 AM	-0.812	28.592	69.161	160.112	1.632	272.4
10/15/2021 04:00:00 AM	-1.489	28.524	67.124	111.977	0.199	272.4
10/15/2021 05:00:00 AM	-2.031	28.464	66.901	107.383	0.197	272.4
10/15/2021 06:00:00 AM	9.885	28.296	68.544	201.097	0.653	272.4
10/15/2021 07:00:00 AM	105.888	28.828	67.111	92.901	1.395	272.4
10/15/2021 08:00:00 AM	574.257	31.012	59.689	119.358	0.608	272.4
10/15/2021 09:00:00 AM	674.322	32.475	53.58	128.627	0.786	272.4
10/15/2021 10:00:00 AM	850.079	33.23	48.676	105.991	2.211	272.4
10/15/2021 11:00:00 AM	495.315	32.741	49.801	74.455	0.999	272.4
10/15/2021 12:00:00 PM	534.312	33.221	47.754	174.477	0.958	272.4
10/15/2021 01:00:00 PM	835.049	33.635	45.153	100.015	2.4	272.4

10/15/2021 02:00:00 PM	674.864	33.641	46.089	115.055	0.571	272.4
10/15/2021 03:00:00 PM	629.232	33.679	48.459	149.38	1.704	272.4
10/15/2021 04:00:00 PM	315.767	32.608	50.715	125.95	1.175	272.4
10/15/2021 05:00:00 PM	49.829	31.461	54.878	86.109	1.431	272.4
10/15/2021 06:00:00 PM	-1.896	30.324	60.795	114.798	0.199	272.4
10/15/2021 07:00:00 PM	-2.166	29.997	65.947	123.905	0.98	272.4
10/15/2021 08:00:00 PM	-0.948	29.893	64.709	108.365	1.654	272.4
10/15/2021 09:00:00 PM	-1.625	29.927	63.788	119.025	0.524	272.4
10/15/2021 10:00:00 PM	-1.083	29.553	68.315	182.114	0.204	272.4
10/15/2021 11:00:00 PM	-1.354	29.497	68.768	54.946	0.2	272.4
10/16/2021 12:00:00 AM	-0.406	29.533	67.301	121.561	1.541	272.4
10/16/2021 01:00:00 AM	-2.031	29.319	65.573	73.092	1.206	272.4
10/16/2021 02:00:00 AM	-1.083	29.157	67.454	58.393	0.2	272.4
10/16/2021 03:00:00 AM	-1.083	28.677	68.762	115.58	0.768	272.4
10/16/2021 04:00:00 AM	-2.166	28.555	69.224	23.087	0.826	272.4
10/16/2021 05:00:00 AM	-1.625	28.492	71.957	93.817	0.209	272.4
10/16/2021 06:00:00 AM	10.697	28.376	70.671	135.671	0.639	272.4
10/16/2021 07:00:00 AM	223.555	31.164	59.562	92.971	0.676	272.4
10/16/2021 08:00:00 AM	431.539	32.639	55.43	144.772	0.839	272.4
10/16/2021 09:00:00 AM	673.51	33.681	49.755	122.438	1.709	272.4
10/16/2021 10:00:00 AM	825.029	34.379	50.425	100.934	0.575	272.4
10/16/2021 11:00:00 AM	861.995	34.656	45.38	174.083	1.176	272.4
10/16/2021 12:00:00 PM	914.668	34.889	42.549	247.155	1.094	272.4
10/16/2021 01:00:00 PM	248.199	34.876	46.114	73.535	0.566	272.4
10/16/2021 02:00:00 PM	237.367	33.626	56.568	151.788	1.178	272.4
10/16/2021 03:00:00 PM	180.361	32.413	60.795	143.78	0.641	272.4
10/16/2021 04:00:00 PM	213.671	30.599	64.148	240.199	0.208	272.4
10/16/2021 05:00:00 PM	20.717	28.035	78.956	121.227	1.51	272.4
10/16/2021 06:00:00 PM	1.896	27.04	87.485	355.033	0.209	276.7
10/16/2021 07:00:00 PM	1.76	27.056	82.853	152.109	0.201	277.8
10/16/2021 08:00:00 PM	4.739	26.836	77.565	296.441	0.598	278
10/16/2021 09:00:00 PM	0	26.375	75.541	118.689	0.606	278.1
10/16/2021 10:00:00 PM	0.271	25.123	81.119	11.185	0.193	279
10/16/2021 11:00:00 PM	-1.625	25.105	82.462	109.219	0.202	279.2
10/17/2021 12:00:00 AM	-2.031	24.443	81.096	136.115	0.718	279.3
10/17/2021 01:00:00 AM	-0.677	24.046	82.333	132.173	1.135	279.4
10/17/2021 02:00:00 AM	-2.708	23.932	79.024	117.736	0.805	279.5
10/17/2021 03:00:00 AM	2.166	23.983	74.382	61.732	0.196	279.5
10/17/2021 04:00:00 AM	2.844	23.879	71.827	41.456	0.228	279.5
10/17/2021 05:00:00 AM	1.625	24.34	68.371	319.258	0.205	279.5
10/17/2021 06:00:00 AM	6.229	24.506	65.879	75.547	0.448	279.5
10/17/2021 07:00:00 AM	49.017	24.062	70.38	170.206	0.376	279.5
10/17/2021 08:00:00 AM	61.61	24.315	71.489	37.896	0.613	279.5
10/17/2021 09:00:00 AM	159.102	24.113	70.977	126.967	1.01	279.5
10/17/2021 10:00:00 AM	294.779	23.81	73.519	109.02	2.463	279.5
10/17/2021 11:00:00 AM	226.399	24.059	71.306	173.435	0.2	279.5
10/17/2021 12:00:00 PM	237.638	24.504	65.262	346.142	1.632	279.5
10/17/2021 01:00:00 PM	233.305	24.847	63.534	120.657	1.424	279.5
10/17/2021 02:00:00 PM	223.42	25.223	59.149	135.741	0.667	279.5
10/17/2021 03:00:00 PM	220.712	25.435	59.824	158.452	0.202	279.5

10/17/2021 04:00:00 PM	68.245	25.049	60.177	34.436	0.198	279.5
10/17/2021 05:00:00 PM	8.395	24.247	63.575	305.42	0.227	279.5
10/17/2021 06:00:00 PM	0.406	23.699	69.819	135.611	0.879	279.5
10/17/2021 07:00:00 PM	1.489	22.872	74.679	153.992	1.896	279.5
10/17/2021 08:00:00 PM	-3.927	22.029	81.628	74.605	0.465	279.5
10/17/2021 09:00:00 PM	0.542	22.221	80.343	94.066	0.194	280
10/17/2021 10:00:00 PM	-0.812	22.363	78.553	137.935	1.161	280
10/17/2021 11:00:00 PM	1.354	22.412	78.587	12.503	0.335	280
10/18/2021 12:00:00 AM	-3.791	21.826	83.337	77.667	0.197	280
10/18/2021 01:00:00 AM	-0.812	21.909	84.336	150.242	0.192	280
10/18/2021 02:00:00 AM	0.406	22.233	81.257	22.276	0.193	280
10/18/2021 03:00:00 AM	0.406	22.266	79.754	48.54	0.24	280
10/18/2021 04:00:00 AM	0.677	22.38	77.804	135.147	0.831	280
10/18/2021 05:00:00 AM	1.219	22.627	76.986	86.396	0.423	280
10/18/2021 06:00:00 AM	-1.896	21.7	82.888	142.81	1.234	280.2
10/18/2021 07:00:00 AM	60.662	21.866	85.91	137.911	0.338	280.6
10/18/2021 08:00:00 AM	197.151	23.263	79.134	3.203	0.184	280.6
10/18/2021 09:00:00 AM	184.694	24.924	68.324	146.598	0.198	280.6
10/18/2021 10:00:00 AM	306.966	25.453	65.638	8.352	0.951	280.6
10/18/2021 11:00:00 AM	216.514	26.308	57.6	141.817	0.198	280.6
10/18/2021 12:00:00 PM	324.027	26.866	56.492	96.091	1.073	280.6
10/18/2021 01:00:00 PM	239.127	26.487	59.314	47.544	0.195	280.6
10/18/2021 02:00:00 PM	179.007	25.871	62.3	68.812	0.571	280.6
10/18/2021 03:00:00 PM	112.793	25.721	64.827	115.086	0.987	280.6
10/18/2021 04:00:00 PM	41.163	25.284	67.267	287.616	0.202	280.6
10/18/2021 05:00:00 PM	12.457	24.471	71.296	191.509	0.717	280.6
10/18/2021 06:00:00 PM	0.948	24.386	72.137	81.911	0.758	280.6
10/18/2021 07:00:00 PM	0.677	24.384	72.381	117.167	1.249	280.6
10/18/2021 08:00:00 PM	-0.406	24.021	75.736	103.054	0.633	280.6
10/18/2021 09:00:00 PM	1.219	23.905	75.917	183.227	0.201	280.6
10/18/2021 10:00:00 PM	-0.406	24.121	74.691	119.255	1.203	280.6
10/18/2021 11:00:00 PM	-1.083	23.863	75.735	61.398	0.512	280.6
10/19/2021 12:00:00 AM	1.489	23.789	77.663	274.983	0.201	280.6
10/19/2021 01:00:00 AM	0.677	23.933	77.181	36.825	0.191	280.6
10/19/2021 02:00:00 AM	0.271	23.61	77.681	137.029	0.196	280.6
10/19/2021 03:00:00 AM	0.542	23.258	80.556	124.933	0.196	280.6
10/19/2021 04:00:00 AM	2.302	23.897	77.785	257.807	0.202	280.6
10/19/2021 05:00:00 AM	2.031	23.871	78.428	257.894	1.386	280.6
10/19/2021 06:00:00 AM	5.958	24.265	79.054	252.093	0.2	280.6
10/19/2021 07:00:00 AM	76.098	24.585	76.64	109.943	1.031	280.6
10/19/2021 08:00:00 AM	42.653	25.102	73.665	130.618	0.502	280.6
10/19/2021 09:00:00 AM	306.695	26.628	63.848	90.837	0.608	280.6
10/19/2021 10:00:00 AM	779.533	28.041	58.066	74.702	0.198	280.6
10/19/2021 11:00:00 AM	393.355	28.07	54.39	89.739	0.712	280.6
10/19/2021 12:00:00 PM	261.063	27.974	57.601	94.437	0.197	280.6
10/19/2021 01:00:00 PM	158.56	27.523	58.432	163.941	1.028	280.6
10/19/2021 02:00:00 PM	344.473	27.979	57.223	130.24	0.219	280.6
10/19/2021 03:00:00 PM	174.538	27.793	58.166	99.615	0.676	280.6
10/19/2021 04:00:00 PM	61.339	26.823	62.94	113.424	0.199	280.6
10/19/2021 05:00:00 PM	22.884	26.449	65.969	68.063	0.196	280.6

10/19/2021 06:00:00 PM	1.354	25.532	70.314	85.153	0.933	280.6
10/19/2021 07:00:00 PM	0	25.397	69.687	120.074	0.402	280.6
10/19/2021 08:00:00 PM	-0.812	25.34	70.192	161.982	0.688	280.6
10/19/2021 09:00:00 PM	-0.948	25.085	71.819	144.974	1.25	280.6
10/19/2021 10:00:00 PM	0.542	25.019	73.888	123.57	0.711	280.6
10/19/2021 11:00:00 PM	-1.219	25.1	74.45	114.676	0.632	280.6
10/20/2021 12:00:00 AM	0.406	24.946	75.677	143.271	0.197	280.6
10/20/2021 01:00:00 AM	0.135	24.742	76.577	87.504	0.656	280.6
10/20/2021 02:00:00 AM	1.219	24.794	76.816	102.045	0.819	280.6
10/20/2021 03:00:00 AM	-0.542	24.593	77.946	320.989	0.594	280.6
10/20/2021 04:00:00 AM	0.271	24.793	77.238	122.72	0.816	280.6
10/20/2021 05:00:00 AM	0.135	24.588	77.083	77.66	0.956	280.6
10/20/2021 06:00:00 AM	3.656	24.806	76.56	122.411	0.198	280.6
10/20/2021 07:00:00 AM	88.149	25.158	75.143	77.32	0.482	280.6
10/20/2021 08:00:00 AM	188.35	25.368	77.308	97.762	0.75	280.6
10/20/2021 09:00:00 AM	289.363	26.809	72.306	148.023	0.601	280.6
10/20/2021 10:00:00 AM	594.297	28.653	65.01	120.251	0.519	280.6
10/20/2021 11:00:00 AM	754.347	28.777	64.527	322.093	0.209	280.6
10/20/2021 12:00:00 PM	360.18	29.012	63.239	85.708	0.735	280.6
10/20/2021 01:00:00 PM	484.754	29.096	64.765	181.688	0.2	280.6
10/20/2021 02:00:00 PM	240.21	28.723	66.644	40.668	0.511	280.6
10/20/2021 03:00:00 PM	37.101	28.039	69.82	82.122	0.196	280.6
10/20/2021 04:00:00 PM	54.704	27.304	72.832	215.589	0.413	280.6
10/20/2021 05:00:00 PM	4.604	26.681	74.638	85.508	0.557	280.6
10/20/2021 06:00:00 PM	0.271	26.159	76.827	351.755	0.207	280.6
10/20/2021 07:00:00 PM	0	26.164	78.195	354.406	0.208	280.6
10/20/2021 08:00:00 PM	0.135	25.948	79.56	101.083	0.418	280.6
10/20/2021 09:00:00 PM	0.948	25.851	80.826	139.977	0.196	280.6
10/20/2021 10:00:00 PM	0.542	25.729	82.636	280.804	0.845	280.6
10/20/2021 11:00:00 PM	1.489	26.041	81.116	57.902	0.194	280.6
10/21/2021 12:00:00 AM	0.948	25.918	81.31	140.972	0.198	280.6
10/21/2021 01:00:00 AM	1.083	25.787	82.694	230.214	0.324	280.6
10/21/2021 02:00:00 AM	1.219	25.837	82.275	268.999	1.184	280.6
10/21/2021 03:00:00 AM	2.708	25.854	82.333	356.265	0.208	280.6
10/21/2021 04:00:00 AM	-0.406	25.687	82.399	259.609	1.161	280.6
10/21/2021 05:00:00 AM	0.271	25.81	80.241	352.833	0.921	280.6
10/21/2021 06:00:00 AM	1.083	25.865	79.94	6.965	0.189	280.6
10/21/2021 07:00:00 AM	17.738	25.605	78.534	181.502	0.201	280.6
10/21/2021 08:00:00 AM	23.696	25.478	78.93	59.484	0.42	280.6
10/21/2021 09:00:00 AM	73.39	24.972	82.914	145.766	0.196	280.7
10/21/2021 10:00:00 AM	66.755	25.611	80.182	215.781	0.796	280.8
10/21/2021 11:00:00 AM	81.921	25.574	78.514	208.762	0.2	280.8
10/21/2021 12:00:00 PM	44.413	24.775	84.058	200.966	0.435	280.9
10/21/2021 01:00:00 PM	68.922	23.986	87.919	341.693	0.205	281.9
10/21/2021 02:00:00 PM	113.199	23.887	88.321	98.813	0.496	283.4
10/21/2021 03:00:00 PM	54.839	23.645	88.086	93.959	0.195	284.1
10/21/2021 04:00:00 PM	31.143	23.463	88.34	89.628	0.584	284.2
10/21/2021 05:00:00 PM	3.385	23.289	85.886	61.147	0.192	284.3
10/21/2021 06:00:00 PM	-1.489	23.058	86.917	112.05	0.195	284.4
10/21/2021 07:00:00 PM	0.948	22.577	87.493	67.424	0.588	284.8

10/21/2021 08:00:00 PM	-0.271	22.38	86.043	265.319	0.401	285
10/21/2021 09:00:00 PM	-0.135	22.066	86.16	108.728	0.43	285.1
10/21/2021 10:00:00 PM	2.437	21.718	90.162	329.092	0.677	286.6
10/21/2021 11:00:00 PM	1.489	22.224	87.77	357.631	0.478	286.9
10/22/2021 12:00:00 AM	2.573	22.183	86.083	146.719	0.489	286.9
10/22/2021 01:00:00 AM	-0.948	21.835	86.423	153.114	0.841	287
10/22/2021 02:00:00 AM	1.083	21.866	87.469	58.996	0.718	287
10/22/2021 03:00:00 AM	1.625	21.626	88.937	114.607	0.438	287.7
10/22/2021 04:00:00 AM	0	21.436	90.584	182.294	0.201	288.7
10/22/2021 05:00:00 AM	1.896	21.38	91.789	138.179	0.197	290.3
10/22/2021 06:00:00 AM	1.625	21.261	90.122	36.204	0.512	291
10/22/2021 07:00:00 AM	24.915	21.331	89.364	121.372	0.895	292.2
10/22/2021 08:00:00 AM	47.392	21.845	89.016	32.747	0.203	292.7
10/22/2021 09:00:00 AM	114.147	22.029	90.341	142.099	0.666	294.6
10/22/2021 10:00:00 AM	115.501	22.108	89.545	250.886	0.864	296.7
10/22/2021 11:00:00 AM	109.273	22.228	87.687	163.301	0.553	297.9
10/22/2021 12:00:00 PM	98.034	21.948	87.333	330.476	0.202	298.1
10/22/2021 01:00:00 PM	94.784	22.044	85.858	110.453	0.936	298.4
10/22/2021 02:00:00 PM	104.94	21.876	87.524	177.124	0.195	298.6
10/22/2021 03:00:00 PM	65.807	21.682	86.538	178.826	0.885	298.8
10/22/2021 04:00:00 PM	9.478	21.37	86.701	8.11	0.187	299.4
10/22/2021 05:00:00 PM	2.166	21.305	89.21	153.813	0.842	300.6
10/22/2021 06:00:00 PM	1.354	21.443	87.098	121.641	0.331	300.8
10/22/2021 07:00:00 PM	0	21.345	86.357	20.705	0.19	300.8
10/22/2021 08:00:00 PM	2.302	21.212	87.004	103.356	0.451	301.2
10/22/2021 09:00:00 PM	0.948	21.281	88.661	133.768	0.196	301.6
10/22/2021 10:00:00 PM	-0.271	21.315	87.1	344.929	0.677	301.8
10/22/2021 11:00:00 PM	0.542	21.283	86.417	98.618	0.695	301.9
10/23/2021 12:00:00 AM	2.166	21.661	79.204	122.417	0.225	302
10/23/2021 01:00:00 AM	-1.219	21.023	84.847	62.073	0.735	302.2
10/23/2021 02:00:00 AM	0.542	20.866	87.157	116.778	1.072	302.5
10/23/2021 03:00:00 AM	4.198	21.365	82.373	53.996	0.667	302.7
10/23/2021 04:00:00 AM	-1.083	20.928	83.431	108.085	0.943	302.8
10/23/2021 05:00:00 AM	3.656	21.277	80.161	159.432	0.928	302.9
10/23/2021 06:00:00 AM	4.062	21.339	79.942	140.969	2.362	302.9
10/23/2021 07:00:00 AM	42.111	22.232	75.108	314.411	0.201	302.9
10/23/2021 08:00:00 AM	60.797	22.024	82.538	204.533	0.196	302.9
10/23/2021 09:00:00 AM	57.818	21.644	84.829	114.911	0.642	302.9
10/23/2021 10:00:00 AM	57.141	21.552	88.15	146.429	0.898	303.4
10/23/2021 11:00:00 AM	51.183	22.058	87.519	14.124	0.189	303.7
10/23/2021 12:00:00 PM	122.949	22.112	89.883	111.428	0.195	305.2
10/23/2021 01:00:00 PM	74.609	21.859	90.092	152.767	0.193	306.1
10/23/2021 02:00:00 PM	102.638	22.131	84.927	15.37	0.19	306.2
10/23/2021 03:00:00 PM	36.153	22.4	80.706	112.608	0.673	306.3
10/23/2021 04:00:00 PM	16.113	22.08	81.99	142.612	1.176	306.3
10/23/2021 05:00:00 PM	4.604	21.786	83.323	55.7	0.528	306.3
10/23/2021 06:00:00 PM	-2.031	21.499	86.053	51.313	0.23	306.3
10/23/2021 07:00:00 PM	-0.812	21.445	89.004	151.391	0.961	306.7
10/23/2021 08:00:00 PM	0.948	21.234	90.232	119.671	0.521	307.6
10/23/2021 09:00:00 PM	-0.135	21.324	89.352	67.88	0.189	307.7

10/23/2021 10:00:00 PM	0.677	21.361	88.601	124.527	0.608	307.8
10/23/2021 11:00:00 PM	-0.135	21.614	86.45	59.269	0.193	307.8
10/24/2021 12:00:00 AM	2.437	21.962	85.171	117.9	0.643	307.8
10/24/2021 01:00:00 AM	-0.542	21.846	86.802	175.257	0.195	308
10/24/2021 02:00:00 AM	0.135	21.391	90.048	127.026	0.194	308.6
10/24/2021 03:00:00 AM	0.271	21.498	89.928	119.62	0.195	309.1
10/24/2021 04:00:00 AM	0.271	21.515	89.385	37.162	0.193	309.4
10/24/2021 05:00:00 AM	-0.406	21.346	91.414	83.115	0.188	311
10/24/2021 06:00:00 AM	1.219	21.783	92.372	150.94	0.194	312.1
10/24/2021 07:00:00 AM	29.383	21.566	93.064	117.726	0.193	314
10/24/2021 08:00:00 AM	25.456	21.826	93.425	63.503	0.192	316.4
10/24/2021 09:00:00 AM	47.121	22.336	93.874	106.693	0.197	321.2
10/24/2021 10:00:00 AM	111.845	23.062	93.226	121.658	0.194	321.9
10/24/2021 11:00:00 AM	130.938	22.979	91.477	181.079	0.444	323.7
10/24/2021 12:00:00 PM	146.78	23.276	91.698	198.504	0.198	324.5
10/24/2021 01:00:00 PM	200.266	23.337	89.191	230.212	0.196	325
10/24/2021 02:00:00 PM	119.834	23.395	89.464	246.132	0.202	325.5
10/24/2021 03:00:00 PM	38.862	23.114	90.594	143.709	0.191	326.9
10/24/2021 04:00:00 PM	28.977	22.869	91.639	92.445	0.213	327.6
10/24/2021 05:00:00 PM	9.749	22.818	89.181	115.768	0.571	327.7
10/24/2021 06:00:00 PM	0.948	22.614	89.705	156.013	1.101	327.7
10/24/2021 07:00:00 PM	2.302	22.597	89.608	68.559	0.885	327.8
10/24/2021 08:00:00 PM	1.219	22.709	89.869	100.002	0.194	327.8
10/24/2021 09:00:00 PM	0.812	22.782	89.567	188.213	0.36	327.8
10/24/2021 10:00:00 PM	1.625	22.646	91.071	136.749	0.2	328.4
10/24/2021 11:00:00 PM	1.896	22.733	91.161	143.542	0.197	328.5
10/25/2021 12:00:00 AM	1.489	22.594	91.135	283.163	0.2	328.9
10/25/2021 01:00:00 AM	2.437	22.375	92.875	248.902	0.201	329.8
10/25/2021 02:00:00 AM	2.302	22.456	93.563	82.565	0.19	331
10/25/2021 03:00:00 AM	2.708	22.437	92.792	188.354	0.197	331.1
10/25/2021 04:00:00 AM	2.708	22.447	91.335	151.614	0.191	331.1
10/25/2021 05:00:00 AM	1.76	22.361	91.581	144.791	0.194	331.1
10/25/2021 06:00:00 AM	2.573	22.414	91.481	217.108	0.921	331.4
10/25/2021 07:00:00 AM	30.466	23.056	90.29	146.258	0.663	331.4
10/25/2021 08:00:00 AM	55.246	23.079	88.543	356.255	0.466	331.4
10/25/2021 09:00:00 AM	88.014	23.562	86.15	139.183	1.428	331.4
10/25/2021 10:00:00 AM	116.585	23.587	86.494	133.71	1.226	331.4
10/25/2021 11:00:00 AM	177.517	24.294	85.889	78.629	0.519	331.5
10/25/2021 12:00:00 PM	128.23	24.103	83.921	84.195	1.013	331.5
10/25/2021 01:00:00 PM	83.952	24.559	80.747	149.174	0.435	331.5
10/25/2021 02:00:00 PM	120.647	24.458	84.927	298.803	0.201	331.5
10/25/2021 03:00:00 PM	38.997	24.226	83.097	112.876	1.361	331.5
10/25/2021 04:00:00 PM	23.696	23.385	88.601	319.133	0.205	331.9
10/25/2021 05:00:00 PM	4.604	23.252	89.388	166.403	0.197	332.2
10/25/2021 06:00:00 PM	-0.542	23.233	87.417	87.496	0.195	332.2
10/25/2021 07:00:00 PM	2.844	23.085	86.512	120.952	0.677	332.2
10/25/2021 08:00:00 PM	3.385	23.089	85.36	37.162	0.19	332.2
10/25/2021 09:00:00 PM	0	22.88	85.649	129.019	0.195	332.2
10/25/2021 10:00:00 PM	2.437	23.06	85.045	263.735	0.202	332.3
10/25/2021 11:00:00 PM	2.844	23.171	82.111	103.219	0.553	332.3

10/26/2021 12:00:00 AM	1.896	23.365	80.141	356.35	0.204	332.3
10/26/2021 01:00:00 AM	3.25	23.356	80.46	6.165	0.653	332.3
10/26/2021 02:00:00 AM	1.354	23.594	80.763	105.635	0.764	332.3
10/26/2021 03:00:00 AM	1.896	23.601	80.302	123.483	1.143	332.3
10/26/2021 04:00:00 AM	0.542	23.488	80.443	126.706	1.163	332.3
10/26/2021 05:00:00 AM	0.948	23.466	80.201	174.099	0.522	332.3
10/26/2021 06:00:00 AM	3.656	23.471	79.697	105.432	0.429	332.3
10/26/2021 07:00:00 AM	41.705	23.764	78.546	163.063	0.502	332.3
10/26/2021 08:00:00 AM	96.409	24.591	77.067	105.411	0.454	332.3
10/26/2021 09:00:00 AM	169.393	25.56	74.298	170.375	0.197	332.3
10/26/2021 10:00:00 AM	348.4	27.208	68.578	143.581	0.783	332.3
10/26/2021 11:00:00 AM	498.294	27.484	65.946	54.473	0.596	332.3
10/26/2021 12:00:00 PM	223.826	27.554	64.098	144.815	0.775	332.3
10/26/2021 01:00:00 PM	463.495	27.666	65.125	47.042	0.195	332.3
10/26/2021 02:00:00 PM	376.835	27.567	64.827	105.522	0.536	332.3
10/26/2021 03:00:00 PM	216.108	27.535	66.11	142.064	0.196	332.3
10/26/2021 04:00:00 PM	118.345	26.612	67.57	203.736	0.818	332.3
10/26/2021 05:00:00 PM	44.278	26.425	67.771	261.959	0.316	332.3
10/26/2021 06:00:00 PM	-0.406	25.713	70.6	96.938	0.196	332.3
10/26/2021 07:00:00 PM	-0.948	25.342	72.803	34.507	0.192	332.3
10/26/2021 08:00:00 PM	-0.677	25.098	73.532	127.172	0.884	332.3
10/26/2021 09:00:00 PM	0.677	25.081	73.695	309.434	0.202	332.3
10/26/2021 10:00:00 PM	2.844	25.395	72.49	121.271	0.48	332.3
10/26/2021 11:00:00 PM	2.979	25.202	73.674	145.694	0.193	332.3
10/27/2021 12:00:00 AM	1.083	24.923	73.513	15.128	0.198	332.3
10/27/2021 01:00:00 AM	1.76	24.966	73.293	119.391	0.49	332.3
10/27/2021 02:00:00 AM	-0.542	24.456	76.288	331.266	0.556	332.3
10/27/2021 03:00:00 AM	-1.896	24.309	77.356	354.35	0.202	332.3
10/27/2021 04:00:00 AM	0.271	24.243	78.357	6.392	0.186	332.3
10/27/2021 05:00:00 AM	-0.271	24.831	76.313	127.117	0.232	332.3
10/27/2021 06:00:00 AM	4.062	24.524	77.915	79.456	0.193	332.3
10/27/2021 07:00:00 AM	88.691	25.102	75.747	139.846	0.666	332.3
10/27/2021 08:00:00 AM	161.946	26.048	71.259	87.658	1.262	332.3
10/27/2021 09:00:00 AM	152.738	27.335	65.526	120.939	0.195	332.3
10/27/2021 10:00:00 AM	245.085	27.46	60.102	86.162	0.196	332.3
10/27/2021 11:00:00 AM	170.476	26.948	59.926	265.477	0.853	332.3
10/27/2021 12:00:00 PM	248.741	26.764	60.694	125.516	1.132	332.3
10/27/2021 01:00:00 PM	250.907	27.457	58.45	122.774	0.197	332.3
10/27/2021 02:00:00 PM	216.514	26.964	59.017	91.355	1.183	332.3
10/27/2021 03:00:00 PM	77.181	26.354	62.49	112.837	0.196	332.3
10/27/2021 04:00:00 PM	58.631	25.755	65.323	136.901	1.169	332.3
10/27/2021 05:00:00 PM	16.249	25.391	66.018	55.64	1.244	332.3
10/27/2021 06:00:00 PM	2.708	25.114	67.369	58.531	1.12	332.3
10/27/2021 07:00:00 PM	2.166	25.057	67.088	173.081	0.197	332.3
10/27/2021 08:00:00 PM	2.302	24.917	67.31	190.105	0.199	332.3
10/27/2021 09:00:00 PM	2.844	24.779	67.969	140.64	1.311	332.3
10/27/2021 10:00:00 PM	1.896	24.637	67.648	111.724	1.022	332.3
10/27/2021 11:00:00 PM	0.406	24.516	67.3	137.368	0.197	332.3
10/28/2021 12:00:00 AM	0.542	24.57	64.111	160.892	1.088	332.3
10/28/2021 01:00:00 AM	1.219	24.515	64.332	186.209	0.2	332.3

10/28/2021 02:00:00 AM	0.406	24.335	65.335	93.561	0.192	332.3
10/28/2021 03:00:00 AM	1.76	24.365	64.754	107.568	0.52	332.3
10/28/2021 04:00:00 AM	2.031	24.361	63.913	47.642	0.191	332.3
10/28/2021 05:00:00 AM	1.219	24.358	63.681	150.469	1.018	332.3
10/28/2021 06:00:00 AM	2.844	23.981	66.66	134.642	0.753	332.3
10/28/2021 07:00:00 AM	63.37	24.143	66.857	94.225	1.657	332.3
10/28/2021 08:00:00 AM	377.783	26.545	55.906	103.633	0.944	332.3
10/28/2021 09:00:00 AM	612.983	27.741	50.126	137.877	0.42	332.3
10/28/2021 10:00:00 AM	809.051	28.384	46.888	80.275	0.473	332.3
10/28/2021 11:00:00 AM	794.969	28.66	46.385	81.859	0.197	332.3
10/28/2021 12:00:00 PM	420.03	28.27	46.313	139.238	2.125	332.3
10/28/2021 01:00:00 PM	253.48	28.593	45.899	285.305	0.206	332.3
10/28/2021 02:00:00 PM	280.697	28.385	49.469	189.19	0.2	332.3
10/28/2021 03:00:00 PM	196.474	26.288	59.055	74.856	1.338	332.3
10/28/2021 04:00:00 PM	103.586	26.293	58.858	140.34	0.793	332.3
10/28/2021 05:00:00 PM	17.061	25.461	59.419	81.791	0.361	332.3
10/28/2021 06:00:00 PM	-2.302	24.845	60.922	318.168	0.487	332.3
10/28/2021 07:00:00 PM	-1.896	24.568	60.479	35.107	0.194	332.3
10/28/2021 08:00:00 PM	-1.219	24.351	59.955	117.903	0.216	332.3
10/28/2021 09:00:00 PM	-1.625	23.773	61.803	42.617	0.356	332.3
10/28/2021 10:00:00 PM	-0.271	23.334	64.757	28.64	0.187	332.3
10/28/2021 11:00:00 PM	0.677	22.563	69.199	131.88	0.516	332.3
10/29/2021 12:00:00 AM	-0.542	22.373	70.065	168.883	0.573	332.3
10/29/2021 01:00:00 AM	1.896	22.372	71.539	140.821	0.196	332.3
10/29/2021 02:00:00 AM	3.385	22.412	71.917	23.406	0.188	332.3
10/29/2021 03:00:00 AM	-2.302	21.865	82.293	68.993	0.48	332.3
10/29/2021 04:00:00 AM	0.948	22.196	83.527	293.614	0.201	332.4
10/29/2021 05:00:00 AM	2.844	22.394	81.838	161.932	0.198	332.4
10/29/2021 06:00:00 AM	3.656	22.136	80.555	221.668	0.2	332.4
10/29/2021 07:00:00 AM	30.196	22.903	78.807	97.752	0.324	332.4
10/29/2021 08:00:00 AM	58.225	23.316	75.039	155.627	0.664	332.4
10/29/2021 09:00:00 AM	241.158	24.5	67.776	236.441	0.2	332.4
10/29/2021 10:00:00 AM	392	26.124	56.873	31.964	0.193	332.4
10/29/2021 11:00:00 AM	253.886	27.688	50.708	342.082	0.441	332.4
10/29/2021 12:00:00 PM	216.514	25.659	57.313	145.532	0.916	332.4
10/29/2021 01:00:00 PM	103.45	24.891	61.976	95.487	0.196	332.4
10/29/2021 02:00:00 PM	159.102	25.246	60.844	104.691	0.204	332.4
10/29/2021 03:00:00 PM	56.464	25.256	60.851	181.114	0.2	332.4
10/29/2021 04:00:00 PM	21.936	25.217	59.697	158.21	0.198	332.4
10/29/2021 05:00:00 PM	7.041	24.849	58.702	90.497	0.559	332.4
10/29/2021 06:00:00 PM	0.542	24.497	61.483	138.481	0.405	332.4
10/29/2021 07:00:00 PM	-1.219	23.961	66.023	152.555	1.006	332.4
10/29/2021 08:00:00 PM	1.489	23.582	69.113	91.427	0.192	332.4
10/29/2021 09:00:00 PM	1.896	23.803	69.017	101.4	0.194	332.4
10/29/2021 10:00:00 PM	2.302	23.491	70.544	144.859	0.199	332.4
10/29/2021 11:00:00 PM	1.083	23.462	70.985	121.877	0.846	332.4
10/30/2021 12:00:00 AM	0.271	23.436	74.049	116.781	0.447	332.4
10/30/2021 01:00:00 AM	0.542	23.46	74.625	76.876	0.192	332.4
10/30/2021 02:00:00 AM	-0.271	23.564	75.588	238.182	1.039	332.4
10/30/2021 03:00:00 AM	0.135	23.431	76.111	226.322	0.2	332.4

10/30/2021 04:00:00 AM	1.083	23.272	77.151	123.199	0.746	332.4
10/30/2021 05:00:00 AM	-0.812	23.245	80.031	125.999	0.196	332.4
10/30/2021 06:00:00 AM	2.031	23.373	79.832	277.753	0.204	332.4
10/30/2021 07:00:00 AM	13.27	23.24	79.187	148.923	0.401	332.4
10/30/2021 08:00:00 AM	15.301	22.869	83.989	296.188	0.202	332.5
10/30/2021 09:00:00 AM	105.075	23.341	86.413	155.755	0.99	333.6
10/30/2021 10:00:00 AM	60.797	23.684	83.829	111.724	0.192	333.6
10/30/2021 11:00:00 AM	90.316	24.218	78.325	238.776	0.2	333.6
10/30/2021 12:00:00 PM	101.555	24.303	79.42	242.952	0.792	333.6
10/30/2021 01:00:00 PM	103.315	24.572	76.297	266.126	1.943	333.6
10/30/2021 02:00:00 PM	75.963	25.125	72.555	61.283	0.193	333.6
10/30/2021 03:00:00 PM	85.035	25.157	70.365	115.104	0.198	333.6
10/30/2021 04:00:00 PM	94.649	25.167	71.351	152.715	0.199	333.6
10/30/2021 05:00:00 PM	4.604	24.695	72.848	191.061	0.78	333.6
10/30/2021 06:00:00 PM	0.406	24.275	76.231	2.898	0.181	333.6
10/30/2021 07:00:00 PM	1.625	24.472	74.642	126.78	0.195	333.7
10/30/2021 08:00:00 PM	1.76	24.304	76.215	96.793	0.36	333.7
10/30/2021 09:00:00 PM	0.271	24.335	74.563	182.279	0.543	333.7
10/30/2021 10:00:00 PM	-0.542	24.176	71.938	129.892	0.198	333.7
10/30/2021 11:00:00 PM	2.573	24.181	69.618	39.319	0.19	333.7
10/31/2021 12:00:00 AM	1.76	24.118	70.078	130.166	0.509	333.7
10/31/2021 01:00:00 AM	0.948	23.917	75.45	240.579	0.194	333.7
10/31/2021 02:00:00 AM	0.677	23.964	72.541	96.582	0.191	333.7
10/31/2021 03:00:00 AM	2.031	23.844	73.661	116.853	0.197	333.7
10/31/2021 04:00:00 AM	2.302	23.797	76.358	204.89	0.201	333.7
10/31/2021 05:00:00 AM	1.896	23.479	77.736	154.287	0.833	333.7
10/31/2021 06:00:00 AM	2.573	23.485	78.4	167.994	0.198	333.7
10/31/2021 07:00:00 AM	31.82	23.75	78.401	168.789	0.195	333.7
10/31/2021 08:00:00 AM	104.263	24.656	75.69	135.737	0.194	333.7
10/31/2021 09:00:00 AM	102.502	25.501	72.143	67.02	0.537	333.7
10/31/2021 10:00:00 AM	213.265	26.635	70.027	14.91	0.192	333.7
10/31/2021 11:00:00 AM	507.773	27.076	68.744	162.702	0.434	333.7
10/31/2021 12:00:00 PM	247.793	27.853	64.027	61.267	1.24	333.7
10/31/2021 01:00:00 PM	315.496	28.24	63.184	41.887	0.193	333.7
10/31/2021 02:00:00 PM	151.249	26.906	67.537	33.26	0.252	333.7
10/31/2021 03:00:00 PM	80.567	25.22	78.829	78.77	0.752	333.7
10/31/2021 04:00:00 PM	10.968	25.148	79.55	136.2	0.393	333.7
10/31/2021 05:00:00 PM	2.166	24.256	87.13	220.638	0.418	333.7
10/31/2021 06:00:00 PM	-1.489	24.191	86.661	113.708	0.192	334.1
10/31/2021 07:00:00 PM	0.271	24.174	88.108	139.599	0.198	334.4
10/31/2021 08:00:00 PM	1.896	24.236	86.823	124.56	0.778	334.4
10/31/2021 09:00:00 PM	0.542	24.205	84.914	115.17	0.607	334.4
10/31/2021 10:00:00 PM	1.083	24.333	79.507	107.775	0.195	334.4
10/31/2021 11:00:00 PM	2.573	24.505	77.215	97.418	0.192	334.4
11/1/2021 12:00:00 AM	1.219	24.564	76.229	119.324	0.399	334.4
11/1/2021 01:00:00 AM	2.302	23.921	79.708	101.204	0.819	334.4