

		Pyranometer [W/m <sup>2</sup> ]	Temperature [°C]	RH [%RH]	Wind Direction [angle]	Wind Speed [m/s]	Rain sensor [mm]
3/1/2022	01:00:00 AM	-0.542	20.439	76.669	109.46	1.061	308
3/1/2022	02:00:00 AM	-2.979	19.96	78.903	128.295	0.683	308
3/1/2022	03:00:00 AM	-2.573	19.747	79.841	74.828	0.188	308
3/1/2022	04:00:00 AM	-0.135	19.802	80.069	134.558	0.575	308
3/1/2022	05:00:00 AM	0.812	19.757	79.681	78.233	0.192	308
3/1/2022	06:00:00 AM	0.542	19.813	79.277	78.628	0.191	308
3/1/2022	07:00:00 AM	59.714	19.826	79.297	152.42	0.194	308.1
3/1/2022	08:00:00 AM	340.14	22.573	65.464	104.096	0.844	308.1
3/1/2022	09:00:00 AM	567.758	26.033	54.147	203.531	0.573	308.1
3/1/2022	10:00:00 AM	727.943	29.413	44.217	20.043	0.642	308.1
3/1/2022	11:00:00 AM	846.152	31.787	40.851	250.539	0.205	308.8
3/1/2022	12:00:00 PM	919.272	31.852	40.561	165.365	1.007	308.8
3/1/2022	01:00:00 PM	943.374	31.151	43.017	277.794	1.57	308.8
3/1/2022	02:00:00 PM	944.051	31.74	41.633	88.584	0.197	308.8
3/1/2022	03:00:00 PM	479.744	31.972	42.622	178.301	1.113	308.8
3/1/2022	04:00:00 PM	77.046	29.115	53.334	193.148	0.203	308.8
3/1/2022	05:00:00 PM	53.621	27.831	56.196	77.666	0.197	308.8
3/1/2022	06:00:00 PM	-0.135	27.008	57.44	154.923	0.785	308.8
3/1/2022	07:00:00 PM	-1.625	26.003	62.461	179.093	0.196	308.8
3/1/2022	08:00:00 PM	0.271	25.141	69.763	352.613	0.205	308.8
3/1/2022	09:00:00 PM	-1.625	24.533	72.845	79.198	0.195	308.8
3/1/2022	10:00:00 PM	-1.76	24.385	74.034	118.111	0.476	308.8
3/1/2022	11:00:00 PM	-1.625	23.754	78.709	15.634	0.572	308.8
3/2/2022	12:00:00 AM	0.406	23.485	80.377	146.793	0.197	308.8
3/2/2022	01:00:00 AM	1.219	23.302	79.892	224.773	0.644	308.8
3/2/2022	02:00:00 AM	1.625	23.275	78.789	287.142	0.201	308.8
3/2/2022	03:00:00 AM	1.76	23.521	78.66	92.92	0.195	308.8
3/2/2022	04:00:00 AM	3.25	22.415	82.606	107.852	0.635	308.8
3/2/2022	05:00:00 AM	3.114	22.514	81.037	270.562	0.202	308.8
3/2/2022	06:00:00 AM	2.708	22.162	80.976	280.634	0.479	308.8
3/2/2022	07:00:00 AM	56.735	22.221	80.316	44.271	0.192	308.8
3/2/2022	08:00:00 AM	118.616	22.823	75.634	244.884	0.218	308.8
3/2/2022	09:00:00 AM	135.677	22.917	73.937	107.574	0.593	308.8
3/2/2022	10:00:00 AM	109.002	22.331	74.198	24.847	0.19	308.8
3/2/2022	11:00:00 AM	95.19	21.747	73.763	42.024	0.9	308.8
3/2/2022	12:00:00 PM	215.296	21.726	72.659	130.741	2.15	308.8
3/2/2022	01:00:00 PM	283.54	22.668	65.95	141.488	1.149	308.8
3/2/2022	02:00:00 PM	182.121	22.087	67.053	59.121	0.88	308.8
3/2/2022	03:00:00 PM	109.814	22.554	65.501	3.934	0.49	308.8
3/2/2022	04:00:00 PM	130.125	22.113	67.514	163.604	2.492	308.8
3/2/2022	05:00:00 PM	32.362	21.651	70.009	126.104	1.958	308.8
3/2/2022	06:00:00 PM	1.489	21.39	71.249	73.015	0.842	308.8
3/2/2022	07:00:00 PM	2.437	21.012	74.335	83.487	0.287	308.8
3/2/2022	08:00:00 PM	1.896	20.982	75.428	178.98	0.195	308.8
3/2/2022	09:00:00 PM	2.302	20.704	76.825	113.068	1.297	308.8
3/2/2022	10:00:00 PM	1.219	20.077	80.931	115.19	0.631	308.8
3/2/2022	11:00:00 PM	0.406	20.205	80.389	89.858	0.193	308.8
3/3/2022	12:00:00 AM	1.489	20.493	78.52	82.075	1.69	308.8

3/3/2022	01:00:00 AM	1.896	20.054	79.866	116.526	1.096	308.8
3/3/2022	02:00:00 AM	0.812	20.043	77.993	69.924	1.212	308.8
3/3/2022	03:00:00 AM	0.271	20.217	76.566	135.627	0.647	308.8
3/3/2022	04:00:00 AM	2.437	20.161	77.57	61.377	1.355	308.8
3/3/2022	05:00:00 AM	1.219	20.03	80.868	90.691	0.808	308.8
3/3/2022	06:00:00 AM	3.114	20.22	80.526	145.189	0.194	308.8
3/3/2022	07:00:00 AM	23.831	20.599	79.162	152.542	0.96	308.8
3/3/2022	08:00:00 AM	173.049	21.54	75.403	168.99	0.42	308.8
3/3/2022	09:00:00 AM	312.517	22.937	70.347	151.756	1.908	308.8
3/3/2022	10:00:00 AM	544.061	24.978	63.753	145.829	0.539	308.8
3/3/2022	11:00:00 AM	744.462	26.836	58.05	258.346	0.204	308.8
3/3/2022	12:00:00 PM	568.841	28.158	56.225	258.363	1.202	308.8
3/3/2022	01:00:00 PM	478.39	29.15	53.018	122.172	0.199	308.8
3/3/2022	02:00:00 PM	784.813	28.774	55.187	82.205	0.515	308.8
3/3/2022	03:00:00 PM	308.455	28.546	50.901	184.442	0.898	308.8
3/3/2022	04:00:00 PM	154.363	27.432	55.656	62.79	0.195	308.8
3/3/2022	05:00:00 PM	31.956	26.341	59.317	75.271	1.62	308.8
3/3/2022	06:00:00 PM	1.489	25.792	60.99	183.477	0.733	308.8
3/3/2022	07:00:00 PM	0	25.059	63.439	124.096	0.452	308.8
3/3/2022	08:00:00 PM	1.219	24.143	68.52	155.752	0.195	308.8
3/3/2022	09:00:00 PM	0.542	23.792	71.056	275.023	0.201	308.8
3/3/2022	10:00:00 PM	-0.135	23.33	72.217	59.248	0.191	308.8
3/3/2022	11:00:00 PM	1.083	22.928	74.16	244.933	1.608	308.8
3/4/2022	12:00:00 AM	0.135	21.959	77.501	71.371	0.192	308.8
3/4/2022	01:00:00 AM	-0.406	21.484	78.704	263.195	0.315	308.8
3/4/2022	02:00:00 AM	0.812	21.45	78.656	313.784	0.205	308.8
3/4/2022	03:00:00 AM	-0.406	21.178	80.069	230.618	0.52	308.8
3/4/2022	04:00:00 AM	0.406	20.747	80.868	284.325	1.244	308.8
3/4/2022	05:00:00 AM	-0.135	20.511	81.075	253.434	0.689	308.8
3/4/2022	06:00:00 AM	0	20.233	81.332	240.777	1.04	308.8
3/4/2022	07:00:00 AM	77.723	21.373	78.744	228.589	0.198	308.8
3/4/2022	08:00:00 AM	160.185	21.937	75.491	261.547	1.375	308.8
3/4/2022	09:00:00 AM	276.905	23.709	68.287	25.892	0.192	308.8
3/4/2022	10:00:00 AM	362.076	25.892	60.19	230.722	1.28	308.8
3/4/2022	11:00:00 AM	763.555	27.293	57.747	205.975	0.226	308.8
3/4/2022	12:00:00 PM	788.469	27.043	56.766	355.756	1.042	308.8
3/4/2022	01:00:00 PM	742.161	30.028	47.939	170.529	0.583	308.8
3/4/2022	02:00:00 PM	650.084	31.123	44.628	168.739	0.511	308.8
3/4/2022	03:00:00 PM	499.378	30.387	45.709	235.585	0.806	308.8
3/4/2022	04:00:00 PM	292.071	29.019	49.044	145.635	0.846	308.8
3/4/2022	05:00:00 PM	98.576	27.882	51.823	91.955	0.294	308.8
3/4/2022	06:00:00 PM	-0.677	26.354	56.597	149.3	0.198	308.8
3/4/2022	07:00:00 PM	-1.896	25.397	63.101	88.029	0.196	308.8
3/4/2022	08:00:00 PM	0	23.874	70.67	80.238	0.195	308.8
3/4/2022	09:00:00 PM	-0.812	23.356	73.45	208.744	0.198	308.8
3/4/2022	10:00:00 PM	-0.406	22.538	76.622	121.754	0.197	308.8
3/4/2022	11:00:00 PM	-0.135	22.554	78.411	191.928	0.718	308.8
3/5/2022	12:00:00 AM	-0.677	22.641	79.073	295.496	0.203	308.8
3/5/2022	01:00:00 AM	-0.135	22.4	79.491	87.809	0.197	308.8
3/5/2022	02:00:00 AM	0.271	22.142	80.274	50.899	0.19	308.8

3/5/2022	03:00:00 AM	1.083	22.279	82.341	210.925	0.303	308.8
3/5/2022	04:00:00 AM	1.083	21.967	82.389	125.788	0.727	308.8
3/5/2022	05:00:00 AM	-0.542	21.702	82.625	226.943	0.199	308.8
3/5/2022	06:00:00 AM	0.135	21.949	81.179	356.408	0.208	308.8
3/5/2022	07:00:00 AM	55.787	22.892	79.142	138.395	1.141	308.8
3/5/2022	08:00:00 AM	124.167	23.452	77.645	117.022	1.644	308.8
3/5/2022	09:00:00 AM	124.438	23.365	75.716	122.45	0.193	308.8
3/5/2022	10:00:00 AM	425.987	23.963	70.316	18.03	0.682	308.8
3/5/2022	11:00:00 AM	202.567	24.182	65.896	59.65	0.197	308.8
3/5/2022	12:00:00 PM	123.626	24.621	63.299	142.925	0.196	308.8
3/5/2022	01:00:00 PM	111.304	24.063	64.689	208.519	0.2	308.8
3/5/2022	02:00:00 PM	89.097	23.933	63.259	89.83	0.682	308.8
3/5/2022	03:00:00 PM	79.89	23.724	64.542	73.068	0.369	308.8
3/5/2022	04:00:00 PM	89.774	23.219	65.087	95.934	0.985	308.8
3/5/2022	05:00:00 PM	27.623	22.723	65.601	285.512	0.202	308.8
3/5/2022	06:00:00 PM	1.76	22.376	66.174	77.068	1.796	308.8
3/5/2022	07:00:00 PM	1.354	22.345	63.011	5.569	0.532	308.8
3/5/2022	08:00:00 PM	0.271	22.244	63.292	120.219	0.217	308.8
3/5/2022	09:00:00 PM	0.271	22.159	60.839	105.949	0.418	308.8
3/5/2022	10:00:00 PM	-0.406	21.963	58.911	63.902	0.193	308.8
3/5/2022	11:00:00 PM	-1.76	21.413	62.044	311.343	0.534	308.8
3/6/2022	12:00:00 AM	-2.302	21.281	61.859	129.909	0.748	308.8
3/6/2022	01:00:00 AM	1.625	20.947	60.093	168.251	0.414	308.8
3/6/2022	02:00:00 AM	0.542	21.324	55.38	83.243	1.015	308.8
3/6/2022	03:00:00 AM	0.135	21.214	53.679	106.599	1.239	308.8
3/6/2022	04:00:00 AM	0.406	21.306	52.756	93.798	0.708	308.8
3/6/2022	05:00:00 AM	1.489	21.43	53.237	128.414	2.081	308.8
3/6/2022	06:00:00 AM	-1.083	20.889	60.727	33.065	0.19	308.8
3/6/2022	07:00:00 AM	62.287	21.05	64.39	215.239	0.206	308.8
3/6/2022	08:00:00 AM	85.712	21.857	63.568	168.318	0.24	308.8
3/6/2022	09:00:00 AM	120.241	21.931	64.212	345.662	0.426	308.8
3/6/2022	10:00:00 AM	127.688	22.066	65.218	178.905	1.33	308.8
3/6/2022	11:00:00 AM	355.982	22.586	63.701	197.319	1.662	308.8
3/6/2022	12:00:00 PM	153.957	22.355	65.905	157.34	0.775	308.8
3/6/2022	01:00:00 PM	205.14	21.209	72.031	151.368	0.528	308.8
3/6/2022	02:00:00 PM	154.634	21.403	71.328	301.048	0.203	308.8
3/6/2022	03:00:00 PM	92.212	21.332	72.294	223.559	0.333	308.8
3/6/2022	04:00:00 PM	40.757	20.845	75.928	303.013	0.202	308.8
3/6/2022	05:00:00 PM	12.322	20.751	76.852	135.36	2.471	308.8
3/6/2022	06:00:00 PM	2.573	20.154	78.76	81.071	1.158	308.8
3/6/2022	07:00:00 PM	0.812	19.928	81.513	107.04	0.666	308.8
3/6/2022	08:00:00 PM	-1.896	19.599	83.842	135.232	0.855	308.8
3/6/2022	09:00:00 PM	1.896	19.418	84.909	216.772	0.694	308.8
3/6/2022	10:00:00 PM	1.489	19.211	89.405	99.425	0.465	309.6
3/6/2022	11:00:00 PM	1.896	19.195	89.767	160.538	0.511	309.9
3/7/2022	12:00:00 AM	2.302	19.504	88.846	104.265	0.876	310.1
3/7/2022	01:00:00 AM	3.114	19.491	89.029	205.878	1.247	310.1
3/7/2022	02:00:00 AM	0.271	19.578	88.62	95.822	0.476	310.2
3/7/2022	03:00:00 AM	0.812	19.333	89.893	118.389	0.409	310.7
3/7/2022	04:00:00 AM	2.031	18.922	90.491	153.282	0.195	311.8

3/7/2022	05:00:00 AM	1.489	18.674	90.473	170.608	0.195	312.9
3/7/2022	06:00:00 AM	2.437	18.719	90.473	5.879	0.18	314.4
3/7/2022	07:00:00 AM	18.28	18.585	90.653	54.574	0.19	316
3/7/2022	08:00:00 AM	36.289	18.416	90.409	31.944	0.189	318.1
3/7/2022	09:00:00 AM	71.088	18.627	90.855	343.112	0.203	320.9
3/7/2022	10:00:00 AM	38.049	17.794	90.589	203.692	0.196	322.9
3/7/2022	11:00:00 AM	68.109	17.399	90.551	63.852	0.188	323.4
3/7/2022	12:00:00 PM	72.984	16.977	91.755	24.308	0.726	324.5
3/7/2022	01:00:00 PM	48.069	16.471	91.616	275.965	0.199	325.6
3/7/2022	02:00:00 PM	63.776	16.3	92.194	119.371	0.192	327.6
3/7/2022	03:00:00 PM	35.747	16.172	89.987	258.501	1.7	328.3
3/7/2022	04:00:00 PM	51.725	15.89	89.604	180.41	1.015	329.2
3/7/2022	05:00:00 PM	22.884	15.403	88.433	193.377	0.749	329.9
3/7/2022	06:00:00 PM	3.25	14.526	89.06	122.032	0.19	330.3
3/7/2022	07:00:00 PM	4.875	14.837	80.625	246.803	0.55	330.4
3/7/2022	08:00:00 PM	2.031	14.719	74.659	347.144	0.198	330.4
3/7/2022	09:00:00 PM	0	14.478	71.888	189.71	0.868	330.4
3/7/2022	10:00:00 PM	2.437	14.36	75.858	263.039	1.344	330.4
3/7/2022	11:00:00 PM	2.708	14.407	75.167	210.209	1.174	330.4
3/8/2022	12:00:00 AM	3.25	14.444	76.265	229.95	2.559	330.4
3/8/2022	01:00:00 AM	1.76	14.361	78.057	183.896	0.195	330.4
3/8/2022	02:00:00 AM	3.114	14.206	79.416	216.091	0.984	330.4
3/8/2022	03:00:00 AM	0.948	14.564	77.676	222.88	0.501	330.4
3/8/2022	04:00:00 AM	0.542	14.525	81.694	102.07	0.185	330.4
3/8/2022	05:00:00 AM	-0.812	14.035	83.736	278.89	0.195	330.4
3/8/2022	06:00:00 AM	0.542	14.213	81.894	100.433	0.19	330.4
3/8/2022	07:00:00 AM	146.78	15.443	77.157	186.124	0.193	330.4
3/8/2022	08:00:00 AM	450.902	18.522	60.039	134.857	0.793	330.4
3/8/2022	09:00:00 AM	696.935	20.876	48.939	156.346	0.196	330.4
3/8/2022	10:00:00 AM	958.946	21.126	39.873	292.164	1.071	330.4
3/8/2022	11:00:00 AM	974.111	22.898	36.197	337.009	0.241	330.4
3/8/2022	12:00:00 PM	975.871	22.399	33.057	87.493	0.392	330.4
3/8/2022	01:00:00 PM	939.718	23.214	31.884	128.13	1.702	330.4
3/8/2022	02:00:00 PM	832.07	23.3	33.849	136.281	1.025	330.4
3/8/2022	03:00:00 PM	647.105	23.339	37.741	130.422	0.396	330.4
3/8/2022	04:00:00 PM	422.467	22.485	36.721	356.053	0.751	330.4
3/8/2022	05:00:00 PM	169.122	20.829	41.814	82.32	0.558	330.4
3/8/2022	06:00:00 PM	-0.406	19.546	48.5	149.143	1.623	330.4
3/8/2022	07:00:00 PM	-2.031	18.56	53.768	229.555	0.562	330.4
3/8/2022	08:00:00 PM	-2.844	18.448	54.842	97.732	0.815	330.4
3/8/2022	09:00:00 PM	-3.385	18.465	54.865	120.412	1.737	330.4
3/8/2022	10:00:00 PM	-2.708	18.304	56.13	152.469	0.623	330.4
3/8/2022	11:00:00 PM	-2.708	18.64	51.668	119.627	0.443	330.4
3/9/2022	12:00:00 AM	-1.76	18.067	55.366	88.855	0.187	330.4
3/9/2022	01:00:00 AM	-3.791	17.038	61.335	82.787	0.188	330.4
3/9/2022	02:00:00 AM	-4.333	16.741	63.041	152.524	1.143	330.4
3/9/2022	03:00:00 AM	-1.896	16.047	67.183	191.852	0.76	330.4
3/9/2022	04:00:00 AM	-2.573	15.529	71.12	33.637	0.544	330.4
3/9/2022	05:00:00 AM	-2.302	15.58	71.784	93.396	1.071	330.4
3/9/2022	06:00:00 AM	-0.948	15.176	75.501	114.504	0.189	330.4

3/9/2022	07:00:00 AM	145.02	17.335	69.559	175.307	0.193	330.4
3/9/2022	08:00:00 AM	388.886	23.163	50.062	265.986	0.199	330.4
3/9/2022	09:00:00 AM	621.92	24.816	45.411	151.953	0.195	330.4
3/9/2022	10:00:00 AM	805.937	27.098	36.177	93.185	0.848	330.4
3/9/2022	11:00:00 AM	936.468	27.786	32.063	155.775	0.642	330.4
3/9/2022	12:00:00 PM	964.091	28.541	30.599	195.205	0.199	330.4
3/9/2022	01:00:00 PM	920.219	28.642	30.821	105.703	1.359	330.4
3/9/2022	02:00:00 PM	808.51	28.001	35.414	83.239	0.866	330.4
3/9/2022	03:00:00 PM	633.7	27.046	39.959	26.832	0.923	330.4
3/9/2022	04:00:00 PM	409.874	25.69	43.747	117.319	1.394	330.4
3/9/2022	05:00:00 PM	167.633	24.785	46.874	139.939	0.562	330.4
3/9/2022	06:00:00 PM	2.031	23.733	51.662	143.903	1.188	330.4
3/9/2022	07:00:00 PM	-1.354	23.23	52.59	134.502	2.088	330.4
3/9/2022	08:00:00 PM	-1.76	23.005	54.92	117.663	0.193	330.4
3/9/2022	09:00:00 PM	-1.489	22.795	54.698	61.218	0.67	330.4
3/9/2022	10:00:00 PM	-1.76	22.697	54.796	67.894	1.095	330.4
3/9/2022	11:00:00 PM	-2.844	22.566	54.136	255.632	1.007	330.4
3/10/2022	12:00:00 AM	-4.198	22.531	55.197	129.477	1.488	330.4
3/10/2022	01:00:00 AM	-3.114	22.288	55.379	153.506	0.479	330.4
3/10/2022	02:00:00 AM	-0.677	22.245	57.169	94.139	0.194	330.4
3/10/2022	03:00:00 AM	-1.354	22.614	55.307	160.234	0.196	330.4
3/10/2022	04:00:00 AM	-1.083	21.918	55.962	229.866	0.193	330.4
3/10/2022	05:00:00 AM	-0.406	21.573	58.775	90.869	0.192	330.4
3/10/2022	06:00:00 AM	-0.406	19.652	70.694	306.995	0.2	330.4
3/10/2022	07:00:00 AM	61.339	19.416	72.854	275.438	1.908	330.4
3/10/2022	08:00:00 AM	150.165	20.622	65.35	17.142	0.189	330.4
3/10/2022	09:00:00 AM	652.386	25.082	46.062	253.963	1.474	330.4
3/10/2022	10:00:00 AM	846.559	28.488	37.001	345.728	0.853	330.4
3/10/2022	11:00:00 AM	1088.529	29.351	37.182	102.121	0.198	330.4
3/10/2022	12:00:00 PM	366.409	30.966	32.526	33.45	0.195	330.4
3/10/2022	01:00:00 PM	342.577	28.046	37.231	164.736	0.425	330.4
3/10/2022	02:00:00 PM	186.319	25.863	51.674	194.263	0.387	330.4
3/10/2022	03:00:00 PM	232.763	25.466	55.183	175.654	0.201	330.4
3/10/2022	04:00:00 PM	166.008	25.647	50.179	320.799	0.205	330.4
3/10/2022	05:00:00 PM	62.422	25.697	50.052	176.811	0.4	330.4
3/10/2022	06:00:00 PM	0.948	24.372	55.896	73.339	0.823	330.4
3/10/2022	07:00:00 PM	-1.625	23.663	57.58	117.724	0.192	330.4
3/10/2022	08:00:00 PM	-3.927	23.174	57.941	110.61	0.192	330.4
3/10/2022	09:00:00 PM	-2.844	22.265	63.864	142.559	0.194	330.4
3/10/2022	10:00:00 PM	-5.01	21.05	71.948	223.648	0.54	330.4
3/10/2022	11:00:00 PM	-3.791	20.099	76.444	234.102	0.342	330.4
3/11/2022	12:00:00 AM	-4.062	20.591	70.897	138.761	0.785	330.4
3/11/2022	01:00:00 AM	-3.521	20.265	69.048	234.553	0.765	330.4
3/11/2022	02:00:00 AM	-1.219	19.639	73.076	186.283	0.199	330.4
3/11/2022	03:00:00 AM	-3.791	19.463	73.023	175.326	0.194	330.4
3/11/2022	04:00:00 AM	-3.927	19.197	74.396	43.412	0.188	330.4
3/11/2022	05:00:00 AM	-1.76	19.27	73.898	78.581	0.191	330.4
3/11/2022	06:00:00 AM	0.677	18.806	73.164	218.581	0.402	330.4
3/11/2022	07:00:00 AM	135.135	19.765	70.717	277.694	0.199	330.4
3/11/2022	08:00:00 AM	374.127	22.238	61.641	142.304	0.385	330.4

3/11/2022 09:00:00 AM	600.661	25.773	47.756	310.154	0.204	330.4
3/11/2022 10:00:00 AM	780.751	27.299	40.693	126.108	0.654	330.4
3/11/2022 11:00:00 AM	877.567	30.143	33.21	300.259	0.207	330.4
3/11/2022 12:00:00 PM	915.209	29.954	30.519	102.734	0.197	330.4
3/11/2022 01:00:00 PM	848.183	30.873	35.243	186.065	0.205	330.4
3/11/2022 02:00:00 PM	742.161	29.601	37.306	306.665	0.202	330.4
3/11/2022 03:00:00 PM	563.695	29.654	36.243	201.622	0.964	330.4
3/11/2022 04:00:00 PM	379.679	27.936	43.221	205.242	0.672	330.4
3/11/2022 05:00:00 PM	127.553	26.47	44.947	31.565	0.889	330.4
3/11/2022 06:00:00 PM	0	24.808	51.424	21.773	0.192	330.4
3/11/2022 07:00:00 PM	-1.896	23.615	55.436	39.537	0.194	330.4
3/11/2022 08:00:00 PM	-1.896	23.081	68.657	41.633	0.836	330.4
3/11/2022 09:00:00 PM	-2.708	23.035	67.23	172.215	0.195	330.4
3/11/2022 10:00:00 PM	-1.219	23.1	67.167	161.948	0.197	330.4
3/11/2022 11:00:00 PM	-2.708	23.418	65.858	124.45	0.971	330.4
3/12/2022 12:00:00 AM	-2.166	23.119	67.543	89.553	0.193	330.4
3/12/2022 01:00:00 AM	-2.979	23.354	67.55	78.298	0.191	330.4
3/12/2022 02:00:00 AM	-1.354	23.905	65.388	202.145	0.2	330.4
3/12/2022 03:00:00 AM	-1.625	23.41	67.221	80.392	0.195	330.4
3/12/2022 04:00:00 AM	-0.542	22.528	71.303	55.736	0.192	330.4
3/12/2022 05:00:00 AM	-0.948	22.507	69.676	141.086	0.195	330.4
3/12/2022 06:00:00 AM	-0.406	23.542	65.719	184.887	0.904	330.4
3/12/2022 07:00:00 AM	137.573	24.931	60.441	117.627	1.264	330.4
3/12/2022 08:00:00 AM	381.71	27.075	52.278	162.7	0.991	330.4
3/12/2022 09:00:00 AM	613.66	28.728	47.087	167.381	0.242	330.4
3/12/2022 10:00:00 AM	786.303	29.545	44.085	90.086	1.373	330.4
3/12/2022 11:00:00 AM	890.836	30.672	41.711	104.565	1.447	330.4
3/12/2022 12:00:00 PM	930.646	31.149	41.977	133.097	1.171	330.4
3/12/2022 01:00:00 PM	895.711	31.124	42.099	84.175	0.202	330.4
3/12/2022 02:00:00 PM	784.272	30.524	43.43	36.073	1.59	330.4
3/12/2022 03:00:00 PM	612.848	31.018	42.981	138.602	2.05	330.4
3/12/2022 04:00:00 PM	363.43	29.233	48.42	136.356	3.148	330.4
3/12/2022 05:00:00 PM	137.708	27.515	54.921	133.548	0.661	330.4
3/12/2022 06:00:00 PM	3.114	26.356	59.422	196.235	0.908	330.4
3/12/2022 07:00:00 PM	-1.083	25.653	60.535	108.737	1.311	330.4
3/12/2022 08:00:00 PM	-1.625	25.375	61.658	102.788	0.91	330.4
3/12/2022 09:00:00 PM	-0.406	25.38	62.164	102.681	1.469	330.4
3/12/2022 10:00:00 PM	-2.437	25.383	60.03	142.532	1.953	330.4
3/12/2022 11:00:00 PM	-1.489	25.606	56.518	135.872	0.63	330.4
3/13/2022 12:00:00 AM	-1.896	25.176	60.408	108.636	0.404	330.4
3/13/2022 01:00:00 AM	-1.083	24.039	64.487	265.813	0.742	330.4
3/13/2022 02:00:00 AM	-0.948	23.401	66.696	217.157	2.69	330.4
3/13/2022 03:00:00 AM	0.135	21.989	73.807	264.465	1.656	330.4
3/13/2022 04:00:00 AM	1.354	21.743	74.265	223.364	1.651	330.4
3/13/2022 05:00:00 AM	0.271	22.068	73.343	218.145	1.254	330.4
3/13/2022 06:00:00 AM	1.489	21.856	73.061	291.944	0.796	330.4
3/13/2022 07:00:00 AM	138.385	22.211	70.047	196.965	0.701	330.4
3/13/2022 08:00:00 AM	375.075	24.837	61	240.466	0.581	330.4
3/13/2022 09:00:00 AM	605.265	28.026	51.012	339.627	0.209	330.4
3/13/2022 10:00:00 AM	772.627	30.189	41.119	273.452	0.209	330.4

3/13/2022	11:00:00 AM	862.943	32.736	35.963	1.72	0.188	330.4
3/13/2022	12:00:00 PM	971.945	32.848	33.053	24.91	0.197	330.4
3/13/2022	01:00:00 PM	606.619	33.498	30.955	318.885	0.208	330.4
3/13/2022	02:00:00 PM	222.878	32.429	37.753	280.617	0.208	330.4
3/13/2022	03:00:00 PM	113.47	29.562	45.729	243.998	0.205	330.4
3/13/2022	04:00:00 PM	345.15	30.834	38.622	155.922	0.203	330.4
3/13/2022	05:00:00 PM	91.264	29.307	43.193	79.363	0.198	330.4
3/13/2022	06:00:00 PM	0.542	27.653	52.713	199.481	0.593	330.4
3/13/2022	07:00:00 PM	-0.812	26.172	60.441	272.769	0.203	330.4
3/13/2022	08:00:00 PM	-1.625	25.489	67.873	215.975	0.199	330.4
3/13/2022	09:00:00 PM	-1.083	24.893	70.464	103.222	0.2	330.4
3/13/2022	10:00:00 PM	0	24.525	70.362	162.322	0.873	330.4
3/13/2022	11:00:00 PM	-2.573	24.106	70.888	94.376	0.197	330.4
3/14/2022	12:00:00 AM	-1.354	23.796	69.956	284.279	0.202	330.4
3/14/2022	01:00:00 AM	0.271	23.692	68.17	356.343	0.208	330.4
3/14/2022	02:00:00 AM	1.354	22.461	72.648	262.029	1.722	330.4
3/14/2022	03:00:00 AM	-0.677	22.521	73.209	336.22	0.205	330.4
3/14/2022	04:00:00 AM	-1.354	21.461	73.864	243.062	0.2	330.4
3/14/2022	05:00:00 AM	-2.031	21.059	75.597	276.987	0.919	330.4
3/14/2022	06:00:00 AM	2.302	21.024	74.874	230.298	2.2	330.4
3/14/2022	07:00:00 AM	144.343	22.506	69.798	225.973	1.048	330.4
3/14/2022	08:00:00 AM	376.429	25.82	58.015	146.747	0.331	330.4
3/14/2022	09:00:00 AM	613.119	29.806	44.894	277.295	0.375	330.4
3/14/2022	10:00:00 AM	772.898	32.173	36.379	167.461	0.203	330.4
3/14/2022	11:00:00 AM	1196.583	34.202	28.581	251.187	0.209	330.4
3/14/2022	12:00:00 PM	449.006	32.397	33.667	331.215	0.212	330.4
3/14/2022	01:00:00 PM	245.356	30.159	41.316	142.929	0.542	330.4
3/14/2022	02:00:00 PM	151.113	30.221	41.853	64.576	0.201	330.4
3/14/2022	03:00:00 PM	385.23	29.601	43.419	289.031	0.205	330.4
3/14/2022	04:00:00 PM	160.998	29.852	42.3	76.149	0.198	330.4
3/14/2022	05:00:00 PM	82.868	28.214	48.553	160.323	0.198	330.4
3/14/2022	06:00:00 PM	5.281	26.953	55.321	117.892	0.198	330.4
3/14/2022	07:00:00 PM	-0.948	26.024	58.774	145.721	0.795	330.4
3/14/2022	08:00:00 PM	-0.406	25.441	62.611	105.236	0.819	330.4
3/14/2022	09:00:00 PM	-0.812	25.016	65.117	86.141	0.624	330.4
3/14/2022	10:00:00 PM	0.271	24.513	68.271	61.014	0.328	330.4
3/14/2022	11:00:00 PM	-0.542	24.265	69.438	76.062	0.61	330.4
3/15/2022	12:00:00 AM	-0.542	23.731	71.912	138.498	0.197	330.4
3/15/2022	01:00:00 AM	-2.166	23.246	73.655	125.4	0.197	330.4
3/15/2022	02:00:00 AM	0.271	22.469	75.343	322.043	0.208	330.4
3/15/2022	03:00:00 AM	0.406	22.09	77.548	22.313	0.193	330.4
3/15/2022	04:00:00 AM	-0.677	21.788	78.92	124.653	0.431	330.4
3/15/2022	05:00:00 AM	0.812	21.65	78.956	272.067	0.203	330.4
3/15/2022	06:00:00 AM	2.031	21.231	80.408	142.152	0.674	330.4
3/15/2022	07:00:00 AM	49.559	21.827	76.927	221.083	0.201	330.4
3/15/2022	08:00:00 AM	382.116	25.575	63.549	27.248	0.196	330.4
3/15/2022	09:00:00 AM	601.88	28.515	54.101	59.102	0.202	330.4
3/15/2022	10:00:00 AM	814.738	30.852	48.96	47.725	0.2	330.4
3/15/2022	11:00:00 AM	876.213	31.457	46.609	22.21	0.201	330.4
3/15/2022	12:00:00 PM	926.448	32.914	42.785	61.608	0.207	330.4

3/15/2022	01:00:00 PM	281.374	32.722	42.542	37.797	0.876	330.4
3/15/2022	02:00:00 PM	774.658	31.779	44.886	198.494	2.144	330.4
3/15/2022	03:00:00 PM	585.631	31.215	48.666	222.747	0.205	330.4
3/15/2022	04:00:00 PM	358.014	29.858	54.285	355.513	0.211	330.4
3/15/2022	05:00:00 PM	136.354	28.485	58.833	81.936	0.568	330.4
3/15/2022	06:00:00 PM	2.979	26.895	62.118	39.878	0.669	330.4
3/15/2022	07:00:00 PM	1.354	26.034	62.599	231.059	0.426	330.4
3/15/2022	08:00:00 PM	-0.135	25.393	65.145	40.959	0.872	330.4
3/15/2022	09:00:00 PM	0	25.108	65.91	98.887	0.192	330.4
3/15/2022	10:00:00 PM	-0.406	24.899	67.475	62.582	0.434	330.4
3/15/2022	11:00:00 PM	-0.406	25.042	67.596	149.505	0.911	330.4
3/16/2022	12:00:00 AM	-0.135	25.078	67.257	41.509	0.482	330.4
3/16/2022	01:00:00 AM	-0.542	24.761	69.422	247.628	0.2	330.4
3/16/2022	02:00:00 AM	1.219	24.561	69.829	94.442	0.196	330.4
3/16/2022	03:00:00 AM	-0.406	24.275	70.487	83.997	0.509	330.4
3/16/2022	04:00:00 AM	0.135	24.235	71.59	93.952	0.195	330.4
3/16/2022	05:00:00 AM	-0.948	23.934	73.724	99.967	0.196	330.4
3/16/2022	06:00:00 AM	2.979	23.676	75.366	114.649	0.196	330.4
3/16/2022	07:00:00 AM	102.773	24.618	71.35	200.303	0.198	330.4
3/16/2022	08:00:00 AM	381.71	27.122	61.587	224.452	0.34	330.4
3/16/2022	09:00:00 AM	606.89	31.394	49.344	124.375	0.2	330.4
3/16/2022	10:00:00 AM	797.542	31.328	47.274	145.2	0.498	330.4
3/16/2022	11:00:00 AM	804.718	31.89	44.161	198.579	2.433	330.4
3/16/2022	12:00:00 PM	891.649	32.959	41.562	178.599	1.129	330.4
3/16/2022	01:00:00 PM	780.345	32.36	44.648	143.837	1.266	330.4
3/16/2022	02:00:00 PM	663.219	31.384	48.96	136.648	1.459	330.4
3/16/2022	03:00:00 PM	455.371	29.896	52.827	351.638	0.213	330.4
3/16/2022	04:00:00 PM	219.764	29.217	55.797	83.398	0.898	330.4
3/16/2022	05:00:00 PM	46.986	27.78	60.776	110.78	0.361	330.4
3/16/2022	06:00:00 PM	3.656	27.375	63.245	142.608	0.546	330.4
3/16/2022	07:00:00 PM	0.812	26.87	64.628	190.263	0.289	330.4
3/16/2022	08:00:00 PM	0.812	26.579	65.903	143.613	0.738	330.4
3/16/2022	09:00:00 PM	1.219	26.455	66.475	166.017	0.197	330.4
3/16/2022	10:00:00 PM	2.573	26.395	66.615	88.358	0.51	330.4
3/16/2022	11:00:00 PM	2.708	26.5	66.391	17.161	0.196	330.4
3/17/2022	12:00:00 AM	1.489	26.385	65.87	200.37	0.847	330.4
3/17/2022	01:00:00 AM	-0.406	26.514	64.861	15.23	0.195	330.4
3/17/2022	02:00:00 AM	1.76	26.324	64.786	119.143	0.231	330.4
3/17/2022	03:00:00 AM	1.625	24.564	74.007	112.545	0.202	330.4
3/17/2022	04:00:00 AM	2.437	24.973	73.927	251.479	0.944	330.4
3/17/2022	05:00:00 AM	1.083	24.559	74.687	1.033	0.18	330.4
3/17/2022	06:00:00 AM	2.166	24.086	77.301	145.185	0.201	330.4
3/17/2022	07:00:00 AM	98.169	24.384	76.328	258.115	1.599	330.4
3/17/2022	08:00:00 AM	407.166	26.168	72.666	263.151	1.083	330.4
3/17/2022	09:00:00 AM	293.154	29.022	60.928	116.97	0.202	330.4
3/17/2022	10:00:00 AM	299.654	28.892	59.696	188.086	0.203	330.4
3/17/2022	11:00:00 AM	566.404	30.851	54.307	130.133	0.201	330.4
3/17/2022	12:00:00 PM	458.891	31.694	41.159	265.586	0.919	330.4
3/17/2022	01:00:00 PM	959.352	33.473	37.622	309.378	0.687	330.4
3/17/2022	02:00:00 PM	353.951	32.769	42.42	83.182	0.578	330.4



3/17/2022	03:00:00 PM	334.995	33.062	42.357	81.407	0.2	330.4
3/17/2022	04:00:00 PM	139.604	29.953	49.518	11.679	0.882	330.4
3/17/2022	05:00:00 PM	56.735	28.764	55.498	33.657	0.198	330.4
3/17/2022	06:00:00 PM	3.791	27.498	61.819	279.329	0.204	330.4
3/17/2022	07:00:00 PM	1.76	27.263	61.136	121.698	0.197	330.4
3/17/2022	08:00:00 PM	0.812	26.648	66.137	120.285	0.969	330.4
3/17/2022	09:00:00 PM	2.166	25.913	72.621	239.052	0.751	330.5
3/17/2022	10:00:00 PM	-0.135	24.168	83.793	43.535	0.194	330.7
3/17/2022	11:00:00 PM	2.844	24.264	86.583	36.946	0.195	333.4
3/18/2022	12:00:00 AM	2.979	24.52	87.551	120.549	0.196	333.5
3/18/2022	01:00:00 AM	2.844	24.525	88.856	257.431	0.203	333.6
3/18/2022	02:00:00 AM	5.01	24.171	89.979	225.743	0.838	333.6
3/18/2022	03:00:00 AM	4.604	24.769	88.491	39.351	0.195	333.6
3/18/2022	04:00:00 AM	4.333	25.187	86.546	224.308	0.682	333.6
3/18/2022	05:00:00 AM	3.521	25.51	85.599	354.108	0.207	333.6
3/18/2022	06:00:00 AM	5.822	25.608	84.113	86.991	0.2	333.6
3/18/2022	07:00:00 AM	20.311	25.808	80.438	124.021	0.196	333.6
3/18/2022	08:00:00 AM	38.997	26.134	73.721	116.674	0.197	333.6
3/18/2022	09:00:00 AM	42.382	25.695	67.337	176.281	0.199	333.6
3/18/2022	10:00:00 AM	35.341	22.614	78.54	35.975	1.008	333.6
3/18/2022	11:00:00 AM	105.888	21.762	75.571	121.217	0.211	333.6
3/18/2022	12:00:00 PM	213.535	21.931	71.309	133.051	0.548	333.6
3/18/2022	01:00:00 PM	98.576	21.314	66.623	141.126	0.649	333.6
3/18/2022	02:00:00 PM	166.279	21.693	63.149	166.915	1.005	333.6
3/18/2022	03:00:00 PM	213.265	21.483	59.41	185.49	1.339	333.6
3/18/2022	04:00:00 PM	128.5	20.811	61.222	89.749	0.197	333.6
3/18/2022	05:00:00 PM	81.379	20.161	65.957	242.202	0.199	333.6
3/18/2022	06:00:00 PM	5.958	20.247	67.024	116.197	0.519	333.6
3/18/2022	07:00:00 PM	3.385	20.04	68.501	234.654	0.978	333.6
3/18/2022	08:00:00 PM	3.25	19.957	68.495	54.64	0.404	333.6
3/18/2022	09:00:00 PM	2.844	20.16	68.443	56.389	0.673	333.6
3/18/2022	10:00:00 PM	0	20.197	69.266	337.615	0.205	333.6
3/18/2022	11:00:00 PM	0	19.92	72.054	187.233	0.41	333.6
3/19/2022	12:00:00 AM	1.083	19.793	73.889	110.331	0.195	333.6
3/19/2022	01:00:00 AM	1.625	19.656	75.874	329.641	0.558	333.6
3/19/2022	02:00:00 AM	1.083	19.375	78.102	121.269	0.198	333.6
3/19/2022	03:00:00 AM	0.135	19.305	78.875	330.451	0.202	333.6
3/19/2022	04:00:00 AM	0.542	19.016	79.85	121.315	0.193	333.6
3/19/2022	05:00:00 AM	-0.135	19.206	79.75	37.856	0.193	333.6
3/19/2022	06:00:00 AM	3.25	18.644	80.633	143.278	0.608	333.6
3/19/2022	07:00:00 AM	148.676	20.207	73.826	121.031	0.735	333.6
3/19/2022	08:00:00 AM	381.303	22.874	64.253	17.14	0.194	333.6
3/19/2022	09:00:00 AM	618.806	26.446	52.589	176.648	0.2	333.6
3/19/2022	10:00:00 AM	417.728	26.206	57.077	105.159	1.026	333.6
3/19/2022	11:00:00 AM	930.917	27.634	53.985	11.616	0.91	333.6
3/19/2022	12:00:00 PM	895.305	29.851	49.15	322.453	0.208	333.6
3/19/2022	01:00:00 PM	868.765	32.819	39.966	282.557	0.209	333.6
3/19/2022	02:00:00 PM	763.69	32.343	40.059	73.679	0.2	333.6
3/19/2022	03:00:00 PM	585.767	30.773	46.708	79.997	0.199	333.6
3/19/2022	04:00:00 PM	356.118	28.307	53.754	294.804	0.551	333.6

3/19/2022	05:00:00 PM	76.775	25.249	65.411	94.179	0.47	333.6
3/19/2022	06:00:00 PM	2.844	24.165	71.151	100.534	0.731	333.6
3/19/2022	07:00:00 PM	1.625	23.906	74.463	141.683	0.207	333.6
3/19/2022	08:00:00 PM	1.083	23.656	76.19	132.804	0.833	333.6
3/19/2022	09:00:00 PM	2.979	23.549	77.919	142.873	1.1	333.6
3/19/2022	10:00:00 PM	2.302	23.519	77.824	173.535	0.197	333.6
3/19/2022	11:00:00 PM	1.76	23.434	78.62	32.26	1.303	333.6
3/20/2022	12:00:00 AM	0.406	23.319	79.255	40.639	0.296	333.6
3/20/2022	01:00:00 AM	2.437	23.073	81.15	143.471	1.255	333.6
3/20/2022	02:00:00 AM	2.437	23.026	81.01	77.363	0.614	333.6
3/20/2022	03:00:00 AM	2.166	23.082	80.867	37.806	0.434	333.6
3/20/2022	04:00:00 AM	1.219	23.034	81.087	307.864	0.205	333.6
3/20/2022	05:00:00 AM	3.521	23.119	81.239	37.913	0.777	333.6
3/20/2022	06:00:00 AM	7.041	22.737	81.788	112.937	0.662	333.6
3/20/2022	07:00:00 AM	90.857	23.468	78.942	109.29	0.419	333.6
3/20/2022	08:00:00 AM	491.253	27.769	61.863	126.391	0.198	333.6
3/20/2022	09:00:00 AM	309.403	27.572	57.279	78.177	0.197	333.6
3/20/2022	10:00:00 AM	813.655	28.875	53.852	118.919	0.631	333.6
3/20/2022	11:00:00 AM	910.876	29.051	53.399	180.594	0.27	333.6
3/20/2022	12:00:00 PM	927.531	30.69	49.421	100.706	0.477	333.6
3/20/2022	01:00:00 PM	368.711	29.439	53.891	60.725	1.937	333.6
3/20/2022	02:00:00 PM	188.214	28.765	57.86	83.281	1.048	333.6
3/20/2022	03:00:00 PM	227.618	29.232	56.014	235.513	0.217	333.6
3/20/2022	04:00:00 PM	109.137	28.035	59.477	267.449	2.571	333.6
3/20/2022	05:00:00 PM	81.514	26.981	64.186	131.141	1.052	333.6
3/20/2022	06:00:00 PM	4.604	26.517	65.329	52.661	0.937	333.6
3/20/2022	07:00:00 PM	1.489	26.238	66.249	94.221	0.418	333.6
3/20/2022	08:00:00 PM	3.25	26.155	66.772	221.97	0.198	333.6
3/20/2022	09:00:00 PM	1.354	25.786	68.48	221.824	1.028	333.6
3/20/2022	10:00:00 PM	2.844	24.319	79.184	349.007	0.207	333.6
3/20/2022	11:00:00 PM	2.437	24.208	79.527	82.602	0.194	333.6
3/21/2022	12:00:00 AM	3.521	24.403	78.261	53.193	0.194	333.6
3/21/2022	01:00:00 AM	3.521	24.099	79.188	61.049	0.194	333.6
3/21/2022	02:00:00 AM	0.135	23.985	83.102	10.673	0.192	334
3/21/2022	03:00:00 AM	2.166	23.762	86.176	286.372	0.879	334.2
3/21/2022	04:00:00 AM	4.062	23.536	88.157	148.056	0.373	334.3
3/21/2022	05:00:00 AM	5.822	23.38	87.926	240.296	0.2	334.3
3/21/2022	06:00:00 AM	4.198	22.911	89.813	225.433	0.985	336.4
3/21/2022	07:00:00 AM	19.905	23.187	89.812	44.044	0.191	336.4
3/21/2022	08:00:00 AM	66.891	23.844	86.033	232.52	0.51	336.4
3/21/2022	09:00:00 AM	192.006	24.419	83.705	101.599	0.194	336.4
3/21/2022	10:00:00 AM	192.141	25.403	78.794	103.545	0.2	336.4
3/21/2022	11:00:00 AM	523.209	29.124	64.94	258.555	0.227	336.4
3/21/2022	12:00:00 PM	840.872	30.038	61.25	194.74	0.691	336.4
3/21/2022	01:00:00 PM	519.147	30.609	57.636	33.02	0.199	336.4
3/21/2022	02:00:00 PM	770.325	31.476	55.505	118.619	0.199	336.4
3/21/2022	03:00:00 PM	536.208	30.162	56.648	137.998	0.201	336.4
3/21/2022	04:00:00 PM	323.214	30.122	56.487	20.079	0.759	336.4
3/21/2022	05:00:00 PM	117.532	28.644	60.348	130.638	0.376	336.4
3/21/2022	06:00:00 PM	5.416	24.734	71.581	77.043	0.195	336.4

3/21/2022 07:00:00 PM	0.271	23.09	78.222	122.326	0.196	336.4
3/21/2022 08:00:00 PM	3.385	23.072	79.086	145.233	0.196	336.4
3/21/2022 09:00:00 PM	3.385	23.791	76.957	287.409	0.519	336.4
3/21/2022 10:00:00 PM	3.114	23.612	79.366	288.114	0.502	336.4
3/21/2022 11:00:00 PM	1.76	22.928	81.477	129.794	0.198	336.4
3/22/2022 12:00:00 AM	1.625	23.011	83.928	260.953	0.204	336.4
3/22/2022 01:00:00 AM	1.354	23.069	83.16	265.471	0.784	336.4
3/22/2022 02:00:00 AM	2.844	23.236	82.55	238.303	0.202	336.4
3/22/2022 03:00:00 AM	3.521	23.223	83.06	263.301	1.022	336.4
3/22/2022 04:00:00 AM	1.219	20.899	87.52	153.862	0.704	336.7
3/22/2022 05:00:00 AM	1.354	19.801	89.387	145.161	0.195	337.6
3/22/2022 06:00:00 AM	10.562	18.829	87.243	240.922	0.201	337.8
3/22/2022 07:00:00 AM	34.799	18.617	85.203	115.028	0.933	337.8
3/22/2022 08:00:00 AM	76.911	19.135	83.656	137.826	1.159	337.8
3/22/2022 09:00:00 AM	99.388	19.501	82.83	313.413	0.736	337.9
3/22/2022 10:00:00 AM	102.909	19.831	79.788	161.861	0.449	337.9
3/22/2022 11:00:00 AM	127.553	20.297	74.452	118.479	0.679	337.9
3/22/2022 12:00:00 PM	132.563	19.954	81.036	163.241	0.198	337.9
3/22/2022 01:00:00 PM	102.096	20.328	79.732	116.769	0.938	337.9
3/22/2022 02:00:00 PM	136.354	20.572	82.671	148.619	0.873	337.9
3/22/2022 03:00:00 PM	89.503	21.096	76.772	181.468	0.554	337.9
3/22/2022 04:00:00 PM	34.664	20.507	80.295	131.717	0.416	337.9
3/22/2022 05:00:00 PM	32.091	20.202	83.211	48.766	0.192	337.9
3/22/2022 06:00:00 PM	2.979	20.024	83.77	94.502	0.666	337.9
3/22/2022 07:00:00 PM	3.521	19.293	83.584	108.887	1.003	337.9
3/22/2022 08:00:00 PM	0.677	18.801	86.137	108.267	0.994	337.9
3/22/2022 09:00:00 PM	1.489	18.969	87	32.299	0.193	337.9
3/22/2022 10:00:00 PM	0.271	18.96	89.995	107.789	0.655	337.9
3/22/2022 11:00:00 PM	1.625	19.233	90.678	191.824	0.197	338.1
3/23/2022 12:00:00 AM	2.437	19.335	91.754	53.772	0.187	340.9
3/23/2022 01:00:00 AM	2.437	19.099	90.86	136.52	0.198	341
3/23/2022 02:00:00 AM	3.656	19.183	90.014	78.493	0.572	341
3/23/2022 03:00:00 AM	5.958	19.058	87.563	116.839	0.982	341
3/23/2022 04:00:00 AM	2.708	18.782	89.528	116.877	0.634	342.5
3/23/2022 05:00:00 AM	2.844	17.57	90.901	138.622	0.193	350.8
3/23/2022 06:00:00 AM	4.333	17.109	90.815	43.941	0.669	353
3/23/2022 07:00:00 AM	37.507	16.969	88.221	110.47	0.584	354.1
3/23/2022 08:00:00 AM	49.559	17.277	87.728	141.384	0.87	355
3/23/2022 09:00:00 AM	45.903	17.33	86.472	106.327	0.538	355
3/23/2022 10:00:00 AM	60.391	17.592	82.234	107.439	0.364	355
3/23/2022 11:00:00 AM	83.139	17.221	84.503	94.243	0.881	355.1
3/23/2022 12:00:00 PM	198.099	17.461	84.259	50.277	0.538	355.4
3/23/2022 01:00:00 PM	169.935	17.341	78.854	110.642	2.177	355.4
3/23/2022 02:00:00 PM	123.626	17.191	80.381	154.617	0.684	355.4
3/23/2022 03:00:00 PM	82.868	17.073	83.727	87.114	0.983	355.5
3/23/2022 04:00:00 PM	106.294	16.858	83.555	148.363	0.516	355.8
3/23/2022 05:00:00 PM	55.787	16.713	85.232	91.731	0.684	356.3
3/23/2022 06:00:00 PM	2.302	16.582	85.383	162.12	0.191	356.3
3/23/2022 07:00:00 PM	0.271	16.349	87.151	158.173	1.225	356.3
3/23/2022 08:00:00 PM	0.812	16.295	88.98	48.304	0.185	356.6

3/23/2022 09:00:00 PM	0.406	16.092	87.951	141.044	0.194	356.8
3/23/2022 10:00:00 PM	0.677	16	87.208	131.444	0.738	356.9
3/23/2022 11:00:00 PM	1.219	16.096	89.055	37.55	0.544	357.3
3/24/2022 12:00:00 AM	2.031	16.18	89.486	193.843	0.618	357.4
3/24/2022 01:00:00 AM	3.25	16.474	88.833	144.298	0.192	357.5
3/24/2022 02:00:00 AM	1.489	16.603	88.673	124.105	0.255	357.6
3/24/2022 03:00:00 AM	0.677	16.718	90.12	348.27	0.708	358
3/24/2022 04:00:00 AM	-0.135	16.914	90.482	150.73	0.345	358.1
3/24/2022 05:00:00 AM	3.791	17.406	89.195	197.564	0.194	358.1
3/24/2022 06:00:00 AM	0.812	17.913	87.746	127.742	0.408	358.1
3/24/2022 07:00:00 AM	19.634	17.841	88.512	43.486	0.191	358.1
3/24/2022 08:00:00 AM	80.567	18.563	85.678	135.251	0.814	358.1
3/24/2022 09:00:00 AM	215.973	19.835	81.18	263.118	1.008	358.1
3/24/2022 10:00:00 AM	152.467	20.921	77.683	149.117	0.193	358.2
3/24/2022 11:00:00 AM	283.54	22.602	71.52	151.008	0.197	358.2
3/24/2022 12:00:00 PM	169.799	23.66	64.666	58.095	0.922	358.2
3/24/2022 01:00:00 PM	109.679	23.887	66.528	73.763	0.621	358.2
3/24/2022 02:00:00 PM	100.878	24.239	67.76	149.865	0.197	358.2
3/24/2022 03:00:00 PM	55.381	23.802	65.146	84.767	0.193	358.2
3/24/2022 04:00:00 PM	32.091	23.316	65.909	98.136	0.191	358.2
3/24/2022 05:00:00 PM	32.091	22.918	70.666	109.953	0.47	358.2
3/24/2022 06:00:00 PM	2.166	22.698	70.31	100.688	0.442	358.2
3/24/2022 07:00:00 PM	1.489	22.309	72.962	121.628	0.197	358.2
3/24/2022 08:00:00 PM	2.708	22.431	73.252	104.442	0.44	358.2
3/24/2022 09:00:00 PM	0.948	22.343	75.392	132.88	0.194	358.2
3/24/2022 10:00:00 PM	1.083	22.615	74.908	27.419	0.192	358.2
3/24/2022 11:00:00 PM	0.406	23.375	69.736	74.74	0.192	358.2
3/25/2022 12:00:00 AM	1.219	23.43	68.622	114.079	0.48	358.2
3/25/2022 01:00:00 AM	0.271	22.78	72.458	98.84	0.191	358.2
3/25/2022 02:00:00 AM	1.083	22.605	74.23	47.731	0.191	358.2
3/25/2022 03:00:00 AM	3.114	22.074	77.482	122.581	0.193	358.2
3/25/2022 04:00:00 AM	0	21.664	82.303	203.447	0.198	358.3
3/25/2022 05:00:00 AM	5.01	21.536	85.102	52.796	0.192	358.3
3/25/2022 06:00:00 AM	3.927	21.441	87.106	110.976	0.192	358.3
3/25/2022 07:00:00 AM	35.612	21.785	87.231	247.324	0.387	358.3
3/25/2022 08:00:00 AM	90.722	22.833	83.855	319.599	0.202	358.3
3/25/2022 09:00:00 AM	383.741	25.582	74.199	253.476	0.197	358.4
3/25/2022 10:00:00 AM	531.333	28.911	59.981	281.129	0.202	358.4
3/25/2022 11:00:00 AM	390.646	30.243	54.218	200.388	0.321	358.4
3/25/2022 12:00:00 PM	798.354	31.408	47.952	90.923	0.2	358.4
3/25/2022 01:00:00 PM	517.251	32.695	45.928	52.729	0.197	358.4
3/25/2022 02:00:00 PM	791.855	35.111	41.578	336.251	0.207	358.4
3/25/2022 03:00:00 PM	545.28	31.116	55.218	164.446	0.201	358.4
3/25/2022 04:00:00 PM	251.991	29.095	58.671	105.902	0.197	358.4
3/25/2022 05:00:00 PM	106.294	28.465	62.261	72.156	0.193	358.4
3/25/2022 06:00:00 PM	4.062	27.587	65.572	137.465	0.875	358.4
3/25/2022 07:00:00 PM	3.25	26.96	70.594	41.742	0.193	358.4
3/25/2022 08:00:00 PM	3.656	26.803	72.567	136.351	0.194	358.4
3/25/2022 09:00:00 PM	1.76	26.332	75.133	119.024	0.197	358.4
3/25/2022 10:00:00 PM	2.437	26.13	76.801	324.384	0.206	358.4

3/25/2022 11:00:00 PM	-0.271	25.645	79.452	240.7	0.235	358.4
3/26/2022 12:00:00 AM	1.489	25.08	83.438	183.718	0.198	358.4
3/26/2022 01:00:00 AM	3.521	24.632	86.044	120.787	0.195	358.4
3/26/2022 02:00:00 AM	3.385	24.709	85.198	58.059	0.405	358.4
3/26/2022 03:00:00 AM	1.625	24.864	83.551	85.461	0.196	358.4
3/26/2022 04:00:00 AM	0.406	24.713	84.277	149.283	0.197	358.4
3/26/2022 05:00:00 AM	2.302	24.355	85.847	164.109	0.199	358.4
3/26/2022 06:00:00 AM	20.311	24.441	86.084	152.417	1.093	358.4
3/26/2022 07:00:00 AM	59.579	25.283	81.826	229.171	0.204	358.4
3/26/2022 08:00:00 AM	69.328	25.375	83.417	112.125	0.195	358.6
3/26/2022 09:00:00 AM	174.674	26.67	80.927	301.254	0.2	358.9
3/26/2022 10:00:00 AM	183.475	25.634	87.491	226.145	0.2	361.8
3/26/2022 11:00:00 AM	293.967	27.841	79.353	155.5	0.201	361.9
3/26/2022 12:00:00 PM	196.474	30.316	65.591	216.824	0.391	361.9
3/26/2022 01:00:00 PM	350.295	29.87	69.383	158.753	0.202	361.9
3/26/2022 02:00:00 PM	166.549	27.276	82.838	345.182	0.207	364.5
3/26/2022 03:00:00 PM	128.23	27.675	77.534	95.831	0.194	364.7
3/26/2022 04:00:00 PM	126.74	27.906	78.7	169.42	0.2	364.7
3/26/2022 05:00:00 PM	9.749	24.09	86.23	287.784	0.201	367.9
3/26/2022 06:00:00 PM	9.478	22.493	90.849	103.096	0.747	373.3
3/26/2022 07:00:00 PM	8.395	22.638	90.007	103.164	0.196	373.3
3/26/2022 08:00:00 PM	6.499	22.206	90.545	137.893	1.022	373.3
3/26/2022 09:00:00 PM	2.844	21.978	87.41	140.146	1.196	373.3
3/26/2022 10:00:00 PM	2.031	20.435	88.633	143.697	1.734	373.5
3/26/2022 11:00:00 PM	3.791	19.883	87.586	160.292	1.436	373.5
3/27/2022 12:00:00 AM	4.062	19.951	85.952	333.149	0.952	373.5
3/27/2022 01:00:00 AM	2.302	19.287	91.423	22.338	0.189	382.5
3/27/2022 02:00:00 AM	2.437	19.174	90.016	214.677	0.192	384.7
3/27/2022 03:00:00 AM	4.875	19.156	89.57	89.341	1.316	387.8
3/27/2022 04:00:00 AM	2.844	19.246	88.306	356.762	0.203	387.8
3/27/2022 05:00:00 AM	2.031	18.513	89.268	91.828	0.581	388.3
3/27/2022 06:00:00 AM	3.114	18.488	89.163	8.209	0.187	389.3
3/27/2022 07:00:00 AM	42.517	18.092	90.857	180.605	0.214	394.2
3/27/2022 08:00:00 AM	31.008	18.121	86.878	286.207	0.586	394.5
3/27/2022 09:00:00 AM	39.403	17.724	88.505	76.367	0.192	395.8
3/27/2022 10:00:00 AM	165.737	18.131	88.911	185.024	0.818	400.1
3/27/2022 11:00:00 AM	425.987	19.379	79.967	54.86	1.366	400.1
3/27/2022 12:00:00 PM	341.359	19.406	73.08	124.948	0.195	400.1
3/27/2022 01:00:00 PM	156.123	19.744	68.75	84.614	0.527	400.1
3/27/2022 02:00:00 PM	98.982	19.528	72.971	146.096	0.197	400.1
3/27/2022 03:00:00 PM	62.151	19.046	79.031	307.625	0.215	400.1
3/27/2022 04:00:00 PM	10.426	18.245	86.672	123.655	0.596	400.3
3/27/2022 05:00:00 PM	17.197	18.081	89.987	150.151	0.205	405.1
3/27/2022 06:00:00 PM	3.927	18.127	89.424	121.992	0.632	405.9
3/27/2022 07:00:00 PM	2.979	18.004	88.842	93.518	0.477	407.5
3/27/2022 08:00:00 PM	5.958	17.742	86.138	116.952	0.409	408.7
3/27/2022 09:00:00 PM	1.625	17.15	83.912	128.526	1.238	409.6
3/27/2022 10:00:00 PM	2.031	17.103	81.835	108.07	1.518	409.7
3/27/2022 11:00:00 PM	3.656	16.823	82.78	252.069	0.196	410.8
3/28/2022 12:00:00 AM	5.281	17.009	82.221	65.356	0.397	410.9

3/28/2022 01:00:00 AM	2.979	17.649	79.364	105.41	0.876	410.9
3/28/2022 02:00:00 AM	0.406	17.281	83.635	143.681	1.238	411.5
3/28/2022 03:00:00 AM	3.656	16.797	88.494	150.274	0.811	415.3
3/28/2022 04:00:00 AM	2.437	17.081	86.965	151.183	0.606	416.4
3/28/2022 05:00:00 AM	2.844	16.983	90.075	158.362	0.574	421.5
3/28/2022 06:00:00 AM	3.521	17.197	87.829	220.748	0.195	422.4
3/28/2022 07:00:00 AM	8.124	16.997	91.547	284.027	0.394	428.9
3/28/2022 08:00:00 AM	16.113	17.379	92.17	143.379	0.192	432.6
3/28/2022 09:00:00 AM	41.028	17.47	91.447	144.922	1.66	438.4
3/28/2022 10:00:00 AM	63.776	17.892	91.119	49.759	0.581	442
3/28/2022 11:00:00 AM	89.503	18.201	89.459	145.253	0.738	443.6
3/28/2022 12:00:00 PM	66.755	18.463	89.515	187.651	0.199	445.1
3/28/2022 01:00:00 PM	141.229	18.75	88.206	56.79	1.619	446.7
3/28/2022 02:00:00 PM	53.621	18.538	87.794	98.999	0.594	447
3/28/2022 03:00:00 PM	38.862	18.472	89.318	172.049	0.227	447.3
3/28/2022 04:00:00 PM	8.937	18.257	88.814	96.754	0.191	447.8
3/28/2022 05:00:00 PM	25.05	18.039	90.841	185.387	0.601	451.5
3/28/2022 06:00:00 PM	2.437	18.248	89.476	129.928	0.193	452.7
3/28/2022 07:00:00 PM	2.979	18.269	92.321	151.649	0.314	457.8
3/28/2022 08:00:00 PM	3.521	18.73	91.868	185.717	0.192	458.1
3/28/2022 09:00:00 PM	3.521	18.984	92.311	129.377	0.608	459
3/28/2022 10:00:00 PM	3.791	19.314	92.928	33.493	0.188	461.4
3/28/2022 11:00:00 PM	2.708	19.222	93.314	254.04	0.198	463.5
3/29/2022 12:00:00 AM	3.927	19.253	93.433	69.4	0.19	466
3/29/2022 01:00:00 AM	2.844	19.179	93.724	116.883	0.193	468.5
3/29/2022 02:00:00 AM	3.656	19.297	94.098	83.504	0.19	471.2
3/29/2022 03:00:00 AM	4.468	19.306	94.542	52.635	0.188	472.8
3/29/2022 04:00:00 AM	4.333	19.443	94.74	143.805	0.467	475.4
3/29/2022 05:00:00 AM	2.573	19.882	93.895	89.862	0.686	476
3/29/2022 06:00:00 AM	10.697	20.462	92.696	134.532	0.194	476
3/29/2022 07:00:00 AM	35.341	21.289	90.018	103.763	1.16	476
3/29/2022 08:00:00 AM	112.387	21.867	88.673	154.994	0.657	476
3/29/2022 09:00:00 AM	173.455	22.728	83.466	238.254	0.593	476
3/29/2022 10:00:00 AM	265.396	24.315	74.409	17.479	1.193	476
3/29/2022 11:00:00 AM	277.853	25.229	71.089	131.444	0.747	476
3/29/2022 12:00:00 PM	466.609	26.19	65.899	112.237	1.436	476
3/29/2022 01:00:00 PM	358.42	26.526	63.669	157.103	0.199	476
3/29/2022 02:00:00 PM	315.361	26.876	61.299	97.713	0.999	476
3/29/2022 03:00:00 PM	140.687	26.406	63.712	132.349	1.049	476
3/29/2022 04:00:00 PM	140.281	26.198	62.122	265.444	0.22	476
3/29/2022 05:00:00 PM	121.73	26.348	60.375	159.667	0.946	476
3/29/2022 06:00:00 PM	10.562	25.75	65.65	222.125	0.499	476
3/29/2022 07:00:00 PM	3.25	25.241	69.172	289.612	0.202	476
3/29/2022 08:00:00 PM	1.76	24.874	71.461	80.46	0.193	476
3/29/2022 09:00:00 PM	3.114	24.629	68.84	75.368	0.56	476
3/29/2022 10:00:00 PM	2.166	24.884	68.827	87.711	1.252	476
3/29/2022 11:00:00 PM	3.25	24.698	71.781	113.261	1.071	476
3/30/2022 12:00:00 AM	2.031	24.878	74.602	95.658	0.194	476
3/30/2022 01:00:00 AM	2.979	24.616	75.179	114.774	0.198	476
3/30/2022 02:00:00 AM	2.573	24.319	76.021	134.873	0.193	476

3/30/2022 03:00:00 AM	2.031	23.953	78.387	299.788	0.199	476
3/30/2022 04:00:00 AM	2.302	23.184	81.247	301.774	1.36	476
3/30/2022 05:00:00 AM	0.812	22.956	84.823	263.611	1.763	476
3/30/2022 06:00:00 AM	8.801	22.942	85.551	120.58	0.643	476
3/30/2022 07:00:00 AM	57.954	23.011	84.946	120.976	0.706	476
3/30/2022 08:00:00 AM	178.059	25.369	73.499	106.108	0.196	476
3/30/2022 09:00:00 AM	615.556	28.991	62.757	194.178	0.2	476
3/30/2022 10:00:00 AM	802.416	31.806	52.491	185.461	0.2	476
3/30/2022 11:00:00 AM	257.001	31.806	49.536	68.727	0.197	476
3/30/2022 12:00:00 PM	241.971	28.4	63.389	189.514	0.201	476
3/30/2022 01:00:00 PM	150.978	26.189	73.387	166.215	0.197	476.1
3/30/2022 02:00:00 PM	360.045	26.522	72.124	233.975	0.942	476.1
3/30/2022 03:00:00 PM	201.484	25.927	72.391	105.394	0.864	476.1
3/30/2022 04:00:00 PM	163.841	27.336	71.162	241.038	0.204	476.1
3/30/2022 05:00:00 PM	142.989	27.536	71.16	110.039	0.383	476.1
3/30/2022 06:00:00 PM	8.395	27.498	73.447	34.133	0.191	476.1
3/30/2022 07:00:00 PM	3.25	27.11	75.567	129.729	0.195	476.1
3/30/2022 08:00:00 PM	1.896	26.492	78.788	167.197	0.196	476.1
3/30/2022 09:00:00 PM	0.948	25.583	81.159	110.281	0.196	476.1
3/30/2022 10:00:00 PM	2.031	24.691	82.441	46.094	0.908	476.1
3/30/2022 11:00:00 PM	1.354	23.231	86.14	207.846	0.199	476.1
3/31/2022 12:00:00 AM	1.083	22.793	87.572	65.343	0.259	476.1
3/31/2022 01:00:00 AM	1.625	22.419	89.413	183.205	0.196	476.1
3/31/2022 02:00:00 AM	3.656	22.242	89.132	176.419	1.575	476.1
3/31/2022 03:00:00 AM	1.76	22.615	87.848	133.643	0.194	476.1
3/31/2022 04:00:00 AM	1.219	22.336	88.844	97.926	0.197	476.1
3/31/2022 05:00:00 AM	3.521	22.79	89.856	121.349	0.479	476.1
3/31/2022 06:00:00 AM	13.676	23.167	90.177	25.729	0.192	476.1
3/31/2022 07:00:00 AM	101.69	24.172	86.626	165.867	0.625	476.1
3/31/2022 08:00:00 AM	233.034	25.321	79.716	332.01	1.473	476.1
3/31/2022 09:00:00 AM	210.015	26.253	76.043	100.03	0.197	476.1
3/31/2022 10:00:00 AM	243.054	25.579	77.603	201.257	0.2	476.1
3/31/2022 11:00:00 AM	533.5	26.455	73.397	184.155	0.482	476.1
3/31/2022 12:00:00 PM	641.283	25.407	70.039	100.902	1.735	476.1
3/31/2022 01:00:00 PM	267.562	23.908	76.301	143.744	1.191	476.1
3/31/2022 02:00:00 PM	133.917	23.233	80.82	298.935	0.202	476.1
3/31/2022 03:00:00 PM	96.003	22.83	82.668	128.581	1.619	476.1
3/31/2022 04:00:00 PM	93.701	22.901	82.788	104.54	2.612	476.1
3/31/2022 05:00:00 PM	24.373	22.585	84.718	239.544	0.536	476.1
3/31/2022 06:00:00 PM	7.718	22.102	76.956	97.447	0.377	476.1
3/31/2022 07:00:00 PM	5.416	21.009	79.452	205.003	0.352	476.1
3/31/2022 08:00:00 PM	4.062	20.686	79.87	301.597	0.227	476.1
3/31/2022 09:00:00 PM	3.927	20.355	79.147	295.696	0.204	476.1
3/31/2022 10:00:00 PM	3.791	19.682	81.834	162.27	1.091	476.1
3/31/2022 11:00:00 PM	0	18.954	84.067	135.465	1.8	476.1
4/1/2022 12:00:00 AM	1.896	18.494	84.977	234.936	0.2	476.1