

	Pyranometer [W/m <sup>2</sup> ]	Temperature [°C]	RH [%RH]	Wind Direction [angle]	Wind Speed [m/s]	Rain sensor [mm]
12/1/2022 01:00:00 AM	1.489	18.996	91.225	152.991	0.924	777.9
12/1/2022 02:00:00 AM	0.677	19.066	90.643	106.936	1.456	778.1
12/1/2022 03:00:00 AM	1.76	19.064	91.545	43.486	0.601	778.4
12/1/2022 04:00:00 AM	1.354	19.171	91.517	103.917	0.804	778.6
12/1/2022 05:00:00 AM	0.542	19.197	91.946	143.551	0.193	779.6
12/1/2022 06:00:00 AM	0.406	19.12	91.666	136.768	0.194	780.2
12/1/2022 07:00:00 AM	13.541	19.004	91.523	54.615	0.37	780.6
12/1/2022 08:00:00 AM	36.018	19.087	90.819	150.395	0.195	780.7
12/1/2022 09:00:00 AM	210.963	19.234	89.695	35.572	1.338	781
12/1/2022 10:00:00 AM	150.301	19.499	89.677	128.679	0.192	781
12/1/2022 11:00:00 AM	277.041	19.94	86.401	132.286	1.116	781.1
12/1/2022 12:00:00 PM	143.801	19.958	87.242	27.187	0.197	781.1
12/1/2022 01:00:00 PM	223.555	20.146	85.8	98.796	0.656	781.1
12/1/2022 02:00:00 PM	131.344	20.062	87.518	204.165	0.847	781.1
12/1/2022 03:00:00 PM	58.902	19.778	88.61	75.476	0.902	781.1
12/1/2022 04:00:00 PM	33.174	19.672	89.111	20.717	0.685	781.1
12/1/2022 05:00:00 PM	2.844	19.602	90.477	135.165	1.215	781.2
12/1/2022 06:00:00 PM	3.521	19.699	90.879	57.796	0.481	782.2
12/1/2022 07:00:00 PM	1.896	19.617	92.263	81.368	0.239	782.3
12/1/2022 08:00:00 PM	1.625	19.616	91.882	133.21	0.196	783.1
12/1/2022 09:00:00 PM	1.896	19.605	91.699	159.725	0.517	783.2
12/1/2022 10:00:00 PM	3.25	19.619	91.886	144.754	0.19	783.4
12/1/2022 11:00:00 PM	2.031	19.624	91.801	102.754	0.929	783.5
12/2/2022 12:00:00 AM	2.302	19.708	93.428	130.917	0.202	783.6
12/2/2022 01:00:00 AM	1.625	19.834	93.306	87.918	0.881	783.9
12/2/2022 02:00:00 AM	2.166	19.805	93.488	78.59	0.484	784.1
12/2/2022 03:00:00 AM	1.625	19.753	93.539	137.767	0.304	784.3
12/2/2022 04:00:00 AM	1.896	19.89	93.413	274.8	0.2	784.5
12/2/2022 05:00:00 AM	2.437	19.703	93.528	85.919	0.988	785.4
12/2/2022 06:00:00 AM	3.791	19.731	92.821	176.401	0.194	786.2
12/2/2022 07:00:00 AM	17.197	19.569	91.075	217.472	1.028	786.4
12/2/2022 08:00:00 AM	49.288	19.694	92.121	47.56	1.382	786.6
12/2/2022 09:00:00 AM	103.45	19.899	91.638	161.812	1.273	786.7
12/2/2022 10:00:00 AM	141.093	20.248	91.227	22.675	0.884	786.9
12/2/2022 11:00:00 AM	233.846	20.539	89.389	56.317	0.473	787
12/2/2022 12:00:00 PM	161.539	20.63	87.201	90.667	0.539	787
12/2/2022 01:00:00 PM	185.777	20.671	88.864	141.76	1.32	787.2
12/2/2022 02:00:00 PM	216.921	20.57	86.559	21.781	0.853	787.2
12/2/2022 03:00:00 PM	149.488	21.355	85.879	125.642	0.927	787.2
12/2/2022 04:00:00 PM	239.398	22.177	80.979	110.459	0.481	787.2
12/2/2022 05:00:00 PM	10.426	21.687	80.552	59.749	0.196	787.2
12/2/2022 06:00:00 PM	2.166	21.513	82.648	157.528	0.614	787.2
12/2/2022 07:00:00 PM	3.791	21.817	81.6	152.793	1.69	787.2
12/2/2022 08:00:00 PM	2.844	21.99	81.902	140.348	1.185	787.2
12/2/2022 09:00:00 PM	1.083	21.881	83.342	117.407	1.185	787.2
12/2/2022 10:00:00 PM	2.573	21.629	85.731	107.2	0.667	787.2
12/2/2022 11:00:00 PM	4.875	21.773	87.212	153.516	0.199	787.2
12/3/2022 12:00:00 AM	0.542	21.792	88.324	135.284	0.193	787.2

12/3/2022 01:00:00 AM	-0.542	21.541	91.921	167.731	0.193	787.2
12/3/2022 02:00:00 AM	3.114	21.424	92.545	246.552	1.396	787.2
12/3/2022 03:00:00 AM	3.114	21.978	90.858	234.795	1.83	787.2
12/3/2022 04:00:00 AM	0.406	21.917	88.931	86.87	0.197	787.2
12/3/2022 05:00:00 AM	3.521	21.392	93.89	226.894	0.441	787.2
12/3/2022 06:00:00 AM	4.062	21.418	94.511	228.264	0.201	787.3
12/3/2022 07:00:00 AM	17.738	21.671	93.95	348.639	0.202	787.4
12/3/2022 08:00:00 AM	135.541	21.836	94.935	270.962	1.083	787.6
12/3/2022 09:00:00 AM	122.949	22.483	94.42	216.629	0.199	787.6
12/3/2022 10:00:00 AM	137.437	23.854	90.678	144.747	0.194	787.6
12/3/2022 11:00:00 AM	289.092	25.032	80.836	133.765	0.197	787.6
12/3/2022 12:00:00 PM	761.794	25.609	74.947	159.27	0.778	787.6
12/3/2022 01:00:00 PM	692.331	27.075	68.285	79.109	0.201	787.7
12/3/2022 02:00:00 PM	637.085	27.486	66.992	70.504	0.197	787.7
12/3/2022 03:00:00 PM	196.474	27.763	65.688	78.6	0.924	787.7
12/3/2022 04:00:00 PM	170.747	26.29	72.09	95.379	0.49	787.7
12/3/2022 05:00:00 PM	9.343	25.314	78.31	319.743	0.544	787.7
12/3/2022 06:00:00 PM	0.542	24.324	87.668	102.048	0.54	787.7
12/3/2022 07:00:00 PM	1.083	24.326	89.819	227.889	0.198	787.7
12/3/2022 08:00:00 PM	0.406	24.397	88.755	155.707	0.634	787.7
12/3/2022 09:00:00 PM	2.573	24.368	90.559	105.237	0.196	787.7
12/3/2022 10:00:00 PM	1.489	24.258	91.843	73.947	0.194	787.7
12/3/2022 11:00:00 PM	1.76	24.005	93.93	109.579	0.561	787.7
12/4/2022 12:00:00 AM	1.489	24.057	93.111	73.487	0.19	787.8
12/4/2022 01:00:00 AM	0.812	23.906	93.113	143.262	1.169	787.8
12/4/2022 02:00:00 AM	0.542	23.839	92.988	158.981	0.199	787.8
12/4/2022 03:00:00 AM	-0.135	23.696	91.665	156.262	0.56	787.8
12/4/2022 04:00:00 AM	-1.896	23.907	90.378	140.013	0.539	787.8
12/4/2022 05:00:00 AM	1.76	23.945	91.045	115.177	0.194	787.8
12/4/2022 06:00:00 AM	1.354	24.038	90.762	143.834	0.199	787.8
12/4/2022 07:00:00 AM	21.123	23.909	89.315	123.067	0.883	787.8
12/4/2022 08:00:00 AM	113.876	23.831	84.142	150.645	0.638	787.8
12/4/2022 09:00:00 AM	277.041	24.004	79.435	8.232	0.19	787.8
12/4/2022 10:00:00 AM	203.109	24.069	77.324	137.653	0.194	787.8
12/4/2022 11:00:00 AM	307.643	24.103	76.983	127.736	0.854	787.8
12/4/2022 12:00:00 PM	292.477	24.458	78.691	128.325	0.195	787.8
12/4/2022 01:00:00 PM	282.592	24.277	76.686	53.571	0.657	787.8
12/4/2022 02:00:00 PM	239.804	23.9	79.917	52.594	0.926	787.8
12/4/2022 03:00:00 PM	137.843	23.656	79.915	129.44	2.227	787.8
12/4/2022 04:00:00 PM	51.861	23.195	81.461	79.978	1.707	787.8
12/4/2022 05:00:00 PM	5.822	22.722	84.881	127.228	0.895	787.8
12/4/2022 06:00:00 PM	2.844	22.489	86.615	112.996	0.869	787.8
12/4/2022 07:00:00 PM	3.25	22.767	86.081	261.725	0.199	787.8
12/4/2022 08:00:00 PM	2.979	22.671	86.25	107.828	0.562	787.8
12/4/2022 09:00:00 PM	2.166	22.617	86.781	135.545	0.201	787.8
12/4/2022 10:00:00 PM	3.25	22.706	87.264	90.872	0.195	787.8
12/4/2022 11:00:00 PM	3.656	22.648	86.844	112.44	0.597	787.8
12/5/2022 12:00:00 AM	4.333	22.479	87.185	74.481	0.193	787.8
12/5/2022 01:00:00 AM	3.521	22.463	87.024	51.235	0.465	787.8
12/5/2022 02:00:00 AM	3.25	22.176	87.646	154.217	1.101	787.8

12/5/2022 03:00:00 AM	4.198	22.007	87.569	253.4	0.243	787.8
12/5/2022 04:00:00 AM	2.573	21.864	88.975	107.186	1.574	787.8
12/5/2022 05:00:00 AM	4.062	22.073	87.113	260.821	0.201	787.8
12/5/2022 06:00:00 AM	2.302	22.171	86.219	240.888	0.199	787.8
12/5/2022 07:00:00 AM	10.02	22.007	88.392	164.112	0.197	787.8
12/5/2022 08:00:00 AM	87.608	21.652	90.903	235.616	1.361	787.9
12/5/2022 09:00:00 AM	103.315	22.37	77.644	328.853	0.481	787.9
12/5/2022 10:00:00 AM	57.277	21.923	74.652	106.137	0.196	787.9
12/5/2022 11:00:00 AM	98.034	20.799	85.075	21.74	0.188	788.1
12/5/2022 12:00:00 PM	65.266	20.124	85.231	262.21	0.736	788.1
12/5/2022 01:00:00 PM	127.417	19.694	87.469	231.128	0.958	788.2
12/5/2022 02:00:00 PM	103.315	20.513	75.649	116.976	0.382	788.2
12/5/2022 03:00:00 PM	59.849	20.097	77.878	282.745	0.21	788.2
12/5/2022 04:00:00 PM	40.486	19.873	76.773	151.13	1.927	788.2
12/5/2022 05:00:00 PM	7.177	19.654	78.821	96.621	0.192	788.2
12/5/2022 06:00:00 PM	2.979	19.578	79.444	245.335	0.2	788.2
12/5/2022 07:00:00 PM	2.437	19.52	80.894	301.618	0.202	788.2
12/5/2022 08:00:00 PM	0.135	18.935	83.102	108.391	0.194	788.2
12/5/2022 09:00:00 PM	3.521	19.157	80.647	113.182	0.192	788.2
12/5/2022 10:00:00 PM	1.625	18.582	84.321	103.923	0.191	788.2
12/5/2022 11:00:00 PM	-3.25	18.589	85.128	268.928	0.196	788.3
12/6/2022 12:00:00 AM	0.948	18.281	86.893	340.329	1.16	788.3
12/6/2022 01:00:00 AM	1.625	18.038	87.08	119.065	0.55	788.7
12/6/2022 02:00:00 AM	3.656	18.037	89.537	243.823	0.88	789.4
12/6/2022 03:00:00 AM	2.844	17.893	90.251	214.083	0.567	789.9
12/6/2022 04:00:00 AM	2.708	17.826	91.317	88.765	0.192	790.7
12/6/2022 05:00:00 AM	3.114	18.013	90.853	280.694	0.201	791
12/6/2022 06:00:00 AM	1.489	18.225	89.229	100.672	1.336	791.1
12/6/2022 07:00:00 AM	21.53	18.565	85.224	154.402	1.036	791.1
12/6/2022 08:00:00 AM	55.246	18.71	82.95	91.42	0.691	791.1
12/6/2022 09:00:00 AM	158.154	19.393	81.41	109.343	0.725	791.1
12/6/2022 10:00:00 AM	156.259	19.849	77.272	105.592	0.192	791.1
12/6/2022 11:00:00 AM	242.106	19.673	77.433	242.937	0.71	791.1
12/6/2022 12:00:00 PM	270	20.567	70.48	178.193	0.354	791.1
12/6/2022 01:00:00 PM	281.645	20.458	70.359	249.698	0.428	791.1
12/6/2022 02:00:00 PM	224.232	20.559	70.342	198.585	0.205	791.1
12/6/2022 03:00:00 PM	136.218	20.266	71.62	47.766	0.194	791.1
12/6/2022 04:00:00 PM	30.331	19.851	72.748	25.659	1.159	791.1
12/6/2022 05:00:00 PM	8.531	19.579	76.109	97.797	1.276	791.1
12/6/2022 06:00:00 PM	4.739	19.619	76.441	94.29	2.109	791.1
12/6/2022 07:00:00 PM	4.198	19.654	74.974	94.074	0.378	791.1
12/6/2022 08:00:00 PM	3.385	19.788	75.057	110.438	0.795	791.1
12/6/2022 09:00:00 PM	4.198	19.812	77.266	128.922	1.58	791.1
12/6/2022 10:00:00 PM	2.708	19.767	79.214	158.137	0.982	791.1
12/6/2022 11:00:00 PM	5.01	19.963	77.855	146.938	1.476	791.1
12/7/2022 12:00:00 AM	3.656	20.158	76.861	122.236	0.855	791.1
12/7/2022 01:00:00 AM	3.385	19.977	78.05	110.726	0.824	791.1
12/7/2022 02:00:00 AM	0.812	20.083	78.791	97.585	0.193	791.1
12/7/2022 03:00:00 AM	0.135	20.066	82.803	189.195	0.195	791.2
12/7/2022 04:00:00 AM	2.979	19.912	85.605	343.939	0.202	791.2

12/7/2022 05:00:00 AM	3.656	19.759	88.019	145.806	0.754	791.2
12/7/2022 06:00:00 AM	4.739	19.948	88.982	198.361	0.196	791.2
12/7/2022 07:00:00 AM	15.436	20.101	89.362	111.809	0.194	791.3
12/7/2022 08:00:00 AM	23.154	20.789	86.69	137.51	0.195	791.3
12/7/2022 09:00:00 AM	37.372	21.151	87.214	131.306	0.195	791.3
12/7/2022 10:00:00 AM	154.634	22.212	85.726	112.162	0.192	791.3
12/7/2022 11:00:00 AM	91.264	22.123	83.219	213.742	0.199	791.3
12/7/2022 12:00:00 PM	98.982	22.399	81.549	87.032	0.193	791.3
12/7/2022 01:00:00 PM	91.67	22.42	79.802	153.993	0.816	791.3
12/7/2022 02:00:00 PM	59.849	22.347	80.024	94.489	0.943	791.3
12/7/2022 03:00:00 PM	45.903	21.373	81.73	105.596	0.494	791.8
12/7/2022 04:00:00 PM	27.758	21.059	80.744	137.319	1.559	791.8
12/7/2022 05:00:00 PM	4.198	20.457	83.234	118.955	0.42	791.8
12/7/2022 06:00:00 PM	0.542	19.826	88.58	101.075	0.346	791.9
12/7/2022 07:00:00 PM	0.542	19.811	90.368	46.886	0.553	792.4
12/7/2022 08:00:00 PM	2.302	20.077	88.617	37.494	0.517	792.4
12/7/2022 09:00:00 PM	3.656	19.856	90.025	222.697	0.197	793
12/7/2022 10:00:00 PM	4.198	19.595	92.438	62.415	0.19	796
12/7/2022 11:00:00 PM	4.468	19.479	93.563	87.289	0.916	798.4
12/8/2022 12:00:00 AM	3.25	19.552	94.609	326.588	0.598	801.1
12/8/2022 01:00:00 AM	4.468	19.726	94.573	169.768	0.192	801.7
12/8/2022 02:00:00 AM	4.875	19.718	94.573	209.783	0.195	802
12/8/2022 03:00:00 AM	3.791	19.751	95.05	273.37	0.198	802.6
12/8/2022 04:00:00 AM	4.062	19.753	95.573	156.577	0.194	803.2
12/8/2022 05:00:00 AM	3.791	19.784	95.449	138.067	0.197	803.4
12/8/2022 06:00:00 AM	3.791	19.858	94.289	74.726	0.194	803.6
12/8/2022 07:00:00 AM	17.061	19.91	91.957	142.028	0.191	803.6
12/8/2022 08:00:00 AM	43.872	20.004	92.483	354.766	0.212	803.7
12/8/2022 09:00:00 AM	136.625	20.792	89.727	108.668	0.195	803.7
12/8/2022 10:00:00 AM	103.45	20.807	88.24	38.513	0.188	803.8
12/8/2022 11:00:00 AM	220.035	21.053	84.123	119.766	0.193	803.8
12/8/2022 12:00:00 PM	132.292	20.781	78.745	100.519	0.709	803.8
12/8/2022 01:00:00 PM	174.268	20.696	80.755	47.156	0.521	803.8
12/8/2022 02:00:00 PM	155.446	20.219	82.714	174.036	0.746	803.8
12/8/2022 03:00:00 PM	96.409	20.616	81.09	106.543	0.207	803.8
12/8/2022 04:00:00 PM	36.424	20.519	81.832	322.49	0.2	803.8
12/8/2022 05:00:00 PM	6.635	20.483	82.037	113.533	0.193	803.8
12/8/2022 06:00:00 PM	4.604	20.211	84.262	228.266	1.383	803.8
12/8/2022 07:00:00 PM	0.677	19.916	86.807	160.933	0.197	803.8
12/8/2022 08:00:00 PM	4.198	19.403	92.017	229.033	0.5	805.1
12/8/2022 09:00:00 PM	3.385	19.642	94.044	110.278	0.712	806.2
12/8/2022 10:00:00 PM	3.791	19.581	94.51	249.247	0.828	806.6
12/8/2022 11:00:00 PM	4.062	20.306	94.727	124.372	0.794	807.6
12/9/2022 12:00:00 AM	4.739	20.615	92.76	159.129	0.195	807.8
12/9/2022 01:00:00 AM	3.521	20.706	91.027	86.795	0.191	807.8
12/9/2022 02:00:00 AM	4.468	20.576	89.626	73.049	0.195	807.8
12/9/2022 03:00:00 AM	4.604	20.365	88.722	39.03	0.187	807.8
12/9/2022 04:00:00 AM	3.521	20.285	90.531	135.306	0.525	807.9
12/9/2022 05:00:00 AM	3.656	20.303	90.408	129.684	0.192	807.9
12/9/2022 06:00:00 AM	6.093	19.995	92.497	178.026	0.194	808.4

12/9/2022 07:00:00 AM	11.916	19.865	94.673	252.4	0.994	809.2
12/9/2022 08:00:00 AM	34.799	20.08	95.575	248.752	0.594	809.7
12/9/2022 09:00:00 AM	60.797	20.148	96.077	225.36	0.196	810.2
12/9/2022 10:00:00 AM	109.814	20.576	96.48	192.201	0.194	811
12/9/2022 11:00:00 AM	88.42	20.906	96.257	356.372	0.205	812
12/9/2022 12:00:00 PM	77.994	21.413	94.464	281.732	0.614	812
12/9/2022 01:00:00 PM	36.424	20.804	94.388	77.306	0.193	814
12/9/2022 02:00:00 PM	69.734	21.014	95.02	79.317	0.451	814.1
12/9/2022 03:00:00 PM	41.434	20.942	92.38	116.891	0.647	814.7
12/9/2022 04:00:00 PM	22.207	20.877	88.248	19.874	0.186	814.8
12/9/2022 05:00:00 PM	5.281	20.285	89.499	356.494	0.226	814.8
12/9/2022 06:00:00 PM	6.093	20.078	89.485	117.76	0.405	814.9
12/9/2022 07:00:00 PM	7.989	20.122	89.743	274.493	0.457	815
12/9/2022 08:00:00 PM	5.145	20.069	89.383	146.818	0.19	815.1
12/9/2022 09:00:00 PM	2.844	20.334	88.84	344.912	0.198	815.1
12/9/2022 10:00:00 PM	3.791	20.121	89.644	10.234	0.189	815.3
12/9/2022 11:00:00 PM	3.927	19.971	86.971	202.722	0.198	815.3
12/10/2022 12:00:00 AM	6.77	20.368	85.443	106.744	0.473	815.3
12/10/2022 01:00:00 AM	5.01	20.226	88.316	173.059	0.569	815.3
12/10/2022 02:00:00 AM	5.01	20.143	88.497	79.649	0.192	815.4
12/10/2022 03:00:00 AM	7.177	20.303	86.548	146.054	0.58	815.4
12/10/2022 04:00:00 AM	7.177	20.547	85.983	126.188	0.197	815.4
12/10/2022 05:00:00 AM	3.927	20.763	83.534	33.157	0.188	815.4
12/10/2022 06:00:00 AM	3.791	20.326	88.721	126.017	0.196	815.5
12/10/2022 07:00:00 AM	13.811	19.836	92.921	228.126	0.8	816.7
12/10/2022 08:00:00 AM	43.601	20.692	92.712	34.531	0.664	816.8
12/10/2022 09:00:00 AM	57.683	21.325	87.537	84.075	0.556	816.9
12/10/2022 10:00:00 AM	66.62	21.454	86.167	203.045	0.196	816.9
12/10/2022 11:00:00 AM	51.319	21.528	86.731	137.498	0.805	817
12/10/2022 12:00:00 PM	61.745	21.328	88.095	9.689	0.187	817.5
12/10/2022 01:00:00 PM	47.934	21.308	88.562	99.831	1.402	818.2
12/10/2022 02:00:00 PM	52.538	21.331	88.518	103.942	0.191	818.9
12/10/2022 03:00:00 PM	65.401	21.521	87.634	210.87	0.553	818.9
12/10/2022 04:00:00 PM	22.477	21.293	88.136	252.008	0.206	818.9
12/10/2022 05:00:00 PM	3.656	21.461	86.168	116.851	0.191	819
12/10/2022 06:00:00 PM	2.979	21.418	86.792	139.449	0.195	819.2
12/10/2022 07:00:00 PM	3.791	21.237	86.829	274.735	0.619	819.2
12/10/2022 08:00:00 PM	1.625	21.097	86.085	104.67	0.192	819.3
12/10/2022 09:00:00 PM	1.625	20.974	84.986	129.192	1.256	819.3
12/10/2022 10:00:00 PM	5.281	20.251	90.452	144.497	0.564	821.1
12/10/2022 11:00:00 PM	3.385	20	90.609	237.851	0.625	822.4
12/11/2022 12:00:00 AM	1.76	19.617	90.991	109.229	0.567	822.9
12/11/2022 01:00:00 AM	3.25	19.562	90.467	133.446	0.194	823.5
12/11/2022 02:00:00 AM	4.333	19.446	92.115	97.548	0.478	824.3
12/11/2022 03:00:00 AM	5.822	19.301	93.703	85.229	0.191	826.6
12/11/2022 04:00:00 AM	5.687	19.174	94.105	67.503	0.189	827.9
12/11/2022 05:00:00 AM	2.979	19.137	93.123	118.49	0.192	828.3
12/11/2022 06:00:00 AM	5.687	19.042	91.31	291.339	0.201	828.4
12/11/2022 07:00:00 AM	7.718	18.704	88.738	91.435	0.719	828.5
12/11/2022 08:00:00 AM	45.632	18.641	88.685	83.84	1.241	828.7

12/11/2022 09:00:00 AM	92.753	18.578	87.895	41.48	1.079	828.8
12/11/2022 10:00:00 AM	98.711	18.537	87.171	45.9	1.365	828.9
12/11/2022 11:00:00 AM	119.699	18.377	87.335	173.189	0.196	829.1
12/11/2022 12:00:00 PM	126.198	18.498	88.697	144.436	0.191	829.4
12/11/2022 01:00:00 PM	129.177	18.701	87.888	119.186	1.41	829.5
12/11/2022 02:00:00 PM	75.286	19.004	88.356	177.178	2.202	829.6
12/11/2022 03:00:00 PM	34.258	18.774	88.816	20.431	0.19	830
12/11/2022 04:00:00 PM	26.54	18.432	88.918	107.805	1.081	830.6
12/11/2022 05:00:00 PM	4.468	18.193	89.547	76.983	0.191	830.9
12/11/2022 06:00:00 PM	3.927	17.958	90.198	138.496	1.181	831.7
12/11/2022 07:00:00 PM	4.875	17.883	90.083	138.237	0.19	832.4
12/11/2022 08:00:00 PM	4.468	17.832	90.363	22.094	0.192	832.8
12/11/2022 09:00:00 PM	3.791	17.628	89.077	92.895	0.968	833.3
12/11/2022 10:00:00 PM	8.124	17.665	86.603	227.579	0.665	833.3
12/11/2022 11:00:00 PM	3.791	17.654	88.755	99.779	0.655	833.4
12/12/2022 12:00:00 AM	6.093	17.625	86.416	326.001	0.447	833.4
12/12/2022 01:00:00 AM	4.875	17.437	86.1	53.252	0.732	833.4
12/12/2022 02:00:00 AM	4.062	17.259	87.519	94.937	0.193	833.4
12/12/2022 03:00:00 AM	4.062	17.175	90.962	168.921	0.196	833.7
12/12/2022 04:00:00 AM	4.198	17.485	91.286	198.329	0.2	834.3
12/12/2022 05:00:00 AM	6.906	17.739	88.513	341.65	0.446	834.4
12/12/2022 06:00:00 AM	4.198	17.713	88.07	80.541	0.571	834.6
12/12/2022 07:00:00 AM	12.864	17.756	87.83	88.245	1.18	834.8
12/12/2022 08:00:00 AM	52.131	18.008	87.286	137.463	0.591	835.1
12/12/2022 09:00:00 AM	59.308	18.222	88.009	120.205	0.867	835.3
12/12/2022 10:00:00 AM	77.317	18.37	89.256	104.533	0.19	835.5
12/12/2022 11:00:00 AM	106.971	18.506	88.372	49.754	0.569	835.7
12/12/2022 12:00:00 PM	42.653	18.754	85.645	146.853	0.193	835.7
12/12/2022 01:00:00 PM	49.017	18.645	86.324	348.569	0.798	835.7
12/12/2022 02:00:00 PM	33.039	18.585	85.217	100.247	0.783	835.7
12/12/2022 03:00:00 PM	36.153	18.169	87.162	33.859	0.188	835.7
12/12/2022 04:00:00 PM	28.3	18.187	86.389	22.834	0.186	835.8
12/12/2022 05:00:00 PM	3.521	17.906	85.397	123.877	0.372	835.8
12/12/2022 06:00:00 PM	5.687	17.785	86.622	140.609	0.619	835.8
12/12/2022 07:00:00 PM	2.437	17.893	85.577	97.322	1.185	835.8
12/12/2022 08:00:00 PM	4.333	17.735	86.681	9.214	0.33	835.8
12/12/2022 09:00:00 PM	2.166	17.624	85.212	185.808	1.093	835.8
12/12/2022 10:00:00 PM	2.031	17.383	88.11	119.428	0.967	836.2
12/12/2022 11:00:00 PM	4.468	17.173	89.995	127.666	1.144	836.7
12/13/2022 12:00:00 AM	4.604	17.634	86.519	91.024	0.968	836.7
12/13/2022 01:00:00 AM	2.031	17.788	86.038	101.195	0.192	836.7
12/13/2022 02:00:00 AM	4.062	17.547	88.148	47.305	0.53	837.1
12/13/2022 03:00:00 AM	2.166	17.336	88.697	44.844	1.051	837.1
12/13/2022 04:00:00 AM	2.844	17.019	89.259	221.214	0.194	837.2
12/13/2022 05:00:00 AM	6.093	16.911	85.172	83.804	0.19	837.2
12/13/2022 06:00:00 AM	4.604	17.223	80.966	302.417	0.239	837.2
12/13/2022 07:00:00 AM	7.718	17.244	81.596	354.939	0.201	837.2
12/13/2022 08:00:00 AM	32.362	17.024	86.195	116.895	0.311	837.3
12/13/2022 09:00:00 AM	22.071	17.733	83.747	136.108	1.197	837.3
12/13/2022 10:00:00 AM	43.33	17.248	89.592	140.489	0.865	838.2

12/13/2022 11:00:00 AM	96.68	17.454	86.065	67.806	1.426	838.6
12/13/2022 12:00:00 PM	74.744	17.625	84.386	99.904	0.192	838.8
12/13/2022 01:00:00 PM	59.037	17.411	88.568	342.337	0.598	840
12/13/2022 02:00:00 PM	39.539	17.794	86.323	130.736	0.365	840.1
12/13/2022 03:00:00 PM	44.007	17.904	84.251	105.871	1.821	840.1
12/13/2022 04:00:00 PM	10.02	17.754	85.853	159.886	0.19	840.1
12/13/2022 05:00:00 PM	2.979	17.523	89.128	324.42	0.203	840.6
12/13/2022 06:00:00 PM	2.166	17.59	87.279	263.841	0.197	840.6
12/13/2022 07:00:00 PM	2.302	17.317	88.345	132.885	1.379	840.8
12/13/2022 08:00:00 PM	3.927	17.173	89.972	82.389	0.529	844.1
12/13/2022 09:00:00 PM	3.521	17.029	88.704	48.81	0.666	844.2
12/13/2022 10:00:00 PM	4.333	17.057	89.006	304.05	0.196	844.3
12/13/2022 11:00:00 PM	3.385	16.87	89.097	123.913	0.542	844.5
12/14/2022 12:00:00 AM	3.114	16.681	88.789	145.393	0.531	844.9
12/14/2022 01:00:00 AM	3.791	15.967	88.561	65.14	1.003	845.2
12/14/2022 02:00:00 AM	2.031	15.872	88.805	28.284	0.187	845.3
12/14/2022 03:00:00 AM	3.927	15.826	89.527	55.94	0.623	845.6
12/14/2022 04:00:00 AM	4.333	15.694	89.919	175.832	1.476	846.1
12/14/2022 05:00:00 AM	1.489	15.714	89.103	161.801	0.629	846.3
12/14/2022 06:00:00 AM	2.844	15.746	88.562	41.941	1.331	846.4
12/14/2022 07:00:00 AM	4.875	15.639	89.302	96.14	1.99	846.6
12/14/2022 08:00:00 AM	20.311	15.979	86.648	32.76	0.896	846.7
12/14/2022 09:00:00 AM	37.237	15.976	86.15	117.719	0.608	846.8
12/14/2022 10:00:00 AM	55.246	16.358	88.212	173.513	0.187	847
12/14/2022 11:00:00 AM	61.068	16.471	88.912	109.682	0.189	847.3
12/14/2022 12:00:00 PM	90.857	16.46	88.76	108.754	0.187	847.5
12/14/2022 01:00:00 PM	142.176	16.834	87.215	282.176	0.198	847.6
12/14/2022 02:00:00 PM	33.852	16.893	86.869	191.886	0.192	847.6
12/14/2022 03:00:00 PM	41.84	16.644	87.314	312.527	0.198	847.6
12/14/2022 04:00:00 PM	34.529	16.907	87.837	168.909	0.803	847.6
12/14/2022 05:00:00 PM	3.927	17.185	86.497	121.08	0.846	847.6
12/14/2022 06:00:00 PM	1.76	16.823	88.478	186.105	0.215	847.8
12/14/2022 07:00:00 PM	1.896	16.679	87.183	178.226	1.282	848
12/14/2022 08:00:00 PM	2.166	16.865	88.087	133.889	1.492	848
12/14/2022 09:00:00 PM	3.385	16.88	89.096	96.101	0.188	848.1
12/14/2022 10:00:00 PM	3.521	16.813	89.947	181.616	0.892	848.1
12/14/2022 11:00:00 PM	2.844	16.939	90.438	253.465	0.196	848.1
12/15/2022 12:00:00 AM	3.114	17.034	91.07	255.748	0.193	848.7
12/15/2022 01:00:00 AM	4.333	16.923	90.992	142.76	0.201	849.5
12/15/2022 02:00:00 AM	2.844	16.759	91.592	76.54	0.189	850.6
12/15/2022 03:00:00 AM	5.01	16.58	92.119	341.84	0.616	852.4
12/15/2022 04:00:00 AM	5.145	16.269	91.032	125.95	0.188	853.3
12/15/2022 05:00:00 AM	4.739	16.292	90.329	198.8	0.571	853.4
12/15/2022 06:00:00 AM	4.333	16.22	92.037	86.111	0.669	854.4
12/15/2022 07:00:00 AM	12.051	16.744	90.626	86.032	0.19	855.7
12/15/2022 08:00:00 AM	39.809	16.802	89.641	352.921	0.625	857
12/15/2022 09:00:00 AM	67.703	17.298	90.153	59.115	0.189	857
12/15/2022 10:00:00 AM	112.929	17.814	90.491	18.988	0.387	857.1
12/15/2022 11:00:00 AM	108.325	17.869	91.588	96.289	0.52	858.4
12/15/2022 12:00:00 PM	205.682	18.559	92.904	109.188	0.188	859.7

12/15/2022 01:00:00 PM	141.77	19.019	91.96	110.016	0.513	860.5
12/15/2022 02:00:00 PM	98.034	19.304	91.98	119.78	0.188	861.1
12/15/2022 03:00:00 PM	69.057	19.511	90.672	154.939	0.193	861.2
12/15/2022 04:00:00 PM	38.049	19.603	88.909	107.297	0.19	861.4
12/15/2022 05:00:00 PM	8.937	19.303	91.953	76.875	0.187	861.9
12/15/2022 06:00:00 PM	6.77	19.567	91.372	292.503	0.198	861.9
12/15/2022 07:00:00 PM	6.364	19.936	90.653	97.271	0.192	861.9
12/15/2022 08:00:00 PM	5.958	20.068	90.473	125.56	0.536	861.9
12/15/2022 09:00:00 PM	5.687	20.559	91.314	142.109	0.733	861.9
12/15/2022 10:00:00 PM	4.062	20.74	91.898	104.311	0.29	861.9
12/15/2022 11:00:00 PM	2.979	20.896	92.756	7.561	0.775	861.9
12/16/2022 12:00:00 AM	5.687	20.87	93.708	188.003	0.196	862
12/16/2022 01:00:00 AM	5.687	20.871	94.493	104.6	0.7	862.2
12/16/2022 02:00:00 AM	7.312	20.733	95.075	130.553	0.192	862.3
12/16/2022 03:00:00 AM	5.552	20.774	96.157	121.474	0.626	862.3
12/16/2022 04:00:00 AM	4.875	20.72	96.448	86.53	0.762	862.4
12/16/2022 05:00:00 AM	4.875	20.964	96.005	200.415	0.197	862.5
12/16/2022 06:00:00 AM	5.145	20.893	95.529	129.59	0.193	862.5
12/16/2022 07:00:00 AM	10.968	20.945	94.874	39.726	0.191	862.5
12/16/2022 08:00:00 AM	48.34	21.039	95.058	62.243	0.189	862.5
12/16/2022 09:00:00 AM	63.776	21.154	94.957	93.189	0.189	863.3
12/16/2022 10:00:00 AM	237.773	22.232	90.701	283.464	0.201	863.3
12/16/2022 11:00:00 AM	202.297	22.135	81.881	126.31	1.042	863.3
12/16/2022 12:00:00 PM	229.513	22.738	77.605	99.059	0.193	863.3
12/16/2022 01:00:00 PM	64.453	21.992	80.574	258.402	0.197	863.3
12/16/2022 02:00:00 PM	111.304	21.88	80.479	85.593	0.191	863.3
12/16/2022 03:00:00 PM	78.942	21.066	80.936	159.648	1.631	863.3
12/16/2022 04:00:00 PM	25.727	20.46	84.69	50.258	0.387	863.3
12/16/2022 05:00:00 PM	6.093	19.914	89.677	124.219	0.192	863.7
12/16/2022 06:00:00 PM	4.468	19.937	90.48	64.611	0.187	864
12/16/2022 07:00:00 PM	5.01	19.808	92.708	152.017	0.192	864.6
12/16/2022 08:00:00 PM	4.468	19.829	93.736	141.236	0.192	865.4
12/16/2022 09:00:00 PM	5.01	19.911	94.578	282.21	0.355	866.1
12/16/2022 10:00:00 PM	5.687	19.794	95.469	204.833	0.195	867.8
12/16/2022 11:00:00 PM	5.01	19.799	96.167	258.564	0.39	868.4
12/17/2022 12:00:00 AM	6.906	19.856	96.104	106.315	0.193	868.5
12/17/2022 01:00:00 AM	5.01	19.682	93.236	172.847	0.875	868.9
12/17/2022 02:00:00 AM	6.906	19.104	86.378	350.35	1.061	869.2
12/17/2022 03:00:00 AM	6.635	18.443	84.251	84.197	0.189	869.2
12/17/2022 04:00:00 AM	4.604	17.939	84.024	63.474	0.652	869.2
12/17/2022 05:00:00 AM	3.521	17.927	84.211	114.751	0.228	869.2
12/17/2022 06:00:00 AM	2.302	17.413	84.849	258.664	0.197	869.4
12/17/2022 07:00:00 AM	13.134	17.415	83.503	294.576	0.199	869.6
12/17/2022 08:00:00 AM	39.132	17.082	83.062	168.581	0.192	869.9
12/17/2022 09:00:00 AM	35.747	16.919	83.059	221.519	0.193	870.2
12/17/2022 10:00:00 AM	50.1	15.841	88.949	215.006	0.197	871.3
12/17/2022 11:00:00 AM	86.66	15.608	84.848	55.793	0.387	872.3
12/17/2022 12:00:00 PM	184.558	15.318	82.235	139.653	0.445	873
12/17/2022 01:00:00 PM	133.51	14.927	83.82	96.853	1.666	873.6
12/17/2022 02:00:00 PM	49.965	14.54	83.379	39.745	0.609	873.8



12/17/2022 03:00:00 PM	49.965	14.07	83.943	60.953	0.474	874.5
12/17/2022 04:00:00 PM	8.124	13.973	82.321	43.181	0.186	874.8
12/17/2022 05:00:00 PM	5.822	13.754	80.366	97.957	0.194	874.8
12/17/2022 06:00:00 PM	3.25	13.725	76.605	186.547	0.19	874.8
12/17/2022 07:00:00 PM	2.166	13.487	78.532	212.27	0.194	875
12/17/2022 08:00:00 PM	5.958	13.628	70.974	140.611	0.616	875.1
12/17/2022 09:00:00 PM	0.271	13.609	66.985	130.776	0.696	875.1
12/17/2022 10:00:00 PM	5.687	13.728	70.695	257.163	0.196	875.1
12/17/2022 11:00:00 PM	4.739	13.771	65.383	283.224	0.447	875.1
12/18/2022 12:00:00 AM	5.416	13.758	65.346	328.112	0.199	875.2
12/18/2022 01:00:00 AM	4.875	13.618	58.694	189.661	0.191	875.2
12/18/2022 02:00:00 AM	3.791	13.353	54.226	355.529	1.372	875.2
12/18/2022 03:00:00 AM	3.385	13.088	54.591	283.192	0.196	875.2
12/18/2022 04:00:00 AM	5.416	12.726	52.315	38.004	0.183	875.2
12/18/2022 05:00:00 AM	5.822	12.195	52.236	344.907	0.197	875.2
12/18/2022 06:00:00 AM	4.739	11.489	50.486	217.065	0.192	875.2
12/18/2022 07:00:00 AM	28.977	11.127	49.639	255.711	0.783	875.2
12/18/2022 08:00:00 AM	147.999	11.004	45.923	185.135	2.247	875.2
12/18/2022 09:00:00 AM	127.959	11.163	51.892	140.281	0.189	875.2
12/18/2022 10:00:00 AM	372.367	12.659	47.88	96.685	0.825	875.2
12/18/2022 11:00:00 AM	200.266	11.757	52.538	5.454	1.23	875.2
12/18/2022 12:00:00 PM	146.374	11.955	53.924	87.766	0.871	875.2
12/18/2022 01:00:00 PM	123.897	11.632	55.731	110.326	1.07	875.2
12/18/2022 02:00:00 PM	90.587	11.698	57.076	106.921	1.582	875.2
12/18/2022 03:00:00 PM	62.151	11.867	58.564	79.082	0.846	875.2
12/18/2022 04:00:00 PM	17.467	11.838	61.956	99.588	0.771	875.2
12/18/2022 05:00:00 PM	10.426	12.006	59.224	152.976	0.188	875.2
12/18/2022 06:00:00 PM	4.739	12.04	59.025	172.439	1.078	875.2
12/18/2022 07:00:00 PM	0.135	12.028	58.378	137.283	1.512	875.2
12/18/2022 08:00:00 PM	2.573	12.252	57.135	134.311	0.813	875.2
12/18/2022 09:00:00 PM	4.062	12.477	58.8	122.802	1.053	875.2
12/18/2022 10:00:00 PM	4.875	12.627	62.442	99.077	1.178	875.2
12/18/2022 11:00:00 PM	5.416	12.555	65.152	143.893	0.188	875.2
12/19/2022 12:00:00 AM	3.521	12.695	65.313	103.392	0.728	875.2
12/19/2022 01:00:00 AM	0.271	12.618	67.442	115.773	0.44	875.2
12/19/2022 02:00:00 AM	0.948	12.222	71.562	93.125	0.185	875.2
12/19/2022 03:00:00 AM	0.948	11.619	75.783	115.221	0.59	875.2
12/19/2022 04:00:00 AM	1.219	11.59	78.054	147.295	0.403	875.2
12/19/2022 05:00:00 AM	3.656	12.197	75.861	242.825	0.19	875.2
12/19/2022 06:00:00 AM	3.25	12.381	75.28	119.457	0.51	875.2
12/19/2022 07:00:00 AM	24.915	12.925	74.498	198.026	0.554	875.2
12/19/2022 08:00:00 AM	283.54	14.758	70.467	141.861	0.819	875.2
12/19/2022 09:00:00 AM	179.142	16.355	62	88.652	0.869	875.2
12/19/2022 10:00:00 AM	224.368	17.566	56.898	65.459	0.933	875.2
12/19/2022 11:00:00 AM	699.237	19.446	50.342	167.324	1.511	875.2
12/19/2022 12:00:00 PM	738.64	20.733	47.618	19.949	1.373	875.2
12/19/2022 01:00:00 PM	365.867	20.689	46.885	207.295	0.191	875.2
12/19/2022 02:00:00 PM	207.171	20.579	49.861	41.653	0.482	875.2
12/19/2022 03:00:00 PM	420.3	20.232	51.226	350.335	0.226	875.2
12/19/2022 04:00:00 PM	179.278	19.721	54.199	183.912	1.761	875.2

12/19/2022 05:00:00 PM	11.916	18.404	60.483	34.998	0.964	875.2
12/19/2022 06:00:00 PM	-0.135	17.87	64.63	110.203	0.692	875.2
12/19/2022 07:00:00 PM	-1.489	17.394	67.635	135.3	0.186	875.2
12/19/2022 08:00:00 PM	-0.135	17.257	69.164	78.474	0.187	875.2
12/19/2022 09:00:00 PM	-0.948	17.306	69.08	126.765	0.802	875.2
12/19/2022 10:00:00 PM	-0.271	17.182	70.143	198.647	0.752	875.2
12/19/2022 11:00:00 PM	1.896	17.524	68.538	93.892	1.037	875.2
12/20/2022 12:00:00 AM	3.385	18.127	65.429	168.508	0.951	875.2
12/20/2022 01:00:00 AM	0.542	18.528	63.396	93.389	0.189	875.2
12/20/2022 02:00:00 AM	0.135	18.261	65.904	169.219	0.709	875.2
12/20/2022 03:00:00 AM	0.812	18.146	69.021	44.866	0.188	875.2
12/20/2022 04:00:00 AM	0	18.167	70.528	135.815	0.575	875.2
12/20/2022 05:00:00 AM	2.979	17.999	72.135	121.83	0.264	875.2
12/20/2022 06:00:00 AM	1.625	18.097	71.716	46.333	0.189	875.2
12/20/2022 07:00:00 AM	35.747	18.563	70.205	156.501	1.019	875.2
12/20/2022 08:00:00 AM	252.397	20.777	62.92	65.191	0.319	875.2
12/20/2022 09:00:00 AM	434.518	22.664	57.471	149.694	0.206	875.2
12/20/2022 10:00:00 AM	608.244	23.557	54.659	213.898	0.752	875.2
12/20/2022 11:00:00 AM	499.242	23.877	53.595	92.64	0.191	875.2
12/20/2022 12:00:00 PM	711.694	24.748	50.386	86.718	1.067	875.2
12/20/2022 01:00:00 PM	657.667	24.824	45.789	44.993	0.862	875.2
12/20/2022 02:00:00 PM	542.437	25.596	45.59	91.758	1.41	875.2
12/20/2022 03:00:00 PM	400.125	24.826	49.529	221.574	0.832	875.2
12/20/2022 04:00:00 PM	176.569	24.208	53.139	92.248	0.194	875.2
12/20/2022 05:00:00 PM	10.291	22.796	58.601	128.059	1.088	875.2
12/20/2022 06:00:00 PM	-1.625	22.002	62.718	144.933	0.868	875.2
12/20/2022 07:00:00 PM	-0.812	21.554	65.362	149.52	0.522	875.2
12/20/2022 08:00:00 PM	0.677	21.057	67.597	111.453	0.692	875.2
12/20/2022 09:00:00 PM	-2.302	20.459	70.503	87.424	0.408	875.2
12/20/2022 10:00:00 PM	0	19.633	73.978	245.887	0.197	875.2
12/20/2022 11:00:00 PM	-2.166	18.954	76.715	85.715	0.187	875.2
12/21/2022 12:00:00 AM	-2.844	18.31	80.108	274.307	0.559	875.2
12/21/2022 01:00:00 AM	-0.812	17.915	77.955	200.041	0.192	875.2
12/21/2022 02:00:00 AM	1.354	17.411	81.446	217.487	0.553	875.2
12/21/2022 03:00:00 AM	-0.135	17.33	80.971	252.31	0.194	875.2
12/21/2022 04:00:00 AM	1.219	17.102	76.725	283.282	0.868	875.2
12/21/2022 05:00:00 AM	1.083	16.598	81.935	246.653	0.195	875.2
12/21/2022 06:00:00 AM	3.521	17.316	82.311	207.872	0.192	875.2
12/21/2022 07:00:00 AM	12.322	17.919	80.045	248.98	1.418	875.2
12/21/2022 08:00:00 AM	102.909	19.265	78.78	304.279	0.416	875.2
12/21/2022 09:00:00 AM	128.907	19.325	81.554	332.154	0.697	875.2
12/21/2022 10:00:00 AM	32.091	19.832	78.925	70.072	0.199	875.2
12/21/2022 11:00:00 AM	122.678	19.714	76.653	33.355	0.188	875.2
12/21/2022 12:00:00 PM	57.141	19.403	73.595	301.607	0.484	875.2
12/21/2022 01:00:00 PM	32.091	18.573	73.229	160.341	0.967	875.2
12/21/2022 02:00:00 PM	18.28	17.157	85.995	297.063	0.2	875.4
12/21/2022 03:00:00 PM	16.52	16.082	87.822	198.966	0.19	878.2
12/21/2022 04:00:00 PM	11.51	15.59	89.051	144.005	0.464	879.1
12/21/2022 05:00:00 PM	7.041	15.68	88.123	202.652	0.766	879.2
12/21/2022 06:00:00 PM	3.927	15.99	84.134	225.495	0.954	879.2

12/21/2022 07:00:00 PM	5.01	15.858	82.696	345.739	0.201	879.2
12/21/2022 08:00:00 PM	3.927	15.944	82.28	275.709	0.975	879.2
12/21/2022 09:00:00 PM	0.677	15.421	82.974	252.145	0.941	879.2
12/21/2022 10:00:00 PM	0.135	15.006	82.941	268.077	0.66	879.2
12/21/2022 11:00:00 PM	-0.406	14.178	83.155	191.199	0.191	879.2
12/22/2022 12:00:00 AM	1.76	13.724	83.384	41.359	0.187	879.2
12/22/2022 01:00:00 AM	-1.489	13.27	84.343	354.812	0.196	879.2
12/22/2022 02:00:00 AM	-0.271	12.964	83.718	112.609	0.189	879.2
12/22/2022 03:00:00 AM	0.271	12.787	84.11	44.101	0.184	879.2
12/22/2022 04:00:00 AM	0.948	12.431	83.694	180.138	0.189	879.2
12/22/2022 05:00:00 AM	-1.489	12.183	83.637	128.451	0.189	879.2
12/22/2022 06:00:00 AM	-0.542	12.051	83.724	99.122	0.187	879.2
12/22/2022 07:00:00 AM	24.238	11.862	84.16	121.146	0.571	879.2
12/22/2022 08:00:00 AM	239.533	14.96	70.156	128.478	0.192	879.2
12/22/2022 09:00:00 AM	439.257	18.78	52.183	95.038	0.192	879.2
12/22/2022 10:00:00 AM	597.005	20.2	41.235	261.033	2.609	879.2
12/22/2022 11:00:00 AM	686.238	21.467	32.305	54.015	0.192	879.2
12/22/2022 12:00:00 PM	704.247	21.572	31.223	165.778	1.363	879.3
12/22/2022 01:00:00 PM	664.844	22.181	27.344	96.272	0.603	879.3
12/22/2022 02:00:00 PM	557.196	21.769	24.851	127.858	0.986	879.3
12/22/2022 03:00:00 PM	385.23	21.299	25.047	33.503	0.189	879.3
12/22/2022 04:00:00 PM	179.684	20.087	29.154	85.455	0.844	879.3
12/22/2022 05:00:00 PM	9.343	18.6	35.942	66.215	0.189	879.3
12/22/2022 06:00:00 PM	-2.031	17.06	41.58	156.591	0.358	879.3
12/22/2022 07:00:00 PM	-3.791	15.068	54.872	83.013	0.644	879.3
12/22/2022 08:00:00 PM	-1.896	14.057	62.355	116.059	0.792	879.3
12/22/2022 09:00:00 PM	-1.76	13.242	64.147	124.788	1.157	879.3
12/22/2022 10:00:00 PM	-1.896	13.04	64.158	126.469	0.191	879.3
12/22/2022 11:00:00 PM	0.135	12.655	65.807	148.052	0.389	879.3
12/23/2022 12:00:00 AM	-0.812	12.7	66.572	99.112	0.189	879.3
12/23/2022 01:00:00 AM	0.406	12.248	69.365	57.078	0.184	879.3
12/23/2022 02:00:00 AM	0	11.832	69.871	112.198	0.188	879.3
12/23/2022 03:00:00 AM	-1.354	11.628	72.358	112.985	0.583	879.3
12/23/2022 04:00:00 AM	-0.406	11.91	71.648	86.241	0.188	879.3
12/23/2022 05:00:00 AM	0.406	11.778	73.121	108.98	0.689	879.3
12/23/2022 06:00:00 AM	-0.271	11.881	75.373	100.628	0.186	879.3
12/23/2022 07:00:00 AM	21.936	12.015	77.464	48.847	0.183	879.3
12/23/2022 08:00:00 AM	197.557	14.175	71.699	98.242	0.189	879.3
12/23/2022 09:00:00 AM	397.146	17.773	52.444	331.867	0.503	879.3
12/23/2022 10:00:00 AM	568.299	18.247	47.66	193.484	0.757	879.3
12/23/2022 11:00:00 AM	531.063	16.597	50.925	273.912	0.596	879.3
12/23/2022 12:00:00 PM	356.795	16.3	47.972	176.79	0.594	879.3
12/23/2022 01:00:00 PM	268.781	15.267	46.78	30.68	0.598	879.3
12/23/2022 02:00:00 PM	272.979	15.354	46.357	220.11	0.194	879.3
12/23/2022 03:00:00 PM	174.403	15.305	46.521	82.209	0.893	879.3
12/23/2022 04:00:00 PM	84.764	14.455	47.627	69.786	0.19	879.3
12/23/2022 05:00:00 PM	13.811	13.852	51.598	121.477	0.466	879.3
12/23/2022 06:00:00 PM	-0.542	13.247	55.431	77.659	0.184	879.3
12/23/2022 07:00:00 PM	-1.625	12.709	60.94	121.778	0.19	879.3
12/23/2022 08:00:00 PM	-2.166	12.188	64.369	119.818	0.19	879.3

12/23/2023 09:00:00 PM	-1.625	11.837	67.519	106.381	0.61	879.3
12/23/2023 10:00:00 PM	-2.708	11.46	69.38	71.382	0.186	879.3
12/23/2023 11:00:00 PM	-2.166	11.216	70.149	63.214	0.186	879.3
12/24/2023 12:00:00 AM	-2.573	10.685	72.353	96.154	0.532	879.3
12/24/2023 01:00:00 AM	-1.354	10.764	72.355	102.715	0.187	879.3
12/24/2023 02:00:00 AM	-1.76	10.332	74.865	97.87	0.187	879.3
12/24/2023 03:00:00 AM	-2.437	10.555	74.592	211.893	0.709	879.3
12/24/2023 04:00:00 AM	-3.25	10.22	75.94	109.797	0.186	879.3
12/24/2023 05:00:00 AM	-3.656	9.924	77.115	139.6	0.667	879.3
12/24/2023 06:00:00 AM	-2.708	9.761	78.536	141.573	0.514	879.3
12/24/2023 07:00:00 AM	20.582	9.898	78.201	80.848	0.181	879.3
12/24/2023 08:00:00 AM	239.262	13.141	66.9	104.368	0.19	879.3
12/24/2023 09:00:00 AM	433.029	15.981	54.338	189.92	0.192	879.3
12/24/2023 10:00:00 AM	657.803	17.254	41.3	159.164	1.59	879.3
12/24/2023 11:00:00 AM	705.466	17.87	38.931	49.908	0.79	879.3
12/24/2023 12:00:00 PM	777.637	18.746	35.34	161.745	0.194	879.3
12/24/2023 01:00:00 PM	734.849	17.798	33.991	84.611	1.147	879.3
12/24/2023 02:00:00 PM	556.925	18.069	36.186	41.334	0.71	879.3
12/24/2023 03:00:00 PM	386.449	17.039	37.603	85.021	0.413	879.3
12/24/2023 04:00:00 PM	189.027	16.831	36.672	74.335	0.191	879.3
12/24/2023 05:00:00 PM	10.968	15.127	42.758	154.166	0.987	879.3
12/24/2023 06:00:00 PM	-2.437	14.157	48.337	94.46	0.187	879.3
12/24/2023 07:00:00 PM	-3.114	13.773	50.38	288.251	0.193	879.3
12/24/2023 08:00:00 PM	-3.114	12.527	61.922	109.219	0.187	879.3
12/24/2023 09:00:00 PM	-3.114	11.789	67.629	211.775	0.189	879.3
12/24/2023 10:00:00 PM	-3.25	11.389	70.38	101.345	0.183	879.3
12/24/2023 11:00:00 PM	-2.979	11.491	69.19	135.787	0.883	879.3
12/25/2023 12:00:00 AM	-3.114	11.247	68.654	149.955	0.634	879.3
12/25/2023 01:00:00 AM	-0.677	10.978	70.563	119.671	0.186	879.3
12/25/2023 02:00:00 AM	-4.468	10.496	72.579	184.437	0.518	879.3
12/25/2023 03:00:00 AM	-2.437	10.176	74.439	165.207	0.482	879.3
12/25/2023 04:00:00 AM	-1.76	10.279	73.42	138.637	0.186	879.3
12/25/2023 05:00:00 AM	-1.76	10.291	75.012	86.622	0.184	879.3
12/25/2023 06:00:00 AM	-2.437	10.197	74.9	182.536	0.209	879.3
12/25/2023 07:00:00 AM	20.311	10.545	73.052	169.192	0.186	879.3
12/25/2023 08:00:00 AM	105.481	12.094	66.795	249.681	0.191	879.3
12/25/2023 09:00:00 AM	243.595	15.211	54.372	25.768	0.184	879.3
12/25/2023 10:00:00 AM	249.553	16.013	45.01	168.374	0.477	879.3
12/25/2023 11:00:00 AM	222.608	16.08	43.722	194.476	0.724	879.3
12/25/2023 12:00:00 PM	792.802	17.081	41.698	154.582	1.884	879.3
12/25/2023 01:00:00 PM	694.768	18.589	39.338	95.872	1.762	879.3
12/25/2023 02:00:00 PM	564.508	17.761	42.292	58.387	1.119	879.3
12/25/2023 03:00:00 PM	378.866	17.323	48.322	275.662	0.538	879.3
12/25/2023 04:00:00 PM	63.505	15.761	53.41	204.893	0.337	879.3
12/25/2023 05:00:00 PM	12.999	15.268	54.992	257.827	0.191	879.3
12/25/2023 06:00:00 PM	-5.281	14.602	56.335	56.002	1.006	879.3
12/25/2023 07:00:00 PM	-1.219	14.302	60.316	99.922	0.555	879.3
12/25/2023 08:00:00 PM	-1.625	14.418	60.931	107.242	0.189	879.3
12/25/2023 09:00:00 PM	-0.271	14.527	62.947	124.439	0.189	879.3
12/25/2023 10:00:00 PM	-1.354	14.913	60.875	193.173	0.671	879.3

12/25/2021 11:00:00 PM	0.542	14.788	61.398	148.228	0.192	879.3
12/26/2021 12:00:00 AM	-0.677	14.281	64.533	86.338	0.185	879.3
12/26/2021 01:00:00 AM	-0.812	14.39	64.567	151.497	0.19	879.3
12/26/2021 02:00:00 AM	-2.166	14.473	64.532	132.441	0.549	879.3
12/26/2021 03:00:00 AM	-3.656	13.965	68.98	170.547	0.188	879.3
12/26/2021 04:00:00 AM	-3.791	13.311	72.994	107.619	0.412	879.3
12/26/2021 05:00:00 AM	-2.573	12.729	76.431	179.713	0.19	879.3
12/26/2021 06:00:00 AM	-2.437	12.4	77.941	130.008	0.186	879.3
12/26/2021 07:00:00 AM	23.831	12.373	78.259	140.218	0.187	879.3
12/26/2021 08:00:00 AM	107.919	13.845	71.467	131.698	0.308	879.3
12/26/2021 09:00:00 AM	190.923	16.354	63.236	139.687	1.077	879.3
12/26/2021 10:00:00 AM	259.303	19.492	56.631	61.074	0.188	879.3
12/26/2021 11:00:00 AM	850.892	20.364	54.135	279.979	0.2	879.3
12/26/2021 12:00:00 PM	773.304	21.563	51.481	164.586	0.914	879.3
12/26/2021 01:00:00 PM	651.032	21.282	52.919	355.848	0.416	879.3
12/26/2021 02:00:00 PM	568.435	20.233	57.465	311.774	0.612	879.3
12/26/2021 03:00:00 PM	142.447	20.006	57.201	169.577	1.209	879.3
12/26/2021 04:00:00 PM	179.548	20.383	56.071	356.193	0.849	879.3
12/26/2021 05:00:00 PM	14.082	19.151	59.142	138.799	0.62	879.3
12/26/2021 06:00:00 PM	-2.437	17.904	63.312	347.113	0.197	879.3
12/26/2021 07:00:00 PM	-2.166	16.838	69.343	180.016	0.651	879.3
12/26/2021 08:00:00 PM	-2.437	16.249	71.836	117.096	0.855	879.3
12/26/2021 09:00:00 PM	-2.844	15.876	72.98	105.61	0.954	879.3
12/26/2021 10:00:00 PM	-2.573	15.881	70.429	69.103	1.421	879.3
12/26/2021 11:00:00 PM	-2.708	16.317	65.378	81.686	0.188	879.3
12/27/2021 12:00:00 AM	-1.76	15.914	67.855	356.548	0.76	879.3
12/27/2021 01:00:00 AM	-2.031	15.924	66.207	270.214	0.195	879.3
12/27/2021 02:00:00 AM	-1.896	15.196	69.897	159.123	0.97	879.3
12/27/2021 03:00:00 AM	-0.406	15.716	67.716	112.158	0.185	879.3
12/27/2021 04:00:00 AM	-0.135	16.14	68.022	193.941	0.49	879.3
12/27/2021 05:00:00 AM	-0.812	16.791	65.587	123.49	1.172	879.3
12/27/2021 06:00:00 AM	0.812	16.967	65.239	99.121	0.19	879.3
12/27/2021 07:00:00 AM	11.78	17.604	66.225	141.687	0.192	879.3
12/27/2021 08:00:00 AM	66.484	17.858	64.864	159.038	0.506	879.3
12/27/2021 09:00:00 AM	132.698	18.404	61.449	109.263	1.469	879.3
12/27/2021 10:00:00 AM	114.824	19.001	57.555	50.546	0.728	879.3
12/27/2021 11:00:00 AM	108.596	19.044	58.184	146.066	0.191	879.3
12/27/2021 12:00:00 PM	218.275	19.301	54.964	217.354	1.809	879.3
12/27/2021 01:00:00 PM	173.184	19.605	54.055	138.274	0.994	879.3
12/27/2021 02:00:00 PM	122.813	19.14	59.285	132.095	1.651	879.3
12/27/2021 03:00:00 PM	65.807	18.825	63.483	338.082	0.199	879.3
12/27/2021 04:00:00 PM	30.196	18.313	66.291	168.535	0.686	879.3
12/27/2021 05:00:00 PM	7.854	17.94	67.94	102.412	1.965	879.3
12/27/2021 06:00:00 PM	0	17.915	67.94	86.892	0.19	879.3
12/27/2021 07:00:00 PM	-0.542	17.955	68.984	338.41	0.197	879.3
12/27/2021 08:00:00 PM	0.542	17.931	70.653	167.479	0.504	879.3
12/27/2021 09:00:00 PM	-0.677	17.887	72.705	171.281	1.098	879.3
12/27/2021 10:00:00 PM	-2.437	17.682	74.934	98.697	0.188	879.3
12/27/2021 11:00:00 PM	-1.354	17.567	77.381	113.56	0.191	879.3
12/28/2021 12:00:00 AM	-2.844	17.586	79.412	81.356	1.139	879.3

12/28/2022 01:00:00 AM	0.135	17.513	81.581	91.701	0.385	879.3
12/28/2022 02:00:00 AM	0.948	18.125	79.759	93.014	0.57	879.3
12/28/2022 03:00:00 AM	0.677	17.942	81.329	178.651	0.195	879.3
12/28/2022 04:00:00 AM	-0.542	18.789	76.803	110.737	0.475	879.3
12/28/2022 05:00:00 AM	-0.406	18.627	78.196	178.262	0.19	879.3
12/28/2022 06:00:00 AM	0.271	18.343	82.529	33.139	0.715	879.3
12/28/2022 07:00:00 AM	12.728	18.378	82.51	60.429	0.209	879.3
12/28/2022 08:00:00 AM	237.773	18.826	79.902	98.227	0.738	879.3
12/28/2022 09:00:00 AM	106.971	19.456	74.637	35.773	0.185	879.3
12/28/2022 10:00:00 AM	186.86	19.892	72.311	99.944	1.716	879.3
12/28/2022 11:00:00 AM	209.744	20.093	71.706	97.801	1.85	879.3
12/28/2022 12:00:00 PM	264.854	20.508	70.298	131.871	0.633	879.3
12/28/2022 01:00:00 PM	297.216	20.532	68.491	286.164	0.361	879.3
12/28/2022 02:00:00 PM	324.162	20.196	70.242	109.132	0.969	879.3
12/28/2022 03:00:00 PM	131.75	19.916	71.412	189.136	1.547	879.3
12/28/2022 04:00:00 PM	27.217	18.554	80.601	95.256	0.19	879.3
12/28/2022 05:00:00 PM	4.739	18.377	80.023	187.104	0.544	879.3
12/28/2022 06:00:00 PM	0.677	18.381	79.366	54.535	0.603	879.3
12/28/2022 07:00:00 PM	-1.76	17.746	86.513	87.941	0.188	879.3
12/28/2022 08:00:00 PM	-2.573	17.64	86.275	136.598	1.209	879.3
12/28/2022 09:00:00 PM	-0.677	17.588	85.81	118.51	0.19	879.3
12/28/2022 10:00:00 PM	-0.677	17.66	84.658	33.278	0.184	879.3
12/28/2022 11:00:00 PM	-0.948	17.225	88.33	116.477	0.189	879.6
12/29/2022 12:00:00 AM	1.354	17.217	92	89.733	0.188	880.4
12/29/2022 01:00:00 AM	0.677	17.292	91.169	155.266	0.193	880.7
12/29/2022 02:00:00 AM	0.406	17.319	90.647	225.3	0.194	880.9
12/29/2022 03:00:00 AM	0.135	17.256	90.15	104.805	0.189	881
12/29/2022 04:00:00 AM	0.406	17.124	91.396	60.722	0.189	881.2
12/29/2022 05:00:00 AM	0.271	17.028	91.957	127.253	0.195	881.3
12/29/2022 06:00:00 AM	1.896	17.481	89.124	21.304	0.186	881.6
12/29/2022 07:00:00 AM	13.947	17.434	89.144	94.644	0.189	882.5
12/29/2022 08:00:00 AM	50.1	18.202	86.634	104.712	0.615	882.7
12/29/2022 09:00:00 AM	115.366	18.388	86.255	40.061	0.188	882.9
12/29/2022 10:00:00 AM	92.076	18.927	84.003	122.547	0.796	882.9
12/29/2022 11:00:00 AM	205.411	19.766	78.339	125.895	1.149	882.9
12/29/2022 12:00:00 PM	194.985	19.47	75.989	147.925	0.195	882.9
12/29/2022 01:00:00 PM	93.972	19.461	79.394	321.826	0.199	883
12/29/2022 02:00:00 PM	122.949	18.924	84.146	125.415	1.716	883
12/29/2022 03:00:00 PM	37.101	18.647	84.525	40.219	0.324	883.3
12/29/2022 04:00:00 PM	10.426	18.328	86.965	138.938	0.191	883.5
12/29/2022 05:00:00 PM	2.573	18.013	88.524	143.161	0.189	884.1
12/29/2022 06:00:00 PM	-0.271	17.958	88.423	187.337	0.453	884.3
12/29/2022 07:00:00 PM	0.948	18.079	88.005	118.132	0.673	884.5
12/29/2022 08:00:00 PM	1.354	18.495	87.857	112.833	0.191	884.5
12/29/2022 09:00:00 PM	0.271	18.642	89.39	86.713	0.701	884.5
12/29/2022 10:00:00 PM	0	18.633	90.286	143.822	0.812	884.7
12/29/2022 11:00:00 PM	-0.542	18.571	90.072	60.421	0.999	884.8
12/30/2022 12:00:00 AM	-1.083	18.261	89.73	141.295	1.424	884.8
12/30/2022 01:00:00 AM	-1.083	18.116	89.73	139.553	0.949	884.9
12/30/2022 02:00:00 AM	-1.219	17.779	89.689	135.929	0.307	885

12/30/2022 03:00:00 AM	0.406	17.564	90.205	53.331	0.602	885
12/30/2022 04:00:00 AM	0.677	17.546	90.009	110.82	0.604	885.1
12/30/2022 05:00:00 AM	1.219	17.405	89.267	71.675	1.12	885.2
12/30/2022 06:00:00 AM	1.083	17.202	89.606	137.906	0.524	885.2
12/30/2022 07:00:00 AM	4.739	17.384	90.45	137.581	0.19	885.3
12/30/2022 08:00:00 AM	38.049	17.678	89.93	135.263	1.884	885.4
12/30/2022 09:00:00 AM	36.83	17.965	89.969	60.782	0.191	885.5
12/30/2022 10:00:00 AM	132.833	18.074	90.632	88.383	0.193	885.9
12/30/2022 11:00:00 AM	144.343	18.244	90.33	30.935	0.19	886
12/30/2022 12:00:00 PM	296.539	18.661	88.786	187.009	0.53	886.1
12/30/2022 01:00:00 PM	273.249	19.394	83.5	203.617	0.524	886.1
12/30/2022 02:00:00 PM	138.25	18.473	88.145	320.942	0.409	886.2
12/30/2022 03:00:00 PM	106.7	18.385	89.791	154.754	1.074	886.3
12/30/2022 04:00:00 PM	52.538	18.143	90.414	89.967	0.275	886.5
12/30/2022 05:00:00 PM	10.426	17.75	88.705	120.72	1.113	886.6
12/30/2022 06:00:00 PM	1.354	17.606	89.728	133.108	0.675	886.7
12/30/2022 07:00:00 PM	0.406	17.533	90.653	130.477	1.081	886.8
12/30/2022 08:00:00 PM	1.083	17.3	90.353	30.485	0.416	887
12/30/2022 09:00:00 PM	2.031	17.127	90.372	61.444	0.467	887.2
12/30/2022 10:00:00 PM	0.948	17.138	89.91	101.51	0.197	887.3
12/30/2022 11:00:00 PM	1.896	17.036	90.324	45.868	1.517	887.4
12/31/2022 12:00:00 AM	2.573	17.023	90.419	221.648	0.198	887.5
12/31/2022 01:00:00 AM	2.031	16.956	90.232	122.656	0.783	887.6
12/31/2022 02:00:00 AM	1.489	17.028	89.508	207.777	0.191	887.6
12/31/2022 03:00:00 AM	1.625	16.96	89.948	185.503	0.469	887.7
12/31/2022 04:00:00 AM	0.542	16.872	90.271	83.737	0.679	887.7
12/31/2022 05:00:00 AM	1.354	16.987	89.787	85.254	1.54	887.8
12/31/2022 06:00:00 AM	1.896	17.109	89.73	109.841	1.211	887.9
12/31/2022 07:00:00 AM	5.416	17.082	91.416	118.176	0.5	888
12/31/2022 08:00:00 AM	13.541	17.273	91.96	85.667	0.187	888.1
12/31/2022 09:00:00 AM	34.529	17.883	92.028	176.072	0.368	888.2
12/31/2022 10:00:00 AM	41.028	18.151	90.212	209.736	0.204	888.3
12/31/2022 11:00:00 AM	77.046	18.34	88.086	24.826	1.429	888.4
12/31/2022 12:00:00 PM	100.742	18.085	87.98	125.649	1.177	888.4
12/31/2022 01:00:00 PM	77.994	18.05	86.797	311.145	0.201	888.5
12/31/2022 02:00:00 PM	46.58	18.104	85.471	215.09	0.194	888.5
12/31/2022 03:00:00 PM	41.57	17.939	86.033	89.793	0.372	888.5
12/31/2022 04:00:00 PM	22.884	17.785	88.523	114.767	0.571	888.5
12/31/2022 05:00:00 PM	3.521	17.823	89.971	157.084	0.192	888.5
12/31/2022 06:00:00 PM	2.844	18.089	91.524	12.456	0.582	888.6
12/31/2022 07:00:00 PM	-0.271	18.13	89.488	148.913	0.188	888.7
12/31/2022 08:00:00 PM	1.354	18.227	89.748	54.823	0.191	888.7
12/31/2022 09:00:00 PM	0.812	18.357	90.854	91.938	0.383	888.9
12/31/2022 10:00:00 PM	1.219	18.718	91.331	225.483	0.192	889.1
12/31/2022 11:00:00 PM	0.677	18.656	90.652	64.364	0.297	889.2
1/1/2023 12:00:00 AM	1.896	18.728	91.032	170.555	0.504	889.3