

	Pyranometer [W/m ²]	Temperature [°C]	RH [%RH]	Wind Direction [angle]	Wind Speed [m/s]	Rain sensor [mm]
11/1/2022 01:00:00 AM	3.791	21.908	91.77	127.852	0.193	672.2
11/1/2022 02:00:00 AM	2.573	21.807	92.86	88.2	0.588	673.5
11/1/2022 03:00:00 AM	2.844	22.249	93.357	96.144	0.193	674.3
11/1/2022 04:00:00 AM	3.791	22.449	94.502	155.479	0.195	676.1
11/1/2022 05:00:00 AM	1.896	22.792	94.846	41.908	0.452	678.4
11/1/2022 06:00:00 AM	2.573	22.995	92.595	95.188	0.904	679.8
11/1/2022 07:00:00 AM	24.779	23.063	89.277	159.592	0.825	680.5
11/1/2022 08:00:00 AM	78.4	23.355	88.384	276.978	0.322	681.7
11/1/2022 09:00:00 AM	101.69	23.796	84.794	84.162	1.187	681.7
11/1/2022 10:00:00 AM	425.175	25.161	76.749	83.613	0.581	681.7
11/1/2022 11:00:00 AM	117.262	24.001	80.103	55.423	0.627	681.7
11/1/2022 12:00:00 PM	184.152	23.893	78.513	121.059	1.557	681.7
11/1/2022 01:00:00 PM	184.017	24.158	76.226	95.277	3.103	681.8
11/1/2022 02:00:00 PM	74.067	23.908	81.891	37.712	0.703	682
11/1/2022 03:00:00 PM	28.029	22.759	86.994	92.772	1.299	682.5
11/1/2022 04:00:00 PM	19.498	23.143	87.57	171.84	1.12	683.7
11/1/2022 05:00:00 PM	6.093	22.687	86.887	158.713	1.515	684
11/1/2022 06:00:00 PM	0.271	22.654	86.408	138.081	1.252	684
11/1/2022 07:00:00 PM	-0.406	22.679	83.856	130.12	0.633	684
11/1/2022 08:00:00 PM	1.219	22.106	90.055	323.039	0.2	684.4
11/1/2022 09:00:00 PM	0.406	22.287	90.601	40.25	0.191	684.6
11/1/2022 10:00:00 PM	3.25	22.415	90.081	16.719	0.75	684.8
11/1/2022 11:00:00 PM	1.896	22.367	87.591	124.641	0.829	684.8
11/2/2022 12:00:00 AM	2.573	21.758	92.609	355.777	0.206	685.5
11/2/2022 01:00:00 AM	1.625	22.044	93.288	136.772	0.886	685.7
11/2/2022 02:00:00 AM	0.812	22.215	91.026	109.772	0.194	685.8
11/2/2022 03:00:00 AM	3.114	22.491	87.73	116.853	1.088	685.8
11/2/2022 04:00:00 AM	2.031	22.458	86.044	126.151	0.474	685.9
11/2/2022 05:00:00 AM	1.896	22.572	86.947	215.387	0.195	685.9
11/2/2022 06:00:00 AM	4.198	22.743	86.182	182.623	1.041	685.9
11/2/2022 07:00:00 AM	50.236	23.003	86.926	156.417	0.879	685.9
11/2/2022 08:00:00 AM	61.204	23.523	83.348	43.442	1.537	685.9
11/2/2022 09:00:00 AM	290.311	25.03	75.37	34.99	1.366	685.9
11/2/2022 10:00:00 AM	413.665	25.506	78.644	146.014	1.942	685.9
11/2/2022 11:00:00 AM	323.62	26.155	75.766	129.819	0.703	685.9
11/2/2022 12:00:00 PM	332.828	26.928	75.145	215.964	1.017	685.9
11/2/2022 01:00:00 PM	203.515	26.199	76.27	26.269	1.237	685.9
11/2/2022 02:00:00 PM	287.061	25.617	85.73	257.448	0.587	685.9
11/2/2022 03:00:00 PM	155.852	25.86	82.682	320.955	0.204	685.9
11/2/2022 04:00:00 PM	51.725	25.314	86.051	258.318	0.2	685.9
11/2/2022 05:00:00 PM	12.728	24.227	90.448	176.474	0.984	686
11/2/2022 06:00:00 PM	1.489	23.972	90.697	162.746	0.325	686.2
11/2/2022 07:00:00 PM	-0.271	24.047	89.299	37.637	1.342	686.4
11/2/2022 08:00:00 PM	2.437	23.667	91.873	73.851	0.218	686.5
11/2/2022 09:00:00 PM	1.354	23.741	92.835	356.344	0.207	686.7
11/2/2022 10:00:00 PM	2.031	23.818	90.584	81.687	1.039	686.8
11/2/2022 11:00:00 PM	1.354	23.774	89.976	48.321	0.678	686.8
11/3/2022 12:00:00 AM	1.354	23.528	89.706	235.377	0.197	686.8

11/3/2022 01:00:00 AM	0.948	23.912	86.587	190.525	0.633	686.8
11/3/2022 02:00:00 AM	1.083	23.759	87.35	177.935	0.661	686.8
11/3/2022 03:00:00 AM	1.896	24.002	87.29	110.448	0.759	686.8
11/3/2022 04:00:00 AM	2.302	24.109	87.854	92.485	0.19	686.8
11/3/2022 05:00:00 AM	0.135	24.069	90.184	97.606	0.193	686.8
11/3/2022 06:00:00 AM	5.145	24.263	90.947	79.968	0.75	686.8
11/3/2022 07:00:00 AM	83.41	24.582	88.798	151.206	1.086	686.8
11/3/2022 08:00:00 AM	160.185	25.735	84.132	76.578	0.194	686.8
11/3/2022 09:00:00 AM	296.81	25.117	88.279	117.631	0.638	686.8
11/3/2022 10:00:00 AM	129.719	25.681	83.803	72.174	0.196	686.8
11/3/2022 11:00:00 AM	397.146	26.388	79.085	63.881	1.131	686.8
11/3/2022 12:00:00 PM	885.149	27.997	73.767	33.403	0.744	686.8
11/3/2022 01:00:00 PM	443.049	27.122	75.778	92.766	0.659	686.8
11/3/2022 02:00:00 PM	679.738	28.165	72.869	193.431	0.198	686.8
11/3/2022 03:00:00 PM	184.288	27.424	73.189	67.715	0.653	686.8
11/3/2022 04:00:00 PM	96.545	26.771	77.682	123.484	0.797	686.8
11/3/2022 05:00:00 PM	12.864	26.126	82.035	130.277	0.197	686.8
11/3/2022 06:00:00 PM	3.114	25.624	85.638	74.089	1.174	686.8
11/3/2022 07:00:00 PM	3.927	25.651	86.957	90.603	0.191	686.8
11/3/2022 08:00:00 PM	2.708	25.557	87.596	352.059	1.289	686.8
11/3/2022 09:00:00 PM	3.656	25.451	88.181	228.029	0.204	686.8
11/3/2022 10:00:00 PM	4.062	25.382	87.639	344.547	0.204	686.8
11/3/2022 11:00:00 PM	2.979	25.286	89.05	87.897	0.478	686.8
11/4/2022 12:00:00 AM	3.656	25.302	87.964	175.059	0.195	686.8
11/4/2022 01:00:00 AM	4.604	25.084	87.196	321.851	0.205	686.8
11/4/2022 02:00:00 AM	-0.677	24.492	89.206	117.273	1.051	686.9
11/4/2022 03:00:00 AM	-0.135	24.106	89.621	81.596	0.738	687
11/4/2022 04:00:00 AM	1.625	24.001	89.859	87.259	0.494	687.2
11/4/2022 05:00:00 AM	1.76	23.956	88.243	105.893	0.197	687.4
11/4/2022 06:00:00 AM	-1.76	23.582	86.71	57.857	0.516	687.4
11/4/2022 07:00:00 AM	20.446	23.208	88.598	173.46	0.612	687.4
11/4/2022 08:00:00 AM	61.068	22.848	90.123	138.165	0.525	687.5
11/4/2022 09:00:00 AM	96.409	23.329	87.312	98.291	0.773	687.5
11/4/2022 10:00:00 AM	78.265	23.173	89.083	30.095	1.032	687.6
11/4/2022 11:00:00 AM	137.031	22.839	89.644	117.244	1.107	687.8
11/4/2022 12:00:00 PM	240.21	22.908	85.829	356.249	0.583	687.9
11/4/2022 01:00:00 PM	239.804	23.248	81.009	256.762	0.331	687.9
11/4/2022 02:00:00 PM	163.706	23.181	80.521	181.116	1.532	687.9
11/4/2022 03:00:00 PM	54.569	22.47	82.552	201.128	0.208	687.9
11/4/2022 04:00:00 PM	62.287	22.466	79.899	128.947	1.06	687.9
11/4/2022 05:00:00 PM	2.708	21.952	83.859	62.951	0.754	687.9
11/4/2022 06:00:00 PM	-0.677	21.871	85.164	90.467	0.48	687.9
11/4/2022 07:00:00 PM	0	21.837	85.72	90.495	0.947	687.9
11/4/2022 08:00:00 PM	-0.271	21.602	86.649	117.24	0.633	687.9
11/4/2022 09:00:00 PM	0.812	21.67	85.843	353.33	1.127	687.9
11/4/2022 10:00:00 PM	-3.114	21.387	85.906	158.916	0.799	687.9
11/4/2022 11:00:00 PM	2.302	21.432	85.223	293.802	0.586	687.9
11/5/2022 12:00:00 AM	1.896	21.418	82.527	49.679	0.191	687.9
11/5/2022 01:00:00 AM	1.625	21.358	83.289	107.112	1.195	687.9
11/5/2022 02:00:00 AM	3.385	21.328	82.687	289.892	0.202	687.9

11/5/2022 03:00:00 AM	0.135	21.26	81.978	190.262	0.198	687.9
11/5/2022 04:00:00 AM	2.979	21.246	82.441	140.692	2.504	687.9
11/5/2022 05:00:00 AM	2.031	21.119	82.241	76.363	0.359	687.9
11/5/2022 06:00:00 AM	1.489	21.383	81.265	231.074	0.196	687.9
11/5/2022 07:00:00 AM	30.331	21.55	80.795	93.747	1.995	687.9
11/5/2022 08:00:00 AM	104.127	21.758	79.631	85.512	0.829	687.9
11/5/2022 09:00:00 AM	263.771	23.097	74.616	38.758	0.194	687.9
11/5/2022 10:00:00 AM	232.357	22.692	75.217	104.43	1.393	687.9
11/5/2022 11:00:00 AM	149.488	22.672	75.062	179.849	0.952	687.9
11/5/2022 12:00:00 PM	344.338	23.066	71.962	96.491	0.652	687.9
11/5/2022 01:00:00 PM	181.986	22.642	75.837	297.83	0.469	687.9
11/5/2022 02:00:00 PM	126.198	22.308	76.766	117.305	1.78	687.9
11/5/2022 03:00:00 PM	69.192	22.351	73.756	139.338	0.198	687.9
11/5/2022 04:00:00 PM	35.747	22.29	72.318	135.876	0.194	687.9
11/5/2022 05:00:00 PM	8.26	22.186	72.144	192.284	0.81	687.9
11/5/2022 06:00:00 PM	2.708	22.03	73.544	130.875	0.721	687.9
11/5/2022 07:00:00 PM	0.948	21.54	77.805	68.179	0.961	687.9
11/5/2022 08:00:00 PM	-2.844	21.224	81.037	102.245	0.763	687.9
11/5/2022 09:00:00 PM	-0.135	21.161	83.65	125.686	0.665	687.9
11/5/2022 10:00:00 PM	0.948	21.337	81.284	97.326	1	687.9
11/5/2022 11:00:00 PM	0.542	21.029	79.848	148.152	0.231	687.9
11/6/2022 12:00:00 AM	1.896	21.096	79.206	98.819	0.449	687.9
11/6/2022 01:00:00 AM	-0.271	20.95	80.217	54.688	0.292	687.9
11/6/2022 02:00:00 AM	0.406	21.019	80.794	100.966	0.193	687.9
11/6/2022 03:00:00 AM	0	21.094	79.545	25.239	0.191	687.9
11/6/2022 04:00:00 AM	1.896	21.007	80.531	347.061	0.205	687.9
11/6/2022 05:00:00 AM	-0.271	21.341	79.507	187.187	0.715	687.9
11/6/2022 06:00:00 AM	1.76	21.328	80.03	105.063	0.192	687.9
11/6/2022 07:00:00 AM	87.066	21.801	79.77	54.516	0.463	687.9
11/6/2022 08:00:00 AM	146.509	22.742	75.162	154.112	2.354	687.9
11/6/2022 09:00:00 AM	181.58	23.41	73.07	92.905	1.507	687.9
11/6/2022 10:00:00 AM	157.748	23.572	71.538	99.742	0.953	687.9
11/6/2022 11:00:00 AM	152.467	23.808	73.145	77.568	0.576	687.9
11/6/2022 12:00:00 PM	239.94	24.515	70.827	315.623	0.661	687.9
11/6/2022 01:00:00 PM	412.853	25.137	69.071	263.417	0.857	687.9
11/6/2022 02:00:00 PM	234.794	25.157	70.84	30.384	0.693	687.9
11/6/2022 03:00:00 PM	144.614	24.235	76.121	351.325	0.971	687.9
11/6/2022 04:00:00 PM	57.954	23.323	81.128	89.612	0.195	687.9
11/6/2022 05:00:00 PM	6.906	23.149	82.565	325.837	0.289	687.9
11/6/2022 06:00:00 PM	2.166	22.7	87.722	142.566	0.198	688
11/6/2022 07:00:00 PM	1.625	22.575	88.53	139.719	0.193	688.1
11/6/2022 08:00:00 PM	-0.135	22.733	88.011	57.379	0.429	688.1
11/6/2022 09:00:00 PM	1.896	23.066	87.828	117.996	0.884	688.1
11/6/2022 10:00:00 PM	2.302	23.161	87.034	263.536	0.202	688.1
11/6/2022 11:00:00 PM	2.844	23.221	86.964	105.726	0.673	688.1
11/7/2022 12:00:00 AM	-2.302	22.874	90.321	69.15	0.193	688.1
11/7/2022 01:00:00 AM	0.271	23.014	89.656	125.885	0.347	688.1
11/7/2022 02:00:00 AM	2.708	23.177	88.837	25.059	0.19	688.1
11/7/2022 03:00:00 AM	1.219	23.251	87.707	124.842	0.53	688.1
11/7/2022 04:00:00 AM	-0.406	22.932	90.542	156.497	0.83	688.1

11/7/2022 05:00:00 AM	1.489	23.207	89.075	134.013	0.63	688.1
11/7/2022 06:00:00 AM	1.625	23.231	88.802	136.969	0.899	688.1
11/7/2022 07:00:00 AM	46.173	23.482	88.532	130.745	1.237	688.1
11/7/2022 08:00:00 AM	281.374	25.243	80.984	224.401	0.198	688.1
11/7/2022 09:00:00 AM	675.27	27.231	72.596	124.606	0.239	688.1
11/7/2022 10:00:00 AM	249.96	24.855	85.952	178.369	0.387	688.1
11/7/2022 11:00:00 AM	533.094	26.568	79.09	91.869	0.871	688.1
11/7/2022 12:00:00 PM	412.718	26.971	74.88	158.95	1.531	688.1
11/7/2022 01:00:00 PM	167.768	26.304	75.768	324.879	0.863	688.1
11/7/2022 02:00:00 PM	282.863	26.554	76.792	113.105	0.193	688.1
11/7/2022 03:00:00 PM	266.344	26.787	71.549	279.741	0.584	688.1
11/7/2022 04:00:00 PM	132.969	26.04	73.616	139.744	0.936	688.1
11/7/2022 05:00:00 PM	4.333	24.985	78.938	155.783	0.71	688.1
11/7/2022 06:00:00 PM	-4.739	24.219	82.491	62.584	0.79	688.1
11/7/2022 07:00:00 PM	0	23.999	86.349	256.296	0.2	688.1
11/7/2022 08:00:00 PM	2.031	24.054	86.166	262.04	0.505	688.1
11/7/2022 09:00:00 PM	2.166	24.643	83.1	276.952	0.721	688.1
11/7/2022 10:00:00 PM	2.302	24.636	82.548	23.806	0.192	688.1
11/7/2022 11:00:00 PM	1.625	24.986	80.625	314.252	0.204	688.1
11/8/2022 12:00:00 AM	-4.198	24.404	85.04	97.319	0.198	688.1
11/8/2022 01:00:00 AM	-1.76	24.112	88.214	16.679	0.191	688.1
11/8/2022 02:00:00 AM	-1.896	23.998	88.61	207.445	0.198	688.2
11/8/2022 03:00:00 AM	0.542	24.124	87.986	125.867	0.193	688.2
11/8/2022 04:00:00 AM	-0.406	23.832	89.764	206.443	0.198	688.3
11/8/2022 05:00:00 AM	1.625	23.416	92.633	238.053	0.197	689.1
11/8/2022 06:00:00 AM	2.979	23.664	92.173	5.368	0.184	689.2
11/8/2022 07:00:00 AM	39.945	24.113	89.722	71.76	0.975	689.2
11/8/2022 08:00:00 AM	89.097	24.438	87.753	63.727	1.539	689.2
11/8/2022 09:00:00 AM	153.009	24.757	88.54	46.898	0.192	689.2
11/8/2022 10:00:00 AM	99.794	25.098	85.467	66.345	0.773	689.2
11/8/2022 11:00:00 AM	374.398	25.191	90.07	57.522	0.44	689.4
11/8/2022 12:00:00 PM	150.572	24.655	90.079	132.011	0.196	690.4
11/8/2022 01:00:00 PM	45.903	24.996	87.876	117.89	0.995	690.6
11/8/2022 02:00:00 PM	113.47	25.6	87.456	232.959	0.201	690.7
11/8/2022 03:00:00 PM	138.25	25.55	83.538	175.375	0.643	690.7
11/8/2022 04:00:00 PM	30.466	24.853	86.388	109.71	1.286	690.7
11/8/2022 05:00:00 PM	5.958	24.549	88.886	81.76	0.578	690.8
11/8/2022 06:00:00 PM	2.031	24.551	89.965	169.359	0.442	691.2
11/8/2022 07:00:00 PM	1.354	24.703	89.482	45.223	0.194	691.2
11/8/2022 08:00:00 PM	0	24.786	89.549	101.355	0.193	691.3
11/8/2022 09:00:00 PM	3.25	25.148	87.83	13.505	0.952	691.3
11/8/2022 10:00:00 PM	1.625	24.891	87.871	139.911	0.194	691.3
11/8/2022 11:00:00 PM	2.437	25.093	87.673	76.134	0.478	691.3
11/9/2022 12:00:00 AM	1.625	25.326	83.634	22.846	0.193	691.3
11/9/2022 01:00:00 AM	2.437	25.238	84.32	284.701	0.205	691.3
11/9/2022 02:00:00 AM	0.948	25.238	81.304	160.64	0.845	691.3
11/9/2022 03:00:00 AM	-0.677	26.4	70.618	176.318	1.563	691.3
11/9/2022 04:00:00 AM	-1.219	26.401	72.607	80.21	0.691	691.3
11/9/2022 05:00:00 AM	-0.135	26.451	73.603	110.677	1.367	691.3
11/9/2022 06:00:00 AM	-0.542	26.237	73.932	21.76	1.001	691.3

11/9/2022 07:00:00 AM	160.05	27.444	70.24	93.242	1.024	691.3
11/9/2022 08:00:00 AM	370.606	28.941	63.845	50.798	1.584	691.3
11/9/2022 09:00:00 AM	560.175	30.163	58.765	91.363	2.527	691.3
11/9/2022 10:00:00 AM	691.925	31.007	53.915	231.728	0.606	691.3
11/9/2022 11:00:00 AM	770.46	32.001	52.05	29.461	2.643	691.3
11/9/2022 12:00:00 PM	780.21	32.209	50.269	115.866	2.341	691.3
11/9/2022 01:00:00 PM	716.163	31.952	50.466	233.655	0.745	691.3
11/9/2022 02:00:00 PM	589.693	31.884	50	39.211	0.905	691.3
11/9/2022 03:00:00 PM	404.593	32.065	50.302	192.318	0.606	691.3
11/9/2022 04:00:00 PM	200.401	30.618	55.324	147.221	1.763	691.3
11/9/2022 05:00:00 PM	12.322	28.872	62.056	136.111	0.77	691.3
11/9/2022 06:00:00 PM	0.135	28.394	63.983	207.172	0.517	691.3
11/9/2022 07:00:00 PM	-0.542	27.979	65.709	146.726	0.539	691.3
11/9/2022 08:00:00 PM	-0.948	28.009	66.191	73.587	0.609	691.3
11/9/2022 09:00:00 PM	-0.812	27.797	68.22	100.935	0.196	691.3
11/9/2022 10:00:00 PM	-1.76	27.218	70.929	175.504	0.199	691.3
11/9/2022 11:00:00 PM	-0.812	26.871	72.356	144.549	0.198	691.3
11/10/2022 12:00:00 AM	-1.896	26.609	72.695	52.275	0.194	691.3
11/10/2022 01:00:00 AM	-0.948	25.826	76.03	184.581	0.799	691.3
11/10/2022 02:00:00 AM	-0.135	25.476	79.041	62.543	0.74	691.3
11/10/2022 03:00:00 AM	-0.542	25.381	76.767	248.309	0.199	691.3
11/10/2022 04:00:00 AM	-0.812	25.155	76.029	188.517	0.2	691.3
11/10/2022 05:00:00 AM	-0.812	24.95	77.31	65.183	0.194	691.3
11/10/2022 06:00:00 AM	0	24.477	78.129	261.99	1.591	691.3
11/10/2022 07:00:00 AM	142.447	26.338	71.815	270.61	0.203	691.3
11/10/2022 08:00:00 AM	350.025	29.618	62.67	220.137	0.201	691.3
11/10/2022 09:00:00 AM	538.51	31.686	60.12	101.652	0.201	691.3
11/10/2022 10:00:00 AM	677.707	32.238	59.292	227.736	0.309	691.3
11/10/2022 11:00:00 AM	791.448	33.607	57.271	22.372	0.2	691.3
11/10/2022 12:00:00 PM	774.116	33.277	49.414	21.422	2.308	691.3
11/10/2022 01:00:00 PM	714.809	32.847	51.328	119.101	0.934	691.3
11/10/2022 02:00:00 PM	595.245	31.97	60.298	64.755	0.318	691.3
11/10/2022 03:00:00 PM	405.947	31.983	58.603	90.83	0.956	691.3
11/10/2022 04:00:00 PM	200.266	30.547	61.191	44.047	1.345	691.3
11/10/2022 05:00:00 PM	15.843	28.442	66.706	159.833	0.809	691.3
11/10/2022 06:00:00 PM	0	27.433	72.427	205.396	0.203	691.3
11/10/2022 07:00:00 PM	0.271	27.308	73.79	185.002	0.199	691.3
11/10/2022 08:00:00 PM	0	27.141	75.277	190.254	0.199	691.3
11/10/2022 09:00:00 PM	1.625	27.143	76.166	184.424	0.201	691.3
11/10/2022 10:00:00 PM	0.677	27.045	77.487	231.877	0.205	691.3
11/10/2022 11:00:00 PM	2.573	27.11	77.126	175.279	0.782	691.3
11/11/2022 12:00:00 AM	0	27.25	75.336	57.147	0.589	691.3
11/11/2022 01:00:00 AM	2.437	26.893	77.431	312.278	0.231	691.3
11/11/2022 02:00:00 AM	-1.76	26.706	79.353	52.706	0.197	691.3
11/11/2022 03:00:00 AM	2.437	26.605	81.013	236.751	0.202	691.3
11/11/2022 04:00:00 AM	1.354	26.335	84.173	216.657	0.199	691.3
11/11/2022 05:00:00 AM	2.302	25.925	86.465	72.544	0.198	691.3
11/11/2022 06:00:00 AM	0.271	25.888	88.354	149.626	0.198	691.3
11/11/2022 07:00:00 AM	80.837	25.916	92.76	49.692	0.195	691.3
11/11/2022 08:00:00 AM	169.258	27.211	88.183	77.196	0.549	691.4

11/11/2022 09:00:00 AM	300.331	29.855	79.633	155.978	0.2	691.4
11/11/2022 10:00:00 AM	726.453	31.088	68.046	122.387	0.987	691.4
11/11/2022 11:00:00 AM	254.97	32.047	61.905	6.687	0.189	691.4
11/11/2022 12:00:00 PM	204.463	31.634	64.626	160.381	0.203	691.4
11/11/2022 01:00:00 PM	331.068	32.363	60.938	71.809	0.196	691.4
11/11/2022 02:00:00 PM	298.299	32.603	63.126	190.189	0.936	691.4
11/11/2022 03:00:00 PM	119.293	31.394	67.419	70.422	0.197	691.4
11/11/2022 04:00:00 PM	119.157	30.911	68.979	127.54	0.203	691.4
11/11/2022 05:00:00 PM	11.916	29.565	75.263	54.239	0.196	691.4
11/11/2022 06:00:00 PM	2.437	28.215	81.329	27.22	0.195	691.4
11/11/2022 07:00:00 PM	2.573	27.788	82.394	59.722	0.198	691.4
11/11/2022 08:00:00 PM	2.302	27.414	83.31	128.078	0.2	691.4
11/11/2022 09:00:00 PM	1.354	27.1	84.96	6.189	0.187	691.4
11/11/2022 10:00:00 PM	2.166	26.739	85.977	126.673	0.45	691.4
11/11/2022 11:00:00 PM	1.489	26.612	86.434	258.054	0.203	691.4
11/12/2022 12:00:00 AM	2.166	26.59	86.265	243.491	0.206	691.4
11/12/2022 01:00:00 AM	1.354	25.969	87.179	228.452	0.941	691.4
11/12/2022 02:00:00 AM	0.542	25.396	86.706	247.137	1.386	691.4
11/12/2022 03:00:00 AM	1.083	25.034	87.107	150.367	0.232	691.4
11/12/2022 04:00:00 AM	0.948	24.852	85.683	251.937	0.804	691.4
11/12/2022 05:00:00 AM	-0.812	24.289	84.634	255.489	1.181	691.4
11/12/2022 06:00:00 AM	2.437	24.531	83.791	239.678	0.82	691.4
11/12/2022 07:00:00 AM	138.25	25.694	77.921	235.059	0.753	691.4
11/12/2022 08:00:00 AM	350.025	27.751	65.362	207.268	0.585	691.4
11/12/2022 09:00:00 AM	534.177	30.904	57.544	125.702	0.206	691.4
11/12/2022 10:00:00 AM	671.208	33.007	53.41	353.952	0.213	691.4
11/12/2022 11:00:00 AM	716.569	34.074	47.759	89.605	0.202	691.4
11/12/2022 12:00:00 PM	729.974	34.886	47.122	70.368	0.203	691.4
11/12/2022 01:00:00 PM	616.504	34.118	54.985	182.383	0.882	691.4
11/12/2022 02:00:00 PM	541.083	33.541	56.629	24.793	0.201	691.4
11/12/2022 03:00:00 PM	189.975	31.999	61.891	4.892	0.188	691.4
11/12/2022 04:00:00 PM	126.605	30.929	64.99	176.905	1.262	691.4
11/12/2022 05:00:00 PM	8.124	28.777	75.587	185.944	0.203	691.4
11/12/2022 06:00:00 PM	2.437	27.589	81.995	297.95	0.419	691.4
11/12/2022 07:00:00 PM	0.271	27.274	82.324	127.788	0.2	691.4
11/12/2022 08:00:00 PM	-0.948	26.916	84.744	321.994	0.206	691.4
11/12/2022 09:00:00 PM	1.354	26.484	85.535	168.891	0.196	691.4
11/12/2022 10:00:00 PM	-1.219	26.275	86.139	190.235	0.201	691.4
11/12/2022 11:00:00 PM	-0.406	25.984	87.134	105.362	0.473	691.4
11/13/2022 12:00:00 AM	0.406	25.769	87.294	151.411	0.468	691.4
11/13/2022 01:00:00 AM	-0.948	25.621	87.066	281.758	0.21	691.4
11/13/2022 02:00:00 AM	-1.896	25.068	87.221	41.682	0.194	691.4
11/13/2022 03:00:00 AM	2.844	25.098	85.809	140.518	0.199	691.4
11/13/2022 04:00:00 AM	-0.542	24.623	82.688	133.869	0.196	691.4
11/13/2022 05:00:00 AM	2.166	24.225	83.798	212.101	1.22	691.4
11/13/2022 06:00:00 AM	3.521	24.349	81.822	193.005	0.203	691.4
11/13/2022 07:00:00 AM	37.101	24.701	85.599	313.206	0.203	691.4
11/13/2022 08:00:00 AM	337.296	26.932	74.542	140.719	0.202	691.4
11/13/2022 09:00:00 AM	687.998	29.511	62.978	154.896	0.905	691.4
11/13/2022 10:00:00 AM	402.156	29.657	64.925	240.233	0.205	691.4

11/13/2022 11:00:00 AM	767.617	30.041	66.065	123.228	2.83	691.4
11/13/2022 12:00:00 PM	902.617	29.732	65.966	14.461	1.47	691.4
11/13/2022 01:00:00 PM	267.562	28.119	71.753	48.318	1.646	691.4
11/13/2022 02:00:00 PM	604.723	29.196	67.679	138.675	0.203	691.4
11/13/2022 03:00:00 PM	166.279	28.254	68.774	200.162	0.63	691.4
11/13/2022 04:00:00 PM	67.026	27.785	73.101	170.887	0.858	691.4
11/13/2022 05:00:00 PM	11.374	27.095	75.062	351.693	0.21	691.4
11/13/2022 06:00:00 PM	-0.135	26.741	77.15	86.33	0.586	691.4
11/13/2022 07:00:00 PM	0	26.577	78.314	195.536	0.21	691.4
11/13/2022 08:00:00 PM	-2.302	26.267	79.657	133.976	2.754	691.4
11/13/2022 09:00:00 PM	-1.896	25.93	79.957	90.15	0.215	691.4
11/13/2022 10:00:00 PM	-0.948	25.801	79.459	52.637	0.808	691.4
11/13/2022 11:00:00 PM	0.542	25.62	79.604	69.739	0.196	691.4
11/14/2022 12:00:00 AM	0.135	25.469	79.897	166.994	3.221	691.4
11/14/2022 01:00:00 AM	0.677	25.444	79.434	52.041	0.522	691.4
11/14/2022 02:00:00 AM	-0.812	25.266	78.911	133.416	0.413	691.4
11/14/2022 03:00:00 AM	-0.812	24.941	80.664	74.425	0.489	691.4
11/14/2022 04:00:00 AM	-0.542	24.938	79.615	7.752	0.551	691.4
11/14/2022 05:00:00 AM	0.677	24.803	78.124	127.474	0.575	691.4
11/14/2022 06:00:00 AM	0.812	24.671	76.848	108.717	1.991	691.4
11/14/2022 07:00:00 AM	87.608	24.962	75.998	44.186	0.61	691.4
11/14/2022 08:00:00 AM	148.134	26.163	68.87	84.463	1.692	691.4
11/14/2022 09:00:00 AM	238.721	27.375	65.864	203.184	0.203	691.4
11/14/2022 10:00:00 AM	332.151	27.602	61.485	190.367	0.888	691.4
11/14/2022 11:00:00 AM	385.907	28.518	58.416	356.738	1.007	691.4
11/14/2022 12:00:00 PM	463.495	28.475	58.375	79.002	1.541	691.4
11/14/2022 01:00:00 PM	716.975	28.3	56.389	265.86	1.417	691.4
11/14/2022 02:00:00 PM	594.026	28.447	56.185	343.134	0.568	691.4
11/14/2022 03:00:00 PM	402.427	28.462	56.78	305.209	0.528	691.4
11/14/2022 04:00:00 PM	173.049	28	59.669	122.335	3.177	691.4
11/14/2022 05:00:00 PM	9.614	26.428	65.677	153.728	0.584	691.4
11/14/2022 06:00:00 PM	-0.135	25.599	69.169	160.846	0.435	691.4
11/14/2022 07:00:00 PM	-1.219	25.305	71.157	83.314	0.197	691.4
11/14/2022 08:00:00 PM	-0.948	25.223	72.671	130.453	0.594	691.4
11/14/2022 09:00:00 PM	0.271	25.117	73.066	196.402	0.849	691.4
11/14/2022 10:00:00 PM	0.677	25.221	71.537	73.02	1.255	691.4
11/14/2022 11:00:00 PM	-1.76	25.108	72.042	105.302	1.04	691.4
11/15/2022 12:00:00 AM	-1.896	24.974	72.941	138.692	0.574	691.4
11/15/2022 01:00:00 AM	-1.896	24.889	73.865	53.547	0.615	691.4
11/15/2022 02:00:00 AM	-2.437	24.892	74.554	63.372	0.836	691.4
11/15/2022 03:00:00 AM	-0.135	24.783	74.688	66.54	0.731	691.4
11/15/2022 04:00:00 AM	0.542	24.751	75.872	91.426	0.194	691.4
11/15/2022 05:00:00 AM	-0.406	24.658	76.775	134.712	0.506	691.4
11/15/2022 06:00:00 AM	0.812	24.692	77.176	160.715	0.233	691.4
11/15/2022 07:00:00 AM	109.408	25.626	74.551	127.807	0.414	691.4
11/15/2022 08:00:00 AM	311.84	29.732	59.686	174.8	0.2	691.4
11/15/2022 09:00:00 AM	495.044	30.093	59.627	179.668	0.201	691.4
11/15/2022 10:00:00 AM	625.305	32.512	52.571	131.653	0.202	691.4
11/15/2022 11:00:00 AM	654.959	32.258	50.461	97.326	0.535	691.4
11/15/2022 12:00:00 PM	750.556	33.775	44.832	350.049	0.626	691.4

11/15/2022 01:00:00 PM	367.221	33.982	43.275	172.418	0.206	691.4
11/15/2022 02:00:00 PM	259.98	32.009	50.651	230.402	2.147	691.4
11/15/2022 03:00:00 PM	140.687	31.827	50.056	140.783	0.495	691.4
11/15/2022 04:00:00 PM	75.015	29.717	60.857	63.3	0.499	691.4
11/15/2022 05:00:00 PM	-7.312	27.854	68.349	76.491	1.149	691.4
11/15/2022 06:00:00 PM	4.604	26.978	77.71	46.67	0.194	691.7
11/15/2022 07:00:00 PM	2.844	26.771	78.15	356.24	0.21	691.7
11/15/2022 08:00:00 PM	4.062	26.647	78.114	110.026	0.198	691.7
11/15/2022 09:00:00 PM	1.625	26.31	77.731	6.65	0.19	691.7
11/15/2022 10:00:00 PM	2.979	25.587	80.825	77.822	0.89	691.7
11/15/2022 11:00:00 PM	2.573	25.088	83.007	102.677	0.536	691.7
11/16/2022 12:00:00 AM	0.677	25.123	82.212	50.055	0.195	691.7
11/16/2022 01:00:00 AM	2.166	25.15	80.942	356.268	0.548	691.7
11/16/2022 02:00:00 AM	2.708	24.853	81.791	241.024	0.203	691.7
11/16/2022 03:00:00 AM	2.437	24.547	82.789	130.644	1.852	691.7
11/16/2022 04:00:00 AM	2.708	24.748	84.017	131.681	0.636	691.7
11/16/2022 05:00:00 AM	2.979	24.79	85.001	179.042	0.202	691.7
11/16/2022 06:00:00 AM	1.896	24.765	86.667	80.757	0.198	691.7
11/16/2022 07:00:00 AM	41.028	25.092	85.462	100.167	0.196	691.7
11/16/2022 08:00:00 AM	95.19	25.543	82.692	7.74	0.96	691.7
11/16/2022 09:00:00 AM	184.152	25.753	84.223	324.954	0.48	691.7
11/16/2022 10:00:00 AM	186.048	25.768	85.123	102.946	0.2	691.8
11/16/2022 11:00:00 AM	360.993	26.308	84.503	157.12	0.433	691.9
11/16/2022 12:00:00 PM	177.247	26.268	83.616	331.302	0.428	692
11/16/2022 01:00:00 PM	209.067	26.371	81.932	107.398	0.196	692.1
11/16/2022 02:00:00 PM	251.449	25.969	86.338	154.821	0.199	692.2
11/16/2022 03:00:00 PM	55.652	25.865	84.582	324.016	0.207	692.2
11/16/2022 04:00:00 PM	41.705	25.166	87.995	149.884	0.861	692.2
11/16/2022 05:00:00 PM	6.364	25.127	87.812	92.154	0.606	692.2
11/16/2022 06:00:00 PM	-0.271	24.91	90.941	188.474	0.197	692.3
11/16/2022 07:00:00 PM	0.406	25.121	90.401	165.804	0.607	692.3
11/16/2022 08:00:00 PM	3.25	25.312	89.778	120.437	1.264	692.3
11/16/2022 09:00:00 PM	3.385	25.433	89.662	68.508	0.197	692.3
11/16/2022 10:00:00 PM	1.354	25.137	88.933	130.59	0.198	692.3
11/16/2022 11:00:00 PM	-1.76	24.868	89.544	54.074	0.198	692.3
11/17/2022 12:00:00 AM	-0.135	24.676	90.055	101.479	0.199	692.3
11/17/2022 01:00:00 AM	0.812	24.307	88.892	258.48	0.767	692.3
11/17/2022 02:00:00 AM	-0.542	23.937	88.265	276.54	0.204	692.3
11/17/2022 03:00:00 AM	-0.406	24.217	86.38	294.045	0.204	692.3
11/17/2022 04:00:00 AM	0.948	23.688	87.021	276.725	0.201	692.3
11/17/2022 05:00:00 AM	2.979	23.845	85.775	147.223	0.574	692.3
11/17/2022 06:00:00 AM	0	23.556	86.827	259.011	0.384	692.3
11/17/2022 07:00:00 AM	80.025	23.878	85.008	271.554	0.452	692.3
11/17/2022 08:00:00 AM	268.646	26.256	74.028	239.145	1.012	692.3
11/17/2022 09:00:00 AM	491.93	28.814	64.459	250.644	2.228	692.3
11/17/2022 10:00:00 AM	341.629	29.971	59.326	249.203	1.535	692.3
11/17/2022 11:00:00 AM	254.699	30.535	59.608	165.132	0.406	692.3
11/17/2022 12:00:00 PM	284.353	31.299	57.84	32.059	0.558	692.3
11/17/2022 01:00:00 PM	520.772	32.73	53.631	52.096	0.434	692.3
11/17/2022 02:00:00 PM	295.727	31.781	59.051	107.972	0.199	692.3

11/17/2022 03:00:00 PM	346.504	31.747	59.752	132.337	0.201	692.3
11/17/2022 04:00:00 PM	70.547	30.35	62.169	134.873	0.199	692.3
11/17/2022 05:00:00 PM	3.25	27.485	74.955	156.081	0.201	692.3
11/17/2022 06:00:00 PM	0	25.8	82.318	314.925	0.203	692.3
11/17/2022 07:00:00 PM	0.542	25.515	84.478	186.523	0.201	692.3
11/17/2022 08:00:00 PM	0.271	25.178	85.337	44.297	0.584	692.3
11/17/2022 09:00:00 PM	0.406	25.097	85.998	350.371	0.207	692.3
11/17/2022 10:00:00 PM	0.135	25.146	84.897	261.459	0.203	692.3
11/17/2022 11:00:00 PM	1.219	24.942	85.216	98.336	0.819	692.3
11/18/2022 12:00:00 AM	1.083	25.416	83.375	49.944	0.679	692.3
11/18/2022 01:00:00 AM	0.677	25.366	83.73	148.756	0.849	692.3
11/18/2022 02:00:00 AM	0.135	25.569	83.006	168.325	0.198	692.3
11/18/2022 03:00:00 AM	0.406	25.328	84.371	105.587	0.194	692.3
11/18/2022 04:00:00 AM	1.083	25.323	84.729	70.015	0.19	692.3
11/18/2022 05:00:00 AM	0.271	24.581	86.362	126.064	0.202	692.3
11/18/2022 06:00:00 AM	2.437	24.167	87.141	251.914	1.22	692.3
11/18/2022 07:00:00 AM	75.827	24.63	84.126	156.523	0.198	692.3
11/18/2022 08:00:00 AM	404.593	28.085	69.207	202.401	0.308	692.3
11/18/2022 09:00:00 AM	640.335	29.652	66.692	127.532	0.591	692.3
11/18/2022 10:00:00 AM	313.194	30.164	64.407	130.927	1.242	692.3
11/18/2022 11:00:00 AM	451.715	31.172	61.257	31.046	0.198	692.3
11/18/2022 12:00:00 PM	341.629	31.703	60.083	96.577	0.214	692.3
11/18/2022 01:00:00 PM	790.5	30.289	63.623	185.479	1.065	692.3
11/18/2022 02:00:00 PM	205.546	29.155	68.2	141.705	0.203	692.3
11/18/2022 03:00:00 PM	378.054	28.968	68.323	202.042	0.767	692.3
11/18/2022 04:00:00 PM	68.786	27.825	73.036	112.067	0.913	692.3
11/18/2022 05:00:00 PM	9.208	27.076	75.436	33.439	0.578	692.3
11/18/2022 06:00:00 PM	0.948	26.698	78.192	79.518	1.313	692.3
11/18/2022 07:00:00 PM	3.25	26.604	79.194	110.646	0.338	692.3
11/18/2022 08:00:00 PM	2.031	26.631	79.778	136.449	0.608	692.3
11/18/2022 09:00:00 PM	3.656	26.457	80.299	163.542	1.546	692.3
11/18/2022 10:00:00 PM	1.76	26.509	79.215	85.822	0.2	692.3
11/18/2022 11:00:00 PM	2.302	26.48	78.895	143.579	0.419	692.3
11/19/2022 12:00:00 AM	2.302	26.359	79.535	97.027	0.199	692.3
11/19/2022 01:00:00 AM	2.573	26.125	78.228	291.94	0.624	692.3
11/19/2022 02:00:00 AM	3.25	25.931	80.778	122.63	0.656	692.3
11/19/2022 03:00:00 AM	1.083	25.778	80.277	133.988	0.816	692.3
11/19/2022 04:00:00 AM	2.166	25.732	80.835	170.243	0.245	692.3
11/19/2022 05:00:00 AM	0.948	25.78	79.632	131.853	0.904	692.3
11/19/2022 06:00:00 AM	0.677	25.614	80.295	351.033	0.207	692.3
11/19/2022 07:00:00 AM	42.247	26.368	76.179	79.162	0.197	692.3
11/19/2022 08:00:00 AM	328.766	28.916	67.421	287.155	0.425	692.3
11/19/2022 09:00:00 AM	508.314	30.523	60.012	69.261	0.2	692.3
11/19/2022 10:00:00 AM	439.393	31.263	59.457	77.339	0.411	692.3
11/19/2022 11:00:00 AM	314.548	30.645	62.246	66.466	0.2	692.3
11/19/2022 12:00:00 PM	767.481	30.462	62.73	137.637	0.206	692.3
11/19/2022 01:00:00 PM	781.022	30.511	62.065	123.361	0.201	692.3
11/19/2022 02:00:00 PM	566.539	31.401	58.251	286.948	0.404	692.3
11/19/2022 03:00:00 PM	266.885	29.626	63.248	231.317	0.423	692.3
11/19/2022 04:00:00 PM	114.824	28.172	67.212	56.247	0.565	692.3

11/19/2022 05:00:00 PM	7.989	27.373	71.005	13.206	0.553	692.3
11/19/2022 06:00:00 PM	0.406	27.13	72.249	168.991	0.198	692.3
11/19/2022 07:00:00 PM	-0.135	26.706	73.896	175.916	0.199	692.3
11/19/2022 08:00:00 PM	-0.677	26.539	74.519	64.03	0.196	692.3
11/19/2022 09:00:00 PM	2.031	26.288	75.679	213.264	0.201	692.3
11/19/2022 10:00:00 PM	-0.135	26.089	75.662	54.646	1.23	692.3
11/19/2022 11:00:00 PM	0.948	26.139	74.499	335.008	0.683	692.3
11/20/2022 12:00:00 AM	-0.542	25.709	77.869	78.244	0.633	692.3
11/20/2022 01:00:00 AM	0.677	26.001	76.42	245.124	0.204	692.3
11/20/2022 02:00:00 AM	0.271	25.896	77.446	70.594	0.199	692.3
11/20/2022 03:00:00 AM	0.135	25.78	78.409	126.516	0.198	692.3
11/20/2022 04:00:00 AM	2.573	25.983	79.161	104.57	0.197	692.3
11/20/2022 05:00:00 AM	1.625	26.039	78.652	105.856	0.196	692.3
11/20/2022 06:00:00 AM	3.521	25.884	79.956	118.116	1.01	692.3
11/20/2022 07:00:00 AM	12.187	26.068	78.794	246.087	0.656	692.3
11/20/2022 08:00:00 AM	59.308	25.968	81.464	187.42	0.197	692.3
11/20/2022 09:00:00 AM	226.534	27.351	75.008	261.391	0.207	692.3
11/20/2022 10:00:00 AM	257.407	28.414	69.437	134.084	0.637	692.3
11/20/2022 11:00:00 AM	102.367	27.892	70.502	103.019	0.193	692.3
11/20/2022 12:00:00 PM	136.218	27.584	72.267	38.34	0.607	692.3
11/20/2022 01:00:00 PM	81.108	27.065	74.977	242.106	0.475	692.3
11/20/2022 02:00:00 PM	89.233	27.371	67.76	157.634	0.974	692.3
11/20/2022 03:00:00 PM	130.125	27.396	68.066	46.52	0.999	692.3
11/20/2022 04:00:00 PM	76.64	27.061	68.251	109.403	1.093	692.3
11/20/2022 05:00:00 PM	9.614	26.835	68.422	321.468	0.206	692.3
11/20/2022 06:00:00 PM	2.166	26.627	71.398	76.831	0.198	692.3
11/20/2022 07:00:00 PM	0.406	26.405	71.46	57.76	0.363	692.3
11/20/2022 08:00:00 PM	0.948	26.099	73.788	135.138	1.003	692.3
11/20/2022 09:00:00 PM	1.354	25.983	74.671	132.421	0.538	692.3
11/20/2022 10:00:00 PM	1.76	26.277	73.686	117.694	0.198	692.3
11/20/2022 11:00:00 PM	1.219	26.574	74.068	140.513	0.62	692.3
11/21/2022 12:00:00 AM	3.25	26.598	72.039	30.097	0.868	692.3
11/21/2022 01:00:00 AM	0.406	25.945	75.977	153.608	0.509	692.3
11/21/2022 02:00:00 AM	3.791	25.81	78.007	51.722	1.053	692.3
11/21/2022 03:00:00 AM	0.406	24.984	84.575	226.064	0.916	692.3
11/21/2022 04:00:00 AM	2.302	25.27	76.962	86.033	0.195	692.3
11/21/2022 05:00:00 AM	2.979	25.109	80.634	136.899	1.07	692.3
11/21/2022 06:00:00 AM	2.979	25.066	84.456	120.897	0.954	692.3
11/21/2022 07:00:00 AM	27.352	25.162	84.498	205.727	0.201	692.3
11/21/2022 08:00:00 AM	157.613	25.711	80.194	64.09	0.197	692.3
11/21/2022 09:00:00 AM	298.435	26.976	71.902	119.994	0.728	692.3
11/21/2022 10:00:00 AM	499.919	27.34	71.423	76.845	0.416	692.3
11/21/2022 11:00:00 AM	126.334	26.806	72.354	153.04	0.86	692.3
11/21/2022 12:00:00 PM	237.231	27.187	69.554	184.664	0.66	692.3
11/21/2022 01:00:00 PM	289.634	28.082	65.017	34.023	0.755	692.3
11/21/2022 02:00:00 PM	220.847	27.716	67.693	103.121	1.768	692.3
11/21/2022 03:00:00 PM	495.722	27.938	66.79	76.903	0.821	692.3
11/21/2022 04:00:00 PM	110.356	27.496	68.914	123.487	0.742	692.3
11/21/2022 05:00:00 PM	6.77	26.831	71.93	132.726	0.253	692.3
11/21/2022 06:00:00 PM	3.656	26.208	75.611	164.204	0.578	692.3

11/21/2022 07:00:00 PM	3.25	26.163	75.881	199.333	0.622	692.3
11/21/2022 08:00:00 PM	3.25	26.214	75.517	140.82	0.746	692.3
11/21/2022 09:00:00 PM	3.927	26.239	75.714	89.223	0.199	692.3
11/21/2022 10:00:00 PM	2.979	26.26	76.258	106.308	0.257	692.3
11/21/2022 11:00:00 PM	1.354	25.727	79.53	230.924	0.2	692.3
11/22/2022 12:00:00 AM	2.979	25.539	81.661	104.112	0.198	692.3
11/22/2022 01:00:00 AM	2.573	25.563	82.422	166.725	0.2	692.3
11/22/2022 02:00:00 AM	4.468	25.808	81.842	176.024	0.198	692.3
11/22/2022 03:00:00 AM	4.333	25.824	82.163	132.553	1.152	692.3
11/22/2022 04:00:00 AM	2.166	25.849	81.685	80.439	1.157	692.3
11/22/2022 05:00:00 AM	3.656	25.663	82.885	86.287	0.21	692.3
11/22/2022 06:00:00 AM	4.333	25.62	83.126	119.686	0.422	692.3
11/22/2022 07:00:00 AM	48.475	25.75	83.768	87.225	0.196	692.3
11/22/2022 08:00:00 AM	262.011	28.094	74.558	27.672	0.234	692.3
11/22/2022 09:00:00 AM	666.875	31.01	63.168	194.71	0.208	692.3
11/22/2022 10:00:00 AM	960.164	32.946	54.38	197.116	0.206	692.3
11/22/2022 11:00:00 AM	334.724	33.137	52.56	138.962	0.203	692.3
11/22/2022 12:00:00 PM	954.477	33.447	53.049	327.985	0.213	692.3
11/22/2022 01:00:00 PM	307.372	32.277	56.498	4.977	0.866	692.3
11/22/2022 02:00:00 PM	262.417	31.405	56.788	131.059	0.234	692.3
11/22/2022 03:00:00 PM	175.892	30.717	60.162	251.707	2.437	692.3
11/22/2022 04:00:00 PM	62.151	28.934	68.656	64.736	0.357	692.3
11/22/2022 05:00:00 PM	6.229	28.267	72.185	234.048	0.206	692.3
11/22/2022 06:00:00 PM	2.844	27.555	76.023	13.956	0.193	692.3
11/22/2022 07:00:00 PM	2.979	27.302	76.925	56.523	0.195	692.3
11/22/2022 08:00:00 PM	3.385	27.78	75.779	0.967	0.182	692.3
11/22/2022 09:00:00 PM	1.896	27.235	77.968	132.252	0.525	692.3
11/22/2022 10:00:00 PM	1.76	26.795	81.083	56.907	0.194	692.3
11/22/2022 11:00:00 PM	2.031	26.502	82.345	252.619	0.203	692.3
11/23/2022 12:00:00 AM	0.406	26.394	82.185	129.226	0.196	692.3
11/23/2022 01:00:00 AM	2.573	26.1	84.536	266.79	0.363	692.3
11/23/2022 02:00:00 AM	-2.031	26.391	84.375	215.095	0.198	692.4
11/23/2022 03:00:00 AM	4.333	25.884	87.812	160.051	0.199	692.4
11/23/2022 04:00:00 AM	1.896	25.755	88.059	136.825	0.199	692.9
11/23/2022 05:00:00 AM	1.354	25.027	89.116	119.642	0.196	693.4
11/23/2022 06:00:00 AM	1.76	24.773	91.243	222.93	0.2	694
11/23/2022 07:00:00 AM	8.937	24.555	92.198	93.671	0.196	694.8
11/23/2022 08:00:00 AM	65.537	24.432	92.116	55.38	0.557	696.1
11/23/2022 09:00:00 AM	166.685	24.616	89.77	13.489	0.705	696.8
11/23/2022 10:00:00 AM	130.938	24.08	86.956	211.102	0.202	697
11/23/2022 11:00:00 AM	164.654	24.119	84.111	97.58	0.197	697.1
11/23/2022 12:00:00 PM	183.746	24.139	80.909	315.025	0.205	697.1
11/23/2022 01:00:00 PM	123.084	23.639	84.224	139.01	1.033	697.2
11/23/2022 02:00:00 PM	78.942	23.153	86.07	52.311	0.197	697.2
11/23/2022 03:00:00 PM	72.036	23.242	84.443	130.473	0.6	697.2
11/23/2022 04:00:00 PM	17.332	22.704	84.042	123.196	0.924	697.2
11/23/2022 05:00:00 PM	2.844	22.257	88.341	107.656	0.905	697.5
11/23/2022 06:00:00 PM	1.083	22.213	89.61	302.237	0.205	698.2
11/23/2022 07:00:00 PM	5.145	22.559	84.804	22.611	0.191	698.2
11/23/2022 08:00:00 PM	3.521	22.489	87.277	93.279	0.861	698.2

11/23/2022 09:00:00 PM	4.333	22.75	86.827	144.356	0.194	698.3
11/23/2022 10:00:00 PM	2.573	22.922	88.599	92.177	0.194	698.6
11/23/2022 11:00:00 PM	2.979	22.894	88.828	103.289	0.468	698.8
11/24/2022 12:00:00 AM	3.25	22.748	90.246	25.021	0.431	699.4
11/24/2022 01:00:00 AM	2.031	22.746	91.333	251.199	0.201	700
11/24/2022 02:00:00 AM	2.573	22.676	90.878	103.509	0.194	700.3
11/24/2022 03:00:00 AM	1.625	22.632	90.166	128.82	0.686	700.4
11/24/2022 04:00:00 AM	1.896	22.446	91.229	137.552	1.32	701.2
11/24/2022 05:00:00 AM	2.708	22.418	90.816	80.429	0.724	701.8
11/24/2022 06:00:00 AM	3.25	22.234	91.932	119.82	0.604	703.1
11/24/2022 07:00:00 AM	33.987	22.16	93.8	111.603	0.791	707.2
11/24/2022 08:00:00 AM	47.934	22.931	92.699	110.323	0.702	708.7
11/24/2022 09:00:00 AM	23.019	22.913	89.099	210.711	0.201	708.8
11/24/2022 10:00:00 AM	110.898	22.651	92.698	47.449	0.19	712.7
11/24/2022 11:00:00 AM	141.77	22.677	90.354	58.924	0.19	715.8
11/24/2022 12:00:00 PM	105.481	23.085	88.247	138.51	0.54	716
11/24/2022 01:00:00 PM	131.344	22.986	90.85	163.105	1.184	716.7
11/24/2022 02:00:00 PM	104.669	22.887	90.309	316.789	0.425	717.4
11/24/2022 03:00:00 PM	69.057	23.215	89.004	31.616	0.836	718.6
11/24/2022 04:00:00 PM	38.862	23.094	89.863	197.669	0.515	718.7
11/24/2022 05:00:00 PM	3.385	22.717	91.429	198.628	0.196	721
11/24/2022 06:00:00 PM	4.468	22.794	92.536	118.334	0.557	722.4
11/24/2022 07:00:00 PM	4.198	22.803	91.791	38.269	0.191	722.9
11/24/2022 08:00:00 PM	2.844	22.567	93.277	140.535	0.933	724.7
11/24/2022 09:00:00 PM	1.354	23.045	91.629	79.839	0.512	724.9
11/24/2022 10:00:00 PM	1.625	22.674	93.746	64.998	0.855	733.9
11/24/2022 11:00:00 PM	2.302	22.523	95.607	226.296	0.2	745.2
11/25/2022 12:00:00 AM	2.302	22.63	96.131	49.666	0.192	752.7
11/25/2022 01:00:00 AM	3.791	22.671	96.735	164.84	0.549	757.9
11/25/2022 02:00:00 AM	4.062	22.619	97.317	189.508	1.453	763.6
11/25/2022 03:00:00 AM	3.927	22.744	97.215	252.973	0.51	765.6
11/25/2022 04:00:00 AM	3.927	22.674	97.092	140.476	0.59	765.9
11/25/2022 05:00:00 AM	4.333	22.989	96.703	177.407	0.195	766.1
11/25/2022 06:00:00 AM	4.198	23.031	96.206	109.836	0.714	766.2
11/25/2022 07:00:00 AM	19.498	23.296	95.203	51.042	0.525	766.2
11/25/2022 08:00:00 AM	47.121	23.811	94.079	140.617	0.33	766.2
11/25/2022 09:00:00 AM	169.258	24.421	93.578	112.219	0.899	766.2
11/25/2022 10:00:00 AM	333.641	25.232	88.712	41.498	0.464	766.2
11/25/2022 11:00:00 AM	302.768	26.559	82.273	37.608	0.194	766.2
11/25/2022 12:00:00 PM	183.611	27.38	79.1	229.531	0.208	766.2
11/25/2022 01:00:00 PM	101.419	25.978	85.452	248.415	0.202	766.5
11/25/2022 02:00:00 PM	114.554	25.77	87.61	91.858	0.195	766.5
11/25/2022 03:00:00 PM	42.111	25.558	88.496	344.384	1.178	766.5
11/25/2022 04:00:00 PM	19.498	24.427	91.148	351.857	0.68	766.7
11/25/2022 05:00:00 PM	2.979	24.112	94.164	232.964	0.201	766.8
11/25/2022 06:00:00 PM	3.25	24.062	94.577	109.618	0.715	767.6
11/25/2022 07:00:00 PM	2.302	23.819	95.247	115.877	0.193	768.4
11/25/2022 08:00:00 PM	2.979	23.412	95.609	177.609	0.197	768.7
11/25/2022 09:00:00 PM	4.739	23.369	95.909	260.819	0.2	770.6
11/25/2022 10:00:00 PM	2.166	23.227	96.391	124.911	0.193	774.4

11/25/2022 11:00:00 PM	3.521	22.816	92.735	256.236	1.888	775.5
11/26/2022 12:00:00 AM	5.822	22.389	87.952	253.137	1.298	775.7
11/26/2022 01:00:00 AM	5.687	22.787	84.937	15.457	0.189	775.7
11/26/2022 02:00:00 AM	3.927	22.623	88.031	140.635	0.2	775.7
11/26/2022 03:00:00 AM	3.385	22.796	88.756	204.996	0.198	775.7
11/26/2022 04:00:00 AM	2.166	22.814	90.221	93.138	0.192	775.7
11/26/2022 05:00:00 AM	3.25	22.884	90.258	246.808	0.797	775.7
11/26/2022 06:00:00 AM	3.927	23.263	91.142	335.92	0.202	775.7
11/26/2022 07:00:00 AM	7.718	23.211	91.025	238.417	1.225	775.7
11/26/2022 08:00:00 AM	25.998	23.349	90.561	266.189	0.201	775.7
11/26/2022 09:00:00 AM	44.684	23.421	90.968	227.745	0.204	775.9
11/26/2022 10:00:00 AM	129.313	24.488	87.131	297.856	0.201	775.9
11/26/2022 11:00:00 AM	135.541	24.488	84.819	242.178	0.74	775.9
11/26/2022 12:00:00 PM	175.08	25.297	79.79	344.262	0.204	775.9
11/26/2022 01:00:00 PM	174.538	24.621	78.715	94.616	0.195	775.9
11/26/2022 02:00:00 PM	139.468	24.264	78.13	187.886	1.946	775.9
11/26/2022 03:00:00 PM	67.838	24.566	75.918	91.626	0.206	775.9
11/26/2022 04:00:00 PM	28.435	24.168	75.319	121.281	0.448	775.9
11/26/2022 05:00:00 PM	6.906	23.914	77.566	138.616	1.452	775.9
11/26/2022 06:00:00 PM	2.573	23.789	77.827	183.895	0.198	775.9
11/26/2022 07:00:00 PM	2.031	23.755	77.526	61.224	0.706	775.9
11/26/2022 08:00:00 PM	4.875	23.607	79.938	180.759	0.894	775.9
11/26/2022 09:00:00 PM	1.219	23.592	79.608	113.839	0.196	775.9
11/26/2022 10:00:00 PM	0.677	23.325	80.978	183.208	0.576	775.9
11/26/2022 11:00:00 PM	2.844	23.384	81.803	220.928	0.739	775.9
11/27/2022 12:00:00 AM	3.927	23.662	81.701	169.723	1.447	775.9
11/27/2022 01:00:00 AM	4.468	23.727	82.809	32.266	0.196	775.9
11/27/2022 02:00:00 AM	3.385	23.724	84.793	71.571	0.502	775.9
11/27/2022 03:00:00 AM	3.791	23.733	84.556	48.959	0.709	775.9
11/27/2022 04:00:00 AM	1.76	23.586	85.987	129.616	0.796	775.9
11/27/2022 05:00:00 AM	2.437	23.621	83.521	84.564	0.194	775.9
11/27/2022 06:00:00 AM	1.896	23.194	83.409	99.173	0.194	775.9
11/27/2022 07:00:00 AM	28.029	24.164	77.021	45.808	0.576	775.9
11/27/2022 08:00:00 AM	158.154	25.698	70.722	168.178	0.951	775.9
11/27/2022 09:00:00 AM	270.406	27.834	61.967	63.763	0.786	775.9
11/27/2022 10:00:00 AM	326.464	28.513	60.185	88.688	1.596	775.9
11/27/2022 11:00:00 AM	216.108	28.466	59.818	133.016	1.161	775.9
11/27/2022 12:00:00 PM	321.996	29.455	57.156	156.688	0.799	775.9
11/27/2022 01:00:00 PM	222.066	31.684	50.25	98.177	0.695	775.9
11/27/2022 02:00:00 PM	536.614	30.846	54.815	32.533	0.198	775.9
11/27/2022 03:00:00 PM	364.242	30.977	54.535	162.697	0.504	775.9
11/27/2022 04:00:00 PM	42.111	29.62	57.718	105.282	0.496	775.9
11/27/2022 05:00:00 PM	5.01	27.839	67.533	87.463	0.194	775.9
11/27/2022 06:00:00 PM	1.76	27.58	69.16	189.488	0.2	775.9
11/27/2022 07:00:00 PM	1.354	27.021	73.196	18.307	0.194	775.9
11/27/2022 08:00:00 PM	3.114	26.335	75.486	122.054	0.197	775.9
11/27/2022 09:00:00 PM	0.948	25.921	78.314	128.823	0.198	775.9
11/27/2022 10:00:00 PM	0.948	25.359	79.962	107.024	0.377	775.9
11/27/2022 11:00:00 PM	1.489	25.018	82.595	226.477	0.469	775.9
11/28/2022 12:00:00 AM	-0.948	24.624	84.901	159.781	0.197	775.9

11/28/2022 01:00:00 AM	2.302	24.247	85.406	86.559	0.193	775.9
11/28/2022 02:00:00 AM	2.031	24.146	86.142	228.331	0.2	775.9
11/28/2022 03:00:00 AM	1.489	24.212	86.564	104.349	0.199	775.9
11/28/2022 04:00:00 AM	0.271	23.437	88.077	248.631	0.198	775.9
11/28/2022 05:00:00 AM	-0.677	23.472	88.475	97.7	0.194	775.9
11/28/2022 06:00:00 AM	0.812	23.402	88.297	298.809	0.202	775.9
11/28/2022 07:00:00 AM	73.39	24.22	86.413	92.813	0.196	775.9
11/28/2022 08:00:00 AM	100.065	27.095	68.861	321.717	0.66	775.9
11/28/2022 09:00:00 AM	347.316	27.827	68.627	164.683	0.203	775.9
11/28/2022 10:00:00 AM	618.535	32.084	55.225	103.908	0.201	775.9
11/28/2022 11:00:00 AM	691.383	34.094	49.937	60.503	0.2	775.9
11/28/2022 12:00:00 PM	706.82	35.128	44.981	185.751	1.001	775.9
11/28/2022 01:00:00 PM	660.24	34.73	42.663	271.924	2.126	775.9
11/28/2022 02:00:00 PM	568.976	35.241	47.972	162.512	0.203	775.9
11/28/2022 03:00:00 PM	323.62	33.628	52.361	103.469	0.198	775.9
11/28/2022 04:00:00 PM	94.107	31.908	56.225	329.57	0.209	775.9
11/28/2022 05:00:00 PM	8.395	30.418	60.872	9.085	0.191	775.9
11/28/2022 06:00:00 PM	0.948	29.012	65.996	191.707	0.2	775.9
11/28/2022 07:00:00 PM	0.135	28.427	68.346	105.294	0.196	775.9
11/28/2022 08:00:00 PM	-0.271	27.54	74.311	139.174	0.436	775.9
11/28/2022 09:00:00 PM	0.812	27.684	73.326	56.742	0.197	775.9
11/28/2022 10:00:00 PM	1.625	26.792	80.155	83.765	0.73	775.9
11/28/2022 11:00:00 PM	0.948	26.781	82.136	215.141	0.618	775.9
11/29/2022 12:00:00 AM	0.812	25.911	84.815	135.218	0.198	775.9
11/29/2022 01:00:00 AM	1.083	25.358	86.299	152.191	0.653	775.9
11/29/2022 02:00:00 AM	0.542	25.53	84.715	130.648	0.198	775.9
11/29/2022 03:00:00 AM	1.625	25.174	86.057	99.628	0.197	775.9
11/29/2022 04:00:00 AM	1.76	25.301	85.057	209.324	0.201	775.9
11/29/2022 05:00:00 AM	3.385	25.152	86.06	42.339	0.194	775.9
11/29/2022 06:00:00 AM	1.625	24.864	86.259	151.227	0.199	775.9
11/29/2022 07:00:00 AM	65.537	25.418	86.267	227.691	0.202	775.9
11/29/2022 08:00:00 AM	263.365	27.87	72.335	167.309	0.382	775.9
11/29/2022 09:00:00 AM	456.86	29.861	60.428	223.615	0.203	775.9
11/29/2022 10:00:00 AM	592.808	32.12	52.325	100.632	0.647	775.9
11/29/2022 11:00:00 AM	660.375	34.337	51.529	119.676	0.204	775.9
11/29/2022 12:00:00 PM	306.966	33.709	52.885	224.965	0.728	775.9
11/29/2022 01:00:00 PM	716.298	34.098	51.329	261.109	2.451	775.9
11/29/2022 02:00:00 PM	557.196	35.113	48.676	211.077	1.9	775.9
11/29/2022 03:00:00 PM	361.534	33.134	57.549	304.014	0.528	775.9
11/29/2022 04:00:00 PM	159.508	33.449	56.786	147.903	0.204	775.9
11/29/2022 05:00:00 PM	5.281	31.02	66.953	292.876	0.21	775.9
11/29/2022 06:00:00 PM	3.25	29.076	70.321	190.643	0.531	775.9
11/29/2022 07:00:00 PM	3.114	28.709	72.453	276.648	0.208	775.9
11/29/2022 08:00:00 PM	2.437	28.686	73.352	78.667	0.197	775.9
11/29/2022 09:00:00 PM	2.166	28.148	76.499	109.388	1.041	775.9
11/29/2022 10:00:00 PM	2.302	27.307	81.401	146.677	1.702	775.9
11/29/2022 11:00:00 PM	2.708	25.915	84.894	312.978	0.21	775.9
11/30/2022 12:00:00 AM	3.114	25.838	81.067	255.279	0.625	775.9
11/30/2022 01:00:00 AM	4.198	25.742	80.879	103.639	1.399	775.9
11/30/2022 02:00:00 AM	0.406	25.191	80.359	211.099	1.051	775.9

11/30/2022 03:00:00 AM	1.896	24.292	81.384	161.324	0.712	775.9
11/30/2022 04:00:00 AM	0.271	23.42	81.037	30.072	1.026	775.9
11/30/2022 05:00:00 AM	3.25	22.771	77.643	98.148	1.427	775.9
11/30/2022 06:00:00 AM	3.656	22.053	78.145	214.595	0.719	775.9
11/30/2022 07:00:00 AM	18.144	21.533	79.735	123.704	1.193	775.9
11/30/2022 08:00:00 AM	85.306	21.199	77.899	160.624	0.942	775.9
11/30/2022 09:00:00 AM	129.042	20.987	78.582	98.745	1.757	775.9
11/30/2022 10:00:00 AM	233.034	20.849	79.65	154.703	0.198	775.9
11/30/2022 11:00:00 AM	272.708	20.42	83.184	318.691	0.582	775.9
11/30/2022 12:00:00 PM	127.146	20.404	83.361	93.2	0.608	775.9
11/30/2022 01:00:00 PM	179.142	20.559	83.423	213.61	0.199	775.9
11/30/2022 02:00:00 PM	248.606	20.384	84.968	96.819	1.26	776
11/30/2022 03:00:00 PM	131.208	20.079	84.66	126.443	0.199	776
11/30/2022 04:00:00 PM	51.048	19.809	85.888	90.017	1.703	776
11/30/2022 05:00:00 PM	3.25	19.531	86.952	198.118	1.264	776
11/30/2022 06:00:00 PM	3.25	19.396	88.962	127.913	0.813	776.3
11/30/2022 07:00:00 PM	1.354	19.2	88.853	107.028	0.861	776.5
11/30/2022 08:00:00 PM	-0.135	19.306	85.623	43.963	0.543	776.8
11/30/2022 09:00:00 PM	1.354	19.102	88.014	141.272	0.674	776.9
11/30/2022 10:00:00 PM	1.083	18.822	90.526	354.481	0.205	777.3
11/30/2022 11:00:00 PM	3.521	19.334	89.293	77.881	0.196	777.4
12/1/2022 12:00:00 AM	1.083	19.048	90.403	47.469	0.194	777.6