

		Pyranometer [W/m ²]	Temperature [°C]	RH [%RH]	Wind Direction [angle]	Wind Speed [m/s]	Rain sensor [mm]
8/1/2022	12:00:00 AM	0.135	30.634	72.541	314.852	1.114	91.5
8/1/2022	01:00:00 AM	0.406	30.766	72.875	129.564	0.314	91.5
8/1/2022	02:00:00 AM	0.271	30.227	73.971	300.552	0.209	91.5
8/1/2022	03:00:00 AM	0.812	29.864	75.113	252.883	1.54	91.5
8/1/2022	04:00:00 AM	-0.135	29.644	75.076	215.866	0.828	91.5
8/1/2022	05:00:00 AM	0.677	29.535	76.334	4.69	0.188	91.5
8/1/2022	06:00:00 AM	38.726	29.458	76.537	237.522	0.208	91.5
8/1/2022	07:00:00 AM	255.24	32.043	68.475	14.547	0.537	91.5
8/1/2022	08:00:00 AM	494.097	33.723	59.129	225.776	1.554	91.5
8/1/2022	09:00:00 AM	696.664	35.917	50.983	288.147	0.47	91.5
8/1/2022	10:00:00 AM	851.839	37.864	47.071	113.22	0.209	91.5
8/1/2022	11:00:00 AM	988.329	38.677	44.647	250.943	1.576	91.5
8/1/2022	12:00:00 PM	247.522	37.66	47.322	245.924	3.871	91.5
8/1/2022	01:00:00 PM	86.254	31.485	68.61	238.126	0.208	95.4
8/1/2022	02:00:00 PM	93.295	29.271	78.971	74.164	0.198	105.6
8/1/2022	03:00:00 PM	376.835	29.946	74.475	133.667	0.204	105.7
8/1/2022	04:00:00 PM	237.773	33.017	64.86	128.984	0.417	105.7
8/1/2022	05:00:00 PM	180.767	33.784	63.394	159.531	0.681	105.7
8/1/2022	06:00:00 PM	34.258	33.765	63.01	249.51	0.54	105.7
8/1/2022	07:00:00 PM	0.812	32.917	62.93	278.201	1.161	105.7
8/1/2022	08:00:00 PM	0.271	32.545	67.763	254.494	0.477	105.7
8/1/2022	09:00:00 PM	-1.489	31.298	71.962	52.707	0.199	105.7
8/1/2022	10:00:00 PM	1.489	31.286	71.287	166.751	0.203	105.7
8/1/2022	11:00:00 PM	-0.135	30.811	73.339	222.656	0.376	105.7
8/2/2022	12:00:00 AM	0.135	30.603	71.155	217.513	0.894	105.7
8/2/2022	01:00:00 AM	0	29.89	72.394	269.805	0.838	105.7
8/2/2022	02:00:00 AM	-0.677	29.954	73.496	250.293	0.486	105.7
8/2/2022	03:00:00 AM	0	29.907	77.162	250.626	1.626	105.7
8/2/2022	04:00:00 AM	2.302	29.771	74.889	237.125	1.167	105.7
8/2/2022	05:00:00 AM	-1.083	29.458	76.797	241.504	1.059	105.7
8/2/2022	06:00:00 AM	23.019	29.535	76.535	205.767	1.446	105.7
8/2/2022	07:00:00 AM	112.793	30.075	75.294	279	0.209	105.7
8/2/2022	08:00:00 AM	126.198	31.402	69.758	120.627	0.208	105.7
8/2/2022	09:00:00 AM	19.228	30.724	75.314	199.056	0.909	105.7
8/2/2022	10:00:00 AM	247.522	26.76	93.079	131.723	0.204	132.5
8/2/2022	11:00:00 AM	544.468	29.589	82.889	275.753	1.49	133.5
8/2/2022	12:00:00 PM	52.131	28.776	85.851	126.337	0.2	134.1
8/2/2022	01:00:00 PM	54.027	28.26	90.59	207.633	0.202	137.2
8/2/2022	02:00:00 PM	51.996	28.449	89.347	243.623	0.206	137.8
8/2/2022	03:00:00 PM	121.73	28.984	85.129	14.139	0.195	137.9
8/2/2022	04:00:00 PM	212.452	29.821	78.524	162.766	0.359	137.9
8/2/2022	05:00:00 PM	103.044	29.966	77.497	42.173	0.201	137.9
8/2/2022	06:00:00 PM	31.414	29.615	78.599	96.383	0.661	137.9
8/2/2022	07:00:00 PM	0.135	29.173	79.494	269.313	0.206	137.9
8/2/2022	08:00:00 PM	0.812	28.947	81.351	148.711	0.202	137.9
8/2/2022	09:00:00 PM	-0.135	28.963	80.504	94.151	0.201	137.9
8/2/2022	10:00:00 PM	-0.271	28.791	80.784	110.596	0.202	137.9
8/2/2022	11:00:00 PM	0.406	28.552	83.862	210.983	0.203	137.9

8/3/2022	12:00:00 AM	-1.625	28.081	86.394	232.955	1.243	137.9
8/3/2022	01:00:00 AM	0.542	27.635	87.233	242.488	0.441	137.9
8/3/2022	02:00:00 AM	-0.948	27.463	87.755	246.406	1.097	137.9
8/3/2022	03:00:00 AM	-0.406	27.096	87.353	268.329	1.562	137.9
8/3/2022	04:00:00 AM	-0.406	27.266	86.468	132.731	0.202	137.9
8/3/2022	05:00:00 AM	0.677	27.212	86.145	123.1	0.195	137.9
8/3/2022	06:00:00 AM	48.34	27.193	84.78	110.419	1.062	137.9
8/3/2022	07:00:00 AM	301.82	31.182	67.911	4.65	0.188	137.9
8/3/2022	08:00:00 AM	521.99	32.567	62.228	251.237	1.137	137.9
8/3/2022	09:00:00 AM	712.913	34.447	50.784	143.323	0.494	137.9
8/3/2022	10:00:00 AM	874.317	36.029	47.03	141.257	0.778	137.9
8/3/2022	11:00:00 AM	1100.58	37.342	41.202	36.926	0.656	137.9
8/3/2022	12:00:00 PM	1118.318	37.316	41.941	145.443	0.203	137.9
8/3/2022	01:00:00 PM	100.471	35.261	53.512	68.604	0.201	137.9
8/3/2022	02:00:00 PM	137.573	35.369	52.832	181.708	0.209	137.9
8/3/2022	03:00:00 PM	170.07	34.44	56.623	176.78	0.205	137.9
8/3/2022	04:00:00 PM	502.627	34.758	56.38	164.055	1.035	137.9
8/3/2022	05:00:00 PM	47.528	34.276	53.046	20.086	0.556	137.9
8/3/2022	06:00:00 PM	22.071	33.24	57.015	115.155	0.202	137.9
8/3/2022	07:00:00 PM	-0.406	32.122	60.842	120.672	1.474	137.9
8/3/2022	08:00:00 PM	-0.406	31.796	62.753	151.68	0.202	137.9
8/3/2022	09:00:00 PM	1.219	31.617	64.042	159.755	1.012	137.9
8/3/2022	10:00:00 PM	0.542	31.724	63.897	127.426	0.2	137.9
8/3/2022	11:00:00 PM	0.677	30.901	66.67	207.271	0.208	137.9
8/4/2022	12:00:00 AM	0.542	30.128	70.485	215.916	0.556	137.9
8/4/2022	01:00:00 AM	0.948	29.35	74.789	226.134	0.845	137.9
8/4/2022	02:00:00 AM	2.844	29.324	74.46	230.6	0.476	137.9
8/4/2022	03:00:00 AM	3.114	29.401	73.755	252.991	0.707	137.9
8/4/2022	04:00:00 AM	2.302	29.113	75.255	239.732	0.208	137.9
8/4/2022	05:00:00 AM	2.302	29.261	75.138	73.582	0.194	137.9
8/4/2022	06:00:00 AM	33.716	29.435	74.923	286.504	0.208	137.9
8/4/2022	07:00:00 AM	203.244	31.158	67.538	97.564	0.202	137.9
8/4/2022	08:00:00 AM	323.62	33.287	61.685	168.721	0.202	137.9
8/4/2022	09:00:00 AM	193.495	33.42	61.815	92.726	0.202	137.9
8/4/2022	10:00:00 AM	906.543	37.353	48.772	118.634	0.204	137.9
8/4/2022	11:00:00 AM	1032.065	38.299	45.99	66.7	0.202	137.9
8/4/2022	12:00:00 PM	1168.96	39.532	40.742	21.405	0.201	137.9
8/4/2022	01:00:00 PM	295.862	37.364	51.723	84.563	0.387	137.9
8/4/2022	02:00:00 PM	936.874	38.331	49.099	81.13	0.204	137.9
8/4/2022	03:00:00 PM	5.145	31.835	72.284	125.358	0.496	138.1
8/4/2022	04:00:00 PM	93.972	30.972	82.023	122.569	0.204	145.8
8/4/2022	05:00:00 PM	68.786	32.223	75.643	143.222	0.203	145.8
8/4/2022	06:00:00 PM	20.853	32.767	61.193	45.795	0.201	145.8
8/4/2022	07:00:00 PM	0.135	32.201	64.264	134.479	0.879	145.8
8/4/2022	08:00:00 PM	0.135	30.57	80.813	247.92	0.531	145.8
8/4/2022	09:00:00 PM	-0.677	30.218	81.288	205.318	0.207	145.8
8/4/2022	10:00:00 PM	-0.812	29.967	81.607	227.785	1.22	145.8
8/4/2022	11:00:00 PM	-0.542	29.668	80.651	194.286	0.783	145.8
8/5/2022	12:00:00 AM	-0.135	29.142	82.455	304.288	0.766	145.8
8/5/2022	01:00:00 AM	-1.354	29.446	79.504	267.864	0.521	145.8

8/5/2022	02:00:00 AM	-0.948	28.923	82.398	179.975	0.204	145.8
8/5/2022	03:00:00 AM	-0.271	28.744	81.972	185.375	0.204	145.8
8/5/2022	04:00:00 AM	0.677	28.41	83.637	213.944	1.133	145.8
8/5/2022	05:00:00 AM	0.677	28.588	82.418	94.776	0.2	145.8
8/5/2022	06:00:00 AM	71.63	29.247	78.779	354.287	0.213	145.8
8/5/2022	07:00:00 AM	225.993	29.881	75.045	319.236	0.206	145.8
8/5/2022	08:00:00 AM	482.587	34.222	60.277	30.22	0.195	145.8
8/5/2022	09:00:00 AM	718.329	35.614	51.801	81.302	0.203	145.8
8/5/2022	10:00:00 AM	875.129	38.006	45.306	215.014	1.537	145.8
8/5/2022	11:00:00 AM	985.35	38.119	42.711	286.174	0.212	145.8
8/5/2022	12:00:00 PM	421.384	37.516	43.713	78.969	1.209	145.8
8/5/2022	01:00:00 PM	368.304	36.428	50.574	120.792	0.944	145.8
8/5/2022	02:00:00 PM	221.931	36.665	52.043	106.897	0.204	145.8
8/5/2022	03:00:00 PM	71.901	34.592	59.64	26.714	0.199	145.8
8/5/2022	04:00:00 PM	76.64	34.148	60.721	250.089	1.303	145.8
8/5/2022	05:00:00 PM	152.738	34.073	60.832	105.157	0.225	145.8
8/5/2022	06:00:00 PM	28.029	33.502	63.659	150.119	0.201	145.8
8/5/2022	07:00:00 PM	-1.354	32.929	59.628	86.812	0.958	145.8
8/5/2022	08:00:00 PM	-0.812	31.875	72.665	227.176	1.208	145.8
8/5/2022	09:00:00 PM	0.948	31.399	74.27	225.955	1.12	145.8
8/5/2022	10:00:00 PM	-1.896	31.338	73.826	254.049	1.271	145.8
8/5/2022	11:00:00 PM	-0.542	30.518	73.763	250.797	0.579	145.8
8/6/2022	12:00:00 AM	0.135	29.776	76.579	166.27	0.203	145.8
8/6/2022	01:00:00 AM	0.406	29.716	76.19	272.001	1.901	145.8
8/6/2022	02:00:00 AM	0.542	29.062	78.599	261.963	2.159	145.8
8/6/2022	03:00:00 AM	-0.406	29.16	78.297	235.457	0.919	145.8
8/6/2022	04:00:00 AM	-1.219	28.917	78.258	222.68	1.204	145.8
8/6/2022	05:00:00 AM	1.354	28.714	79.28	13.254	0.194	145.8
8/6/2022	06:00:00 AM	59.985	28.929	77.313	236.075	0.533	145.8
8/6/2022	07:00:00 AM	303.039	31.479	66.662	222.713	0.205	145.8
8/6/2022	08:00:00 AM	460.787	34.605	55.37	2.048	0.187	145.8
8/6/2022	09:00:00 AM	737.828	37.002	47.79	178.322	0.208	145.8
8/6/2022	10:00:00 AM	886.368	37.827	42.772	128.698	0.204	145.8
8/6/2022	11:00:00 AM	976.278	38.548	42.473	77.416	0.627	145.8
8/6/2022	12:00:00 PM	1019.066	39.472	41.53	14.281	0.203	145.8
8/6/2022	01:00:00 PM	1036.127	40.284	39.049	244.37	0.21	145.8
8/6/2022	02:00:00 PM	205.276	39.204	41.771	259.957	0.763	145.8
8/6/2022	03:00:00 PM	280.29	37.478	39.77	180.214	0.68	145.8
8/6/2022	04:00:00 PM	508.314	37.458	44.186	193.878	0.363	145.8
8/6/2022	05:00:00 PM	91.67	35.898	46.007	40.153	0.204	145.8
8/6/2022	06:00:00 PM	18.415	34.626	49.234	166.067	0.587	145.8
8/6/2022	07:00:00 PM	-1.896	34.252	50.497	96.815	0.203	145.8
8/6/2022	08:00:00 PM	0.677	33.321	61.038	314.865	0.215	145.8
8/6/2022	09:00:00 PM	-0.677	32.484	63.849	145.365	0.204	145.8
8/6/2022	10:00:00 PM	-1.76	31.565	67.582	142.744	0.712	145.8
8/6/2022	11:00:00 PM	-0.542	31.313	69.638	158.839	0.364	145.8
8/7/2022	12:00:00 AM	-1.625	31.27	70.392	284.423	0.21	145.8
8/7/2022	01:00:00 AM	-1.896	30.504	73.06	289.918	1.057	145.8
8/7/2022	02:00:00 AM	-1.76	29.927	74.848	262.577	2.13	145.8
8/7/2022	03:00:00 AM	-0.948	29.779	74.625	283.123	1.472	145.8

8/7/2022	04:00:00 AM	-0.948	29.576	76.143	178.199	0.636	145.8
8/7/2022	05:00:00 AM	-1.219	29.347	76.917	218.126	1.033	145.8
8/7/2022	06:00:00 AM	34.664	29.514	75.25	251.918	1.799	145.8
8/7/2022	07:00:00 AM	283.946	30.954	68.862	153.794	1.289	145.8
8/7/2022	08:00:00 AM	527.542	34.286	57.22	67.244	0.202	145.8
8/7/2022	09:00:00 AM	144.343	37.309	46.93	122.127	0.208	145.8
8/7/2022	10:00:00 AM	913.314	37.386	44.994	346.891	0.874	145.8
8/7/2022	11:00:00 AM	919.813	38.163	42.133	149.78	0.444	145.8
8/7/2022	12:00:00 PM	879.598	37.571	41.769	109.584	1.989	145.8
8/7/2022	01:00:00 PM	837.622	37.24	42.312	105.663	0.711	145.8
8/7/2022	02:00:00 PM	935.385	37.429	42.408	59.774	1.153	145.8
8/7/2022	03:00:00 PM	744.462	37.461	42.748	116.027	1.407	145.8
8/7/2022	04:00:00 PM	240.887	35.919	47.883	93.884	1.175	145.8
8/7/2022	05:00:00 PM	45.632	35.234	50.915	172.022	1.493	145.8
8/7/2022	06:00:00 PM	20.311	33.896	56.385	108.706	0.433	145.8
8/7/2022	07:00:00 PM	1.083	33.281	59.694	116.897	1.84	145.8
8/7/2022	08:00:00 PM	1.083	33.045	60.666	65.851	0.202	145.8
8/7/2022	09:00:00 PM	1.76	32.491	68.633	296.001	0.675	145.8
8/7/2022	10:00:00 PM	-1.489	31.879	68.528	217.843	1.476	145.8
8/7/2022	11:00:00 PM	-0.271	31.331	68.414	156.371	0.218	145.8
8/8/2022	12:00:00 AM	-0.542	30.843	70.673	143.535	0.841	145.8
8/8/2022	01:00:00 AM	-0.406	29.932	74.774	249.687	2.588	145.8
8/8/2022	02:00:00 AM	-0.677	29.903	72.822	212.515	0.912	145.8
8/8/2022	03:00:00 AM	-1.76	29.826	72.949	263.074	2.621	145.8
8/8/2022	04:00:00 AM	-1.083	29.643	73.402	270.07	2.845	145.8
8/8/2022	05:00:00 AM	-1.489	28.957	74.645	192.653	0.684	145.8
8/8/2022	06:00:00 AM	36.695	29.16	74.849	218.615	0.205	145.8
8/8/2022	07:00:00 AM	269.593	31.364	66.605	230.028	1.355	145.8
8/8/2022	08:00:00 AM	507.773	34.18	57.085	123.156	0.865	145.8
8/8/2022	09:00:00 AM	723.745	35.924	53.857	187.047	0.208	145.8
8/8/2022	10:00:00 AM	905.46	37.784	46.854	355.198	0.219	145.8
8/8/2022	11:00:00 AM	996.453	38.243	43.565	119.962	0.724	145.8
8/8/2022	12:00:00 PM	1058.334	37.964	43.109	124.067	0.861	145.8
8/8/2022	01:00:00 PM	1008.504	40.271	39.508	255.927	1.554	145.8
8/8/2022	02:00:00 PM	971.809	40.46	38.771	138.695	0.207	145.8
8/8/2022	03:00:00 PM	661.594	39.032	43.241	128.782	2.324	145.8
8/8/2022	04:00:00 PM	86.795	35.16	55.231	123.919	0.725	145.8
8/8/2022	05:00:00 PM	74.338	34.519	57.6	81.312	1.364	145.8
8/8/2022	06:00:00 PM	24.373	33.595	60.017	66.887	0.743	145.8
8/8/2022	07:00:00 PM	-1.625	33.025	61.824	68.271	0.704	145.8
8/8/2022	08:00:00 PM	-1.76	32.978	61.624	113.573	1.466	145.8
8/8/2022	09:00:00 PM	0.677	32.668	61.505	110.08	0.203	145.8
8/8/2022	10:00:00 PM	-0.542	32.667	61.769	38.386	0.463	145.8
8/8/2022	11:00:00 PM	-0.135	32.421	61.1	80.731	0.551	145.8
8/9/2022	12:00:00 AM	-1.625	31.438	64.75	184.837	1.339	145.8
8/9/2022	01:00:00 AM	-1.76	30.887	67.842	204.043	0.397	145.8
8/9/2022	02:00:00 AM	0	30.747	68.455	265.082	2.382	145.8
8/9/2022	03:00:00 AM	-1.625	29.917	72.138	302.591	1.106	145.8
8/9/2022	04:00:00 AM	0	29.558	71.29	161.235	1.16	145.8
8/9/2022	05:00:00 AM	0.271	29.292	72.546	116.543	0.202	145.8

8/9/2022	06:00:00 AM	38.726	29.432	72.359	249.367	1.97	145.8
8/9/2022	07:00:00 AM	149.759	31.614	63.731	181.309	0.205	145.8
8/9/2022	08:00:00 AM	496.399	34.687	53.304	122.93	1.216	145.8
8/9/2022	09:00:00 AM	719.819	36.33	51.031	211.494	0.524	145.8
8/9/2022	10:00:00 AM	913.043	38.377	44.451	28.221	0.204	145.8
8/9/2022	11:00:00 AM	1102.611	37.843	44.165	41.288	0.578	145.8
8/9/2022	12:00:00 PM	1025.159	37.385	41.912	105.797	0.211	145.8
8/9/2022	01:00:00 PM	987.652	36.86	42.389	220.265	2.631	145.8
8/9/2022	02:00:00 PM	891.92	36.691	41.885	125.385	1.522	145.8
8/9/2022	03:00:00 PM	730.109	36.775	43.456	88.931	0.206	145.8
8/9/2022	04:00:00 PM	519.282	36.112	45.438	158.297	1.223	145.8
8/9/2022	05:00:00 PM	46.444	34.952	48.259	19.114	1.07	145.8
8/9/2022	06:00:00 PM	20.717	33.976	52.529	153.067	3.379	145.8
8/9/2022	07:00:00 PM	-2.302	33.23	56.715	119.891	0.205	145.8
8/9/2022	08:00:00 PM	1.76	32.624	60.698	76.848	0.204	145.8
8/9/2022	09:00:00 PM	1.76	32.783	59.454	110.86	1.07	145.8
8/9/2022	10:00:00 PM	0.948	32.506	59.777	303.962	0.567	145.8
8/9/2022	11:00:00 PM	1.489	31.849	63.369	159.391	0.205	145.8
8/10/2022	12:00:00 AM	-8.937	30.963	74.89	140.939	0.892	146
8/10/2022	01:00:00 AM	2.302	30.234	76.42	105.027	0.204	146.2
8/10/2022	02:00:00 AM	0.542	30.064	74.829	190.378	0.717	146.2
8/10/2022	03:00:00 AM	-0.406	29.862	76.303	237.663	0.205	146.2
8/10/2022	04:00:00 AM	-0.406	29.349	76.798	262.549	2.035	146.2
8/10/2022	05:00:00 AM	0.812	29.305	76.574	199.278	0.205	146.2
8/10/2022	06:00:00 AM	48.34	29.504	76.516	196.877	1.035	146.2
8/10/2022	07:00:00 AM	263.365	31.41	69.298	250.602	1.373	146.2
8/10/2022	08:00:00 AM	472.838	34.236	58.287	228.152	0.475	146.2
8/10/2022	09:00:00 AM	188.756	34.742	58.082	172.32	0.207	146.2
8/10/2022	10:00:00 AM	874.588	37.226	46.996	154.742	0.208	146.2
8/10/2022	11:00:00 AM	1077.426	38.691	39.107	348.85	0.214	146.2
8/10/2022	12:00:00 PM	182.798	36.664	50.76	128.299	0.205	146.2
8/10/2022	01:00:00 PM	206.765	34.909	55.834	24.697	0.71	146.2
8/10/2022	02:00:00 PM	430.862	35.685	52.808	138.459	0.957	146.2
8/10/2022	03:00:00 PM	379.543	35.163	56.861	144.909	0.209	146.2
8/10/2022	04:00:00 PM	154.092	35.416	56.879	213.197	0.21	146.2
8/10/2022	05:00:00 PM	97.628	35.175	56.241	67.509	0.2	146.2
8/10/2022	06:00:00 PM	34.664	34.165	59.999	247.539	1.226	146.2
8/10/2022	07:00:00 PM	-1.896	33.528	60.58	92.984	0.983	146.2
8/10/2022	08:00:00 PM	-2.166	32.754	60.835	91.569	0.487	146.2
8/10/2022	09:00:00 PM	-1.896	32.338	61.792	136.428	0.634	146.2
8/10/2022	10:00:00 PM	-1.083	32.325	61.118	249.333	0.21	146.2
8/10/2022	11:00:00 PM	-0.948	31.844	64.252	285.473	0.211	146.2
8/11/2022	12:00:00 AM	-2.573	30.777	70.393	272.08	0.728	146.2
8/11/2022	01:00:00 AM	0.271	30.374	71.257	155.798	0.209	146.2
8/11/2022	02:00:00 AM	0.135	29.89	72.602	262.932	1.302	146.2
8/11/2022	03:00:00 AM	0.948	29.611	73.105	233.025	0.955	146.2
8/11/2022	04:00:00 AM	0.135	29.508	73.914	263.799	1.159	146.2
8/11/2022	05:00:00 AM	2.979	29.723	73.618	227.57	1.337	146.2
8/11/2022	06:00:00 AM	54.704	29.604	75.031	246.239	1.131	146.2
8/11/2022	07:00:00 AM	108.866	30.55	70.576	279.967	0.209	146.2

8/11/2022 08:00:00 AM	477.983	33.07	63.731	265.398	0.205	146.2
8/11/2022 09:00:00 AM	751.774	36.157	54.495	224.041	0.21	146.2
8/11/2022 10:00:00 AM	282.322	33.822	62.092	144.376	0.203	146.2
8/11/2022 11:00:00 AM	408.385	34.472	57.778	229.852	0.49	146.2
8/11/2022 12:00:00 PM	1108.569	37.807	45.384	194.65	1.452	146.2
8/11/2022 01:00:00 PM	374.939	37.825	45.947	130.73	0.204	146.2
8/11/2022 02:00:00 PM	437.226	38.569	42.539	123.652	0.38	146.2
8/11/2022 03:00:00 PM	721.037	38.685	43.039	93.158	0.204	146.2
8/11/2022 04:00:00 PM	360.857	37.126	50.098	235.927	0.213	146.2
8/11/2022 05:00:00 PM	84.764	35.554	54.71	84.561	0.802	146.2
8/11/2022 06:00:00 PM	55.787	34.272	58.574	111.981	1.549	146.2
8/11/2022 07:00:00 PM	0.406	33.214	64.881	158.808	0.561	146.2
8/11/2022 08:00:00 PM	-1.625	32.649	67.829	72.234	0.444	146.2
8/11/2022 09:00:00 PM	-0.812	32.474	63.051	109.619	0.232	146.2
8/11/2022 10:00:00 PM	-0.948	31.986	64.533	261.857	0.796	146.2
8/11/2022 11:00:00 PM	-0.812	31.433	69.809	251.585	1.879	146.2
8/12/2022 12:00:00 AM	1.083	31.151	70.928	215.734	1.258	146.2
8/12/2022 01:00:00 AM	0.135	30.903	70.074	99.684	0.203	146.2
8/12/2022 02:00:00 AM	0.677	30.189	72.301	256.013	0.928	146.2
8/12/2022 03:00:00 AM	0	29.708	75.029	242.723	1.202	146.2
8/12/2022 04:00:00 AM	-0.135	29.565	75.231	196.911	1.177	146.2
8/12/2022 05:00:00 AM	-0.812	29.546	74.828	180.303	0.957	146.2
8/12/2022 06:00:00 AM	32.091	29.477	75.251	241.613	1.881	146.2
8/12/2022 07:00:00 AM	252.397	31.307	67.628	193.174	0.548	146.2
8/12/2022 08:00:00 AM	491.253	35.166	54.428	302.339	0.212	146.2
8/12/2022 09:00:00 AM	667.01	34.451	54.755	124.814	0.934	146.2
8/12/2022 10:00:00 AM	892.597	37.282	46.272	186.561	0.209	146.2
8/12/2022 11:00:00 AM	283.676	37.682	45.881	310.137	0.684	146.2
8/12/2022 12:00:00 PM	226.67	37.539	47.194	148.773	0.48	146.2
8/12/2022 01:00:00 PM	354.493	38.398	44.943	3.542	0.362	146.2
8/12/2022 02:00:00 PM	899.096	37.613	51.451	115.525	0.498	146.2
8/12/2022 03:00:00 PM	243.325	36.511	53.094	164.468	0.663	146.2
8/12/2022 04:00:00 PM	145.968	34.971	59.932	157.296	0.583	146.2
8/12/2022 05:00:00 PM	176.84	31.234	82.548	118.33	0.908	147.4
8/12/2022 06:00:00 PM	19.092	29.522	80.125	175.767	1.032	148.7
8/12/2022 07:00:00 PM	-1.219	30.783	77.606	132.368	0.2	148.7
8/12/2022 08:00:00 PM	-1.219	30.714	79.997	80.261	0.201	148.7
8/12/2022 09:00:00 PM	-1.354	30.347	80.393	131.605	0.203	148.7
8/12/2022 10:00:00 PM	-1.896	29.656	82.565	64.128	0.2	148.7
8/12/2022 11:00:00 PM	-0.542	29.57	82.565	130.652	0.507	148.7
8/13/2022 12:00:00 AM	-0.948	29.295	82.218	265.055	1.306	148.7
8/13/2022 01:00:00 AM	-0.271	29.053	81.398	250.616	1.467	148.7
8/13/2022 02:00:00 AM	0	29.081	80.284	162.758	0.205	148.7
8/13/2022 03:00:00 AM	-1.489	28.978	82.842	142.348	0.203	148.7
8/13/2022 04:00:00 AM	0.542	28.717	82.277	339.091	0.213	148.7
8/13/2022 05:00:00 AM	-1.219	28.509	81.674	193.699	0.205	148.7
8/13/2022 06:00:00 AM	39.945	28.756	83.288	259.921	1.076	148.7
8/13/2022 07:00:00 AM	257.542	31.486	71.641	232.195	0.316	148.7
8/13/2022 08:00:00 AM	497.482	33.232	63.402	325.57	0.214	148.7
8/13/2022 09:00:00 AM	708.715	36.344	49.882	205.183	0.295	148.7

8/13/2022 10:00:00 AM	868.359	37.052	45.926	245.926	0.539	148.7
8/13/2022 11:00:00 AM	973.84	38.868	38.965	344.219	0.215	148.7
8/13/2022 12:00:00 PM	1023.67	39.404	36.333	355.608	0.216	148.7
8/13/2022 01:00:00 PM	707.226	40.876	35.105	50.491	0.205	148.7
8/13/2022 02:00:00 PM	152.467	37.288	49.715	267.406	0.463	148.7
8/13/2022 03:00:00 PM	115.772	36.366	52.743	67.702	0.203	148.7
8/13/2022 04:00:00 PM	75.963	35.227	57.777	110.433	0.206	148.7
8/13/2022 05:00:00 PM	51.454	34.194	60.703	96.649	0.204	148.7
8/13/2022 06:00:00 PM	19.769	33.545	63.531	103.62	0.216	148.7
8/13/2022 07:00:00 PM	-0.677	33.145	66.259	142.965	0.612	148.7
8/13/2022 08:00:00 PM	0.542	32.917	62.613	143.458	0.42	148.7
8/13/2022 09:00:00 PM	-0.135	32.3	62.603	68.936	0.647	148.7
8/13/2022 10:00:00 PM	-0.948	32.176	64.19	82.048	0.2	148.7
8/13/2022 11:00:00 PM	-0.406	31.438	69.794	305.104	0.208	148.7
8/14/2022 12:00:00 AM	-1.625	30.502	73.321	206.873	0.471	148.7
8/14/2022 01:00:00 AM	0.677	30.169	74.75	282.526	2.473	148.7
8/14/2022 02:00:00 AM	1.354	30.135	75.111	252.782	2.57	148.7
8/14/2022 03:00:00 AM	1.219	30.245	73.685	261.223	0.424	148.7
8/14/2022 04:00:00 AM	0.948	30.13	76.354	5.669	0.192	148.7
8/14/2022 05:00:00 AM	-0.948	29.687	78.402	50.265	0.198	148.7
8/14/2022 06:00:00 AM	42.247	29.747	78.665	92.06	0.2	148.7
8/14/2022 07:00:00 AM	277.447	31.577	72.135	244.951	0.208	148.7
8/14/2022 08:00:00 AM	332.016	32.85	67.374	27.401	0.201	148.7
8/14/2022 09:00:00 AM	715.486	36.302	53.336	122.048	0.207	148.7
8/14/2022 10:00:00 AM	1017.306	38.974	45.166	41.23	0.208	148.7
8/14/2022 11:00:00 AM	936.604	38.266	45.458	340.632	0.216	148.7
8/14/2022 12:00:00 PM	292.071	37.413	51.712	128.514	0.208	148.7
8/14/2022 01:00:00 PM	1107.892	37.172	53.756	120.09	0.948	148.7
8/14/2022 02:00:00 PM	265.396	36.458	57.495	186.202	0.21	148.7
8/14/2022 03:00:00 PM	135	36.736	57.501	278.409	0.21	148.7
8/14/2022 04:00:00 PM	513.595	35.619	59.527	255.331	1.282	148.7
8/14/2022 05:00:00 PM	94.784	35.119	61.834	236.038	0.208	148.7
8/14/2022 06:00:00 PM	23.29	34.628	55.843	105.648	0.611	148.7
8/14/2022 07:00:00 PM	-1.625	33.435	59.494	151.444	0.206	148.7
8/14/2022 08:00:00 PM	-1.76	33.088	62.023	117.842	0.707	148.7
8/14/2022 09:00:00 PM	-0.135	32.937	62.104	110.219	0.89	148.7
8/14/2022 10:00:00 PM	-0.812	32.77	62.196	279.722	0.205	148.7
8/14/2022 11:00:00 PM	-0.948	32.802	61.997	99.865	1.477	148.7
8/15/2022 12:00:00 AM	-0.812	32.585	62.28	262.002	0.669	148.7
8/15/2022 01:00:00 AM	-1.489	31.093	68.944	226.623	0.904	148.7
8/15/2022 02:00:00 AM	0.406	30.6	71.756	240.092	1.117	148.7
8/15/2022 03:00:00 AM	1.625	29.905	74.273	284.752	0.662	148.7
8/15/2022 04:00:00 AM	0.677	30.363	71.262	281.953	1.26	148.7
8/15/2022 05:00:00 AM	-0.406	29.822	73.322	263.498	1.399	148.7
8/15/2022 06:00:00 AM	60.256	29.629	74.588	239.345	1.478	148.7
8/15/2022 07:00:00 AM	150.572	31.003	68.024	157.93	0.203	148.7
8/15/2022 08:00:00 AM	212.317	32.807	63.037	248.2	1.25	148.7
8/15/2022 09:00:00 AM	762.878	36.316	53.657	299.029	0.213	148.7
8/15/2022 10:00:00 AM	868.359	36.759	52.047	34.406	0.387	148.7
8/15/2022 11:00:00 AM	1154.607	38.438	45.964	275.979	0.62	148.7

8/15/2022	12:00:00 PM	166.549	36.255	55.111	3.045	0.192	148.7
8/15/2022	01:00:00 PM	286.384	36.682	53.128	91.681	0.206	148.7
8/15/2022	02:00:00 PM	88.42	35.297	57.455	196.739	0.21	148.9
8/15/2022	03:00:00 PM	268.916	34.056	71.24	199.761	1.186	148.9
8/15/2022	04:00:00 PM	512.918	35.798	62.422	36.032	0.203	148.9
8/15/2022	05:00:00 PM	103.45	35.128	56.228	63.523	0.206	148.9
8/15/2022	06:00:00 PM	21.394	34.026	59.134	39.054	0.202	148.9
8/15/2022	07:00:00 PM	-0.677	33.295	60.617	91.11	0.205	148.9
8/15/2022	08:00:00 PM	0	32.737	61.216	157.244	0.208	148.9
8/15/2022	09:00:00 PM	1.083	32.621	61.842	106.345	0.585	148.9
8/15/2022	10:00:00 PM	1.219	32.431	61.996	188.041	0.207	148.9
8/15/2022	11:00:00 PM	1.354	31.448	67.603	259.138	1.89	148.9
8/16/2022	12:00:00 AM	-0.677	31.383	67.723	222.607	0.397	148.9
8/16/2022	01:00:00 AM	0	30.959	70.494	229.318	1.995	148.9
8/16/2022	02:00:00 AM	2.437	30.738	70.842	131.607	0.681	148.9
8/16/2022	03:00:00 AM	1.083	30.195	74.218	238.006	2.072	148.9
8/16/2022	04:00:00 AM	0.406	30.282	74.877	255.263	1.118	148.9
8/16/2022	05:00:00 AM	1.083	30.121	74.97	35.464	0.201	148.9
8/16/2022	06:00:00 AM	32.497	30.211	74.89	262.46	1.345	148.9
8/16/2022	07:00:00 AM	147.186	31.253	71.18	164.104	0.443	148.9
8/16/2022	08:00:00 AM	312.111	33.237	64.465	248.398	1.995	148.9
8/16/2022	09:00:00 AM	745.817	35.446	56.322	199.86	0.339	148.9
8/16/2022	10:00:00 AM	875.536	37.794	49.634	127.778	0.207	148.9
8/16/2022	11:00:00 AM	357.607	37.31	50.199	141.416	0.438	148.9
8/16/2022	12:00:00 PM	383.876	37.813	49.819	215.21	0.586	148.9
8/16/2022	01:00:00 PM	85.577	36.275	55.368	31.899	0.202	148.9
8/16/2022	02:00:00 PM	210.286	32.888	71.289	25.309	0.887	149
8/16/2022	03:00:00 PM	111.71	33.165	72.13	220.545	0.208	149.2
8/16/2022	04:00:00 PM	80.837	32.541	74.034	176.679	0.859	149.2
8/16/2022	05:00:00 PM	83.004	32.559	77.977	212.011	0.583	149.3
8/16/2022	06:00:00 PM	14.759	33.061	63.811	185.784	0.365	149.3
8/16/2022	07:00:00 PM	-0.406	32.544	65.556	93.42	0.622	149.3
8/16/2022	08:00:00 PM	-1.489	32.202	65.561	114.75	0.472	149.3
8/16/2022	09:00:00 PM	-0.812	30.945	75.105	217.197	1.693	149.3
8/16/2022	10:00:00 PM	0	30.71	77.102	236.857	1.364	149.3
8/16/2022	11:00:00 PM	-1.083	30.292	78.51	252.167	1.395	149.3
8/17/2022	12:00:00 AM	-1.625	29.629	81.961	191.199	0.449	149.3
8/17/2022	01:00:00 AM	-0.406	30.166	77.887	163.675	0.245	149.3
8/17/2022	02:00:00 AM	0.812	30.026	78.304	198.795	0.754	149.3
8/17/2022	03:00:00 AM	0.406	29.585	80.029	188.292	0.725	149.3
8/17/2022	04:00:00 AM	-0.406	29.675	79.327	94.683	0.201	149.3
8/17/2022	05:00:00 AM	-1.625	29.752	78.359	205.149	0.204	149.3
8/17/2022	06:00:00 AM	32.362	29.77	78.777	105.255	0.533	149.3
8/17/2022	07:00:00 AM	238.992	32.077	69.577	130.103	0.207	149.3
8/17/2022	08:00:00 AM	537.833	34.055	61.904	102.785	0.664	149.3
8/17/2022	09:00:00 AM	738.911	36.998	52.581	325.684	0.216	149.3
8/17/2022	10:00:00 AM	472.025	37.592	48.292	4.727	0.807	149.3
8/17/2022	11:00:00 AM	1093.539	37.672	46.829	37.363	0.205	149.3
8/17/2022	12:00:00 PM	327.412	38.578	43.709	37.727	0.543	149.3
8/17/2022	01:00:00 PM	257.407	36.227	58.307	270.737	0.212	149.3

8/17/2022	02:00:00 PM	244.814	37.086	50.482	19.483	0.204	149.3
8/17/2022	03:00:00 PM	190.787	35.988	50.553	52.38	0.203	149.3
8/17/2022	04:00:00 PM	131.615	35.911	52.693	121.116	1.056	149.3
8/17/2022	05:00:00 PM	264.448	35.59	49.502	36.4	0.201	149.3
8/17/2022	06:00:00 PM	22.477	34.369	54.417	190.142	1.186	149.3
8/17/2022	07:00:00 PM	0.812	33.354	60.838	79.854	0.629	149.3
8/17/2022	08:00:00 PM	-1.625	32.905	62.181	95.177	0.808	149.3
8/17/2022	09:00:00 PM	-0.948	32.463	63.652	77.267	0.732	149.3
8/17/2022	10:00:00 PM	-1.76	32.58	63.166	99.083	0.595	149.3
8/17/2022	11:00:00 PM	-2.437	31.22	70.115	268.602	1.926	149.3
8/18/2022	12:00:00 AM	-0.135	30.48	72.188	280.282	1.744	149.3
8/18/2022	01:00:00 AM	-0.271	30.117	74.57	123.773	0.202	149.3
8/18/2022	02:00:00 AM	-0.406	30.103	73.924	236.804	0.964	149.3
8/18/2022	03:00:00 AM	-0.271	30.12	76.944	41.363	0.2	149.3
8/18/2022	04:00:00 AM	0.406	29.6	77.701	165.215	0.202	149.3
8/18/2022	05:00:00 AM	0.271	29.287	77.792	243.125	1.011	149.3
8/18/2022	06:00:00 AM	51.725	29.14	76.897	40.536	0.2	149.3
8/18/2022	07:00:00 AM	216.785	31.097	68.167	151.073	0.38	149.3
8/18/2022	08:00:00 AM	291.529	32.576	64.116	293.9	0.963	149.3
8/18/2022	09:00:00 AM	620.43	34.342	60.229	105.342	0.205	149.3
8/18/2022	10:00:00 AM	110.085	33.878	60.081	218.343	0.682	149.3
8/18/2022	11:00:00 AM	129.042	33.198	66.945	74.885	0.202	149.3
8/18/2022	12:00:00 PM	1065.646	35.415	56.063	208.47	1.229	149.3
8/18/2022	01:00:00 PM	380.085	35.451	53.992	228.874	1.77	149.3
8/18/2022	02:00:00 PM	473.38	34.793	58.426	184.586	1.558	149.3
8/18/2022	03:00:00 PM	607.973	34.042	65.026	254.409	3.568	149.3
8/18/2022	04:00:00 PM	218.004	34.692	59.644	91.426	0.205	149.3
8/18/2022	05:00:00 PM	60.12	34.174	60.643	295.1	0.64	149.3
8/18/2022	06:00:00 PM	24.915	33.631	60.76	57.92	0.597	149.3
8/18/2022	07:00:00 PM	0	32.892	61.315	94.89	2.546	149.3
8/18/2022	08:00:00 PM	-1.76	32.697	63.158	82.769	1.379	149.3
8/18/2022	09:00:00 PM	-1.083	32.265	64.224	103.87	1.151	149.3
8/18/2022	10:00:00 PM	-2.166	32.012	64.207	97.384	0.537	149.3
8/18/2022	11:00:00 PM	0.542	31.033	72.342	39.886	0.473	149.3
8/19/2022	12:00:00 AM	0.812	30.84	74.738	279.082	0.966	149.3
8/19/2022	01:00:00 AM	2.979	29.835	77.06	267.83	1.855	149.3
8/19/2022	02:00:00 AM	-0.406	30.188	74.288	250.202	1.671	149.3
8/19/2022	03:00:00 AM	1.083	29.574	76.053	213.158	0.96	149.3
8/19/2022	04:00:00 AM	2.031	29.767	74.824	261.761	2.143	149.3
8/19/2022	05:00:00 AM	2.844	29.588	76.195	197.387	0.424	149.3
8/19/2022	06:00:00 AM	41.976	29.647	77.034	143.449	0.276	149.3
8/19/2022	07:00:00 AM	150.436	30.927	70.634	288.682	0.207	149.3
8/19/2022	08:00:00 AM	566.945	34.85	57.532	210.208	0.207	149.3
8/19/2022	09:00:00 AM	815.415	36.588	51.449	295.823	0.212	149.3
8/19/2022	10:00:00 AM	199.724	35.891	53.623	54.681	0.202	149.3
8/19/2022	11:00:00 AM	431.268	36.705	50.506	167.273	0.611	149.3
8/19/2022	12:00:00 PM	934.843	36.648	51.524	188.329	0.268	149.3
8/19/2022	01:00:00 PM	356.93	36.852	52.352	240.211	0.211	149.3
8/19/2022	02:00:00 PM	394.979	37.523	49.239	267.899	0.534	149.3
8/19/2022	03:00:00 PM	79.89	35.011	60.873	284.906	0.215	149.3

8/19/2022 04:00:00 PM	65.266	34.247	62.132	117.947	0.205	149.3
8/19/2022 05:00:00 PM	33.039	32.618	70.194	250.508	1.371	149.3
8/19/2022 06:00:00 PM	15.03	32.285	71.426	139.718	0.202	149.3
8/19/2022 07:00:00 PM	1.354	31.956	73.264	99.83	0.201	149.3
8/19/2022 08:00:00 PM	2.166	31.682	74.891	316.813	0.21	149.3
8/19/2022 09:00:00 PM	1.76	31.583	75.892	276.363	0.786	149.3
8/19/2022 10:00:00 PM	2.979	31.387	75.296	290.039	0.59	149.3
8/19/2022 11:00:00 PM	3.656	31.412	75.075	225.264	1.038	149.3
8/20/2022 12:00:00 AM	2.708	31.34	74.59	17.473	0.2	149.3
8/20/2022 01:00:00 AM	2.573	31.123	72.919	297.874	0.211	149.3
8/20/2022 02:00:00 AM	-0.677	30.409	78.782	162.159	0.202	149.6
8/20/2022 03:00:00 AM	3.385	30.777	77.361	271.455	0.752	149.6
8/20/2022 04:00:00 AM	2.031	30.188	81.134	205.191	0.206	149.6
8/20/2022 05:00:00 AM	3.521	29.77	84.186	271.265	1.663	149.6
8/20/2022 06:00:00 AM	26.133	29.851	83.364	262.341	0.833	149.6
8/20/2022 07:00:00 AM	246.439	32.067	74.681	236.069	0.798	149.6
8/20/2022 08:00:00 AM	280.832	33.193	62.361	276.063	0.822	149.6
8/20/2022 09:00:00 AM	726.183	34.435	57.441	268.979	0.667	149.6
8/20/2022 10:00:00 AM	529.031	34.228	53.959	351.481	0.215	149.6
8/20/2022 11:00:00 AM	1074.853	36.687	49.229	35.714	0.884	149.6
8/20/2022 12:00:00 PM	416.509	38.094	45.084	227.715	0.21	149.6
8/20/2022 01:00:00 PM	1034.367	36.936	53.153	346.223	0.219	149.6
8/20/2022 02:00:00 PM	891.513	37.531	53.056	53.096	0.438	149.6
8/20/2022 03:00:00 PM	675.405	37.161	55.022	204.508	0.996	149.6
8/20/2022 04:00:00 PM	129.719	35.372	59.468	122.014	0.452	149.6
8/20/2022 05:00:00 PM	68.651	34.655	62.15	240.456	0.22	149.6
8/20/2022 06:00:00 PM	11.645	34.381	61.069	114.924	0.205	149.6
8/20/2022 07:00:00 PM	1.489	33.566	65.417	224.245	0.211	149.6
8/20/2022 08:00:00 PM	1.896	32.858	65.356	242.665	1.124	149.6
8/20/2022 09:00:00 PM	-0.812	32.333	67.585	330.726	0.212	149.6
8/20/2022 10:00:00 PM	-0.271	31.845	70.775	246.878	1.235	149.6
8/20/2022 11:00:00 PM	0.812	30.837	76.46	269.832	0.426	149.6
8/21/2022 12:00:00 AM	0.406	30.302	79.552	240.349	1.298	149.6
8/21/2022 01:00:00 AM	0.948	30.121	79.602	227.968	1.335	149.6
8/21/2022 02:00:00 AM	-0.677	30.128	79.026	257.607	0.206	149.6
8/21/2022 03:00:00 AM	-0.542	29.502	81.475	234.431	0.625	149.6
8/21/2022 04:00:00 AM	0.271	29.372	80.366	263.903	1.142	149.6
8/21/2022 05:00:00 AM	-0.677	29.189	78.459	194.602	0.208	149.6
8/21/2022 06:00:00 AM	33.852	28.855	77.696	265.156	0.956	149.6
8/21/2022 07:00:00 AM	249.689	31.119	69.193	109.464	0.209	149.6
8/21/2022 08:00:00 AM	474.869	34.184	55.301	197.088	0.207	149.6
8/21/2022 09:00:00 AM	713.996	36.323	46.847	254.834	0.565	149.6
8/21/2022 10:00:00 AM	830.852	36.78	43.45	170.185	0.415	149.6
8/21/2022 11:00:00 AM	812.436	37.624	43.223	306.538	1.005	149.6
8/21/2022 12:00:00 PM	841.819	38.144	43.097	307.946	0.521	149.6
8/21/2022 01:00:00 PM	724.829	39.162	40.912	265.678	2.15	149.6
8/21/2022 02:00:00 PM	927.261	38.931	42.134	258.868	2.205	149.6
8/21/2022 03:00:00 PM	736.338	38.61	44.561	258.246	3.44	149.6
8/21/2022 04:00:00 PM	344.608	38.255	46.681	47.601	0.644	149.6
8/21/2022 05:00:00 PM	121.865	37.121	51.505	353.051	0.215	149.6

8/21/2022 06:00:00 PM	23.425	36.064	55.247	243.23	1.298	149.6
8/21/2022 07:00:00 PM	-0.271	34.666	59.316	156.513	0.206	149.6
8/21/2022 08:00:00 PM	0.677	33.674	62.624	300.806	0.209	149.6
8/21/2022 09:00:00 PM	0.812	32.765	62.046	261.854	1.758	149.6
8/21/2022 10:00:00 PM	0.812	32.555	60.74	223.714	0.209	149.6
8/21/2022 11:00:00 PM	1.354	31.178	74.838	289.536	0.73	149.6
8/22/2022 12:00:00 AM	1.896	30.818	76.241	224.082	0.206	149.6
8/22/2022 01:00:00 AM	0	30.698	75.267	119.771	0.205	149.6
8/22/2022 02:00:00 AM	-0.135	29.904	77.04	200.948	1.119	149.6
8/22/2022 03:00:00 AM	0.271	29.716	77.199	167.33	0.205	149.6
8/22/2022 04:00:00 AM	-0.542	29.548	76.919	115.252	0.439	149.6
8/22/2022 05:00:00 AM	-1.354	29.061	79.508	109.092	0.207	149.6
8/22/2022 06:00:00 AM	32.362	29.373	78.618	81.353	0.203	149.6
8/22/2022 07:00:00 AM	266.615	32.433	65.386	112.504	0.203	149.6
8/22/2022 08:00:00 AM	501.679	35.022	57.306	127.634	0.206	149.6
8/22/2022 09:00:00 AM	714.131	37.912	47.553	226.278	0.211	149.6
8/22/2022 10:00:00 AM	879.191	39.307	40.393	94.927	0.474	149.6
8/22/2022 11:00:00 AM	993.203	40.684	35.414	87.171	0.572	149.6
8/22/2022 12:00:00 PM	1004.442	41.97	30.079	52.807	0.208	149.6
8/22/2022 01:00:00 PM	930.917	40.751	37.838	40.232	0.948	149.6
8/22/2022 02:00:00 PM	845.475	41.286	36.286	29.382	0.206	149.6
8/22/2022 03:00:00 PM	661.052	40.695	38.493	310.242	0.214	149.6
8/22/2022 04:00:00 PM	180.225	39.038	43.3	77.686	0.526	149.6
8/22/2022 05:00:00 PM	211.64	36.778	46.751	49.446	0.205	149.6
8/22/2022 06:00:00 PM	18.28	35.93	48.686	71.119	0.206	149.6
8/22/2022 07:00:00 PM	-1.489	34.712	53.82	81.78	0.206	149.6
8/22/2022 08:00:00 PM	-0.677	33.868	57.367	155.046	0.205	149.6
8/22/2022 09:00:00 PM	0.135	34.133	45.996	146.883	1.431	149.6
8/22/2022 10:00:00 PM	-0.948	33.547	46.949	2.369	0.198	149.6
8/22/2022 11:00:00 PM	-0.948	32.596	49.636	327.765	0.21	149.6
8/23/2022 12:00:00 AM	-1.354	31.9	54.874	246.945	1.272	149.6
8/23/2022 01:00:00 AM	-2.302	31.398	61.738	222.729	1.134	149.6
8/23/2022 02:00:00 AM	-0.542	29.983	65.743	196.708	0.205	149.6
8/23/2022 03:00:00 AM	2.302	29.904	66.338	190.381	0.206	149.6
8/23/2022 04:00:00 AM	1.76	29.427	68.464	262.802	2.329	149.6
8/23/2022 05:00:00 AM	1.625	29.474	69.288	44.163	0.2	149.6
8/23/2022 06:00:00 AM	36.83	29.457	68.405	142.969	0.202	149.6
8/23/2022 07:00:00 AM	123.49	30.977	63.368	218.336	1.155	149.6
8/23/2022 08:00:00 AM	241.294	32.696	58.857	338.04	0.214	149.6
8/23/2022 09:00:00 AM	701.81	36.075	51.766	237.827	0.629	149.6
8/23/2022 10:00:00 AM	837.08	38.18	46.58	325.92	0.493	149.6
8/23/2022 11:00:00 AM	934.031	39.619	41.308	111.829	0.206	149.6
8/23/2022 12:00:00 PM	344.202	40.03	39.886	77.584	0.204	149.6
8/23/2022 01:00:00 PM	809.051	41.166	37.657	108.036	0.883	149.6
8/23/2022 02:00:00 PM	862.401	38.404	40.109	91.279	0.798	149.6
8/23/2022 03:00:00 PM	676.353	37.477	42.813	16.079	0.207	149.6
8/23/2022 04:00:00 PM	431.268	36.656	46.378	123.473	2.948	149.6
8/23/2022 05:00:00 PM	129.99	35.266	51.515	103.975	1.698	149.6
8/23/2022 06:00:00 PM	28.3	34.525	53.494	137.77	1.143	149.6
8/23/2022 07:00:00 PM	-1.219	33.821	55.42	116.38	0.207	149.6

8/23/2022 08:00:00 PM	0.271	33.436	58.492	323.786	0.215	149.6
8/23/2022 09:00:00 PM	-1.354	33.478	58.236	228.975	0.414	149.6
8/23/2022 10:00:00 PM	0.135	33.412	58.568	120.852	1.864	149.6
8/23/2022 11:00:00 PM	-1.625	33.134	59.498	72.718	0.202	149.6
8/24/2022 12:00:00 AM	-0.542	33.077	56.548	81.774	0.992	149.6
8/24/2022 01:00:00 AM	-0.812	33.148	54.916	122.321	0.515	149.6
8/24/2022 02:00:00 AM	-0.812	33.145	53.447	129.901	0.719	149.6
8/24/2022 03:00:00 AM	-0.406	32.956	55.255	142.503	1.928	149.6
8/24/2022 04:00:00 AM	-1.083	32.829	56.478	39.659	0.201	149.6
8/24/2022 05:00:00 AM	-0.271	32.719	56.62	220.982	0.49	149.6
8/24/2022 06:00:00 AM	30.466	32.54	57.823	55	0.915	149.6
8/24/2022 07:00:00 AM	279.207	34.216	52.197	134.421	1.01	149.6
8/24/2022 08:00:00 AM	504.658	36.016	45.025	117.012	0.25	149.6
8/24/2022 09:00:00 AM	735.255	36.815	44.222	310.877	0.214	149.6
8/24/2022 10:00:00 AM	868.901	37.76	43.946	197.866	0.717	149.6
8/24/2022 11:00:00 AM	972.757	37.526	46.913	353.992	0.642	149.6
8/24/2022 12:00:00 PM	965.581	37.868	46.518	104.008	0.209	149.6
8/24/2022 01:00:00 PM	947.707	38.955	43.288	158.979	0.952	149.6
8/24/2022 02:00:00 PM	934.166	39.53	41.864	16.946	0.835	149.6
8/24/2022 03:00:00 PM	715.486	38.792	44.04	103.413	0.955	149.6
8/24/2022 04:00:00 PM	112.116	36.587	51.225	107.828	0.208	149.6
8/24/2022 05:00:00 PM	12.051	30.745	81.923	32.354	0.201	155.6
8/24/2022 06:00:00 PM	14.353	29.739	87.236	311.824	0.213	164.5
8/24/2022 07:00:00 PM	4.739	30.231	84.74	150.172	0.616	164.7
8/24/2022 08:00:00 PM	5.01	30.346	79.375	232.782	3.329	164.7
8/24/2022 09:00:00 PM	0.812	30.464	78.703	187.239	0.203	164.7
8/24/2022 10:00:00 PM	3.114	30.128	79.868	251.986	2.443	164.7
8/24/2022 11:00:00 PM	2.844	29.911	80.921	235.383	1.709	164.7
8/25/2022 12:00:00 AM	2.437	30.108	79.733	276.252	0.995	164.7
8/25/2022 01:00:00 AM	3.114	29.915	80.543	252.037	1.732	164.7
8/25/2022 02:00:00 AM	0.271	29.67	82.104	203.835	0.568	164.7
8/25/2022 03:00:00 AM	2.031	29.533	80.632	182.73	0.207	164.7
8/25/2022 04:00:00 AM	2.844	29.662	79.79	200.677	0.504	164.7
8/25/2022 05:00:00 AM	1.354	29.443	79.082	225.494	3.097	164.7
8/25/2022 06:00:00 AM	27.081	29.359	79.745	193.471	1.442	164.7
8/25/2022 07:00:00 AM	142.853	29.884	77.221	244.573	0.675	164.7
8/25/2022 08:00:00 AM	454.558	33.327	65.292	191.594	0.206	164.7
8/25/2022 09:00:00 AM	706.278	35.479	57.151	242.882	1.751	164.7
8/25/2022 10:00:00 AM	815.415	37.273	51.773	53.696	0.567	164.7
8/25/2022 11:00:00 AM	282.457	37.494	49.339	288.702	0.654	164.7
8/25/2022 12:00:00 PM	361.94	38.482	47.697	138.25	0.206	164.7
8/25/2022 01:00:00 PM	1104.101	39.545	45.672	183.215	0.209	164.7
8/25/2022 02:00:00 PM	558.008	37.34	50.996	81.465	0.202	164.7
8/25/2022 03:00:00 PM	19.228	35.432	56.958	235.121	0.21	164.7
8/25/2022 04:00:00 PM	4.739	26.591	89.268	263.726	1.376	208
8/25/2022 05:00:00 PM	9.749	26.771	93.67	100.002	0.204	234.8
8/25/2022 06:00:00 PM	14.353	27.356	89.17	221.155	0.823	235.5
8/25/2022 07:00:00 PM	3.791	27.579	88.567	121.273	0.203	235.6
8/25/2022 08:00:00 PM	3.791	27.82	86.054	105.881	0.202	235.6
8/25/2022 09:00:00 PM	3.521	27.737	84.628	267.813	0.206	235.6

8/25/2022	10:00:00 PM	1.625	27.851	84.826	113.675	0.204	235.7
8/25/2022	11:00:00 PM	2.166	27.863	85.469	128.379	0.2	235.7
8/26/2022	12:00:00 AM	1.219	27.792	82.345	185.881	1.133	235.7
8/26/2022	01:00:00 AM	-0.948	27.523	83.861	247.812	0.785	235.7
8/26/2022	02:00:00 AM	-1.219	27.6	83.4	220.537	0.721	235.7
8/26/2022	03:00:00 AM	0	27.399	84.186	281.436	0.876	235.7
8/26/2022	04:00:00 AM	0.406	26.942	85.988	236.623	1.254	235.7
8/26/2022	05:00:00 AM	-0.677	27.008	85.68	207.641	0.772	235.7
8/26/2022	06:00:00 AM	36.153	26.953	86.508	237.121	0.902	235.7
8/26/2022	07:00:00 AM	264.042	31.12	70.413	196.439	0.205	235.7
8/26/2022	08:00:00 AM	477.306	32.287	61.246	270.932	1.008	235.7
8/26/2022	09:00:00 AM	643.991	33.898	54.881	247.007	0.42	235.7
8/26/2022	10:00:00 AM	840.195	36.077	47.077	295.147	1.508	235.7
8/26/2022	11:00:00 AM	945.54	38.107	45.541	310.254	1.78	235.7
8/26/2022	12:00:00 PM	1004.307	38.87	43.039	330.985	2.581	235.7
8/26/2022	01:00:00 PM	942.02	38.131	44.107	334.909	0.889	235.7
8/26/2022	02:00:00 PM	881.764	38.289	44.177	172.407	0.671	235.7
8/26/2022	03:00:00 PM	248.47	38.152	44.212	253.984	1.388	235.7
8/26/2022	04:00:00 PM	357.066	38.113	44.551	53.448	0.489	235.7
8/26/2022	05:00:00 PM	124.844	37.221	45.472	41.495	0.201	235.7
8/26/2022	06:00:00 PM	21.259	35.867	51.824	124.674	0.204	235.7
8/26/2022	07:00:00 PM	-0.542	34.617	58.629	282.883	0.956	235.7
8/26/2022	08:00:00 PM	-0.542	33.443	64.669	236.847	0.425	235.7
8/26/2022	09:00:00 PM	0.948	32.47	67.362	255.405	1.823	235.7
8/26/2022	10:00:00 PM	-0.406	31.72	70.514	226.131	0.621	235.7
8/26/2022	11:00:00 PM	-0.406	31.093	71.938	250.806	0.207	235.7
8/27/2022	12:00:00 AM	-0.948	30.888	72.768	192.479	0.556	235.7
8/27/2022	01:00:00 AM	-1.219	30.046	74.866	192.33	1.375	235.7
8/27/2022	02:00:00 AM	0.542	29.843	73.16	207.36	1.681	235.7
8/27/2022	03:00:00 AM	0.812	29.31	75.371	238.787	1.016	235.7
8/27/2022	04:00:00 AM	-0.135	28.933	75.494	250.541	2.058	235.7
8/27/2022	05:00:00 AM	2.302	29.112	73.701	271.081	1.559	235.7
8/27/2022	06:00:00 AM	28.706	28.497	75.021	220.714	0.788	235.7
8/27/2022	07:00:00 AM	249.96	30.445	65.41	39.214	0.198	235.7
8/27/2022	08:00:00 AM	483.129	33.663	55.429	144.663	0.206	235.7
8/27/2022	09:00:00 AM	518.741	35.935	47.793	153.993	1.157	235.7
8/27/2022	10:00:00 AM	825.977	37.782	42.941	108.319	0.204	235.7
8/27/2022	11:00:00 AM	937.822	40.303	37.896	216.318	0.633	235.7
8/27/2022	12:00:00 PM	902.075	41.42	38.828	39.52	0.605	0
8/27/2022	01:00:00 PM	794.021	40.341	42.932	50.05	0.982	0
8/27/2022	02:00:00 PM	549.478	39.063	50.31	195.391	0.211	0
8/27/2022	03:00:00 PM	75.286	35.19	45.529	133.694	1.161	0
8/27/2022	04:00:00 PM	116.991	33.077	51.699	299.332	1.901	0
8/27/2022	05:00:00 PM	0.271	33.551	52.302	5.859	0.19	0
8/27/2022	06:00:00 PM	0.406	31.534	60.865	258.042	2.783	0
8/27/2022	07:00:00 PM	1.219	31.269	62.78	209.892	0.214	0
8/27/2022	08:00:00 PM	-1.489	30.535	64.204	172.304	0.862	0
8/27/2022	09:00:00 PM	-0.135	30.229	64.938	118.7	0.483	0
8/27/2022	10:00:00 PM	1.083	29.574	67.736	231.319	1.889	0
8/27/2022	11:00:00 PM	1.219	29.393	68.859	250.385	1.642	0

8/28/2022 12:00:00 AM	-0.271	29.282	70.468	228.442	2.365	0
8/28/2022 01:00:00 AM	1.083	29.147	71.369	216.446	0.865	0
8/28/2022 02:00:00 AM	0.948	29.261	72.302	314.483	0.21	0
8/28/2022 03:00:00 AM	-5.281	29.157	73.794	238.252	0.205	0
8/28/2022 04:00:00 AM	5.01	28.528	77.474	96.569	0.199	0.1
8/28/2022 05:00:00 AM	88.014	29.156	74.465	262.719	1.085	0.1
8/28/2022 06:00:00 AM	283.134	30.604	68.838	144.039	0.204	0.1
8/28/2022 07:00:00 AM	374.398	32.76	63.414	267.097	1.396	0.1
8/28/2022 08:00:00 AM	732.953	35.003	60.451	165.129	1.441	0.1
8/28/2022 09:00:00 AM	641.418	37.046	52.497	257.09	0.21	0.1
8/28/2022 10:00:00 AM	773.439	36.81	51.917	50.136	0.532	0.1
8/28/2022 11:00:00 AM	209.338	35.514	56.06	260.645	1.933	0.1
8/28/2022 12:00:00 PM	620.837	34.977	54.887	122.882	0.579	0.1
8/28/2022 01:00:00 PM	740.671	36.616	51.696	69.871	0.686	0.1
8/28/2022 02:00:00 PM	246.304	32.068	71.542	111.447	1.09	0.2
8/28/2022 03:00:00 PM	254.428	31.124	76.498	183.443	0.208	5.1
8/28/2022 04:00:00 PM	44.413	31.779	77.602	131.44	0.782	5.1
8/28/2022 05:00:00 PM	2.031	31.494	79.39	300.903	0.21	5.1
8/28/2022 06:00:00 PM	2.437	30.791	79.172	143.89	1.12	5.2
8/28/2022 07:00:00 PM	1.76	30.436	80.476	87.426	1.038	5.2
8/28/2022 08:00:00 PM	2.031	30.066	80.752	32.648	0.197	5.2
8/28/2022 09:00:00 PM	0.677	29.761	80.168	239.308	0.207	5.2
8/28/2022 10:00:00 PM	-0.677	29.782	78.964	81.703	0.612	5.2
8/28/2022 11:00:00 PM	-1.083	29.326	80.831	155.303	0.204	5.2
8/29/2022 12:00:00 AM	0.135	29.088	80.287	236.561	1.37	5.2
8/29/2022 01:00:00 AM	-0.677	28.592	82.108	113.631	0.579	5.2
8/29/2022 02:00:00 AM	0.271	28.369	83.181	125.845	1.146	5.2
8/29/2022 03:00:00 AM	-1.083	28.182	83.538	94.541	0.201	5.2
8/29/2022 04:00:00 AM	2.573	28.182	83.298	82.101	0.197	5.2
8/29/2022 05:00:00 AM	142.853	29.58	77.659	286.842	0.21	5.2
8/29/2022 06:00:00 AM	371.013	32.575	64.397	117.47	0.202	5.2
8/29/2022 07:00:00 AM	599.984	35.372	59.724	263.448	0.818	5.2
8/29/2022 08:00:00 AM	791.313	36.922	52.15	115.73	0.204	5.2
8/29/2022 09:00:00 AM	278.801	36.674	52.668	43.445	0.498	5.2
8/29/2022 10:00:00 AM	359.368	37.171	52.115	80.646	0.205	5.2
8/29/2022 11:00:00 AM	988.193	37.249	53.483	26.571	0.681	5.2
8/29/2022 12:00:00 PM	917.918	38.18	50.648	215.837	0.212	5.2
8/29/2022 01:00:00 PM	780.074	37.738	51.022	116.259	1.409	5.2
8/29/2022 02:00:00 PM	561.123	36.837	55.173	187.963	0.879	5.2
8/29/2022 03:00:00 PM	302.362	35.039	61.05	139.101	0.934	5.2
8/29/2022 04:00:00 PM	84.9	33.895	66.992	331.321	0.212	5.2
8/29/2022 05:00:00 PM	-0.677	32.952	70.461	317.237	0.979	5.2
8/29/2022 06:00:00 PM	0.406	32.494	69.911	204.511	0.432	5.2
8/29/2022 07:00:00 PM	-0.542	32.458	68.759	189.891	1.01	5.2
8/29/2022 08:00:00 PM	-1.489	31.92	69.749	118.661	0.481	5.2
8/29/2022 09:00:00 PM	-0.271	31.996	68.584	196.117	0.208	5.2
8/29/2022 10:00:00 PM	-1.896	31.981	67.078	118.17	1.545	5.2
8/29/2022 11:00:00 PM	-1.489	31.732	67.135	328.372	0.367	5.2
8/30/2022 12:00:00 AM	-1.489	30.933	69.868	248.035	1.775	5.2
8/30/2022 01:00:00 AM	-1.489	30.471	71.416	265.92	0.522	5.2

8/30/2022 02:00:00 AM	-1.083	29.54	75.629	255.591	1.92	5.2
8/30/2022 03:00:00 AM	-1.354	29.714	71.702	181.611	0.206	5.2
8/30/2022 04:00:00 AM	0	29.202	77.538	160.203	0.725	5.2
8/30/2022 05:00:00 AM	143.666	30.129	73.606	157.287	0.867	5.2
8/30/2022 06:00:00 AM	388.345	32.743	62.793	194.963	0.206	5.2
8/30/2022 07:00:00 AM	612.577	36.31	53.698	246.149	0.212	5.2
8/30/2022 08:00:00 AM	800.385	36.837	48.943	174.398	0.578	5.2
8/30/2022 09:00:00 AM	948.249	38.03	45.149	95.232	0.207	5.2
8/30/2022 10:00:00 AM	1115.34	39.48	40.341	144.337	0.21	5.2
8/30/2022 11:00:00 AM	297.352	37.577	51.921	297.536	0.215	5.2
8/30/2022 12:00:00 PM	175.622	37.21	51.804	116.915	0.208	5.2
8/30/2022 01:00:00 PM	41.705	35.279	57.979	197.478	0.206	5.3
8/30/2022 02:00:00 PM	57.683	31.078	86.285	297.28	0.207	15.2
8/30/2022 03:00:00 PM	114.147	31.85	82.747	32.472	0.199	15.2
8/30/2022 04:00:00 PM	42.924	32.476	75.72	247.612	0.204	15.2
8/30/2022 05:00:00 PM	0.542	31.306	83.773	248.603	0.588	15.2
8/30/2022 06:00:00 PM	1.625	31.885	74.191	24.094	0.203	15.2
8/30/2022 07:00:00 PM	-1.083	31.365	74.598	124.046	0.691	15.2
8/30/2022 08:00:00 PM	-1.625	31.104	74.345	115.837	0.878	15.2
8/30/2022 09:00:00 PM	-0.135	31.255	70.167	183.69	0.207	15.2
8/30/2022 10:00:00 PM	-1.896	31.124	69.086	71.645	0.525	15.2
8/30/2022 11:00:00 PM	1.76	30.564	71.531	280.579	0.208	15.2
8/31/2022 12:00:00 AM	0.677	29.882	76.112	191.586	0.207	15.2
8/31/2022 01:00:00 AM	0	28.581	80.83	238.07	0.666	15.2
8/31/2022 02:00:00 AM	1.489	28.218	83.45	253.131	1.841	15.2
8/31/2022 03:00:00 AM	0.542	28.375	80.566	159.165	0.201	15.2
8/31/2022 04:00:00 AM	1.896	28.524	79.218	246.141	2.46	15.2
8/31/2022 05:00:00 AM	75.286	29.365	76.915	157.07	0.201	15.2
8/31/2022 06:00:00 AM	370.471	31.704	68.016	141.884	0.831	15.2
8/31/2022 07:00:00 AM	602.422	35.269	58.609	268.201	1.513	15.2
8/31/2022 08:00:00 AM	789.146	36.533	50.541	109.955	0.557	15.2
8/31/2022 09:00:00 AM	924.688	37.35	45.665	36.766	1.105	15.2
8/31/2022 10:00:00 AM	1000.38	38.744	44.364	191.397	0.211	15.2
8/31/2022 11:00:00 AM	968.83	38.796	42.964	59.433	0.204	15.2
8/31/2022 12:00:00 PM	964.904	37.721	49.322	149.043	0.207	15.2
8/31/2022 01:00:00 PM	761.253	37.364	48.286	184.198	0.505	15.2
8/31/2022 02:00:00 PM	642.231	36.994	50.541	160.423	0.213	15.2
8/31/2022 03:00:00 PM	353.41	34.591	60.966	176.643	0.884	15.2
8/31/2022 04:00:00 PM	62.287	33.601	64.178	91.28	0.878	15.2
8/31/2022 05:00:00 PM	1.625	31.993	75.762	348.189	0.493	15.2
8/31/2022 06:00:00 PM	1.896	31.842	78.817	83.779	0.203	15.3
8/31/2022 07:00:00 PM	-3.521	31.083	79.612	184.33	0.204	15.6
8/31/2022 08:00:00 PM	1.354	30.756	82.683	153.095	0.424	16
8/31/2022 09:00:00 PM	0.135	30.779	80.733	303.19	0.211	16.1
8/31/2022 10:00:00 PM	3.521	30.589	83.54	216.161	0.204	16.3
8/31/2022 11:00:00 PM	-0.812	30.285	86.507	316.05	0.21	16.3