

		Pyranometer [W/m ²]	Temperature [°C]	RH [%RH]	Wind Direction [angle]	Wind Speed [m/s]	Rain sensor [mm]
4/1/2022	01:00:00 AM	1.354	17.888	83.664	145.394	1.284	476.1
4/1/2022	02:00:00 AM	3.927	17.602	81.753	305.043	0.208	476.1
4/1/2022	03:00:00 AM	4.739	17.692	79.28	357.922	0.222	476.1
4/1/2022	04:00:00 AM	4.468	18.251	72.473	211.803	1.119	476.1
4/1/2022	05:00:00 AM	3.114	18.512	70.769	78.085	0.192	476.1
4/1/2022	06:00:00 AM	6.364	18.467	72.27	129.378	1.169	476.1
4/1/2022	07:00:00 AM	25.592	18.55	74.555	106.699	0.193	476.1
4/1/2022	08:00:00 AM	39.674	18.169	80.161	298.333	0.199	476.1
4/1/2022	09:00:00 AM	48.611	17.851	81.397	55.155	0.906	476.1
4/1/2022	10:00:00 AM	56.464	18.026	80.524	139.219	1.756	476.1
4/1/2022	11:00:00 AM	108.46	18.019	82.57	88.304	0.801	476.1
4/1/2022	12:00:00 PM	115.501	17.679	82.509	161.492	0.985	476.1
4/1/2022	01:00:00 PM	73.525	17.401	79.941	96.994	1.424	476.1
4/1/2022	02:00:00 PM	107.648	17.268	78.492	118.973	1.185	476.1
4/1/2022	03:00:00 PM	83.139	17.381	73.488	356.429	0.806	476.1
4/1/2022	04:00:00 PM	27.894	17.545	67.487	132.948	0.193	476.1
4/1/2022	05:00:00 PM	12.593	17.321	67.271	319.021	0.362	476.1
4/1/2022	06:00:00 PM	6.499	16.541	74.142	113.107	0.7	476.1
4/1/2022	07:00:00 PM	-0.677	16.524	73.54	343.525	0.618	476.1
4/1/2022	08:00:00 PM	2.166	16.717	71.113	44.332	0.19	476.1
4/1/2022	09:00:00 PM	2.979	17.229	66.445	44.763	0.187	476.1
4/1/2022	10:00:00 PM	0.271	15.908	79.515	112.478	0.498	476.2
4/1/2022	11:00:00 PM	4.062	16.305	76.609	321.839	0.2	476.2
4/2/2022	12:00:00 AM	2.844	16.59	74.927	154.85	1.224	476.2
4/2/2022	01:00:00 AM	-3.927	16.29	76.293	101.466	0.192	476.2
4/2/2022	02:00:00 AM	-0.812	15.508	83.588	65.31	0.219	476.4
4/2/2022	03:00:00 AM	2.844	15.749	84.244	149.272	0.191	476.6
4/2/2022	04:00:00 AM	0.135	16.16	82.378	103.478	0.343	476.6
4/2/2022	05:00:00 AM	0.271	15.803	85.395	84.101	0.191	476.6
4/2/2022	06:00:00 AM	5.281	15.671	85.818	69.558	0.527	476.7
4/2/2022	07:00:00 AM	17.603	15.638	88.079	345.417	0.2	477.6
4/2/2022	08:00:00 AM	68.245	15.948	89.237	148.138	0.192	478.3
4/2/2022	09:00:00 AM	124.574	16.211	89.016	93.565	0.365	479.6
4/2/2022	10:00:00 AM	132.021	16.525	88.029	142.799	1.224	480.1
4/2/2022	11:00:00 AM	153.55	16.443	86.844	86.585	0.498	480.5
4/2/2022	12:00:00 PM	170.612	16.475	87.165	88.715	1.537	481.4
4/2/2022	01:00:00 PM	115.231	16.612	87.806	128.084	0.194	482.8
4/2/2022	02:00:00 PM	119.564	16.354	86.987	154.952	0.193	483.7
4/2/2022	03:00:00 PM	86.524	16.686	87.709	137.504	1.267	485.3
4/2/2022	04:00:00 PM	51.59	16.454	87.765	129.115	0.191	486
4/2/2022	05:00:00 PM	27.487	16.381	88.57	87.446	0.189	487.3
4/2/2022	06:00:00 PM	5.822	16.174	89.19	184.3	0.191	489
4/2/2022	07:00:00 PM	1.76	15.989	89.07	348.895	0.201	490.8
4/2/2022	08:00:00 PM	2.031	15.838	87.702	113.289	0.192	492
4/2/2022	09:00:00 PM	3.114	15.53	88.733	155.476	0.19	493.8
4/2/2022	10:00:00 PM	2.302	15.761	90.433	103.774	0.188	496.3
4/2/2022	11:00:00 PM	2.708	15.819	89.897	69.148	0.822	498.5
4/3/2022	12:00:00 AM	2.031	15.88	89.34	144.299	0.19	499.2

4/3/2022	01:00:00 AM	2.302	15.37	86.555	146.718	0.963	500.4
4/3/2022	02:00:00 AM	2.031	15.257	87.804	320.807	0.201	501.4
4/3/2022	03:00:00 AM	3.521	15.016	88.217	173.364	0.195	503.2
4/3/2022	04:00:00 AM	1.625	15.142	89.529	143.023	0.188	504.5
4/3/2022	05:00:00 AM	1.489	15.33	87.39	126.634	0.19	505.5
4/3/2022	06:00:00 AM	9.072	15.313	88.968	171.638	0.193	507.3
4/3/2022	07:00:00 AM	28.3	15.259	87.143	329.686	0.2	508.2
4/3/2022	08:00:00 AM	20.582	15.667	85.832	127.678	0.189	508.4
4/3/2022	09:00:00 AM	45.09	15.896	85.631	205.574	0.192	508.4
4/3/2022	10:00:00 AM	121.188	17.024	82.959	137.437	0.891	508.4
4/3/2022	11:00:00 AM	104.804	17.826	77.289	204.233	0.189	508.4
4/3/2022	12:00:00 PM	75.015	18.052	73.19	27.577	0.205	508.4
4/3/2022	01:00:00 PM	50.506	17.786	75.279	52.183	0.187	508.4
4/3/2022	02:00:00 PM	38.455	17.827	73.22	105.758	1.366	508.4
4/3/2022	03:00:00 PM	38.32	17.78	72.424	167.922	0.19	508.4
4/3/2022	04:00:00 PM	82.868	18.154	71.098	126.905	0.689	508.4
4/3/2022	05:00:00 PM	71.359	18.49	65.21	83.826	0.19	508.4
4/3/2022	06:00:00 PM	6.906	18.184	66.554	191.174	0.192	508.4
4/3/2022	07:00:00 PM	0.677	17.799	67.519	128.454	0.985	508.4
4/3/2022	08:00:00 PM	1.083	17.622	68.16	23.256	0.184	508.4
4/3/2022	09:00:00 PM	-1.083	17.757	66.914	146.471	0.559	508.4
4/3/2022	10:00:00 PM	-0.271	17.266	71.196	132.14	0.19	508.4
4/3/2022	11:00:00 PM	1.625	17.31	73.328	70.931	0.185	508.4
4/4/2022	12:00:00 AM	0.406	17.557	71.077	145.104	1.616	508.4
4/4/2022	01:00:00 AM	3.114	17.289	71.937	144.83	0.191	508.4
4/4/2022	02:00:00 AM	1.489	17.728	70.43	119.093	0.647	508.4
4/4/2022	03:00:00 AM	0.406	17.805	69.346	49.423	0.453	508.4
4/4/2022	04:00:00 AM	0.812	17.759	69.941	45.518	0.187	508.4
4/4/2022	05:00:00 AM	-0.271	18.167	69.606	136.132	0.193	508.4
4/4/2022	06:00:00 AM	13.811	18.594	66.852	240.851	0.196	508.4
4/4/2022	07:00:00 AM	89.639	18.992	67.365	183.769	0.192	508.4
4/4/2022	08:00:00 AM	146.78	20.115	62.557	7.515	0.185	508.4
4/4/2022	09:00:00 AM	366.273	21.612	59.439	93.296	0.793	508.4
4/4/2022	10:00:00 AM	318.069	21.994	57.298	17.891	0.966	508.4
4/4/2022	11:00:00 AM	459.026	22.566	57.178	107.698	1.865	508.4
4/4/2022	12:00:00 PM	396.333	22.881	58.268	129.458	0.732	508.4
4/4/2022	01:00:00 PM	463.359	23.315	59.115	85.7	0.191	508.4
4/4/2022	02:00:00 PM	443.59	23.333	59.214	93.163	0.753	508.4
4/4/2022	03:00:00 PM	281.374	22.546	61.062	131.916	2.956	508.4
4/4/2022	04:00:00 PM	96.951	22.083	61.038	6.926	0.195	508.4
4/4/2022	05:00:00 PM	59.579	22.053	62.405	102.066	0.193	508.4
4/4/2022	06:00:00 PM	7.989	21.415	67.382	199.63	0.192	508.4
4/4/2022	07:00:00 PM	-0.677	20.876	69.132	156.039	0.19	508.4
4/4/2022	08:00:00 PM	-0.406	20.836	69.395	86.749	0.523	508.4
4/4/2022	09:00:00 PM	-2.437	20.591	70.602	302.879	0.202	508.4
4/4/2022	10:00:00 PM	-1.219	20.912	68.108	114.985	1.688	508.4
4/4/2022	11:00:00 PM	-0.948	21.093	67.304	152.335	0.195	508.4
4/5/2022	12:00:00 AM	-1.896	21.287	68.698	82.7	0.837	508.4
4/5/2022	01:00:00 AM	-2.031	21.013	70.54	185.819	0.194	508.4
4/5/2022	02:00:00 AM	-1.896	21.229	70.379	214.549	0.36	508.4

4/5/2022	03:00:00 AM	-2.979	20.931	71.926	295.781	0.582	508.4
4/5/2022	04:00:00 AM	-0.542	20.597	72.969	138.432	0.191	508.4
4/5/2022	05:00:00 AM	-1.219	20.069	76.207	352.663	0.204	508.4
4/5/2022	06:00:00 AM	31.008	19.753	78.256	184.097	1.084	508.4
4/5/2022	07:00:00 AM	143.124	20.513	78.173	233.221	0.342	508.4
4/5/2022	08:00:00 AM	506.148	24.139	65.171	182.5	0.195	508.4
4/5/2022	09:00:00 AM	343.39	27.092	52.854	37.387	0.533	508.4
4/5/2022	10:00:00 AM	948.384	28.524	48.494	121.105	0.196	508.4
4/5/2022	11:00:00 AM	672.291	29.454	44.379	193.551	0.199	508.4
4/5/2022	12:00:00 PM	578.996	30.834	39.323	193.169	0.198	508.4
4/5/2022	01:00:00 PM	356.795	29.996	38.885	187.739	0.942	508.4
4/5/2022	02:00:00 PM	336.349	28.765	47.489	177.39	0.241	508.4
4/5/2022	03:00:00 PM	718.058	29.445	46.433	85.009	1.142	508.4
4/5/2022	04:00:00 PM	143.124	27.481	50.577	44.31	0.47	508.4
4/5/2022	05:00:00 PM	196.474	25.952	53.884	89.025	2.505	508.4
4/5/2022	06:00:00 PM	14.082	24.218	59.29	121.592	1.954	508.4
4/5/2022	07:00:00 PM	-2.166	23.538	61.796	127.182	0.409	508.4
4/5/2022	08:00:00 PM	-2.302	23.33	63.674	93.748	0.693	508.4
4/5/2022	09:00:00 PM	-2.166	23.162	62.759	21.099	1.677	508.4
4/5/2022	10:00:00 PM	-2.844	23.08	61.613	196.962	0.193	508.4
4/5/2022	11:00:00 PM	-2.166	22.873	63.561	194.881	0.198	508.4
4/6/2022	12:00:00 AM	-0.677	23.086	62.392	117.092	0.347	508.4
4/6/2022	01:00:00 AM	-2.166	23.624	58.889	130.953	0.475	508.4
4/6/2022	02:00:00 AM	-1.76	23.061	60.971	338.453	0.204	508.4
4/6/2022	03:00:00 AM	0.677	21.92	66.315	247.518	1.964	508.4
4/6/2022	04:00:00 AM	0.948	20.817	71.888	258.058	1.649	508.4
4/6/2022	05:00:00 AM	-0.677	20.012	75.821	220.685	1.102	508.4
4/6/2022	06:00:00 AM	23.967	19.898	79.234	81.483	0.19	508.4
4/6/2022	07:00:00 AM	228.836	22.618	68.232	167.738	0.198	508.4
4/6/2022	08:00:00 AM	464.307	25.888	54.843	206.172	0.872	508.4
4/6/2022	09:00:00 AM	685.155	27.104	49.689	95.3	0.461	508.4
4/6/2022	10:00:00 AM	850.485	29.611	44.309	308.888	0.204	508.4
4/6/2022	11:00:00 AM	1004.713	30.553	42.189	313.785	0.514	508.4
4/6/2022	12:00:00 PM	1061.719	32.035	38.038	26.109	0.434	508.4
4/6/2022	01:00:00 PM	258.355	28.972	48.852	144.831	0.859	508.4
4/6/2022	02:00:00 PM	204.869	27.503	56.13	122.383	0.727	508.4
4/6/2022	03:00:00 PM	134.458	25.01	62.881	40.047	0.617	508.4
4/6/2022	04:00:00 PM	59.714	23.559	71.518	178.166	0.49	508.4
4/6/2022	05:00:00 PM	18.821	22.928	74.581	42.735	0.714	508.4
4/6/2022	06:00:00 PM	3.114	22.728	75.074	27.171	0.19	508.4
4/6/2022	07:00:00 PM	0.812	22.401	72.495	115.793	0.575	508.4
4/6/2022	08:00:00 PM	0.135	22.524	70.445	42.459	0.463	508.4
4/6/2022	09:00:00 PM	0.271	22.372	70.311	142.467	1.03	508.4
4/6/2022	10:00:00 PM	0.948	22.451	70.485	40.122	0.193	508.4
4/6/2022	11:00:00 PM	-0.677	22.365	69.962	138.765	0.917	508.4
4/7/2022	12:00:00 AM	1.76	21.946	71.18	110.825	0.975	508.4
4/7/2022	01:00:00 AM	1.489	22.515	68.516	121.315	0.669	508.4
4/7/2022	02:00:00 AM	2.302	22.518	68.533	166.92	0.195	508.4
4/7/2022	03:00:00 AM	1.896	22.255	70.402	22.48	0.19	508.4
4/7/2022	04:00:00 AM	0.135	22.435	70.164	100.431	0.192	508.4

4/7/2022	05:00:00 AM	0.542	22.072	70.564	42.187	0.193	508.4
4/7/2022	06:00:00 AM	12.457	22.041	70.991	108.984	0.193	508.4
4/7/2022	07:00:00 AM	58.631	22.357	70.663	94.569	0.191	508.4
4/7/2022	08:00:00 AM	141.499	22.948	71.128	105.573	0.194	508.4
4/7/2022	09:00:00 AM	296.404	23.787	71.232	128.4	0.837	508.4
4/7/2022	10:00:00 AM	151.655	23.953	68.742	90.322	0.606	508.4
4/7/2022	11:00:00 AM	315.361	25.153	62.282	92.632	0.194	508.4
4/7/2022	12:00:00 PM	395.386	24.596	62.157	306.171	1.218	508.4
4/7/2022	01:00:00 PM	243.595	24.083	63.741	50.131	0.417	508.4
4/7/2022	02:00:00 PM	197.151	24.215	62.516	172.615	1.028	508.4
4/7/2022	03:00:00 PM	124.98	24.395	61.469	87.301	0.196	508.4
4/7/2022	04:00:00 PM	49.965	23.841	63.577	150.188	1.653	508.4
4/7/2022	05:00:00 PM	17.874	23.439	67.776	59.792	0.55	508.4
4/7/2022	06:00:00 PM	5.822	22.927	69.212	103.928	0.198	508.4
4/7/2022	07:00:00 PM	1.896	22.854	69.805	145.026	0.525	508.4
4/7/2022	08:00:00 PM	1.354	22.661	72.206	84.055	0.43	508.4
4/7/2022	09:00:00 PM	3.385	22.749	73.62	108.828	0.688	508.4
4/7/2022	10:00:00 PM	3.385	22.88	64.275	187.064	0.538	508.4
4/7/2022	11:00:00 PM	2.031	22.129	69.27	42.417	1.573	508.4
4/8/2022	12:00:00 AM	-0.406	21.976	70.543	61.018	0.655	508.4
4/8/2022	01:00:00 AM	0.406	22.037	69.799	151.572	0.193	508.4
4/8/2022	02:00:00 AM	4.198	21.875	70.3	91.892	0.2	508.4
4/8/2022	03:00:00 AM	2.573	22.082	68.548	141.218	0.786	508.4
4/8/2022	04:00:00 AM	3.114	22.085	68.914	71.297	0.192	508.4
4/8/2022	05:00:00 AM	1.625	21.959	69.615	33.613	0.645	508.4
4/8/2022	06:00:00 AM	23.831	21.99	69.735	164.046	0.725	508.4
4/8/2022	07:00:00 AM	113.606	23.228	66.083	127.079	1.461	508.4
4/8/2022	08:00:00 AM	98.034	24.196	64.798	96.277	1.52	508.4
4/8/2022	09:00:00 AM	95.055	22.259	81.051	128.757	0.324	508.4
4/8/2022	10:00:00 AM	120.647	23.442	72.01	105.079	0.794	508.4
4/8/2022	11:00:00 AM	932	25.091	60.793	339.744	0.929	508.4
4/8/2022	12:00:00 PM	730.516	27.687	51.531	119.473	0.309	508.4
4/8/2022	01:00:00 PM	247.928	26.411	54.725	61.988	1.126	508.4
4/8/2022	02:00:00 PM	381.845	26.289	59.509	304.362	0.542	508.4
4/8/2022	03:00:00 PM	483.806	25.977	52.87	180.741	1.522	508.4
4/8/2022	04:00:00 PM	450.225	26.597	47.316	115.821	0.499	508.4
4/8/2022	05:00:00 PM	181.715	25.502	48.633	125.324	3.291	508.4
4/8/2022	06:00:00 PM	10.832	24.922	54.535	93.466	0.85	508.4
4/8/2022	07:00:00 PM	-0.677	24.114	57.145	101.93	0.649	508.4
4/8/2022	08:00:00 PM	-0.406	23.926	57.433	127.65	1.345	508.4
4/8/2022	09:00:00 PM	-0.542	24.077	57.819	146.524	3.147	508.4
4/8/2022	10:00:00 PM	-1.083	23.923	58.31	133.463	1.053	508.4
4/8/2022	11:00:00 PM	0.948	23.884	59.517	113.485	1.118	508.4
4/9/2022	12:00:00 AM	0.135	23.572	59.915	128.329	0.197	508.4
4/9/2022	01:00:00 AM	1.489	23.382	59.789	138.302	1.144	508.4
4/9/2022	02:00:00 AM	-1.083	22.844	61.602	127.45	0.649	508.4
4/9/2022	03:00:00 AM	0.135	22.144	65.298	171.21	0.198	508.4
4/9/2022	04:00:00 AM	-0.406	21.881	66.371	20.351	0.193	508.4
4/9/2022	05:00:00 AM	1.083	21.552	68.011	103.797	0.193	508.4
4/9/2022	06:00:00 AM	32.633	21.301	69.921	135.196	0.193	508.4

4/9/2022	07:00:00 AM	240.481	24.397	59.973	309.719	0.205	508.4
4/9/2022	08:00:00 AM	496.128	27.043	52.282	194.001	0.663	508.4
4/9/2022	09:00:00 AM	722.527	29.306	45.367	328.328	0.205	508.4
4/9/2022	10:00:00 AM	890.159	29.875	43.861	130.852	1.633	508.4
4/9/2022	11:00:00 AM	989.547	29.835	41.181	162.087	0.91	508.4
4/9/2022	12:00:00 PM	1007.692	31.428	38.422	27.951	0.583	508.4
4/9/2022	01:00:00 PM	963.82	31.335	38.32	97.604	1.183	508.4
4/9/2022	02:00:00 PM	843.85	31.869	38.914	61.205	0.903	508.4
4/9/2022	03:00:00 PM	419.353	30.241	43.28	333.882	0.208	508.4
4/9/2022	04:00:00 PM	129.719	29.12	47.127	192.124	0.706	508.4
4/9/2022	05:00:00 PM	164.789	27.813	53.471	125.102	3.682	508.4
4/9/2022	06:00:00 PM	11.51	26.796	56.611	145.884	0.619	508.4
4/9/2022	07:00:00 PM	1.354	25.953	62.284	124.413	1.057	508.4
4/9/2022	08:00:00 PM	0.677	25.579	63.77	263.619	0.202	508.4
4/9/2022	09:00:00 PM	0.677	25.497	64.919	93.063	0.199	508.4
4/9/2022	10:00:00 PM	0.812	25.308	66.287	139.19	0.655	508.4
4/9/2022	11:00:00 PM	2.166	25.107	66.54	102.949	0.621	508.4
4/10/2022	12:00:00 AM	0.812	24.589	68.267	175.486	0.199	508.4
4/10/2022	01:00:00 AM	0	24.361	68.588	108.742	0.585	508.4
4/10/2022	02:00:00 AM	1.354	24.026	67.584	310.616	0.205	508.4
4/10/2022	03:00:00 AM	-0.406	23.419	67.602	267.134	0.521	508.4
4/10/2022	04:00:00 AM	-1.76	23.053	71.383	108.744	0.194	508.4
4/10/2022	05:00:00 AM	1.625	22.781	70.483	232.897	1.378	508.4
4/10/2022	06:00:00 AM	36.424	22.842	72.563	252.751	0.202	508.4
4/10/2022	07:00:00 AM	248.606	25.451	64.418	155.142	0.198	508.4
4/10/2022	08:00:00 AM	485.16	27.673	54.859	109.132	0.2	508.4
4/10/2022	09:00:00 AM	714.809	31.399	43.792	233.348	0.782	508.4
4/10/2022	10:00:00 AM	868.63	32.899	37.03	355.406	0.214	508.4
4/10/2022	11:00:00 AM	970.726	34.731	31.798	355.372	0.211	508.4
4/10/2022	12:00:00 PM	1115.475	36.36	27.408	334.456	0.594	508.4
4/10/2022	01:00:00 PM	1065.916	36.098	31.543	352.001	0.211	508.4
4/10/2022	02:00:00 PM	929.969	35.676	36.323	38.352	0.718	508.4
4/10/2022	03:00:00 PM	649.814	33.555	40.767	149.7	0.204	508.4
4/10/2022	04:00:00 PM	74.067	31.849	46.301	216.508	0.412	508.4
4/10/2022	05:00:00 PM	53.892	30.442	50.231	221.471	0.431	508.4
4/10/2022	06:00:00 PM	11.78	29.085	55.234	179.121	0.572	508.4
4/10/2022	07:00:00 PM	0.948	27.972	60.671	94.046	1.028	508.4
4/10/2022	08:00:00 PM	1.083	27.48	66.552	183.355	0.2	508.4
4/10/2022	09:00:00 PM	0.948	27.354	66.287	109.314	0.197	508.4
4/10/2022	10:00:00 PM	0	26.944	67.997	152.254	0.572	508.4
4/10/2022	11:00:00 PM	0.406	26.982	66.994	35.937	0.339	508.4
4/11/2022	12:00:00 AM	-0.135	27.378	65.985	52.918	0.196	508.4
4/11/2022	01:00:00 AM	-0.271	26.612	67.554	262.646	0.205	508.4
4/11/2022	02:00:00 AM	1.354	25.662	68.381	225.093	0.753	508.4
4/11/2022	03:00:00 AM	1.083	25.019	70.853	247.853	1.566	508.4
4/11/2022	04:00:00 AM	1.354	24.252	73.703	245.571	1.316	508.4
4/11/2022	05:00:00 AM	1.896	24.692	72.738	186.375	0.736	508.4
4/11/2022	06:00:00 AM	16.926	24.642	73.421	306.38	0.204	508.4
4/11/2022	07:00:00 AM	139.604	26.095	69.451	196.731	0.198	508.4
4/11/2022	08:00:00 AM	264.042	27.556	61.234	234.902	0.805	508.4

4/11/2022 09:00:00 AM	378.595	29.126	56.03	131.9	0.198	508.4
4/11/2022 10:00:00 AM	825.571	32.271	47.308	244.112	0.206	508.4
4/11/2022 11:00:00 AM	709.934	33.357	41.836	66.369	0.198	508.4
4/11/2022 12:00:00 PM	790.636	35.151	36.449	124.209	0.325	508.4
4/11/2022 01:00:00 PM	1143.504	36.223	34.329	165.388	0.354	508.4
4/11/2022 02:00:00 PM	510.752	33.488	41.142	149.702	0.714	508.4
4/11/2022 03:00:00 PM	337.567	32.875	39.185	348.261	0.547	508.4
4/11/2022 04:00:00 PM	269.323	32.378	45.846	63.642	0.88	508.4
4/11/2022 05:00:00 PM	59.714	31.266	48.333	158.853	0.203	508.4
4/11/2022 06:00:00 PM	11.374	29.236	60.36	78.984	0.199	508.4
4/11/2022 07:00:00 PM	4.062	28.734	64.979	158.799	0.201	508.4
4/11/2022 08:00:00 PM	2.166	28.463	70.008	116.615	0.2	508.4
4/11/2022 09:00:00 PM	2.708	27.766	71.839	134.219	0.712	508.4
4/11/2022 10:00:00 PM	1.354	27.307	73.051	151.683	0.197	508.4
4/11/2022 11:00:00 PM	2.573	26.756	73.169	121.35	0.938	508.4
4/12/2022 12:00:00 AM	0.948	26.535	74.062	192.695	0.201	508.4
4/12/2022 01:00:00 AM	1.896	26.347	73.122	142.065	0.301	508.4
4/12/2022 02:00:00 AM	2.708	25.975	67.543	303.13	0.387	508.4
4/12/2022 03:00:00 AM	1.489	25.593	71.66	47.315	0.194	508.4
4/12/2022 04:00:00 AM	1.896	24.724	74.097	207.449	0.554	508.4
4/12/2022 05:00:00 AM	1.219	24.3	72.624	136.024	1.003	508.4
4/12/2022 06:00:00 AM	42.247	24.39	71.506	188.864	0.608	508.4
4/12/2022 07:00:00 AM	269.864	26.855	63.17	246.643	0.203	508.4
4/12/2022 08:00:00 AM	495.722	30.908	55.935	190.396	0.531	508.4
4/12/2022 09:00:00 AM	717.381	32.733	48.993	107.04	0.202	508.4
4/12/2022 10:00:00 AM	885.826	34.392	41.922	157.445	0.201	508.4
4/12/2022 11:00:00 AM	954.342	35.815	37.743	291.137	0.209	508.4
4/12/2022 12:00:00 PM	1025.701	36.095	31.677	141.376	0.754	508.4
4/12/2022 01:00:00 PM	325.652	35.019	43.519	134.726	0.206	508.4
4/12/2022 02:00:00 PM	852.246	35.26	35.469	175.154	0.451	508.4
4/12/2022 03:00:00 PM	604.723	35.096	36.248	232.263	0.21	508.4
4/12/2022 04:00:00 PM	322.808	33.529	33.609	69.91	0.562	508.4
4/12/2022 05:00:00 PM	169.664	32.791	37.884	148.85	0.201	508.4
4/12/2022 06:00:00 PM	11.78	31.033	42.873	206.096	0.211	508.4
4/12/2022 07:00:00 PM	0.812	29.022	61.023	131.349	0.201	508.4
4/12/2022 08:00:00 PM	0.135	28.138	64.28	123.52	0.521	508.4
4/12/2022 09:00:00 PM	0.135	27.949	67.122	139.789	0.2	508.4
4/12/2022 10:00:00 PM	0.542	27.417	70.223	131.812	1.66	508.4
4/12/2022 11:00:00 PM	1.76	27.434	70.585	137.625	0.744	508.4
4/13/2022 12:00:00 AM	1.76	27.464	70.862	103.84	0.776	508.4
4/13/2022 01:00:00 AM	0.948	27.555	70.998	152.504	0.202	508.4
4/13/2022 02:00:00 AM	2.302	26.615	72.933	88.922	0.195	508.4
4/13/2022 03:00:00 AM	2.979	25.806	75.783	327.583	0.205	508.4
4/13/2022 04:00:00 AM	2.302	25.715	78.119	117.633	0.205	508.4
4/13/2022 05:00:00 AM	2.437	25.296	78.035	190.497	0.247	508.4
4/13/2022 06:00:00 AM	31.008	24.889	80.027	137.311	0.197	508.4
4/13/2022 07:00:00 AM	242.918	27.555	69.181	232.543	0.91	508.4
4/13/2022 08:00:00 AM	489.764	30.228	59.474	16.709	0.451	508.4
4/13/2022 09:00:00 AM	696.122	31.876	48.706	316.944	0.209	508.4
4/13/2022 10:00:00 AM	719.006	32.841	45.604	244.038	1.255	508.4

4/13/2022 11:00:00 AM	978.173	34.44	41.658	193.689	1.553	508.4
4/13/2022 12:00:00 PM	975.059	34.795	39.571	211.866	0.202	508.4
4/13/2022 01:00:00 PM	255.782	35.198	39.31	92.483	0.598	508.4
4/13/2022 02:00:00 PM	447.517	32.754	45.686	18.737	1.877	508.4
4/13/2022 03:00:00 PM	133.104	31.173	45.648	32.414	0.197	508.4
4/13/2022 04:00:00 PM	182.527	31.235	47.598	37.392	0.525	508.4
4/13/2022 05:00:00 PM	105.888	30.523	48.051	330.456	0.211	508.4
4/13/2022 06:00:00 PM	12.593	28.885	56.625	50.66	0.199	508.4
4/13/2022 07:00:00 PM	2.708	28.266	57.646	120.692	0.197	508.4
4/13/2022 08:00:00 PM	1.896	28.011	62.808	90.823	0.198	508.4
4/13/2022 09:00:00 PM	2.166	27.122	64.32	288.307	0.205	508.4
4/13/2022 10:00:00 PM	1.489	26.128	73.413	19.404	0.457	508.4
4/13/2022 11:00:00 PM	2.166	26.167	71.866	137.313	1.079	508.4
4/14/2022 12:00:00 AM	0.677	25.659	75.541	164.268	0.205	508.4
4/14/2022 01:00:00 AM	3.791	25.742	75.342	146.416	0.202	508.4
4/14/2022 02:00:00 AM	2.573	25.136	76.084	228.954	0.436	508.4
4/14/2022 03:00:00 AM	3.25	24.962	77.46	215.102	2.115	508.4
4/14/2022 04:00:00 AM	4.468	24.986	77.429	246.779	1.101	508.4
4/14/2022 05:00:00 AM	3.656	24.905	77.551	70.259	0.198	508.4
4/14/2022 06:00:00 AM	7.854	24.525	83.093	203.597	1.021	509.1
4/14/2022 07:00:00 AM	48.069	24.461	89.824	202.298	1.406	512.9
4/14/2022 08:00:00 AM	29.925	23.791	91.934	254.229	0.439	522.2
4/14/2022 09:00:00 AM	66.349	24.021	93.087	252.809	0.201	533.2
4/14/2022 10:00:00 AM	53.892	23.851	90.146	103.336	0.198	534.4
4/14/2022 11:00:00 AM	39.809	23.876	86.327	172.939	0.299	534.6
4/14/2022 12:00:00 PM	135	23.179	87.353	33.558	0.853	535.2
4/14/2022 01:00:00 PM	119.293	23.701	78.774	84.856	0.195	535.2
4/14/2022 02:00:00 PM	164.248	23.981	74.471	75.327	0.485	535.2
4/14/2022 03:00:00 PM	154.092	24.371	70.256	174.901	0.196	535.2
4/14/2022 04:00:00 PM	92.347	23.632	68.726	114.392	1.24	535.2
4/14/2022 05:00:00 PM	40.486	23.219	70.408	53.169	0.519	535.2
4/14/2022 06:00:00 PM	14.895	23.211	67.314	172.681	0.318	535.2
4/14/2022 07:00:00 PM	1.219	22.889	70.283	81.362	0.196	535.2
4/14/2022 08:00:00 PM	4.333	23.173	69.724	126.747	0.751	535.2
4/14/2022 09:00:00 PM	0	23.155	70.848	225.429	0.202	535.2
4/14/2022 10:00:00 PM	-1.219	21.908	81.276	38.166	0.195	535.2
4/14/2022 11:00:00 PM	-1.219	21.945	82.603	90.897	0.617	535.3
4/15/2022 12:00:00 AM	0	21.763	82.779	176.774	0.545	535.3
4/15/2022 01:00:00 AM	3.25	21.254	84.331	197.939	0.197	535.4
4/15/2022 02:00:00 AM	0.135	20.952	84.085	145.39	0.196	535.4
4/15/2022 03:00:00 AM	0	20.877	84.045	1.651	0.181	535.4
4/15/2022 04:00:00 AM	0.812	20.738	85.353	68.257	0.195	535.4
4/15/2022 05:00:00 AM	-1.083	20.607	84.891	120.573	0.196	535.5
4/15/2022 06:00:00 AM	21.123	20.498	85.336	125.645	0.304	535.5
4/15/2022 07:00:00 AM	78.806	20.719	84.548	44.345	0.565	535.5
4/15/2022 08:00:00 AM	257.949	22	78.284	142.264	0.548	535.5
4/15/2022 09:00:00 AM	279.207	22.434	78.004	66.994	0.743	535.5
4/15/2022 10:00:00 AM	207.713	22.649	76.139	60.455	0.194	535.5
4/15/2022 11:00:00 AM	332.963	22.775	73.039	38.695	0.339	535.5
4/15/2022 12:00:00 PM	183.475	21.662	78.141	26.075	0.332	535.5

4/15/2022	01:00:00 PM	223.014	21.784	75.809	151.418	0.198	535.5
4/15/2022	02:00:00 PM	279.749	22.275	72.523	161.537	1.315	535.5
4/15/2022	03:00:00 PM	232.357	22.059	76.29	206.817	0.2	535.5
4/15/2022	04:00:00 PM	115.231	21.212	80.35	88.271	1.231	535.5
4/15/2022	05:00:00 PM	39.945	20.679	79.874	192.639	0.196	535.5
4/15/2022	06:00:00 PM	13.405	20.357	80.08	353.849	0.204	535.5
4/15/2022	07:00:00 PM	4.062	20.226	79.782	38.945	0.793	535.5
4/15/2022	08:00:00 PM	3.521	20.276	79.018	151.271	1.325	535.5
4/15/2022	09:00:00 PM	1.219	19.783	82.66	217.623	0.199	535.5
4/15/2022	10:00:00 PM	-3.114	19.515	82.392	41.763	1.219	535.5
4/15/2022	11:00:00 PM	1.625	19.695	80.489	121.895	0.425	535.5
4/16/2022	12:00:00 AM	2.166	19.523	77.903	28.866	0.853	535.5
4/16/2022	01:00:00 AM	3.521	19.467	74.87	94.366	1.683	535.5
4/16/2022	02:00:00 AM	-0.135	19.129	78.727	167.889	0.559	535.5
4/16/2022	03:00:00 AM	-1.354	18.642	84.151	122.52	0.548	535.5
4/16/2022	04:00:00 AM	2.166	19.012	83.436	69.785	0.191	535.5
4/16/2022	05:00:00 AM	3.656	19.388	79.956	40.844	0.191	535.5
4/16/2022	06:00:00 AM	16.113	19.39	76.049	152.878	0.204	535.5
4/16/2022	07:00:00 AM	70.682	19.87	71.008	335.528	0.385	535.6
4/16/2022	08:00:00 AM	179.142	20.908	60.557	41.521	0.557	535.6
4/16/2022	09:00:00 AM	345.556	21.973	57.149	107.486	0.883	535.6
4/16/2022	10:00:00 AM	409.062	22.835	51.999	89.395	0.731	535.6
4/16/2022	11:00:00 AM	446.569	23.013	52.209	99.856	0.844	535.6
4/16/2022	12:00:00 PM	405.947	23.333	53.336	155.293	0.198	535.6
4/16/2022	01:00:00 PM	251.043	22.944	55.298	201.828	0.491	535.6
4/16/2022	02:00:00 PM	96.274	21.989	56.846	310.758	0.203	535.6
4/16/2022	03:00:00 PM	110.085	21.692	57.446	125.654	0.535	535.6
4/16/2022	04:00:00 PM	48.205	21.314	58.492	134.664	0.786	535.6
4/16/2022	05:00:00 PM	14.353	21.048	54.995	204.216	0.197	535.6
4/16/2022	06:00:00 PM	4.468	20.842	55.699	132.746	0.458	535.6
4/16/2022	07:00:00 PM	1.76	20.721	54.549	38.285	1.066	535.6
4/16/2022	08:00:00 PM	2.166	20.499	55.665	241.225	0.371	535.6
4/16/2022	09:00:00 PM	2.166	20.33	58.706	119.876	0.196	535.6
4/16/2022	10:00:00 PM	2.302	19.828	63.508	114.938	0.41	535.6
4/16/2022	11:00:00 PM	1.083	19.537	66.554	139.094	0.357	535.6
4/17/2022	12:00:00 AM	1.083	19.636	64.069	135.641	1.923	535.6
4/17/2022	01:00:00 AM	2.437	19.506	65.716	125.963	0.719	535.6
4/17/2022	02:00:00 AM	-7.583	19.186	67.538	107.018	0.192	535.6
4/17/2022	03:00:00 AM	-0.948	18.329	76.506	152.385	1.065	535.7
4/17/2022	04:00:00 AM	-2.302	17.765	81.586	211.859	0.675	535.8
4/17/2022	05:00:00 AM	0.406	17.831	83.561	45.416	0.189	536.2
4/17/2022	06:00:00 AM	11.916	17.978	82.815	164.549	0.662	536.3
4/17/2022	07:00:00 AM	22.071	18.505	80.309	233.242	0.688	536.3
4/17/2022	08:00:00 AM	88.285	18.83	77.868	190.949	1.243	536.3
4/17/2022	09:00:00 AM	146.78	20.06	72.574	16.649	0.19	536.3
4/17/2022	10:00:00 AM	213.535	21.261	65.615	161.146	1.211	536.3
4/17/2022	11:00:00 AM	136.625	21.36	63.76	88.539	0.192	536.3
4/17/2022	12:00:00 PM	80.837	21.634	62.14	120.782	0.53	536.3
4/17/2022	01:00:00 PM	181.58	21.032	65.738	141.828	2.81	536.3
4/17/2022	02:00:00 PM	135.812	21.37	65.578	41.988	0.194	536.3

4/17/2022	03:00:00 PM	74.067	21.098	67.478	5.216	0.18	536.3
4/17/2022	04:00:00 PM	41.57	20.81	68.045	172.801	1.811	536.3
4/17/2022	05:00:00 PM	70.14	20.904	69.63	135.811	1.395	536.3
4/17/2022	06:00:00 PM	15.165	20.793	70.337	159.616	0.807	536.3
4/17/2022	07:00:00 PM	0.677	20.404	72.467	109.954	1.321	536.3
4/17/2022	08:00:00 PM	1.625	20.447	72.2	128.182	1.953	536.3
4/17/2022	09:00:00 PM	0.406	20.626	71.541	328.898	0.253	536.3
4/17/2022	10:00:00 PM	2.437	20.89	69.494	99.575	0.542	536.3
4/17/2022	11:00:00 PM	-1.083	20.879	70.434	50.69	0.193	536.3
4/18/2022	12:00:00 AM	1.625	20.72	71.599	101.756	0.615	536.3
4/18/2022	01:00:00 AM	-0.271	21.023	72.947	217.548	0.532	536.3
4/18/2022	02:00:00 AM	2.844	20.963	74.012	97.071	1.52	536.3
4/18/2022	03:00:00 AM	0.406	21.034	75.478	114.444	0.618	536.3
4/18/2022	04:00:00 AM	2.844	21.177	76.946	81.49	0.191	536.3
4/18/2022	05:00:00 AM	2.979	21.268	79.317	58.234	0.189	536.3
4/18/2022	06:00:00 AM	18.009	21.379	79.755	135.197	0.193	536.3
4/18/2022	07:00:00 AM	258.626	22.389	76.208	20.925	0.188	536.3
4/18/2022	08:00:00 AM	273.656	23.986	68.581	331.182	0.207	536.3
4/18/2022	09:00:00 AM	237.638	23.945	69.037	109.707	0.194	536.3
4/18/2022	10:00:00 AM	149.895	23.817	67.169	34.956	1.251	536.3
4/18/2022	11:00:00 AM	126.063	23.571	68.779	60.065	0.195	536.3
4/18/2022	12:00:00 PM	150.165	22.795	67.479	82.568	0.192	536.3
4/18/2022	01:00:00 PM	194.578	23.452	64.96	155.279	0.202	536.3
4/18/2022	02:00:00 PM	139.197	22.557	68.375	162.21	0.72	536.3
4/18/2022	03:00:00 PM	99.117	22.146	71.111	56.659	0.196	536.3
4/18/2022	04:00:00 PM	96.545	21.697	71.386	54.498	0.655	536.3
4/18/2022	05:00:00 PM	16.249	20.882	73.575	164.383	2.378	536.3
4/18/2022	06:00:00 PM	4.604	20.779	75.763	152.855	0.221	536.3
4/18/2022	07:00:00 PM	-2.031	20.152	81.249	71.971	0.417	536.3
4/18/2022	08:00:00 PM	1.896	20.145	81.409	147.244	0.991	536.3
4/18/2022	09:00:00 PM	2.573	20.342	73.842	194.114	0.579	536.3
4/18/2022	10:00:00 PM	0.948	20.37	71.963	105.227	0.319	536.3
4/18/2022	11:00:00 PM	2.708	20.235	75.249	152.56	0.575	536.3
4/19/2022	12:00:00 AM	1.354	20.058	76.644	182.401	0.193	536.3
4/19/2022	01:00:00 AM	1.896	20.041	74.804	99.535	0.772	536.3
4/19/2022	02:00:00 AM	2.573	20.03	75.09	116.365	0.554	536.3
4/19/2022	03:00:00 AM	1.219	19.961	70.131	177.009	0.248	536.3
4/19/2022	04:00:00 AM	3.114	18.608	78.553	154.89	1.491	536.3
4/19/2022	05:00:00 AM	-5.01	18.376	77.889	109.885	0.589	536.3
4/19/2022	06:00:00 AM	12.728	17.873	85.059	136.162	0.857	536.5
4/19/2022	07:00:00 AM	27.217	18.236	81.85	114.881	0.497	536.5
4/19/2022	08:00:00 AM	53.621	18.329	82.711	290.065	0.201	536.7
4/19/2022	09:00:00 AM	155.852	18.29	84.419	105.247	0.934	537.1
4/19/2022	10:00:00 AM	131.479	18.865	84.241	325.93	0.685	537.5
4/19/2022	11:00:00 AM	127.011	19.399	81.548	119.307	0.195	537.5
4/19/2022	12:00:00 PM	215.702	20.073	75.965	109.796	0.413	537.5
4/19/2022	01:00:00 PM	164.383	19.899	81.569	127.164	0.193	538.2
4/19/2022	02:00:00 PM	170.612	20.015	77.563	356.738	0.203	538.3
4/19/2022	03:00:00 PM	109.408	19.91	75.259	123.016	0.659	538.4
4/19/2022	04:00:00 PM	53.621	19.185	77.117	136.586	1.757	538.6

4/19/2022	05:00:00 PM	19.498	19.301	76.5	86.902	0.192	538.6
4/19/2022	06:00:00 PM	2.844	19.217	72.643	128.195	0.413	538.6
4/19/2022	07:00:00 PM	-0.135	19.003	75.58	13.491	0.186	538.6
4/19/2022	08:00:00 PM	-1.219	18.797	75.796	139.448	0.407	538.6
4/19/2022	09:00:00 PM	2.844	18.651	74.187	48.907	0.194	538.6
4/19/2022	10:00:00 PM	1.489	18.484	73.825	103.995	0.195	538.6
4/19/2022	11:00:00 PM	3.521	17.678	81.562	353.547	0.196	538.7
4/20/2022	12:00:00 AM	3.521	17.596	79.483	356.308	0.465	538.7
4/20/2022	01:00:00 AM	3.521	17.796	72.124	111.712	1.82	538.7
4/20/2022	02:00:00 AM	2.844	18.244	70.244	354.11	0.2	538.7
4/20/2022	03:00:00 AM	3.385	19.128	66.721	218.013	0.195	538.7
4/20/2022	04:00:00 AM	1.896	18.997	68.716	166.489	0.614	538.7
4/20/2022	05:00:00 AM	-2.573	18.285	78.243	205.525	0.197	538.8
4/20/2022	06:00:00 AM	6.093	18.092	84.583	123.046	0.192	539.2
4/20/2022	07:00:00 AM	54.569	18.389	87.268	186.912	0.342	539.5
4/20/2022	08:00:00 AM	125.657	19.425	82.827	154.153	0.193	539.6
4/20/2022	09:00:00 AM	165.737	19.884	84.328	244.003	0.194	539.9
4/20/2022	10:00:00 AM	181.986	21.427	73.269	86.424	0.191	539.9
4/20/2022	11:00:00 AM	175.215	21.806	70.207	90.737	0.807	539.9
4/20/2022	12:00:00 PM	247.658	22.383	67.821	175.722	1.383	540
4/20/2022	01:00:00 PM	570.059	24.04	64.319	143.806	0.706	540
4/20/2022	02:00:00 PM	135.271	24.999	62.644	88.134	0.193	540
4/20/2022	03:00:00 PM	106.158	24.282	67.3	52.378	0.358	540
4/20/2022	04:00:00 PM	59.037	24.526	65.293	148.643	1.302	540
4/20/2022	05:00:00 PM	15.707	22.279	77.427	7.236	0.186	540
4/20/2022	06:00:00 PM	5.958	22.195	78.391	323.295	0.199	540
4/20/2022	07:00:00 PM	2.166	22.277	77.7	173.16	0.454	540
4/20/2022	08:00:00 PM	2.166	22.517	74.577	103.353	0.191	540
4/20/2022	09:00:00 PM	2.302	22.45	77.968	256.362	0.199	540
4/20/2022	10:00:00 PM	2.166	22.192	81.606	227.056	0.569	540
4/20/2022	11:00:00 PM	2.979	22.053	81.706	36.588	0.193	540
4/21/2022	12:00:00 AM	1.625	21.636	82.245	165.696	0.195	540
4/21/2022	01:00:00 AM	1.896	21.545	83.819	280.341	0.752	540
4/21/2022	02:00:00 AM	1.489	21.4	84.775	128.42	0.185	540
4/21/2022	03:00:00 AM	3.385	21.495	85.745	84.917	0.381	540
4/21/2022	04:00:00 AM	4.198	21.674	85.027	181.515	0.197	540
4/21/2022	05:00:00 AM	2.979	21.896	84.323	266.191	0.201	540
4/21/2022	06:00:00 AM	2.031	21.578	85.525	254.994	0.195	540
4/21/2022	07:00:00 AM	29.925	21.382	89.784	90.463	0.191	540.4
4/21/2022	08:00:00 AM	90.316	21.938	91.092	144.478	0.195	540.4
4/21/2022	09:00:00 AM	235.877	22.51	89.105	40.83	0.193	540.4
4/21/2022	10:00:00 AM	203.109	24.42	78.097	131.732	0.196	540.4
4/21/2022	11:00:00 AM	115.366	24.674	78.036	9.571	0.186	540.4
4/21/2022	12:00:00 PM	150.572	24.775	78.74	102.14	0.619	540.4
4/21/2022	01:00:00 PM	380.085	26.348	72.482	56.223	0.602	540.4
4/21/2022	02:00:00 PM	586.714	27.667	66.778	115.396	0.409	540.4
4/21/2022	03:00:00 PM	269.593	29.05	61.501	275.502	0.245	540.4
4/21/2022	04:00:00 PM	181.986	29.077	60.708	149.481	0.197	540.4
4/21/2022	05:00:00 PM	117.262	28.607	64.045	79.903	0.197	540.4
4/21/2022	06:00:00 PM	15.165	27.837	68.201	174.725	0.198	540.4

4/21/2022	07:00:00	PM	0	26.419	75.871	107.822	0.195	540.4
4/21/2022	08:00:00	PM	0.948	25.512	80.09	356.258	0.207	540.4
4/21/2022	09:00:00	PM	1.76	25.233	80.911	123.577	0.195	540.4
4/21/2022	10:00:00	PM	1.354	24.416	84.065	111.655	0.206	540.4
4/21/2022	11:00:00	PM	0.271	24.012	83.484	169.285	0.766	540.4
4/22/2022	12:00:00	AM	1.354	23.447	84.771	101.333	0.194	540.4
4/22/2022	01:00:00	AM	0.812	23.125	84.947	132.878	0.196	540.4
4/22/2022	02:00:00	AM	-0.948	22.825	85.773	110.514	0.192	540.4
4/22/2022	03:00:00	AM	2.437	22.472	86.922	129.464	0.194	540.4
4/22/2022	04:00:00	AM	1.354	22.411	87.299	110.819	0.193	540.4
4/22/2022	05:00:00	AM	2.166	22.283	88.029	116.301	0.193	540.4
4/22/2022	06:00:00	AM	44.684	22.71	87.962	305.86	0.203	540.4
4/22/2022	07:00:00	AM	125.251	24.403	81.116	88.259	0.189	540.4
4/22/2022	08:00:00	AM	293.154	26.561	71.017	258.021	0.204	540.4
4/22/2022	09:00:00	AM	672.562	30.701	55.366	50.272	0.206	540.4
4/22/2022	10:00:00	AM	761.659	33.104	48.868	70.746	0.198	540.4
4/22/2022	11:00:00	AM	960.841	34.726	42.624	121.012	0.201	540.4
4/22/2022	12:00:00	PM	975.194	35.321	39.282	136.246	0.55	540.4
4/22/2022	01:00:00	PM	402.291	36.949	37.255	323.79	0.206	540.4
4/22/2022	02:00:00	PM	358.961	33.563	48.363	300.014	0.716	540.4
4/22/2022	03:00:00	PM	252.938	32.993	52.816	192.418	0.201	540.4
4/22/2022	04:00:00	PM	122.272	32.208	51.173	72.859	0.194	540.4
4/22/2022	05:00:00	PM	257.813	31.479	54.725	74.941	1.147	540.4
4/22/2022	06:00:00	PM	37.507	30.795	58.74	115.404	0.197	540.4
4/22/2022	07:00:00	PM	2.031	29.486	67.195	160.569	0.196	540.4
4/22/2022	08:00:00	PM	3.791	28.818	72.683	176.014	0.201	540.4
4/22/2022	09:00:00	PM	1.76	28.167	73.519	149.584	0.932	540.4
4/22/2022	10:00:00	PM	2.031	27.443	75.198	240.451	1.867	540.4
4/22/2022	11:00:00	PM	1.219	27.109	78.18	131.526	0.196	540.4
4/23/2022	12:00:00	AM	3.656	26.852	79.687	254.889	0.203	540.4
4/23/2022	01:00:00	AM	2.031	26.184	80.97	121.835	0.197	540.4
4/23/2022	02:00:00	AM	2.573	25.967	83.269	15.318	0.193	540.4
4/23/2022	03:00:00	AM	3.656	25.814	84.145	239.545	0.2	540.4
4/23/2022	04:00:00	AM	4.468	25.813	81.694	221.638	0.203	540.4
4/23/2022	05:00:00	AM	3.521	25.393	84.238	123.927	0.837	540.4
4/23/2022	06:00:00	AM	14.488	25.802	84.063	157.401	0.193	540.4
4/23/2022	07:00:00	AM	29.925	25.926	83.321	116.694	0.197	540.4
4/23/2022	08:00:00	AM	186.725	27.102	79.345	120.27	0.2	540.4
4/23/2022	09:00:00	AM	255.917	28.374	71.328	86.454	0.198	540.4
4/23/2022	10:00:00	AM	270.541	30.234	64.55	44.809	0.196	540.4
4/23/2022	11:00:00	AM	159.102	31.31	62.247	283.6	0.489	540.4
4/23/2022	12:00:00	PM	479.744	32.818	59.22	39.697	0.2	540.4
4/23/2022	01:00:00	PM	968.966	34.647	51.046	269.368	2.49	540.4
4/23/2022	02:00:00	PM	400.802	34.825	50.494	81.8	0.197	540.4
4/23/2022	03:00:00	PM	246.033	33.47	53.899	193.296	0.314	540.4
4/23/2022	04:00:00	PM	215.296	33.398	56.237	142.021	0.2	540.4
4/23/2022	05:00:00	PM	109.273	31.415	59.176	33.814	0.204	540.4
4/23/2022	06:00:00	PM	11.103	30.438	62.645	211.429	0.795	540.4
4/23/2022	07:00:00	PM	1.219	29.282	69.773	122.932	0.743	540.4
4/23/2022	08:00:00	PM	0.677	28.728	72.91	236.247	0.202	540.4

4/23/2022 09:00:00 PM	2.437	28.109	75.376	200.65	0.2	540.4
4/23/2022 10:00:00 PM	2.844	27.575	78.23	340.887	0.208	540.4
4/23/2022 11:00:00 PM	2.166	27.1	80.74	222.355	0.198	540.4
4/24/2022 12:00:00 AM	4.062	26.452	83.13	179.024	0.2	540.4
4/24/2022 01:00:00 AM	3.791	26.148	83.028	240.146	1.163	540.4
4/24/2022 02:00:00 AM	2.844	25.661	84.285	107.227	0.482	540.4
4/24/2022 03:00:00 AM	3.791	25.366	85.097	129.115	0.419	540.4
4/24/2022 04:00:00 AM	3.25	25.356	84.997	277.508	0.204	540.4
4/24/2022 05:00:00 AM	3.521	25.558	82.924	130.25	0.198	540.4
4/24/2022 06:00:00 AM	49.694	25.424	84.012	308.317	0.205	540.4
4/24/2022 07:00:00 AM	240.21	27.12	75.924	189.179	0.201	540.4
4/24/2022 08:00:00 AM	498.294	31.086	62.459	46.58	0.199	540.4
4/24/2022 09:00:00 AM	782.918	32.827	56.551	103.079	0.559	540.4
4/24/2022 10:00:00 AM	909.116	33.695	53.375	355.571	0.209	540.4
4/24/2022 11:00:00 AM	302.362	34.85	48.256	32.288	0.199	540.4
4/24/2022 12:00:00 PM	647.918	34.501	51.094	323.736	0.207	540.4
4/24/2022 01:00:00 PM	249.689	32.563	60.379	355.727	0.213	540.4
4/24/2022 02:00:00 PM	99.794	28.58	81.511	55.256	0.199	541.7
4/24/2022 03:00:00 PM	178.194	27.72	90.127	47.317	0.36	557.1
4/24/2022 04:00:00 PM	444.267	30.179	73.125	135.347	0.337	557.4
4/24/2022 05:00:00 PM	148.811	30.381	72.116	331.354	0.215	557.4
4/24/2022 06:00:00 PM	17.332	29.751	77.315	97.407	1.067	557.4
4/24/2022 07:00:00 PM	0.948	28.768	80.361	282.402	0.208	557.4
4/24/2022 08:00:00 PM	1.354	28.163	82.093	198.483	0.596	557.4
4/24/2022 09:00:00 PM	1.489	27.714	82.028	255.247	0.451	557.4
4/24/2022 10:00:00 PM	1.489	26.995	80.162	250.121	1.844	557.4
4/24/2022 11:00:00 PM	2.573	26.426	81.749	206.665	1.169	557.4
4/25/2022 12:00:00 AM	1.625	25.71	85.209	277.491	0.873	557.4
4/25/2022 01:00:00 AM	1.219	25.758	83.578	168.749	0.201	557.4
4/25/2022 02:00:00 AM	3.927	25.55	83.011	208.39	1.809	557.4
4/25/2022 03:00:00 AM	4.468	25.232	84.458	235.79	0.202	557.4
4/25/2022 04:00:00 AM	5.145	25.48	81.566	250.101	0.8	557.4
4/25/2022 05:00:00 AM	4.739	25.458	82.047	234.347	1.14	557.4
4/25/2022 06:00:00 AM	60.256	25.612	78.828	249.206	1.281	557.4
4/25/2022 07:00:00 AM	317.392	27.916	71.767	135.07	0.564	557.4
4/25/2022 08:00:00 AM	526.323	30.803	61.259	216.462	0.514	557.4
4/25/2022 09:00:00 AM	730.245	33.977	52.27	118.963	0.201	557.4
4/25/2022 10:00:00 AM	427.206	34.192	51.197	116.759	0.201	557.4
4/25/2022 11:00:00 AM	502.627	35.313	50.062	71.012	0.198	557.4
4/25/2022 12:00:00 PM	221.931	33.66	55.441	106.824	0.927	557.4
4/25/2022 01:00:00 PM	168.851	33.321	59.014	19.942	0.567	557.4
4/25/2022 02:00:00 PM	116.991	33.625	58.88	59.321	0.406	557.4
4/25/2022 03:00:00 PM	77.994	29.429	83.292	79.657	0.201	563.5
4/25/2022 04:00:00 PM	103.044	29.506	81.68	45.722	0.321	563.6
4/25/2022 05:00:00 PM	36.018	28.997	81.393	214.697	0.202	563.6
4/25/2022 06:00:00 PM	16.655	28.7	81.875	320.942	0.207	563.6
4/25/2022 07:00:00 PM	5.687	28.617	83.147	207.074	0.201	563.6
4/25/2022 08:00:00 PM	4.062	28.493	84.447	143.804	0.201	563.6
4/25/2022 09:00:00 PM	1.083	28.275	85.428	142.167	0.547	563.6
4/25/2022 10:00:00 PM	2.979	27.978	86.216	96.912	0.2	563.6

4/25/2022	11:00:00 PM	2.573	27.768	86.839	110.801	0.199	563.6
4/26/2022	12:00:00 AM	3.385	27.481	87.991	67.795	0.515	563.6
4/26/2022	01:00:00 AM	2.437	27.189	88.039	74.083	0.194	563.6
4/26/2022	02:00:00 AM	2.166	26.95	88.523	83.215	0.194	563.6
4/26/2022	03:00:00 AM	2.844	26.322	88.398	267.375	0.615	563.6
4/26/2022	04:00:00 AM	2.844	26.085	87.717	241.953	1.001	563.6
4/26/2022	05:00:00 AM	2.573	26.347	87.575	47.753	0.197	563.6
4/26/2022	06:00:00 AM	54.162	26.418	85.167	223.109	0.203	563.6
4/26/2022	07:00:00 AM	286.248	29.523	74.598	136.396	0.2	563.6
4/26/2022	08:00:00 AM	373.044	32.05	65.519	89.819	0.201	563.6
4/26/2022	09:00:00 AM	763.284	34.112	59.182	171.458	0.202	563.6
4/26/2022	10:00:00 AM	525.24	35.551	49.622	118.485	0.202	563.6
4/26/2022	11:00:00 AM	1072.551	36.243	44.416	121.86	0.203	563.6
4/26/2022	12:00:00 PM	1074.718	37.931	41.934	339.31	0.214	563.6
4/26/2022	01:00:00 PM	741.213	37.762	43.779	160.265	0.423	563.6
4/26/2022	02:00:00 PM	252.938	37.179	46.764	198.318	0.757	563.6
4/26/2022	03:00:00 PM	281.509	35.566	51.617	139.084	0.202	563.6
4/26/2022	04:00:00 PM	91.264	33.484	56.749	80.12	0.236	563.6
4/26/2022	05:00:00 PM	36.56	31.992	60.019	275.542	0.211	563.6
4/26/2022	06:00:00 PM	10.155	31.627	62.875	40.61	0.491	563.6
4/26/2022	07:00:00 PM	4.062	31.143	64.567	96.333	0.832	563.6
4/26/2022	08:00:00 PM	2.844	30.671	69.166	193.218	0.201	563.6
4/26/2022	09:00:00 PM	1.896	29.834	74.609	133.042	0.201	563.6
4/26/2022	10:00:00 PM	2.573	29.104	76.657	122.465	0.567	563.6
4/26/2022	11:00:00 PM	3.25	28.768	78.806	139.867	1.018	563.6
4/27/2022	12:00:00 AM	4.198	28.703	79.125	61.644	0.197	563.6
4/27/2022	01:00:00 AM	3.927	28.324	80.512	149.078	0.462	563.6
4/27/2022	02:00:00 AM	3.25	28.37	81.141	86.473	0.198	563.6
4/27/2022	03:00:00 AM	3.521	28.317	80.409	121.31	0.197	563.6
4/27/2022	04:00:00 AM	4.739	28.065	81.473	112.38	0.199	563.6
4/27/2022	05:00:00 AM	5.01	27.799	82.841	259.546	0.36	563.6
4/27/2022	06:00:00 AM	85.712	27.844	83.043	249.123	0.333	563.6
4/27/2022	07:00:00 AM	62.558	28.511	80.155	72.439	0.194	563.6
4/27/2022	08:00:00 AM	262.281	30.697	72.582	156.602	0.2	563.6
4/27/2022	09:00:00 AM	314.142	32.565	64.701	66.601	0.667	563.6
4/27/2022	10:00:00 AM	394.302	33.902	58.98	319.802	0.446	563.6
4/27/2022	11:00:00 AM	120.918	31.368	68.02	36.047	1.086	563.6
4/27/2022	12:00:00 PM	138.927	32.471	61.043	311.337	0.208	563.6
4/27/2022	01:00:00 PM	139.874	30.455	69.271	113.099	0.564	563.6
4/27/2022	02:00:00 PM	126.198	31.072	66.811	134.888	0.205	563.6
4/27/2022	03:00:00 PM	297.622	31.668	63.953	346.979	0.559	563.6
4/27/2022	04:00:00 PM	174.403	31.829	64.231	333.796	0.207	563.6
4/27/2022	05:00:00 PM	17.061	29.795	71.976	10.927	0.191	563.6
4/27/2022	06:00:00 PM	4.604	27.739	80.583	157.572	0.785	563.6
4/27/2022	07:00:00 PM	7.989	27.036	86.316	118.616	0.56	564.6
4/27/2022	08:00:00 PM	5.552	27.287	83.927	134.396	0.951	564.7
4/27/2022	09:00:00 PM	6.229	27.605	79.501	33.682	0.658	564.7
4/27/2022	10:00:00 PM	5.281	27.475	80.413	218.167	0.204	564.7
4/27/2022	11:00:00 PM	2.708	27.116	80.99	140.847	0.353	564.7
4/28/2022	12:00:00 AM	2.979	27.026	82.198	165.726	0.423	564.7

4/28/2022 01:00:00 AM	2.302	26.761	83.567	125.757	0.828	564.7
4/28/2022 02:00:00 AM	2.437	26.491	85.92	111.211	0.378	564.7
4/28/2022 03:00:00 AM	4.739	26.433	87.366	243.123	0.509	564.7
4/28/2022 04:00:00 AM	3.927	26.627	85.929	122.784	0.4	564.7
4/28/2022 05:00:00 AM	3.927	26.721	85.044	245.955	0.738	564.7
4/28/2022 06:00:00 AM	16.655	26.877	85.258	288.999	0.656	564.7
4/28/2022 07:00:00 AM	35.476	27.157	83.538	111.193	0.199	564.7
4/28/2022 08:00:00 AM	227.618	27.902	81.332	154.144	0.613	564.7
4/28/2022 09:00:00 AM	300.195	31.365	66.386	239.892	0.896	564.7
4/28/2022 10:00:00 AM	895.034	33.336	57.755	183.624	0.207	564.7
4/28/2022 11:00:00 AM	759.222	33.538	54.864	95.72	0.656	564.7
4/28/2022 12:00:00 PM	987.922	35.305	52.14	216.941	0.208	564.7
4/28/2022 01:00:00 PM	333.37	33.961	55.163	340.344	1.153	564.7
4/28/2022 02:00:00 PM	628.961	32.193	60.157	101.975	0.624	564.7
4/28/2022 03:00:00 PM	408.249	33.014	58.052	49.636	0.65	564.7
4/28/2022 04:00:00 PM	32.633	30.977	64.75	125.939	0.793	564.7
4/28/2022 05:00:00 PM	68.922	30.546	67.999	186.543	0.198	564.7
4/28/2022 06:00:00 PM	18.144	29.972	70.49	273.898	0.206	564.7
4/28/2022 07:00:00 PM	4.198	29.393	72.055	43.66	0.813	564.7
4/28/2022 08:00:00 PM	2.031	29.107	73.561	128.475	0.472	564.7
4/28/2022 09:00:00 PM	3.521	28.454	77.334	107.241	0.199	564.7
4/28/2022 10:00:00 PM	2.573	27.975	79.645	105.408	0.362	564.7
4/28/2022 11:00:00 PM	1.76	27.697	81.542	163	0.556	564.7
4/29/2022 12:00:00 AM	1.625	27.712	81.614	250.302	0.207	564.7
4/29/2022 01:00:00 AM	2.708	26.723	85.27	176.903	0.48	564.7
4/29/2022 02:00:00 AM	2.166	26.85	84.344	165.138	0.204	564.7
4/29/2022 03:00:00 AM	1.354	26.707	84.2	357.314	0.205	564.7
4/29/2022 04:00:00 AM	2.708	26.359	84.396	91.115	0.195	564.7
4/29/2022 05:00:00 AM	1.896	26.461	84.462	125.49	0.216	564.7
4/29/2022 06:00:00 AM	60.662	26.49	83.281	231.052	0.88	564.7
4/29/2022 07:00:00 AM	157.613	28.154	75.993	228.581	1.538	564.7
4/29/2022 08:00:00 AM	545.957	30.637	64.748	92.978	0.697	564.7
4/29/2022 09:00:00 AM	525.917	33.067	58.152	116.8	0.202	564.7
4/29/2022 10:00:00 AM	947.842	34.821	51.555	355.491	0.618	564.7
4/29/2022 11:00:00 AM	1015.681	33.669	54.561	196.776	1.638	564.7
4/29/2022 12:00:00 PM	1004.307	35.733	53.893	215.302	0.209	564.7
4/29/2022 01:00:00 PM	279.207	34.412	57.721	343.763	0.694	564.7
4/29/2022 02:00:00 PM	530.792	31.209	69.682	219.804	1.869	564.7
4/29/2022 03:00:00 PM	27.081	27.943	73.534	51.627	1.083	564.7
4/29/2022 04:00:00 PM	29.654	25.425	78.864	111.454	0.96	564.7
4/29/2022 05:00:00 PM	8.666	24.752	77.314	339.798	0.904	564.7
4/29/2022 06:00:00 PM	5.145	23.804	80.451	70.467	1.155	564.7
4/29/2022 07:00:00 PM	0	22.91	84.985	45.635	1.337	564.7
4/29/2022 08:00:00 PM	1.083	22.524	84.3	159.697	0.722	564.7
4/29/2022 09:00:00 PM	1.625	22.354	85.626	90.75	0.425	564.7
4/29/2022 10:00:00 PM	3.521	22.541	82.337	210.915	0.201	564.7
4/29/2022 11:00:00 PM	4.333	22.586	81.445	100.263	0.197	564.7
4/30/2022 12:00:00 AM	3.25	22.478	82.451	62.361	0.686	564.7
4/30/2022 01:00:00 AM	4.875	22.38	81.847	148.444	0.565	564.7
4/30/2022 02:00:00 AM	4.739	22.109	82.892	244.794	0.232	564.7

4/30/2022 03:00:00 AM	3.927	22.44	81.398	156.762	0.197	564.7
4/30/2022 04:00:00 AM	4.333	22.535	80.436	19.089	0.197	564.7
4/30/2022 05:00:00 AM	3.927	22.533	79.875	143.381	1.014	564.7
4/30/2022 06:00:00 AM	28.029	22.612	81.259	264.315	0.43	564.7
4/30/2022 07:00:00 AM	145.426	23.064	78.371	137.181	0.575	564.7
4/30/2022 08:00:00 AM	90.316	22.915	79.976	282.404	0.372	564.7
4/30/2022 09:00:00 AM	318.61	23.665	76.804	123.348	0.205	564.7
4/30/2022 10:00:00 AM	166.143	23.733	75.296	111.208	0.588	564.7
4/30/2022 11:00:00 AM	449.819	24.524	70.526	103.881	2.963	564.7
4/30/2022 12:00:00 PM	434.518	25.18	68.421	94.525	1.123	564.7
4/30/2022 01:00:00 PM	309.944	25.155	69.055	193.022	0.2	564.7
4/30/2022 02:00:00 PM	205.411	24.108	74.518	87.361	0.805	564.7
4/30/2022 03:00:00 PM	95.867	23.727	76.127	108.559	0.195	564.7
4/30/2022 04:00:00 PM	31.82	23.405	77.719	56.494	0.195	564.7
4/30/2022 05:00:00 PM	22.342	23.124	80.98	40.484	0.192	564.7
4/30/2022 06:00:00 PM	9.614	22.926	83.048	99.517	1.503	564.7
4/30/2022 07:00:00 PM	3.927	22.874	83.833	87.334	1.659	564.7
4/30/2022 08:00:00 PM	0.948	22.802	84.702	101.748	0.195	564.7
4/30/2022 09:00:00 PM	3.385	22.956	81.984	248.651	0.204	564.7
4/30/2022 10:00:00 PM	0	22.59	85.015	96.437	0.195	564.8
4/30/2022 11:00:00 PM	2.979	22.281	86.661	52.874	0.476	564.8
5/1/2022 12:00:00 AM	4.604	22.055	85.108	82.882	0.852	564.8