

		Pyranometer [W/m ²]	Temperature [°C]	RH [%RH]	Wind Direction [angle]	Wind Speed [m/s]	Rain sensor [mm]
7/1/2022	01:00:00 AM	-0.406	31.54	64.471	155.547	1.668	475.6
7/1/2022	02:00:00 AM	0.812	31.228	65.308	138.579	0.201	475.6
7/1/2022	03:00:00 AM	-0.948	31.154	65.165	54.657	0.779	475.6
7/1/2022	04:00:00 AM	-1.219	30.956	62.835	141.942	0.511	475.6
7/1/2022	05:00:00 AM	2.031	30.578	66.013	60.815	0.194	475.6
7/1/2022	06:00:00 AM	39.539	30.872	63.301	142.992	0.202	475.6
7/1/2022	07:00:00 AM	358.826	32.534	59.095	91.276	0.551	475.6
7/1/2022	08:00:00 AM	287.467	32.315	59.86	111.985	0.869	475.6
7/1/2022	09:00:00 AM	672.562	32.812	58.509	88.386	1.125	475.6
7/1/2022	10:00:00 AM	893.68	34.048	53.056	83.306	1.478	475.6
7/1/2022	11:00:00 AM	1133.89	34.735	51.433	146.75	0.394	475.6
7/1/2022	12:00:00 PM	1001.869	35.569	49.853	159.059	0.226	475.6
7/1/2022	01:00:00 PM	725.235	34.243	55.991	122.439	0.709	475.6
7/1/2022	02:00:00 PM	989.683	34.44	54.244	121.508	2.666	475.6
7/1/2022	03:00:00 PM	374.398	34.126	55.852	98.367	1.163	475.6
7/1/2022	04:00:00 PM	152.467	33.453	55.702	32.04	1.013	475.6
7/1/2022	05:00:00 PM	59.849	33.3	56.923	148.394	1.975	475.6
7/1/2022	06:00:00 PM	29.248	32.715	60.134	83.605	0.755	475.6
7/1/2022	07:00:00 PM	-0.677	31.54	64.671	355.92	0.397	475.6
7/1/2022	08:00:00 PM	0.135	31.033	66.254	194.124	0.205	475.6
7/1/2022	09:00:00 PM	1.219	31.406	64.929	144.839	1.894	475.6
7/1/2022	10:00:00 PM	1.625	31.215	64.949	160.575	1.5	475.6
7/1/2022	11:00:00 PM	0.406	30.908	65.138	176.699	0.205	475.6
7/2/2022	12:00:00 AM	0	30.577	66.858	198.008	0.785	475.6
7/2/2022	01:00:00 AM	-0.542	30.229	68.141	223.627	0.74	475.6
7/2/2022	02:00:00 AM	0	30.114	69.736	106.932	0.201	475.6
7/2/2022	03:00:00 AM	0.542	29.373	72.981	268.181	0.627	475.6
7/2/2022	04:00:00 AM	2.302	29.35	73.562	20.471	0.197	475.6
7/2/2022	05:00:00 AM	2.166	29.209	74.556	165.859	0.209	475.6
7/2/2022	06:00:00 AM	70.276	29.423	74.004	253.829	1.939	475.6
7/2/2022	07:00:00 AM	41.84	30.428	69.85	215.291	0.206	475.6
7/2/2022	08:00:00 AM	150.572	30.681	72.315	14.957	0.198	475.6
7/2/2022	09:00:00 AM	237.638	31.975	69.643	86.959	0.204	475.6
7/2/2022	10:00:00 AM	521.99	33.724	63.297	109.987	0.2	475.6
7/2/2022	11:00:00 AM	37.237	29.554	77.27	329.627	0.612	476.4
7/2/2022	12:00:00 PM	131.344	27.667	92.613	187.206	0.379	500.9
7/2/2022	01:00:00 PM	404.729	29.848	85.841	203.135	0.438	501.1
7/2/2022	02:00:00 PM	467.963	32.777	68.333	101.769	0.199	501.1
7/2/2022	03:00:00 PM	188.214	32.444	67.56	101.541	0.233	501.1
7/2/2022	04:00:00 PM	296.268	32.906	65.557	187.013	0.206	501.1
7/2/2022	05:00:00 PM	96.951	32.83	64.356	31.356	0.201	501.1
7/2/2022	06:00:00 PM	80.296	31.073	74.489	144.097	0.895	501.1
7/2/2022	07:00:00 PM	0.948	29.819	78.124	38.402	0.193	501.1
7/2/2022	08:00:00 PM	-0.948	29.386	79.887	242.525	0.646	501.1
7/2/2022	09:00:00 PM	0.948	29.309	83.067	333.815	0.21	501.1
7/2/2022	10:00:00 PM	-1.625	28.42	87.298	225.841	0.208	501.1
7/2/2022	11:00:00 PM	-0.135	28.638	85.252	257.2	0.984	501.1
7/3/2022	12:00:00 AM	0.677	28.44	85.422	179.717	0.454	501.1

7/3/2022	01:00:00 AM	0.135	28.461	85.527	112.548	0.199	501.1
7/3/2022	02:00:00 AM	2.437	28.577	83.962	228.522	0.202	501.1
7/3/2022	03:00:00 AM	3.114	28.254	85.63	265.697	1.397	501.1
7/3/2022	04:00:00 AM	1.896	28.378	85.887	258.543	0.205	501.1
7/3/2022	05:00:00 AM	3.656	28.488	84.122	258.381	1.186	501.1
7/3/2022	06:00:00 AM	65.537	29.14	81.011	279.367	0.269	501.1
7/3/2022	07:00:00 AM	145.832	30.181	75.931	233.915	0.81	501.1
7/3/2022	08:00:00 AM	232.898	31.255	70.751	238.465	0.797	501.1
7/3/2022	09:00:00 AM	384.147	31.855	68.097	184.635	0.588	501.1
7/3/2022	10:00:00 AM	44.278	31.825	68.12	274.116	1.609	501.1
7/3/2022	11:00:00 AM	172.507	33.69	65.963	157.625	0.203	501.6
7/3/2022	12:00:00 PM	160.05	33.724	62.725	211.711	0.319	501.6
7/3/2022	01:00:00 PM	163.435	32.929	66.546	202.724	0.74	501.6
7/3/2022	02:00:00 PM	253.48	33.635	65.039	160.924	0.996	501.6
7/3/2022	03:00:00 PM	193.631	33.19	67.029	301.057	0.487	501.6
7/3/2022	04:00:00 PM	75.557	32.686	69.232	47.985	0.473	501.6
7/3/2022	05:00:00 PM	46.85	32.253	71.474	155.231	0.202	501.6
7/3/2022	06:00:00 PM	15.03	32.235	72.499	58.827	0.198	501.6
7/3/2022	07:00:00 PM	1.76	31.431	72.114	94.99	0.201	501.6
7/3/2022	08:00:00 PM	1.219	30.537	73.972	159.401	0.432	501.6
7/3/2022	09:00:00 PM	1.354	30.215	76.472	179.771	0.202	501.6
7/3/2022	10:00:00 PM	1.896	29.688	78.035	222.239	0.206	501.6
7/3/2022	11:00:00 PM	0.812	29.506	77.697	244.704	0.686	501.6
7/4/2022	12:00:00 AM	1.083	29.219	80.242	256.723	1.649	501.6
7/4/2022	01:00:00 AM	-0.406	28.807	80.846	286.811	1.548	501.6
7/4/2022	02:00:00 AM	0.677	28.653	81.691	135.243	0.197	501.6
7/4/2022	03:00:00 AM	1.76	28.44	82.314	224.141	1.521	501.6
7/4/2022	04:00:00 AM	0.677	28.64	82.004	285.133	0.936	501.6
7/4/2022	05:00:00 AM	1.625	28.246	83.195	227.023	1.517	501.6
7/4/2022	06:00:00 AM	78.671	28.622	80.865	274.365	0.727	501.6
7/4/2022	07:00:00 AM	233.305	31.18	73.658	82.219	0.203	501.6
7/4/2022	08:00:00 AM	550.967	33.826	62.457	251.724	1.309	501.6
7/4/2022	09:00:00 AM	789.146	35.489	54.371	76.461	0.797	501.6
7/4/2022	10:00:00 AM	627.201	36.234	50.499	133.368	0.367	501.6
7/4/2022	11:00:00 AM	348.671	37.447	47.966	17.61	0.201	501.6
7/4/2022	12:00:00 PM	385.095	37.516	47.235	100.665	1.408	501.6
7/4/2022	01:00:00 PM	183.34	35.969	53.601	345.475	0.58	501.6
7/4/2022	02:00:00 PM	194.714	32.453	70.354	250.636	0.208	502.2
7/4/2022	03:00:00 PM	4.875	30.336	80.676	259.353	0.207	502.6
7/4/2022	04:00:00 PM	23.29	29.445	89.369	255.006	1.201	504.8
7/4/2022	05:00:00 PM	28.841	29.067	88.044	157.885	0.22	505.2
7/4/2022	06:00:00 PM	24.779	29.122	87.282	131.754	0.204	505.4
7/4/2022	07:00:00 PM	1.896	28.987	88.702	142.068	0.201	505.7
7/4/2022	08:00:00 PM	3.25	29.076	87.599	240.633	0.204	505.7
7/4/2022	09:00:00 PM	2.573	29.26	87.353	218.469	0.7	505.7
7/4/2022	10:00:00 PM	3.521	29.384	89.376	187.992	0.204	505.7
7/4/2022	11:00:00 PM	3.25	28.732	89.638	146.107	0.516	505.7
7/5/2022	12:00:00 AM	-0.135	28.677	88.119	114.333	0.199	505.7
7/5/2022	01:00:00 AM	1.489	28.618	87.535	15.372	0.195	505.7
7/5/2022	02:00:00 AM	1.625	28.311	87.164	182.806	0.447	505.7

7/5/2022	03:00:00 AM	0.406	27.99	85.706	252.847	1.783	505.7
7/5/2022	04:00:00 AM	1.489	27.94	84.84	199.205	0.203	505.7
7/5/2022	05:00:00 AM	4.875	27.901	87.19	182.88	0.2	505.7
7/5/2022	06:00:00 AM	56.194	28.247	85.141	192.439	0.199	505.7
7/5/2022	07:00:00 AM	315.09	30.987	70.593	279.481	0.346	505.7
7/5/2022	08:00:00 AM	549.072	33.421	62.403	229.786	0.205	505.7
7/5/2022	09:00:00 AM	739.859	35.399	54.77	208.836	0.208	505.7
7/5/2022	10:00:00 AM	903.429	36.337	52.62	80.945	0.987	505.7
7/5/2022	11:00:00 AM	1027.867	38.072	45.724	118.661	0.205	505.7
7/5/2022	12:00:00 PM	1285.816	37.921	45.576	328.039	0.25	505.7
7/5/2022	01:00:00 PM	61.339	30.725	78.888	215.872	0.533	506.6
7/5/2022	02:00:00 PM	112.387	28.762	86.881	250.992	0.788	508.3
7/5/2022	03:00:00 PM	33.174	29.323	85.761	156.489	0.2	508.6
7/5/2022	04:00:00 PM	53.621	28.165	89.404	257.562	1.349	510.8
7/5/2022	05:00:00 PM	78.806	28.523	91.417	214.805	0.203	512.8
7/5/2022	06:00:00 PM	55.652	28.991	86.4	120.419	0.202	512.8
7/5/2022	07:00:00 PM	5.416	29.271	85.653	137.85	1.803	512.8
7/5/2022	08:00:00 PM	1.219	29.141	85.648	233.65	0.601	512.8
7/5/2022	09:00:00 PM	1.625	28.699	87.274	34.474	0.199	512.8
7/5/2022	10:00:00 PM	0.677	28.783	85.165	19.93	0.59	512.8
7/5/2022	11:00:00 PM	1.896	28.625	84.219	272.794	1.595	512.8
7/6/2022	12:00:00 AM	1.625	28.161	86.748	236.309	0.202	512.8
7/6/2022	01:00:00 AM	-0.677	27.75	88.609	254.968	0.553	512.8
7/6/2022	02:00:00 AM	0.271	27.71	86.75	272.833	0.205	512.8
7/6/2022	03:00:00 AM	1.083	28.034	87.535	195.401	0.199	512.8
7/6/2022	04:00:00 AM	-0.406	27.861	87.452	92.283	0.591	512.8
7/6/2022	05:00:00 AM	1.625	27.913	86.787	24.153	0.195	512.8
7/6/2022	06:00:00 AM	41.028	28.328	85.32	205.224	0.588	512.8
7/6/2022	07:00:00 AM	334.724	31.189	71.412	154.246	0.201	512.8
7/6/2022	08:00:00 AM	562.206	33.325	61.409	237.382	1.061	512.8
7/6/2022	09:00:00 AM	613.525	35.522	53.642	256.416	0.21	512.8
7/6/2022	10:00:00 AM	557.196	35.404	50.223	226.799	0.798	512.8
7/6/2022	11:00:00 AM	400.937	37.091	43.543	38.089	0.202	512.8
7/6/2022	12:00:00 PM	973.705	38.024	44.284	106.254	0.202	512.8
7/6/2022	01:00:00 PM	325.922	38.108	39.799	121.559	0.396	512.8
7/6/2022	02:00:00 PM	295.862	33.787	58.993	116.022	0.749	512.8
7/6/2022	03:00:00 PM	196.339	32.299	65.494	269.54	1.636	512.8
7/6/2022	04:00:00 PM	128.636	32.803	64.397	252.117	2.672	512.8
7/6/2022	05:00:00 PM	128.23	32.668	65.97	228.568	2.395	512.8
7/6/2022	06:00:00 PM	40.08	31.305	68.977	100.049	0.836	512.8
7/6/2022	07:00:00 PM	1.219	31.313	69.244	350.678	0.214	512.8
7/6/2022	08:00:00 PM	0.406	30.92	72.193	70.869	0.946	512.8
7/6/2022	09:00:00 PM	-0.948	30.446	76.157	100.546	0.198	512.8
7/6/2022	10:00:00 PM	-1.489	30.168	77.354	135.642	0.2	512.8
7/6/2022	11:00:00 PM	0	29.713	81.893	97.807	0.572	512.8
7/7/2022	12:00:00 AM	0.542	29.612	79.341	279.503	0.542	512.8
7/7/2022	01:00:00 AM	-1.76	29.571	82.314	303.654	0.208	512.8
7/7/2022	02:00:00 AM	-1.083	28.993	79.663	193.881	0.369	512.8
7/7/2022	03:00:00 AM	1.354	28.941	80.928	211.78	1.65	512.8
7/7/2022	04:00:00 AM	1.76	29.136	80.066	118.353	0.198	512.8

7/7/2022	05:00:00 AM	1.489	28.406	83.876	295.124	0.208	512.8
7/7/2022	06:00:00 AM	39.403	28.475	82.152	230.538	1.367	512.8
7/7/2022	07:00:00 AM	299.518	31.803	70.562	170.252	0.203	512.8
7/7/2022	08:00:00 AM	531.333	34.264	58.723	152.171	0.756	512.8
7/7/2022	09:00:00 AM	723.068	35.784	52.464	271.752	0.969	512.8
7/7/2022	10:00:00 AM	924.417	36.57	49.78	238.309	2.105	512.8
7/7/2022	11:00:00 AM	668.229	38.174	47.776	51.327	0.205	512.8
7/7/2022	12:00:00 PM	1080.54	37.464	48.37	136.041	0.205	512.8
7/7/2022	01:00:00 PM	188.079	36.238	55.384	342.88	0.214	512.8
7/7/2022	02:00:00 PM	17.874	29.959	76.418	144.541	0.218	512.8
7/7/2022	03:00:00 PM	65.537	28.886	88.891	286.273	0.205	520.6
7/7/2022	04:00:00 PM	86.389	29.465	85.397	227.111	1.957	520.6
7/7/2022	05:00:00 PM	149.624	30.881	78.749	211.569	0.872	520.6
7/7/2022	06:00:00 PM	42.924	31.17	76.379	191.831	0.976	520.7
7/7/2022	07:00:00 PM	1.896	30.63	79.633	237.994	1.105	520.7
7/7/2022	08:00:00 PM	2.031	29.925	82.819	234.42	0.206	520.7
7/7/2022	09:00:00 PM	0.406	29.543	86.133	170.887	0.202	520.7
7/7/2022	10:00:00 PM	0.271	29.502	85.766	112.866	0.203	520.7
7/7/2022	11:00:00 PM	-0.812	28.991	85.246	162.8	0.204	520.7
7/8/2022	12:00:00 AM	-0.812	28.544	85.286	245.046	2.028	520.7
7/8/2022	01:00:00 AM	-0.135	28.687	85.493	288.737	0.204	520.7
7/8/2022	02:00:00 AM	-0.406	28.471	87.033	95.649	0.197	520.7
7/8/2022	03:00:00 AM	0.542	28.284	87.333	218.313	0.203	520.7
7/8/2022	04:00:00 AM	1.219	28.104	87.256	38.964	0.2	520.7
7/8/2022	05:00:00 AM	0	28.039	87.471	159.291	0.203	520.7
7/8/2022	06:00:00 AM	30.873	28.109	85.464	254.471	0.203	520.7
7/8/2022	07:00:00 AM	329.037	30.572	70.797	174.857	1.414	520.7
7/8/2022	08:00:00 AM	547.311	33.148	61.17	236.184	0.832	520.7
7/8/2022	09:00:00 AM	745.139	36.045	52.145	25.174	0.199	520.7
7/8/2022	10:00:00 AM	885.556	36.943	48.184	190.88	0.436	520.7
7/8/2022	11:00:00 AM	840.872	38.311	43.694	241.603	0.843	520.7
7/8/2022	12:00:00 PM	357.607	38.768	41.252	143.866	0.274	520.7
7/8/2022	01:00:00 PM	454.694	37.489	50.709	170.132	0.208	520.7
7/8/2022	02:00:00 PM	989.277	37.782	46.949	204.322	0.611	520.7
7/8/2022	03:00:00 PM	242.512	37.165	50.975	264.135	0.211	520.7
7/8/2022	04:00:00 PM	252.938	36.424	52.251	51.968	0.194	520.7
7/8/2022	05:00:00 PM	80.702	35.083	56.278	36.854	0.199	520.7
7/8/2022	06:00:00 PM	15.301	34.64	58.807	15.584	0.198	520.7
7/8/2022	07:00:00 PM	1.625	33.947	62.256	165.684	0.203	520.7
7/8/2022	08:00:00 PM	0.677	32.87	66.489	124.187	0.606	520.7
7/8/2022	09:00:00 PM	-1.083	31.988	69.165	132.115	0.587	520.7
7/8/2022	10:00:00 PM	1.489	31.204	77.004	199.577	0.804	520.7
7/8/2022	11:00:00 PM	0.406	30.944	77.484	116.714	0.507	520.7
7/9/2022	12:00:00 AM	0.406	30.113	80.537	252.651	2.18	520.7
7/9/2022	01:00:00 AM	637.356	34.536	58.807	266.769	0.213	0
7/9/2022	02:00:00 AM	857.797	35.646	55.588	42.728	1.163	0
7/9/2022	03:00:00 AM	1081.353	37.056	50.667	223.756	0.943	0
7/9/2022	04:00:00 AM	1030.846	37.73	48.116	285.201	1.644	0
7/9/2022	05:00:00 AM	393.625	38.908	43.801	7.533	0.899	0
7/9/2022	06:00:00 AM	1004.577	39.476	50.404	250.569	1.626	0

7/9/2022	07:00:00 AM	319.829	37.61	56.077	155.945	0.739	0
7/9/2022	08:00:00 AM	82.191	35.36	64.949	349.22	0.372	0.1
7/9/2022	09:00:00 AM	112.793	31.918	87.63	112.385	0.203	19.3
7/9/2022	10:00:00 AM	71.63	33.687	74.48	339.821	0.655	19.3
7/9/2022	11:00:00 AM	30.737	33.725	74.107	190.888	0.203	19.3
7/9/2022	12:00:00 PM	3.385	33.281	74.287	106.384	0.205	19.3
7/9/2022	01:00:00 PM	2.844	32.799	76.809	163.787	0.205	19.3
7/9/2022	02:00:00 PM	2.302	32.088	77.307	267.89	0.341	19.3
7/9/2022	03:00:00 PM	1.083	31.564	78.849	217.615	0.53	19.3
7/9/2022	04:00:00 PM	1.896	31.572	79.431	210.82	1.852	19.3
7/9/2022	05:00:00 PM	0.542	31.096	81.881	203.677	0.648	19.3
7/9/2022	06:00:00 PM	-0.271	30.706	82.081	244.312	1.088	19.3
7/9/2022	07:00:00 PM	-0.812	30.43	82.525	223.156	0.208	19.3
7/9/2022	08:00:00 PM	1.489	29.846	85.572	230.512	1.546	19.3
7/9/2022	09:00:00 PM	1.896	29.585	82.686	218.796	0.856	19.3
7/9/2022	10:00:00 PM	18.415	29.176	82.318	263.017	0.266	19.3
7/9/2022	11:00:00 PM	185.913	30.173	76.78	244.629	0.963	19.3
7/10/2022	12:00:00 AM	409.603	33.341	66.584	193.403	0.643	19.3
7/10/2022	01:00:00 AM	658.886	34.869	59.015	10.494	0.561	19.3
7/10/2022	02:00:00 AM	837.757	36.061	55.018	250.428	0.21	19.3
7/10/2022	03:00:00 AM	957.05	37.045	51.87	206.093	1.114	19.3
7/10/2022	04:00:00 AM	348.671	38.183	48.676	307.073	0.538	19.3
7/10/2022	05:00:00 AM	1131.318	40.187	43.887	29.284	0.203	19.3
7/10/2022	06:00:00 AM	1023.399	40.871	41.32	118.987	0.821	19.3
7/10/2022	07:00:00 AM	302.091	38.247	52.956	22.454	0.673	19.3
7/10/2022	08:00:00 AM	193.495	37.498	57.493	81.292	0.204	19.3
7/10/2022	09:00:00 AM	50.1	35.477	62.942	249.105	0.208	19.3
7/10/2022	10:00:00 AM	127.011	33.34	69.912	284.881	0.21	19.6
7/10/2022	11:00:00 AM	15.572	33.485	70.66	176.266	0.735	19.6
7/10/2022	12:00:00 PM	2.302	32.762	73.323	258.377	1.686	19.6
7/10/2022	01:00:00 PM	0.406	32.327	77.851	148.137	0.438	19.6
7/10/2022	02:00:00 PM	0.542	32.069	77.357	240.865	1.249	19.6
7/10/2022	03:00:00 PM	1.354	31.322	79.088	4.315	0.494	19.6
7/10/2022	04:00:00 PM	-0.542	30.819	80.462	255.375	1.942	19.6
7/11/2022	12:00:00 AM	0.135	30.481	80.656	267.274	2.586	19.6
7/11/2022	01:00:00 AM	1.083	30.298	80.176	224.118	2.143	19.6
7/11/2022	02:00:00 AM	0.542	30.134	81.815	294.063	2.175	19.6
7/11/2022	03:00:00 AM	0.812	29.622	81.42	243.516	0.69	19.6
7/11/2022	04:00:00 AM	0.135	29.183	83.027	183.078	0.714	19.6
7/11/2022	05:00:00 AM	0.406	28.989	83.465	232.362	1.141	19.6
7/11/2022	06:00:00 AM	42.382	29.502	78.232	219.152	1.392	19.6
7/11/2022	07:00:00 AM	306.966	31.977	70.081	217.795	1.223	19.6
7/11/2022	08:00:00 AM	536.75	34.532	59.297	280.409	0.496	19.6
7/11/2022	09:00:00 AM	715.756	35.497	52.92	117.698	0.239	19.6
7/11/2022	10:00:00 AM	894.763	36.739	51.442	257.271	1.149	19.6
7/11/2022	11:00:00 AM	1001.463	38.683	45.189	79.713	0.548	19.6
7/11/2022	12:00:00 PM	1082.707	38.421	46.754	224.251	0.614	19.6
7/11/2022	01:00:00 PM	1006.879	41.617	37.918	81.39	1.059	19.6
7/11/2022	02:00:00 PM	215.16	39.577	47.239	186.576	1.107	19.6
7/11/2022	03:00:00 PM	693.55	38.559	54.846	299.958	0.624	19.6

7/11/2022	04:00:00 PM	276.228	37.915	56.227	26.683	0.202	19.6
7/11/2022	05:00:00 PM	66.078	36.187	61.317	181.319	0.203	19.6
7/11/2022	06:00:00 PM	35.747	35.233	63.52	182.526	0.205	19.6
7/11/2022	07:00:00 PM	0.135	34.247	67.13	168.359	0.208	19.6
7/11/2022	08:00:00 PM	1.489	33.603	69.724	107.316	0.204	19.6
7/11/2022	09:00:00 PM	3.114	33.457	71.042	236.607	0.209	19.6
7/11/2022	10:00:00 PM	1.625	32.364	69.602	108.269	1.034	19.6
7/11/2022	11:00:00 PM	2.708	32.075	69.672	177.58	0.924	19.6
7/12/2022	12:00:00 AM	1.489	31.557	72.689	252.418	0.888	19.6
7/12/2022	01:00:00 AM	2.437	31.638	72.067	62.088	0.203	19.6
7/12/2022	02:00:00 AM	-0.812	30.909	73.012	188.397	0.657	19.6
7/12/2022	03:00:00 AM	1.219	30.65	73.607	236.076	1.755	19.6
7/12/2022	04:00:00 AM	0	30.356	73.289	288.066	1.044	19.6
7/12/2022	05:00:00 AM	0	29.94	75.816	228.885	1.624	19.6
7/12/2022	06:00:00 AM	37.643	30.005	75.035	244.683	1.162	19.6
7/12/2022	07:00:00 AM	193.901	30.802	73.617	234.944	0.894	19.6
7/12/2022	08:00:00 AM	218.275	32.554	68.864	193.049	1.09	19.6
7/12/2022	09:00:00 AM	261.334	34.166	61.318	210.281	1.12	19.6
7/12/2022	10:00:00 AM	967.07	37.766	50.778	264.781	2.79	19.6
7/12/2022	11:00:00 AM	939.853	37.922	49.355	133.59	0.203	19.6
7/12/2022	12:00:00 PM	263.229	36.549	56.83	204.582	0.211	19.6
7/12/2022	01:00:00 PM	558.008	36.818	56.07	141.626	0.204	19.6
7/12/2022	02:00:00 PM	220.17	36.443	56.289	80.693	0.421	19.6
7/12/2022	03:00:00 PM	268.916	35.876	57.222	141.297	0.82	19.6
7/12/2022	04:00:00 PM	153.009	35.685	57.868	325.873	0.644	19.6
7/12/2022	05:00:00 PM	110.898	35.041	59.516	32.615	0.611	19.6
7/12/2022	06:00:00 PM	44.142	34.249	62.195	16.185	0.201	19.6
7/12/2022	07:00:00 PM	0	33.359	63.276	346.021	0.212	19.6
7/12/2022	08:00:00 PM	-1.083	32.776	64.72	44.377	0.622	19.6
7/12/2022	09:00:00 PM	-0.542	32.08	64.166	150.129	0.46	19.6
7/12/2022	10:00:00 PM	-1.489	31.611	65.87	347.087	0.212	19.6
7/12/2022	11:00:00 PM	-0.948	31.83	63.714	106.112	0.204	19.6
7/13/2022	12:00:00 AM	-1.219	31.91	60.998	135.446	0.885	19.6
7/13/2022	01:00:00 AM	-2.573	30.706	72.223	250.248	1.99	19.6
7/13/2022	02:00:00 AM	-1.354	29.833	73.561	253.332	0.956	19.6
7/13/2022	03:00:00 AM	2.437	30.047	74	208.594	1.434	19.6
7/13/2022	04:00:00 AM	2.031	29.72	72.989	242.173	1.678	19.6
7/13/2022	05:00:00 AM	2.166	29.885	73.593	208.13	0.205	19.6
7/13/2022	06:00:00 AM	30.466	30.192	73.897	244.402	0.207	19.6
7/13/2022	07:00:00 AM	55.11	30.338	73.352	242.07	1.265	19.6
7/13/2022	08:00:00 AM	287.061	32.542	65.186	206.754	0.206	19.6
7/13/2022	09:00:00 AM	647.783	34.773	59.684	322.076	0.212	19.6
7/13/2022	10:00:00 AM	320.1	34.738	59.893	223.097	1.18	19.6
7/13/2022	11:00:00 AM	886.503	36.947	52.273	307.34	0.212	19.6
7/13/2022	12:00:00 PM	996.182	38.587	48.495	319.793	0.216	19.6
7/13/2022	01:00:00 PM	397.823	38.344	50.012	301.206	0.215	19.6
7/13/2022	02:00:00 PM	493.555	37.801	50.372	131.429	1.251	19.6
7/13/2022	03:00:00 PM	526.729	37.003	53.723	347.015	1.305	19.6
7/13/2022	04:00:00 PM	229.107	35.9	58.08	85.298	0.887	19.6
7/13/2022	05:00:00 PM	109.002	34.284	61.393	84.855	0.431	19.6

7/13/2022 06:00:00 PM	44.278	33.948	60.264	183.712	0.675	19.6
7/13/2022 07:00:00 PM	-1.219	33.618	50.282	87.221	0.765	19.6
7/13/2022 08:00:00 PM	-1.083	32.68	59.006	49.252	1.07	19.6
7/13/2022 09:00:00 PM	-2.437	32.643	58.271	88.376	0.204	19.6
7/13/2022 10:00:00 PM	-1.896	32.527	56.623	141.762	0.577	19.6
7/13/2022 11:00:00 PM	-2.573	32.639	54.979	45.876	0.824	19.6
7/14/2022 12:00:00 AM	-1.219	32.212	57.703	83.164	0.201	19.6
7/14/2022 01:00:00 AM	-3.114	31.21	61.264	160.195	0.204	19.6
7/14/2022 02:00:00 AM	-1.354	29.959	70.056	282.866	0.897	19.6
7/14/2022 03:00:00 AM	-2.437	29.418	69.89	210.26	0.369	19.6
7/14/2022 04:00:00 AM	-1.76	29.258	69.418	266.787	2.429	19.6
7/14/2022 05:00:00 AM	-0.948	28.976	70.067	205.216	0.205	19.6
7/14/2022 06:00:00 AM	30.737	29.11	73.884	188.782	0.207	19.6
7/14/2022 07:00:00 AM	149.082	29.807	70.174	258.241	0.661	19.6
7/14/2022 08:00:00 AM	514.543	33.053	59.582	148.101	0.202	19.6
7/14/2022 09:00:00 AM	702.622	35.141	50.882	137.543	0.903	19.6
7/14/2022 10:00:00 AM	309.267	35.481	50.031	215.183	2.296	19.6
7/14/2022 11:00:00 AM	604.588	37.046	45.624	177.347	0.207	19.6
7/14/2022 12:00:00 PM	384.824	37.613	40.627	246.415	1.942	19.6
7/14/2022 01:00:00 PM	399.719	36.944	45.642	248.183	2.981	19.6
7/14/2022 02:00:00 PM	328.36	37.679	48.133	205.707	0.21	19.6
7/14/2022 03:00:00 PM	126.198	36.349	54.119	100.824	0.201	19.6
7/14/2022 04:00:00 PM	131.75	36.133	56.584	166.779	0.204	19.6
7/14/2022 05:00:00 PM	86.254	36.055	53.193	92.692	0.687	19.6
7/14/2022 06:00:00 PM	42.653	35.167	55.991	140.352	0.206	19.6
7/14/2022 07:00:00 PM	-0.677	33.881	58.857	67.478	0.203	19.6
7/14/2022 08:00:00 PM	1.083	33.606	59.019	100.8	0.2	19.6
7/14/2022 09:00:00 PM	-0.812	32.964	62.028	320.754	0.212	19.6
7/14/2022 10:00:00 PM	-0.812	33.08	54.285	244.199	0.208	19.6
7/14/2022 11:00:00 PM	-1.625	31.775	66.285	246.777	1.038	19.6
7/15/2022 12:00:00 AM	0	30.994	69.593	224.335	1.861	19.6
7/15/2022 01:00:00 AM	-0.135	30.241	74.876	301.538	1.068	19.6
7/15/2022 02:00:00 AM	-0.271	29.932	75.865	113.63	0.204	19.6
7/15/2022 03:00:00 AM	-0.271	29.562	77.731	247.178	2.291	19.6
7/15/2022 04:00:00 AM	0.135	29.441	77.805	266.708	1.74	19.6
7/15/2022 05:00:00 AM	1.083	29.161	79.753	250.956	0.825	19.6
7/15/2022 06:00:00 AM	56.058	29.422	78.01	231.388	1.474	19.6
7/15/2022 07:00:00 AM	163.029	30.545	74.366	131.388	0.202	19.6
7/15/2022 08:00:00 AM	292.748	32.137	67.292	101.913	0.2	19.6
7/15/2022 09:00:00 AM	494.909	33.632	57.701	289.657	0.623	19.6
7/15/2022 10:00:00 AM	752.722	35.247	51.712	275.393	2.207	19.6
7/15/2022 11:00:00 AM	816.905	35.995	48.709	288.284	0.216	19.6
7/15/2022 12:00:00 PM	624.628	36.304	45.036	251.757	1.801	19.6
7/15/2022 01:00:00 PM	776.147	37.751	40.832	183.453	0.21	19.6
7/15/2022 02:00:00 PM	566.81	36.94	44.316	206.916	3.938	19.6
7/15/2022 03:00:00 PM	462.547	36.613	45.198	224.713	1.993	19.6
7/15/2022 04:00:00 PM	232.357	36.466	44.555	280.663	1.025	19.6
7/15/2022 05:00:00 PM	155.582	35.949	45.966	116.73	0.569	19.6
7/15/2022 06:00:00 PM	51.725	35.153	48.675	272.051	1.106	19.6
7/15/2022 07:00:00 PM	-1.083	33.727	52.913	289.724	0.207	19.6

7/15/2022 08:00:00 PM	0.406	33.354	53.853	161.494	0.466	19.6
7/15/2022 09:00:00 PM	-1.354	32.126	64.337	293.357	1.154	19.6
7/15/2022 10:00:00 PM	-0.948	31.124	70.119	289.506	0.579	19.6
7/15/2022 11:00:00 PM	0.542	30.89	70.992	280.636	1.676	19.6
7/16/2022 12:00:00 AM	-0.948	29.86	73.89	269.302	1.28	19.6
7/16/2022 01:00:00 AM	0.271	29.562	74.514	325.174	0.548	19.6
7/16/2022 02:00:00 AM	-0.271	29.253	73.599	197.92	0.468	19.6
7/16/2022 03:00:00 AM	-0.542	29.102	72.865	41.619	0.771	19.6
7/16/2022 04:00:00 AM	-0.812	28.727	73.665	206.852	0.435	19.6
7/16/2022 05:00:00 AM	0.677	28.69	71.751	253.126	2.57	19.6
7/16/2022 06:00:00 AM	54.162	28.735	70.369	257.175	0.989	19.6
7/16/2022 07:00:00 AM	285.571	30.221	65.054	121.563	0.837	19.6
7/16/2022 08:00:00 AM	479.744	33.401	54.185	58.293	0.204	19.6
7/16/2022 09:00:00 AM	713.454	35.334	47.748	316.994	0.562	19.6
7/16/2022 10:00:00 AM	833.424	36.202	45.856	266.479	4.232	19.6
7/16/2022 11:00:00 AM	842.496	37.219	44.536	253.327	3.552	19.6
7/16/2022 12:00:00 PM	942.155	38.377	43.458	265.783	3.793	19.6
7/16/2022 01:00:00 PM	947.978	39.058	41.21	321.615	1.168	19.6
7/16/2022 02:00:00 PM	820.831	38.692	42.394	225.832	4.955	19.6
7/16/2022 03:00:00 PM	578.59	39.767	40.989	243.623	0.209	19.6
7/16/2022 04:00:00 PM	167.768	38.264	43.176	11.667	0.948	19.6
7/16/2022 05:00:00 PM	93.43	37.537	45.447	222.807	1.739	19.6
7/16/2022 06:00:00 PM	39.674	36.198	51.413	309.877	1.492	19.6
7/16/2022 07:00:00 PM	-0.948	35.134	55.282	273.062	1.066	19.6
7/16/2022 08:00:00 PM	-1.219	34.269	58.255	271.333	0.745	19.6
7/16/2022 09:00:00 PM	0.135	33.05	66.289	263.121	0.83	19.6
7/16/2022 10:00:00 PM	-0.135	32.415	69.898	233.654	0.689	19.6
7/16/2022 11:00:00 PM	0.406	31.895	71.328	178.772	0.875	19.6
7/17/2022 12:00:00 AM	-0.271	31.091	75.08	254.409	1.622	19.6
7/17/2022 01:00:00 AM	0.406	30.57	77.009	228.795	1.565	19.6
7/17/2022 02:00:00 AM	1.625	30.854	75.587	45.715	0.644	19.6
7/17/2022 03:00:00 AM	-1.219	29.873	80.323	280.37	0.878	19.6
7/17/2022 04:00:00 AM	-1.489	29.99	79.342	246.406	0.205	19.6
7/17/2022 05:00:00 AM	-0.271	29.549	81.003	257.424	1.555	19.6
7/17/2022 06:00:00 AM	62.016	30.139	77.37	173.61	0.202	19.6
7/17/2022 07:00:00 AM	248.876	32.474	68.471	84.513	0.202	19.6
7/17/2022 08:00:00 AM	475.817	34.325	56.818	234.712	0.208	19.6
7/17/2022 09:00:00 AM	595.922	36.138	49.884	117.257	0.375	19.6
7/17/2022 10:00:00 AM	855.36	36.468	48.52	233.518	1.03	19.6
7/17/2022 11:00:00 AM	938.229	37.726	45.417	193.408	0.208	19.6
7/17/2022 12:00:00 PM	964.633	38.582	44.031	266.259	2.008	19.6
7/17/2022 01:00:00 PM	1030.169	39.056	42.701	132.775	1.241	19.6
7/17/2022 02:00:00 PM	972.486	39.947	42.364	271.905	3.942	19.6
7/17/2022 03:00:00 PM	319.829	36.886	51.268	170.022	1.026	19.6
7/17/2022 04:00:00 PM	196.068	36.088	53.772	136.01	1.063	19.6
7/17/2022 05:00:00 PM	141.229	36.71	52.53	218.25	1.197	19.6
7/17/2022 06:00:00 PM	43.195	36.414	53.691	73.246	0.204	19.6
7/17/2022 07:00:00 PM	-2.437	35.435	55.37	142.23	0.203	19.6
7/17/2022 08:00:00 PM	-2.166	34.325	62.463	159.693	0.995	19.6
7/17/2022 09:00:00 PM	-1.354	33.581	66.957	254.33	2.242	19.6

7/17/2022	10:00:00 PM	-0.812	32.934	68.14	200.859	0.584	19.6
7/17/2022	11:00:00 PM	-1.354	32.307	69.113	165.425	0.724	19.6
7/18/2022	12:00:00 AM	-0.677	31.502	70.928	254.372	1.782	19.6
7/18/2022	01:00:00 AM	-1.489	31.145	71.965	224.9	0.93	19.6
7/18/2022	02:00:00 AM	0	30.824	73.978	255.8	1.51	19.6
7/18/2022	03:00:00 AM	1.083	30.041	77.251	206.924	0.518	19.6
7/18/2022	04:00:00 AM	-0.135	29.744	78.559	225.86	1.021	19.6
7/18/2022	05:00:00 AM	0.135	29.671	77.006	256.213	0.783	19.6
7/18/2022	06:00:00 AM	51.454	30.116	74.619	186.158	1.409	19.6
7/18/2022	07:00:00 AM	217.191	31.076	70.049	231.044	1.044	19.6
7/18/2022	08:00:00 AM	289.363	32.752	64.049	157.601	0.204	19.6
7/18/2022	09:00:00 AM	506.825	34.84	54.113	78.927	0.204	19.6
7/18/2022	10:00:00 AM	514.949	35.808	50.006	105.659	0.559	19.6
7/18/2022	11:00:00 AM	600.39	35.838	48.093	135.394	0.822	19.6
7/18/2022	12:00:00 PM	852.246	36.754	46.528	167.706	2.888	19.6
7/18/2022	01:00:00 PM	701.539	37.889	43.521	98.619	0.587	19.6
7/18/2022	02:00:00 PM	856.849	38.813	42.153	165.316	0.206	19.6
7/18/2022	03:00:00 PM	249.418	37.862	43.724	98.944	0.206	19.6
7/18/2022	04:00:00 PM	123.626	37.007	51.451	65.634	0.529	19.6
7/18/2022	05:00:00 PM	12.593	35.459	55.054	351.263	0.593	19.6
7/18/2022	06:00:00 PM	54.975	32.516	76.955	233.697	0.207	22
7/18/2022	07:00:00 PM	1.219	32.478	69.121	41.412	0.202	22
7/18/2022	08:00:00 PM	0.542	33.02	67.827	144.806	0.203	22
7/18/2022	09:00:00 PM	-1.354	32.731	67.899	312.046	0.211	22
7/18/2022	10:00:00 PM	-1.219	31.86	74.262	285.77	0.841	22
7/18/2022	11:00:00 PM	-0.948	31.357	76.577	188.785	1.137	22
7/19/2022	12:00:00 AM	-0.406	31.024	78.015	261.516	0.209	22
7/19/2022	01:00:00 AM	-1.219	30.471	79.259	256.618	0.205	22
7/19/2022	02:00:00 AM	-0.271	30.491	76.585	139.478	0.543	22
7/19/2022	03:00:00 AM	0	30.288	77.384	66.644	0.201	22
7/19/2022	04:00:00 AM	1.219	30.351	77.512	260.632	1.149	22
7/19/2022	05:00:00 AM	-0.812	30.125	80.269	319.401	0.211	22
7/19/2022	06:00:00 AM	52.944	30.236	78.495	130.474	0.295	22
7/19/2022	07:00:00 AM	174.538	31.688	73.159	58.953	0.203	22
7/19/2022	08:00:00 AM	353.139	33.623	65.789	154.089	0.208	22
7/19/2022	09:00:00 AM	692.873	36.435	54.446	175.416	0.209	22
7/19/2022	10:00:00 AM	887.857	38.395	43.167	249.868	1.55	22
7/19/2022	11:00:00 AM	256.188	36.124	57.21	170.596	0.206	22
7/19/2022	12:00:00 PM	554.623	37.586	53.175	267.631	0.215	22
7/19/2022	01:00:00 PM	91.67	36.018	58.797	226.577	0.77	22
7/19/2022	02:00:00 PM	72.713	35.6	60.584	161.083	0.821	22
7/19/2022	03:00:00 PM	4.875	28.731	91.708	79.456	0.653	43.3
7/19/2022	04:00:00 PM	10.02	27.558	89.057	166.313	1.222	51
7/19/2022	05:00:00 PM	25.321	28.54	89.721	126.741	0.81	54.4
7/19/2022	06:00:00 PM	11.916	29.352	87.33	101.13	0.201	54.4
7/19/2022	07:00:00 PM	4.468	29.853	85.921	138.105	1.001	54.4
7/19/2022	08:00:00 PM	2.979	29.969	86.254	112.639	0.494	54.4
7/19/2022	09:00:00 PM	4.198	30.053	85.382	355.678	0.217	54.4
7/19/2022	10:00:00 PM	0.135	29.751	85.479	178.613	0.206	54.4
7/19/2022	11:00:00 PM	0.677	29.497	86.083	94.914	0.926	54.4

7/20/2022 12:00:00 AM	-1.083	29.802	84.848	182.809	0.203	54.4
7/20/2022 01:00:00 AM	-0.542	29.429	84.832	55.497	0.2	54.4
7/20/2022 02:00:00 AM	0.135	29.142	85.978	106.385	0.204	54.4
7/20/2022 03:00:00 AM	-0.406	28.901	86.24	189.603	0.2	54.4
7/20/2022 04:00:00 AM	0.406	28.995	86.077	191.314	0.207	54.4
7/20/2022 05:00:00 AM	0.135	28.921	86.398	120.343	0.202	54.4
7/20/2022 06:00:00 AM	49.288	29.166	85.376	148.713	0.204	54.4
7/20/2022 07:00:00 AM	279.207	31.824	72.211	16.671	0.202	54.4
7/20/2022 08:00:00 AM	511.564	33.704	63.186	298.039	0.646	54.4
7/20/2022 09:00:00 AM	714.131	35.554	57.619	149.047	0.715	54.4
7/20/2022 10:00:00 AM	862.266	38.301	47.622	123.407	0.207	54.4
7/20/2022 11:00:00 AM	371.825	37.165	52.73	259.46	1.001	54.4
7/20/2022 12:00:00 PM	234.252	37.522	54.036	146.049	0.453	54.4
7/20/2022 01:00:00 PM	281.78	36.406	57.188	62.934	1.013	54.4
7/20/2022 02:00:00 PM	104.263	36.251	59.375	178.248	0.711	54.4
7/20/2022 03:00:00 PM	55.381	33.502	73.077	40.303	0.403	55.8
7/20/2022 04:00:00 PM	16.655	31.809	81.81	289.025	0.207	55.9
7/20/2022 05:00:00 PM	2.437	30.079	84.936	28.039	0.194	58.1
7/20/2022 06:00:00 PM	15.707	29.724	88.993	158.717	0.208	60.5
7/20/2022 07:00:00 PM	2.844	30.173	85.819	19.715	0.195	60.6
7/20/2022 08:00:00 PM	1.625	29.833	87.603	186.721	0.203	60.6
7/20/2022 09:00:00 PM	3.114	29.59	81.965	300.141	0.285	60.6
7/20/2022 10:00:00 PM	1.083	29.169	82.229	278.127	0.21	60.6
7/20/2022 11:00:00 PM	1.219	29.021	83.445	193.448	0.501	60.6
7/21/2022 12:00:00 AM	-0.812	28.856	79.644	21.299	0.2	60.6
7/21/2022 01:00:00 AM	-0.677	28.482	80.911	243.414	1.742	60.6
7/21/2022 02:00:00 AM	0.271	28.463	81.696	217.041	0.208	60.6
7/21/2022 03:00:00 AM	-0.406	28.016	82.941	302.831	0.354	60.6
7/21/2022 04:00:00 AM	0.271	28.227	81.749	222.704	0.821	60.6
7/21/2022 05:00:00 AM	-0.948	27.963	83.098	321.55	0.216	60.6
7/21/2022 06:00:00 AM	28.571	27.964	84.021	82.812	0.201	60.6
7/21/2022 07:00:00 AM	305.205	30.519	72.387	264.002	1.159	60.6
7/21/2022 08:00:00 AM	531.198	33.261	61.892	186.531	0.207	60.6
7/21/2022 09:00:00 AM	727.537	36.294	49.455	130.237	0.208	60.6
7/21/2022 10:00:00 AM	884.608	38.507	41.83	209.553	0.381	60.6
7/21/2022 11:00:00 AM	989.683	38.435	40.723	22.667	0.483	60.6
7/21/2022 12:00:00 PM	1001.463	39.541	39.369	336.415	0.214	60.6
7/21/2022 01:00:00 PM	979.798	39.865	41.132	121.673	0.205	60.6
7/21/2022 02:00:00 PM	280.02	39.535	45.908	90.332	0.202	60.6
7/21/2022 03:00:00 PM	253.074	39.469	45.03	253.964	1.427	60.6
7/21/2022 04:00:00 PM	193.089	38.439	51.524	227.754	2.68	60.6
7/21/2022 05:00:00 PM	149.353	37.178	52.78	297.448	1.523	60.6
7/21/2022 06:00:00 PM	56.735	36.265	54.708	340.186	0.215	60.6
7/21/2022 07:00:00 PM	-0.948	34.952	59.602	247.436	2.195	60.6
7/21/2022 08:00:00 PM	-2.573	34.258	63.331	220.323	0.82	60.6
7/21/2022 09:00:00 PM	-2.437	33.315	69.314	239.973	1.33	60.6
7/21/2022 10:00:00 PM	-0.677	32.274	75.038	193.756	0.916	60.6
7/21/2022 11:00:00 PM	-0.406	31.603	78.086	213.892	0.991	60.6
7/22/2022 12:00:00 AM	-0.948	31.431	78.147	225.733	0.205	60.6
7/22/2022 01:00:00 AM	-1.219	30.77	80.697	237.85	1.924	60.6

7/22/2022 02:00:00 AM	-1.354	30.703	79.49	249.215	1.607	60.6
7/22/2022 03:00:00 AM	-0.271	30.211	82.244	135.929	0.207	60.6
7/22/2022 04:00:00 AM	-0.135	30.252	79.072	229.013	1.016	60.6
7/22/2022 05:00:00 AM	-0.812	29.782	79.027	197.093	0.719	60.6
7/22/2022 06:00:00 AM	30.873	29.716	78.507	264.718	1.132	60.6
7/22/2022 07:00:00 AM	297.081	31.603	70.312	249.636	0.21	60.6
7/22/2022 08:00:00 AM	530.927	34.769	57.432	222.584	0.21	60.6
7/22/2022 09:00:00 AM	738.369	35.618	52.751	281.955	0.418	60.6
7/22/2022 10:00:00 AM	877.837	37.704	48.961	262.282	1.187	60.6
7/22/2022 11:00:00 AM	976.278	39.416	42.797	290.185	0.944	60.6
7/22/2022 12:00:00 PM	991.443	41.173	38.376	282.884	1.162	60.6
7/22/2022 01:00:00 PM	933.489	41.883	37.497	100.417	0.208	60.6
7/22/2022 02:00:00 PM	250.23	40.541	44.664	30.341	1.45	60.6
7/22/2022 03:00:00 PM	697.07	41.177	42.167	176.269	0.207	60.6
7/22/2022 04:00:00 PM	142.312	39.966	44.649	135.286	0.206	60.6
7/22/2022 05:00:00 PM	70.411	38.41	50.62	32.909	0.2	60.6
7/22/2022 06:00:00 PM	31.414	37.687	49.592	346.971	0.213	60.6
7/22/2022 07:00:00 PM	-2.302	35.905	49.965	271.622	0.212	60.6
7/22/2022 08:00:00 PM	-0.542	34.675	57.915	229.657	2.737	60.6
7/22/2022 09:00:00 PM	-0.542	33.668	64.824	112.028	0.202	60.6
7/22/2022 10:00:00 PM	-1.76	32.664	70.173	190.534	0.205	60.6
7/22/2022 11:00:00 PM	0	31.738	72.85	230.715	0.657	60.6
7/23/2022 12:00:00 AM	-0.677	31.66	75.579	265.873	0.575	60.6
7/23/2022 01:00:00 AM	-1.489	31.24	76.021	254.77	0.851	60.6
7/23/2022 02:00:00 AM	-1.625	30.581	77.311	267.696	2.137	60.6
7/23/2022 03:00:00 AM	-0.812	30.142	77.504	214.661	1.278	60.6
7/23/2022 04:00:00 AM	-2.031	29.891	77.77	223.557	0.576	60.6
7/23/2022 05:00:00 AM	-1.625	29.448	80.165	250.602	1.633	60.6
7/23/2022 06:00:00 AM	40.757	29.616	78.709	258.385	1.622	60.6
7/23/2022 07:00:00 AM	270.812	31.494	68.961	136.275	0.203	60.6
7/23/2022 08:00:00 AM	501.815	33.531	63.773	263.295	1.896	60.6
7/23/2022 09:00:00 AM	708.58	35.022	58.414	146.035	1.17	60.6
7/23/2022 10:00:00 AM	877.025	37.816	49.928	25.06	0.425	60.6
7/23/2022 11:00:00 AM	993.61	38.782	46.779	274.618	1.143	60.6
7/23/2022 12:00:00 PM	1013.65	39.694	43.61	39.491	0.684	60.6
7/23/2022 01:00:00 PM	322.266	39.824	41.62	229.257	2.102	60.6
7/23/2022 02:00:00 PM	890.566	41.051	35.095	245.49	1.345	60.6
7/23/2022 03:00:00 PM	696.529	40.159	37.041	268.806	0.952	60.6
7/23/2022 04:00:00 PM	119.293	40.108	39.771	334.979	0.216	60.6
7/23/2022 05:00:00 PM	58.902	39.454	42.306	262.794	0.582	60.6
7/23/2022 06:00:00 PM	27.081	38.242	42.647	250.218	2.195	60.6
7/23/2022 07:00:00 PM	-2.573	36.152	53.042	248.524	2.293	60.6
7/23/2022 08:00:00 PM	-2.708	35.063	62.302	322.883	0.214	60.6
7/23/2022 09:00:00 PM	-1.219	34.053	66.373	212.012	0.916	60.6
7/23/2022 10:00:00 PM	-1.76	33.492	67.434	250.806	2.165	60.6
7/23/2022 11:00:00 PM	-1.625	32.454	69.405	207.445	0.841	60.6
7/24/2022 12:00:00 AM	-2.979	32.039	66.67	256.493	0.939	60.6
7/24/2022 01:00:00 AM	-2.844	31.125	66.602	227.428	1.532	60.6
7/24/2022 02:00:00 AM	-1.489	31.003	63.729	248.634	1.453	60.6
7/24/2022 03:00:00 AM	-1.083	30.055	67.688	264.324	1.502	60.6

7/24/2022 04:00:00 AM	-1.083	30.048	72.264	216.699	0.586	60.6
7/24/2022 05:00:00 AM	-1.083	29.356	70.295	225.235	1.99	60.6
7/24/2022 06:00:00 AM	35.476	28.737	70.894	137.689	0.206	60.6
7/24/2022 07:00:00 AM	302.226	31.223	59.364	264.964	1.719	60.6
7/24/2022 08:00:00 AM	536.343	33.16	55.779	241.284	2.297	60.6
7/24/2022 09:00:00 AM	747.035	34.866	53.748	99.003	0.784	60.6
7/24/2022 10:00:00 AM	886.774	38.084	46.657	344.849	0.217	60.6
7/24/2022 11:00:00 AM	978.986	38.563	42.402	87.475	0.208	60.6
7/24/2022 12:00:00 PM	1009.994	39.772	40.96	267.653	1.486	60.6
7/24/2022 01:00:00 PM	979.798	40.477	40.624	181.937	0.569	60.6
7/24/2022 02:00:00 PM	895.44	42.16	38.481	57.313	0.205	60.6
7/24/2022 03:00:00 PM	725.235	40.557	42.926	270.08	1.147	60.6
7/24/2022 04:00:00 PM	85.983	40.174	43.531	266.49	0.212	60.6
7/24/2022 05:00:00 PM	54.839	38.797	41.716	307.571	0.814	60.6
7/24/2022 06:00:00 PM	28.571	36.958	53.031	150.043	0.701	60.6
7/24/2022 07:00:00 PM	-3.927	35.085	61.214	73.549	0.237	60.6
7/24/2022 08:00:00 PM	-1.219	34.229	64.739	320.689	0.213	60.6
7/24/2022 09:00:00 PM	-0.406	33.724	65.469	355.985	0.467	60.6
7/24/2022 10:00:00 PM	-1.76	33.165	69.124	157.591	0.407	60.6
7/24/2022 11:00:00 PM	-1.219	32.702	68.419	116.618	0.203	60.6
7/25/2022 12:00:00 AM	-1.489	31.928	72.824	248.069	0.594	60.6
7/25/2022 01:00:00 AM	-2.031	31.402	73.572	204.984	1.437	60.6
7/25/2022 02:00:00 AM	1.083	30.549	75.206	278.703	0.927	60.6
7/25/2022 03:00:00 AM	0.812	30.817	74.717	274.216	1.334	60.6
7/25/2022 04:00:00 AM	2.031	30.448	76.262	228.205	2.009	60.6
7/25/2022 05:00:00 AM	0.542	29.843	77.166	315.923	0.503	60.6
7/25/2022 06:00:00 AM	43.601	30.44	73.703	185.002	0.207	60.6
7/25/2022 07:00:00 AM	197.557	31.328	70.344	22.5	0.197	60.6
7/25/2022 08:00:00 AM	462.005	34.029	62.107	186.945	0.471	60.6
7/25/2022 09:00:00 AM	752.722	35.848	56.886	208.708	0.216	60.6
7/25/2022 10:00:00 AM	907.627	37.603	50.917	350.922	0.77	60.6
7/25/2022 11:00:00 AM	659.834	40.028	42.712	214.019	0.212	60.6
7/25/2022 12:00:00 PM	342.171	40.701	40.195	150.808	0.729	60.6
7/25/2022 01:00:00 PM	336.89	39.994	43.72	274.864	0.222	60.6
7/25/2022 02:00:00 PM	898.961	39.767	46.709	39.751	1.101	60.6
7/25/2022 03:00:00 PM	761.388	40.013	47.821	31.384	0.207	60.6
7/25/2022 04:00:00 PM	205.817	37.231	54.174	55.177	0.888	60.6
7/25/2022 05:00:00 PM	85.577	35.551	58.899	338.057	0.219	60.6
7/25/2022 06:00:00 PM	33.987	34.491	59.972	11.314	0.217	60.6
7/25/2022 07:00:00 PM	-1.083	33.865	62.034	253.84	0.209	60.6
7/25/2022 08:00:00 PM	-3.521	33.613	62.289	77.742	0.202	60.6
7/25/2022 09:00:00 PM	-2.708	32.818	64.043	101.038	0.913	60.6
7/25/2022 10:00:00 PM	-1.489	32.375	67.836	302.389	0.21	60.6
7/25/2022 11:00:00 PM	-0.542	31.881	70.432	281.857	2.181	60.6
7/26/2022 12:00:00 AM	-0.406	31.55	70.536	326.275	0.214	60.6
7/26/2022 01:00:00 AM	-0.948	30.818	71.906	268.564	1.57	60.6
7/26/2022 02:00:00 AM	-0.542	30.324	72.667	253.853	0.615	60.6
7/26/2022 03:00:00 AM	-0.406	30.067	73.903	254.228	2.298	60.6
7/26/2022 04:00:00 AM	0	29.497	73.368	213.21	0.204	60.6
7/26/2022 05:00:00 AM	-0.406	29.373	73.106	135.699	0.204	60.6

7/26/2022 06:00:00 AM	37.914	29.223	73.369	186.06	0.662	60.6
7/26/2022 07:00:00 AM	257.949	31.046	66.813	271.278	0.206	60.6
7/26/2022 08:00:00 AM	524.698	33.628	58.693	300.127	0.21	60.6
7/26/2022 09:00:00 AM	658.344	35.175	56.796	258.467	2.909	60.6
7/26/2022 10:00:00 AM	880.004	36.725	52.494	50.381	0.677	60.6
7/26/2022 11:00:00 AM	1059.823	38.271	46.458	74.132	1.03	60.6
7/26/2022 12:00:00 PM	345.962	37.288	53.736	299.983	0.499	60.6
7/26/2022 01:00:00 PM	874.858	36.795	56.936	141.568	0.207	60.6
7/26/2022 02:00:00 PM	88.285	31.193	73.621	84.106	0.956	60.6
7/26/2022 03:00:00 PM	647.105	34.465	66.47	300.913	0.217	60.6
7/26/2022 04:00:00 PM	138.385	34.942	61.46	97.498	0.206	60.6
7/26/2022 05:00:00 PM	86.254	34.641	61.273	123.385	0.513	60.6
7/26/2022 06:00:00 PM	32.362	34.385	63.301	104.849	0.203	60.6
7/26/2022 07:00:00 PM	-1.083	33.348	65.316	347.974	0.215	60.6
7/26/2022 08:00:00 PM	-1.219	32.784	60.102	112.511	0.82	60.6
7/26/2022 09:00:00 PM	-0.812	32.325	62.331	101.548	0.203	60.6
7/26/2022 10:00:00 PM	-0.542	31.375	65.077	115.967	0.696	60.6
7/26/2022 11:00:00 PM	-1.354	30.57	67.809	104.623	0.202	60.6
7/27/2022 12:00:00 AM	-0.812	30.694	68.846	216.454	0.767	60.6
7/27/2022 01:00:00 AM	-0.135	30.171	73.97	244.028	0.76	60.6
7/27/2022 02:00:00 AM	1.896	30.136	73.457	230.946	0.378	60.6
7/27/2022 03:00:00 AM	-0.542	29.63	75.559	250.049	1.727	60.6
7/27/2022 04:00:00 AM	-0.271	29.54	74.996	277.202	1.415	60.6
7/27/2022 05:00:00 AM	0.406	29.246	74.789	197.675	0.207	60.6
7/27/2022 06:00:00 AM	31.685	29.601	73.519	261.987	1.479	60.6
7/27/2022 07:00:00 AM	240.481	30.491	71.006	250.317	2.005	60.6
7/27/2022 08:00:00 AM	402.291	33.404	61.321	125.744	0.205	60.6
7/27/2022 09:00:00 AM	692.196	35.134	57.096	199.195	0.207	60.6
7/27/2022 10:00:00 AM	849.808	35.95	53.096	192.339	1.276	60.6
7/27/2022 11:00:00 AM	277.853	37.79	47.192	238.478	0.207	60.6
7/27/2022 12:00:00 PM	379.408	37.039	49.82	133.753	0.429	60.6
7/27/2022 01:00:00 PM	368.304	38.602	50.403	252.035	0.914	60.6
7/27/2022 02:00:00 PM	860.099	39.043	45.737	1.979	0.463	60.6
7/27/2022 03:00:00 PM	298.706	38.377	48.962	325.801	0.484	60.6
7/27/2022 04:00:00 PM	370.606	35.963	56.972	273.261	0.399	60.6
7/27/2022 05:00:00 PM	135.406	35.745	57.545	38.575	0.204	60.6
7/27/2022 06:00:00 PM	52.402	34.459	60.346	114.935	0.204	60.6
7/27/2022 07:00:00 PM	-0.677	32.885	65.749	221.487	0.365	60.6
7/27/2022 08:00:00 PM	-0.677	32.387	69.281	114.025	0.834	60.6
7/27/2022 09:00:00 PM	-0.677	32.017	70.685	138.852	0.206	60.6
7/27/2022 10:00:00 PM	-1.76	31.339	72.703	127.347	0.541	60.6
7/27/2022 11:00:00 PM	-2.302	31.104	72.352	346.137	0.216	60.6
7/28/2022 12:00:00 AM	-1.625	30.908	70.519	249.168	0.209	60.6
7/28/2022 01:00:00 AM	-0.406	30.364	73.383	80.09	0.2	60.6
7/28/2022 02:00:00 AM	-0.948	29.929	74.918	258.808	2.008	60.6
7/28/2022 03:00:00 AM	-0.812	29.611	75.056	77.388	0.2	60.6
7/28/2022 04:00:00 AM	-1.625	29.307	75.116	178.174	0.71	60.6
7/28/2022 05:00:00 AM	-1.083	28.786	76.465	173.03	0.202	60.6
7/28/2022 06:00:00 AM	46.58	29.434	73.487	221.135	0.205	60.6
7/28/2022 07:00:00 AM	253.886	30.754	67.75	133.587	0.203	60.6

7/28/2022 08:00:00 AM	476.765	34.161	59.184	219.07	0.849	60.6
7/28/2022 09:00:00 AM	794.833	35.676	56.511	25.48	0.203	60.6
7/28/2022 10:00:00 AM	898.013	37.694	45.109	215.372	0.985	60.6
7/28/2022 11:00:00 AM	970.32	38.229	42.958	269.084	0.209	60.6
7/28/2022 12:00:00 PM	1073.905	38.839	46.325	42.358	1.771	60.6
7/28/2022 01:00:00 PM	939.718	38.855	44.737	322.589	0.756	60.6
7/28/2022 02:00:00 PM	832.747	38.22	45.511	176.752	0.501	60.6
7/28/2022 03:00:00 PM	266.885	37.495	51.215	206.296	1.104	60.6
7/28/2022 04:00:00 PM	72.713	34.067	65.493	131.137	0.209	60.9
7/28/2022 05:00:00 PM	109.544	34.23	60.851	203.265	0.208	61
7/28/2022 06:00:00 PM	50.913	33.696	61.29	150.699	0.203	61
7/28/2022 07:00:00 PM	-1.354	32.62	65.221	118.486	0.225	61
7/28/2022 08:00:00 PM	-1.219	32.078	68.535	163.186	2.573	61
7/28/2022 09:00:00 PM	-1.354	31.881	67.351	168.2	0.794	61
7/28/2022 10:00:00 PM	-1.219	31.032	72.348	135.661	0.616	61
7/28/2022 11:00:00 PM	0	30.843	74.105	201.801	0.47	61
7/29/2022 12:00:00 AM	-0.542	30.083	76.725	53.979	0.201	61
7/29/2022 01:00:00 AM	0.542	29.818	77.336	159.111	0.383	61
7/29/2022 02:00:00 AM	-0.542	29.683	73.972	187.517	0.43	61
7/29/2022 03:00:00 AM	1.354	29.031	74.008	308.939	0.205	61
7/29/2022 04:00:00 AM	3.521	29.025	73.446	116.782	0.199	61
7/29/2022 05:00:00 AM	0.677	28.498	74.044	193.546	0.208	61
7/29/2022 06:00:00 AM	46.986	28.662	72.953	162.053	0.203	61
7/29/2022 07:00:00 AM	220.306	29.506	70.856	267.558	1.25	61
7/29/2022 08:00:00 AM	465.526	33.466	60.554	235.52	1.355	61
7/29/2022 09:00:00 AM	786.032	36.449	54.422	240.076	0.488	61
7/29/2022 10:00:00 AM	897.065	37.393	49.343	15.683	0.202	61
7/29/2022 11:00:00 AM	970.049	38.339	39.369	310.387	0.212	61
7/29/2022 12:00:00 PM	1037.481	38.551	45.604	107.367	0.944	61
7/29/2022 01:00:00 PM	970.726	38.543	47.803	355.417	0.218	61
7/29/2022 02:00:00 PM	901.533	38.045	46.313	91.351	1.023	61
7/29/2022 03:00:00 PM	470.671	36.279	49.836	293.359	0.215	61
7/29/2022 04:00:00 PM	474.463	35.48	46.682	144.579	0.879	61
7/29/2022 05:00:00 PM	64.182	34.995	49.324	290.718	1.479	61
7/29/2022 06:00:00 PM	31.82	33.902	54.581	272.693	0.379	61
7/29/2022 07:00:00 PM	-0.812	32.865	62.648	100.899	0.412	61
7/29/2022 08:00:00 PM	1.354	32.678	65.842	150.832	0.202	61
7/29/2022 09:00:00 PM	1.896	29.707	83.649	339.164	0.215	73.2
7/29/2022 10:00:00 PM	4.604	29.67	91.917	250.581	1.014	84.6
7/29/2022 11:00:00 PM	2.573	29.645	89.642	220.383	1.157	85.4
7/30/2022 12:00:00 AM	2.573	27.961	90.442	317.8	0.209	91.5
7/30/2022 01:00:00 AM	4.333	28.458	87.497	155.111	0.2	91.5
7/30/2022 02:00:00 AM	3.791	28.558	84.274	196.293	0.206	91.5
7/30/2022 03:00:00 AM	3.25	28.442	88.11	212.193	0.836	91.5
7/30/2022 04:00:00 AM	2.573	28.58	87.611	2.386	0.185	91.5
7/30/2022 05:00:00 AM	0	28.189	86.36	191.152	0.202	91.5
7/30/2022 06:00:00 AM	20.717	28.464	85.418	182.499	0.204	91.5
7/30/2022 07:00:00 AM	345.962	30.88	75.802	326.789	0.209	91.5
7/30/2022 08:00:00 AM	552.998	32.423	67.086	106.709	0.204	91.5
7/30/2022 09:00:00 AM	543.384	33.464	66.059	118.79	1.027	91.5

7/30/2022 10:00:00 AM	427.341	34.879	59.653	154.014	1.292	91.5
7/30/2022 11:00:00 AM	959.216	37.612	51.53	216.639	0.821	91.5
7/30/2022 12:00:00 PM	978.038	37.187	48.224	103.641	1.322	91.5
7/30/2022 01:00:00 PM	1096.112	38.225	44.774	212.73	0.21	91.5
7/30/2022 02:00:00 PM	460.787	37.655	49.153	164.442	1.026	91.5
7/30/2022 03:00:00 PM	92.889	34.893	54.211	78.129	1.417	91.5
7/30/2022 04:00:00 PM	138.927	34.305	59.067	334.412	0.211	91.5
7/30/2022 05:00:00 PM	101.284	34.244	60.55	91.064	0.202	91.5
7/30/2022 06:00:00 PM	59.172	33.567	64.548	255.1	0.207	91.5
7/30/2022 07:00:00 PM	-1.219	32.599	70.575	28.634	0.201	91.5
7/30/2022 08:00:00 PM	0	31.99	71.544	70.001	0.202	91.5
7/30/2022 09:00:00 PM	0.812	31.303	70.846	169.612	0.805	91.5
7/30/2022 10:00:00 PM	-1.219	30.365	75.418	186.13	0.203	91.5
7/30/2022 11:00:00 PM	0.135	30.169	75.779	266.248	1.968	91.5
7/31/2022 12:00:00 AM	-0.406	29.946	75.779	220.107	1.202	91.5
7/31/2022 01:00:00 AM	1.083	29.346	77.805	175.326	0.942	91.5
7/31/2022 02:00:00 AM	2.031	29.577	77.021	82.664	0.198	91.5
7/31/2022 03:00:00 AM	3.656	28.973	77.904	244.258	1.503	91.5
7/31/2022 04:00:00 AM	0.135	28.585	78.472	48.539	0.199	91.5
7/31/2022 05:00:00 AM	0.406	28.663	76.842	245.229	1.466	91.5
7/31/2022 06:00:00 AM	38.862	29.139	75.411	284.53	0.802	91.5
7/31/2022 07:00:00 AM	267.698	32.401	64.481	326.862	0.209	91.5
7/31/2022 08:00:00 AM	538.104	33.908	60.825	23.94	1.103	91.5
7/31/2022 09:00:00 AM	725.912	36.326	49.824	214.441	0.209	91.5
7/31/2022 10:00:00 AM	953.529	37.567	46.693	355.404	0.217	91.5
7/31/2022 11:00:00 AM	1039.783	38.193	42.742	201.973	0.213	91.5
7/31/2022 12:00:00 PM	946.488	38.034	49.431	113.346	0.206	91.5
7/31/2022 01:00:00 PM	714.538	38.213	51.455	263.933	0.796	91.5
7/31/2022 02:00:00 PM	713.59	38.994	48.926	178.57	0.949	91.5
7/31/2022 03:00:00 PM	500.732	38.6	50.207	121.428	0.208	91.5
7/31/2022 04:00:00 PM	306.695	37.2	49.22	285.827	0.717	91.5
7/31/2022 05:00:00 PM	193.089	37.343	50.58	282.193	0.21	91.5
7/31/2022 06:00:00 PM	54.839	33.845	59.433	123.746	0.212	91.5
7/31/2022 07:00:00 PM	-0.948	33.716	59.148	176.804	1.528	91.5
7/31/2022 08:00:00 PM	-2.302	32.619	61.32	206.361	2.709	91.5
7/31/2022 09:00:00 PM	-1.083	32	65.757	249.856	1.567	91.5
7/31/2022 10:00:00 PM	0.677	31.59	68.431	267.052	1.557	91.5
7/31/2022 11:00:00 PM	0.135	31.13	70.196	145.559	0.62	91.5