

		Pyranometer [W/m ²]	Temperature [°C]	RH [%RH]	Wind Direction [angle]	Wind Speed [m/s]	Rain sensor [mm]
5/1/2021	12:00:00 AM	-1.76	23.477	76.632	124.805	0.196	156.7
5/1/2021	01:00:00 AM	-2.844	22.921	79.277	43.939	0.194	156.7
5/1/2021	02:00:00 AM	-0.271	22.806	80.11	241.365	0.202	156.7
5/1/2021	03:00:00 AM	-0.271	22.606	79.564	245.702	0.949	156.7
5/1/2021	04:00:00 AM	-0.812	22.186	77.531	199.617	0.201	156.7
5/1/2021	05:00:00 AM	0	21.841	77.166	274.372	0.473	156.7
5/1/2021	06:00:00 AM	32.091	22.002	75.771	187.812	0.887	156.7
5/1/2021	07:00:00 AM	124.438	22.907	69.315	333.609	0.202	156.7
5/1/2021	08:00:00 AM	686.373	24.508	65.056	191.525	1.039	156.7
5/1/2021	09:00:00 AM	263.229	27.218	56.048	153.646	0.197	156.7
5/1/2021	10:00:00 AM	542.707	28.942	46.529	219.796	0.196	156.7
5/1/2021	11:00:00 AM	696.393	30.995	40.65	213.051	0.199	156.7
5/1/2021	12:00:00 PM	828.82	33.927	36.844	173.122	0.198	156.7
5/1/2021	01:00:00 PM	667.146	33.863	41.36	131.229	0.198	156.7
5/1/2021	02:00:00 PM	298.57	33.783	45.222	24.108	0.197	156.7
5/1/2021	03:00:00 PM	443.59	33.507	48.237	107.432	0.643	156.7
5/1/2021	04:00:00 PM	419.623	33.473	45.957	240.451	0.206	156.7
5/1/2021	05:00:00 PM	123.897	32.985	49.886	7.774	0.187	156.7
5/1/2021	06:00:00 PM	17.197	29.919	55.977	53.929	0.196	156.7
5/1/2021	07:00:00 PM	-1.896	28.488	62.279	16.534	0.196	156.7
5/1/2021	08:00:00 PM	-1.896	27.622	68.845	19.889	0.197	156.7
5/1/2021	09:00:00 PM	-1.896	26.798	73.984	149.625	1.086	156.7
5/1/2021	10:00:00 PM	-1.625	25.827	77.405	143.594	0.2	156.7
5/1/2021	11:00:00 PM	-2.302	25.03	79.878	189.416	0.228	156.7
5/2/2021	12:00:00 AM	1.083	24.635	82.404	10.377	0.192	156.7
5/2/2021	01:00:00 AM	2.708	24.384	76.819	264.825	2.396	156.7
5/2/2021	02:00:00 AM	0.812	24.055	71.192	257.014	0.2	156.7
5/2/2021	03:00:00 AM	0.948	23.139	75.6	244.808	0.882	156.7
5/2/2021	04:00:00 AM	1.896	23.137	75.878	211.253	1.25	156.7
5/2/2021	05:00:00 AM	-0.406	22.773	77.241	183.098	1.453	156.7
5/2/2021	06:00:00 AM	52.673	22.907	75.852	102.11	0.197	156.7
5/2/2021	07:00:00 AM	307.643	24.941	63.362	228.5	0.595	156.7
5/2/2021	08:00:00 AM	562.612	27.387	58.347	275.711	0.205	156.7
5/2/2021	09:00:00 AM	726.995	28.981	59.7	60.795	0.71	156.7
5/2/2021	10:00:00 AM	916.428	31.425	49.341	31.464	0.547	156.7
5/2/2021	11:00:00 AM	919.407	33.788	43.608	23.385	0.195	156.7
5/2/2021	12:00:00 PM	781.293	34.685	38.014	120.287	1.079	156.7
5/2/2021	01:00:00 PM	759.492	35.151	40.39	132.289	0.198	156.7
5/2/2021	02:00:00 PM	516.168	34.245	50.565	18.332	0.193	156.7
5/2/2021	03:00:00 PM	208.796	31.96	59.073	32.285	0.581	156.7
5/2/2021	04:00:00 PM	281.374	30.423	65.553	69.744	0.411	156.7
5/2/2021	05:00:00 PM	129.99	29.348	70.072	279.04	0.875	156.7
5/2/2021	06:00:00 PM	21.53	29.079	71.071	66.69	1.018	156.7
5/2/2021	07:00:00 PM	-2.437	28.648	68.777	114.839	0.597	156.7
5/2/2021	08:00:00 PM	-1.489	28.471	67.63	115.134	0.196	156.7
5/2/2021	09:00:00 PM	-0.542	28.071	70.301	110.078	0.199	156.7
5/2/2021	10:00:00 PM	0.677	27.817	71.465	125.185	1.999	156.7
5/2/2021	11:00:00 PM	0.271	27.834	70.76	100.648	0.659	156.7

5/3/2021	12:00:00 AM	0.135	27.827	68.733	300.061	1.155	156.7
5/3/2021	01:00:00 AM	0.406	27.745	67.907	105.071	0.196	156.7
5/3/2021	02:00:00 AM	1.489	27.815	67.085	23.545	0.263	156.7
5/3/2021	03:00:00 AM	0.406	28.08	64.151	94.646	0.901	156.7
5/3/2021	04:00:00 AM	0.812	28.123	63.993	102.084	1.266	156.7
5/3/2021	05:00:00 AM	0.948	27.981	64.313	190.939	0.195	156.7
5/3/2021	06:00:00 AM	38.185	27.882	65.164	97.04	0.193	156.7
5/3/2021	07:00:00 AM	160.592	28.348	63.89	91.061	1.807	156.7
5/3/2021	08:00:00 AM	254.022	28.636	63.472	23.92	1.473	156.7
5/3/2021	09:00:00 AM	644.668	29.522	60.164	221.183	1.106	156.7
5/3/2021	10:00:00 AM	511.293	29.314	63.281	55.768	0.196	156.7
5/3/2021	11:00:00 AM	912.772	29.454	63.447	16.39	0.195	156.7
5/3/2021	12:00:00 PM	636.408	29.916	60.173	323.815	0.834	156.7
5/3/2021	01:00:00 PM	1008.369	31.035	57.746	5.814	0.67	156.7
5/3/2021	02:00:00 PM	402.698	30.138	59.872	90.829	2.143	156.7
5/3/2021	03:00:00 PM	202.838	30.269	60.035	148.607	0.2	156.7
5/3/2021	04:00:00 PM	85.847	30.013	60.23	135.095	1.178	156.7
5/3/2021	05:00:00 PM	47.392	28.986	64.049	146.766	0.87	156.7
5/3/2021	06:00:00 PM	2.844	28.467	66.812	354.638	0.213	156.7
5/3/2021	07:00:00 PM	-0.948	27.671	72.254	95.228	0.2	156.7
5/3/2021	08:00:00 PM	1.354	27.008	74.403	170.878	0.201	156.7
5/3/2021	09:00:00 PM	1.896	27.451	73.987	230.311	0.5	156.7
5/3/2021	10:00:00 PM	1.354	26.999	75.827	325.493	0.206	156.7
5/3/2021	11:00:00 PM	1.219	26.469	78.961	257.737	1.301	156.7
5/4/2021	12:00:00 AM	0.542	26.574	79.384	129.182	0.848	156.7
5/4/2021	01:00:00 AM	1.76	26.819	76.933	259.502	0.203	156.7
5/4/2021	02:00:00 AM	1.489	27.552	70.447	127.408	0.734	156.7
5/4/2021	03:00:00 AM	0.271	27.496	71.835	149.795	0.423	156.7
5/4/2021	04:00:00 AM	1.896	27.282	74.379	189.284	0.202	156.7
5/4/2021	05:00:00 AM	1.083	26.716	74.737	52.215	0.534	156.7
5/4/2021	06:00:00 AM	41.705	26.616	74.416	272.507	0.201	156.7
5/4/2021	07:00:00 AM	205.14	27.347	74.084	261.728	0.202	156.7
5/4/2021	08:00:00 AM	321.183	27.94	70.186	270.39	0.931	156.7
5/4/2021	09:00:00 AM	305.341	29.61	65.466	135.245	0.197	156.7
5/4/2021	10:00:00 AM	520.365	31.679	56.714	249.563	0.207	156.7
5/4/2021	11:00:00 AM	1240.996	33.319	49.979	167.242	0.415	156.7
5/4/2021	12:00:00 PM	1018.524	34.765	43.163	78.702	1.659	156.7
5/4/2021	01:00:00 PM	522.261	37.098	37.003	214.409	0.633	156.7
5/4/2021	02:00:00 PM	612.442	34.577	49.131	20.596	0.2	156.7
5/4/2021	03:00:00 PM	281.238	33.589	50.129	101.587	0.481	156.7
5/4/2021	04:00:00 PM	187.267	32.689	56.389	175.794	0.696	156.7
5/4/2021	05:00:00 PM	112.252	32.272	57.277	139.127	0.481	156.7
5/4/2021	06:00:00 PM	16.926	31.403	58.865	174.34	0.204	156.7
5/4/2021	07:00:00 PM	-0.677	30.913	61.178	137.519	0.201	156.7
5/4/2021	08:00:00 PM	-0.677	29.937	67.863	78.55	0.313	156.7
5/4/2021	09:00:00 PM	0.542	29.303	73.008	148.233	0.277	156.7
5/4/2021	10:00:00 PM	0.135	28.898	73.703	132.555	0.694	156.7
5/4/2021	11:00:00 PM	-0.677	28.515	76.195	130.954	1.747	156.7
5/5/2021	12:00:00 AM	0.406	28.367	77.048	225.991	0.202	156.7
5/5/2021	01:00:00 AM	1.083	28.258	77.622	119.934	0.199	156.7

5/5/2021	02:00:00 AM	0.406	27.738	79.569	267.166	1.644	156.7
5/5/2021	03:00:00 AM	0.677	27.681	80.305	43.196	0.681	156.7
5/5/2021	04:00:00 AM	2.437	27.621	80.709	7.139	0.188	156.7
5/5/2021	05:00:00 AM	0.406	27.427	80.915	70.361	0.198	156.7
5/5/2021	06:00:00 AM	11.916	27.294	80.226	172.077	0.198	156.7
5/5/2021	07:00:00 AM	92.482	27.823	77.38	5.121	0.186	156.7
5/5/2021	08:00:00 AM	26.269	26.01	76.631	138.725	1.363	156.7
5/5/2021	09:00:00 AM	39.132	23.944	91.108	120.359	0.196	161.9
5/5/2021	10:00:00 AM	364.784	24.374	84.607	187.383	0.873	164.9
5/5/2021	11:00:00 AM	325.652	24.317	81.293	89.035	0.197	164.9
5/5/2021	12:00:00 PM	73.525	23.592	82.337	29.774	1.753	165
5/5/2021	01:00:00 PM	123.761	22.89	80.747	284.075	1.413	165
5/5/2021	02:00:00 PM	90.451	22.759	76.017	83.448	0.393	165
5/5/2021	03:00:00 PM	90.722	22.378	74.721	72.195	0.855	165
5/5/2021	04:00:00 PM	83.139	22.337	75.176	170.799	0.866	165
5/5/2021	05:00:00 PM	38.591	22.818	70.125	164.92	0.735	165
5/5/2021	06:00:00 PM	9.614	22.124	74.679	235.504	0.526	165
5/5/2021	07:00:00 PM	-1.625	21.681	74.187	303.441	0.203	165
5/5/2021	08:00:00 PM	-0.406	21.433	76.215	140.853	0.198	165
5/5/2021	09:00:00 PM	-0.948	21.472	77.202	162.329	0.853	165
5/5/2021	10:00:00 PM	-1.083	21.77	79.321	38.479	0.903	165
5/5/2021	11:00:00 PM	-1.625	21.76	80.373	177.293	0.424	165
5/6/2021	12:00:00 AM	-0.812	21.815	81.99	154.712	1.346	165
5/6/2021	01:00:00 AM	-1.489	21.976	84.108	20.906	0.635	165
5/6/2021	02:00:00 AM	0.135	22.217	84.953	42.809	0.272	165
5/6/2021	03:00:00 AM	0.812	22.45	85.616	207.664	0.578	165
5/6/2021	04:00:00 AM	2.031	22.748	86.12	69.608	0.194	165
5/6/2021	05:00:00 AM	2.302	22.842	86.209	89.916	0.195	165
5/6/2021	06:00:00 AM	65.13	23.253	86.6	71.433	0.194	165
5/6/2021	07:00:00 AM	99.253	24.342	83.205	141.191	0.2	165
5/6/2021	08:00:00 AM	186.725	25.101	81.237	132.353	0.194	165
5/6/2021	09:00:00 AM	386.99	27.007	77.206	245.469	0.202	165
5/6/2021	10:00:00 AM	975.059	28.132	72.628	289.449	0.667	165
5/6/2021	11:00:00 AM	927.261	29.674	66.234	237.166	0.723	165
5/6/2021	12:00:00 PM	1017.983	30.543	63.742	338.541	0.206	165
5/6/2021	01:00:00 PM	954.477	31.491	62.643	270.666	0.207	165
5/6/2021	02:00:00 PM	903.429	31.887	59.556	128.63	0.844	165
5/6/2021	03:00:00 PM	224.503	30.84	60.874	140.426	0.576	165
5/6/2021	04:00:00 PM	173.591	30.125	64.443	61.028	0.208	165
5/6/2021	05:00:00 PM	84.493	28.925	68.756	79.13	0.198	165
5/6/2021	06:00:00 PM	13.676	27.124	75.726	145.441	0.197	165
5/6/2021	07:00:00 PM	-0.812	26.645	79.118	269.642	0.203	165
5/6/2021	08:00:00 PM	-0.135	26.495	80.031	116.444	0.194	165
5/6/2021	09:00:00 PM	-0.677	26.493	80.464	142.871	0.195	165
5/6/2021	10:00:00 PM	0.948	26.232	82.309	143	0.766	165
5/6/2021	11:00:00 PM	0.135	25.859	84.725	108.291	0.967	165
5/7/2021	12:00:00 AM	0.135	25.592	85.725	91.459	0.195	165
5/7/2021	01:00:00 AM	-0.948	25.443	86.273	252.759	0.72	165
5/7/2021	02:00:00 AM	-0.542	25.183	87.031	133.624	0.196	165
5/7/2021	03:00:00 AM	-0.677	25.049	87.875	230.318	0.569	165

5/7/2021	04:00:00 AM	-0.406	24.816	87.712	137.843	0.197	165
5/7/2021	05:00:00 AM	1.083	24.715	87.468	158.461	0.197	165
5/7/2021	06:00:00 AM	71.088	25.165	86.55	209.069	0.198	165
5/7/2021	07:00:00 AM	337.161	27.715	76.089	171.69	0.552	165
5/7/2021	08:00:00 AM	514.814	30.444	64.114	262.901	1.005	165
5/7/2021	09:00:00 AM	763.826	32.095	57.225	326.99	0.208	165
5/7/2021	10:00:00 AM	760.17	32.992	53.815	289.872	1.679	165
5/7/2021	11:00:00 AM	448.736	33.604	52.274	162.34	0.579	165
5/7/2021	12:00:00 PM	1044.116	34.225	52.052	224.021	0.698	165
5/7/2021	01:00:00 PM	1040.46	34.589	52.923	264.33	1.971	165
5/7/2021	02:00:00 PM	916.834	35.159	52.471	10.913	2.112	165
5/7/2021	03:00:00 PM	612.848	34.447	53.521	257.059	0.489	165
5/7/2021	04:00:00 PM	117.126	34.012	55.727	87.37	0.2	165
5/7/2021	05:00:00 PM	98.169	33.768	55.155	29.657	0.197	165
5/7/2021	06:00:00 PM	12.457	32.86	59.186	29.448	0.197	165
5/7/2021	07:00:00 PM	-3.114	31.094	67.985	82.574	0.555	165
5/7/2021	08:00:00 PM	-1.896	29.617	75.497	88.687	0.874	165
5/7/2021	09:00:00 PM	-0.271	29.393	74.427	187.883	0.201	165
5/7/2021	10:00:00 PM	0.406	29.196	74.332	133.179	0.199	165
5/7/2021	11:00:00 PM	-0.135	28.918	74.847	351.766	0.21	165
5/8/2021	12:00:00 AM	1.219	28.054	75.895	255.129	0.204	165
5/8/2021	01:00:00 AM	0.271	27.784	78.26	339.613	0.207	165
5/8/2021	02:00:00 AM	2.302	27.938	79.425	271.53	0.205	165
5/8/2021	03:00:00 AM	1.625	27.751	79.926	203.684	0.204	165
5/8/2021	04:00:00 AM	1.219	27.097	81.967	329.679	0.207	165
5/8/2021	05:00:00 AM	2.166	27.58	81.554	84.788	0.197	165
5/8/2021	06:00:00 AM	17.738	27.685	81.553	143.938	0.199	165
5/8/2021	07:00:00 AM	90.993	27.616	82.095	115.184	0.199	165
5/8/2021	08:00:00 AM	449.277	29.814	73.763	197.065	0.203	165
5/8/2021	09:00:00 AM	271.895	31.311	65.295	326.186	0.206	165
5/8/2021	10:00:00 AM	902.481	33.203	57.112	183.718	0.759	165
5/8/2021	11:00:00 AM	525.511	34.253	55.555	166.354	0.77	165
5/8/2021	12:00:00 PM	159.779	32.295	67.055	338.936	0.21	165
5/8/2021	01:00:00 PM	399.448	33.492	60.792	81.953	0.209	165
5/8/2021	02:00:00 PM	113.064	29.772	73.073	296.816	0.206	165
5/8/2021	03:00:00 PM	10.832	28.13	80.883	78.471	0.968	165
5/8/2021	04:00:00 PM	32.497	27.504	84.842	142.952	0.199	165.6
5/8/2021	05:00:00 PM	11.645	27.186	83.507	334.045	0.677	166.8
5/8/2021	06:00:00 PM	6.77	27.158	81.497	191.603	0.201	166.9
5/8/2021	07:00:00 PM	1.354	26.915	83.583	277.255	0.974	166.9
5/8/2021	08:00:00 PM	1.625	26.908	82.679	274.869	0.664	166.9
5/8/2021	09:00:00 PM	1.489	26.815	81.933	86.122	0.2	166.9
5/8/2021	10:00:00 PM	-0.677	26.669	82.799	111.897	0.199	166.9
5/8/2021	11:00:00 PM	0.677	26.375	83.48	92.55	0.298	166.9
5/9/2021	12:00:00 AM	0.135	26.023	84.548	232.656	0.2	166.9
5/9/2021	01:00:00 AM	-0.271	25.75	85.629	129.385	0.196	166.9
5/9/2021	02:00:00 AM	-0.542	25.608	85.97	95.144	0.196	166.9
5/9/2021	03:00:00 AM	-0.542	25.517	86.632	265.051	0.994	166.9
5/9/2021	04:00:00 AM	-1.489	25.219	87.054	286.391	0.205	166.9
5/9/2021	05:00:00 AM	0.406	24.983	87.639	259.76	0.655	166.9

5/9/2021	06:00:00 AM	80.702	25.663	86.084	150.784	0.199	166.9
5/9/2021	07:00:00 AM	298.164	27.023	81.899	240.231	0.202	166.9
5/9/2021	08:00:00 AM	505.2	29.691	69.509	113.351	0.198	166.9
5/9/2021	09:00:00 AM	386.449	31.36	63.55	90.073	0.2	166.9
5/9/2021	10:00:00 AM	999.567	33.113	60.515	89.869	0.197	166.9
5/9/2021	11:00:00 AM	365.055	33.686	56.352	208.544	0.206	166.9
5/9/2021	12:00:00 PM	1140.254	35.02	50.931	33.821	0.801	166.9
5/9/2021	01:00:00 PM	899.367	36.043	49.202	109.448	0.199	166.9
5/9/2021	02:00:00 PM	725.235	35.115	53.166	133.52	1.329	166.9
5/9/2021	03:00:00 PM	669.854	34.845	55.858	134.684	0.2	166.9
5/9/2021	04:00:00 PM	114.012	33.579	58.798	58.193	0.2	166.9
5/9/2021	05:00:00 PM	58.495	32.487	62.693	326.238	0.847	166.9
5/9/2021	06:00:00 PM	20.853	31.12	67.911	37.095	0.199	166.9
5/9/2021	07:00:00 PM	0	30.192	71.481	130.205	0.2	166.9
5/9/2021	08:00:00 PM	0.677	30.09	71.802	341.639	0.208	166.9
5/9/2021	09:00:00 PM	3.927	29.38	75.878	99.23	0.2	166.9
5/9/2021	10:00:00 PM	1.896	29.324	76.38	153.344	0.196	166.9
5/9/2021	11:00:00 PM	2.302	29.28	75.957	297.266	0.592	166.9
5/10/2021	12:00:00 AM	2.031	28.326	80.261	87.044	0.511	166.9
5/10/2021	01:00:00 AM	2.573	28.39	77.343	127.217	0.199	166.9
5/10/2021	02:00:00 AM	0.271	28.146	76.48	64.196	0.199	166.9
5/10/2021	03:00:00 AM	0	27.721	77.59	155.509	0.199	166.9
5/10/2021	04:00:00 AM	0.812	27.152	82.205	241.762	2.155	166.9
5/10/2021	05:00:00 AM	0.271	26.703	82.663	198.764	0.907	166.9
5/10/2021	06:00:00 AM	59.443	27.279	80.071	249.647	0.201	166.9
5/10/2021	07:00:00 AM	318.475	29.896	67.226	160.734	0.199	166.9
5/10/2021	08:00:00 AM	545.009	31.652	61.51	164.065	0.202	166.9
5/10/2021	09:00:00 AM	691.925	32.718	54.628	298.286	2.959	166.9
5/10/2021	10:00:00 AM	412.447	35.347	48.351	221.597	0.204	166.9
5/10/2021	11:00:00 AM	471.484	35.699	51.976	170.419	0.211	166.9
5/10/2021	12:00:00 PM	484.483	35.108	56.425	236.191	0.207	166.9
5/10/2021	01:00:00 PM	494.909	34.382	57.046	78.777	0.201	166.9
5/10/2021	02:00:00 PM	809.728	34.991	56.969	308.115	0.709	166.9
5/10/2021	03:00:00 PM	154.227	33.614	60.294	327.303	0.209	166.9
5/10/2021	04:00:00 PM	132.969	33.735	60.391	355.818	0.214	166.9
5/10/2021	05:00:00 PM	106.158	32.901	63.764	87.859	0.534	166.9
5/10/2021	06:00:00 PM	35.07	32.234	67.756	332.11	0.707	166.9
5/10/2021	07:00:00 PM	-0.135	31.4	71.688	127.093	0.202	166.9
5/10/2021	08:00:00 PM	0.677	30.875	71.528	71.553	0.726	166.9
5/10/2021	09:00:00 PM	3.114	30.311	74.114	94.955	0.198	166.9
5/10/2021	10:00:00 PM	-1.219	29.667	75.66	153.062	0.198	166.9
5/10/2021	11:00:00 PM	0.812	28.685	78.913	93.853	0.198	166.9
5/11/2021	12:00:00 AM	-1.489	28.449	80.453	310.497	0.21	166.9
5/11/2021	01:00:00 AM	0.406	28.264	81.746	28.726	0.196	166.9
5/11/2021	02:00:00 AM	0.677	27.768	83.933	218.97	0.584	166.9
5/11/2021	03:00:00 AM	-1.083	27.467	84.057	349.944	0.21	166.9
5/11/2021	04:00:00 AM	1.76	27.299	83.229	18.503	0.197	166.9
5/11/2021	05:00:00 AM	4.062	27.463	81.42	125.499	0.199	166.9
5/11/2021	06:00:00 AM	122.272	27.285	82.244	276.05	1.947	166.9
5/11/2021	07:00:00 AM	181.038	28.497	79.797	297.193	0.206	166.9

5/11/2021 08:00:00 AM	655.771	30.512	68.998	317.667	0.532	166.9
5/11/2021 09:00:00 AM	491.524	31.816	63.322	117.238	0.2	166.9
5/11/2021 10:00:00 AM	404.999	35.013	50.343	54.401	0.199	166.9
5/11/2021 11:00:00 AM	1033.284	35.612	43.317	38.436	0.2	166.9
5/11/2021 12:00:00 PM	1033.013	36.653	41.629	274.055	2.907	166.9
5/11/2021 01:00:00 PM	968.83	39.049	36.306	38.012	0.204	166.9
5/11/2021 02:00:00 PM	297.081	35.745	52.436	161.126	0.811	166.9
5/11/2021 03:00:00 PM	429.914	35.32	54.623	100.811	0.625	166.9
5/11/2021 04:00:00 PM	544.739	34.882	56.823	40.047	0.692	166.9
5/11/2021 05:00:00 PM	153.415	34.344	59.679	221.875	0.463	166.9
5/11/2021 06:00:00 PM	21.259	33	63.971	311.292	0.599	166.9
5/11/2021 07:00:00 PM	0.677	31.945	68.095	174.607	0.201	166.9
5/11/2021 08:00:00 PM	0.406	31.622	68.943	327.968	0.207	166.9
5/11/2021 09:00:00 PM	1.76	30.873	71.534	109.289	0.201	166.9
5/11/2021 10:00:00 PM	-0.135	30.331	74.366	135.957	0.913	166.9
5/11/2021 11:00:00 PM	-0.677	29.805	75.708	351.747	0.21	166.9
5/12/2021 12:00:00 AM	0.135	29.381	77.715	137.839	1.202	166.9
5/12/2021 01:00:00 AM	-1.219	29.391	77.655	10.568	0.192	166.9
5/12/2021 02:00:00 AM	-1.354	28.794	76.871	136.199	0.246	166.9
5/12/2021 03:00:00 AM	-1.76	28.363	79.529	116.109	0.664	166.9
5/12/2021 04:00:00 AM	-1.489	27.942	80.846	131.738	0.75	166.9
5/12/2021 05:00:00 AM	-0.542	27.571	81.629	73.187	0.197	166.9
5/12/2021 06:00:00 AM	53.485	27.358	81.425	141.069	0.347	166.9
5/12/2021 07:00:00 AM	358.014	30.301	69.247	171.936	0.205	166.9
5/12/2021 08:00:00 AM	581.569	33.278	57.773	131.493	0.201	166.9
5/12/2021 09:00:00 AM	740.4	33.968	47.536	123.236	1.302	166.9
5/12/2021 10:00:00 AM	971.945	36.914	40.535	169.471	0.692	166.9
5/12/2021 11:00:00 AM	998.484	38.006	35.74	204.501	0.206	166.9
5/12/2021 12:00:00 PM	991.985	39.624	33.838	140.772	0.57	166.9
5/12/2021 01:00:00 PM	296.268	38.139	41.908	153.281	1.501	166.9
5/12/2021 02:00:00 PM	943.645	36.692	47.422	125.478	0.206	166.9
5/12/2021 03:00:00 PM	647.376	35.656	50.389	178.656	0.761	166.9
5/12/2021 04:00:00 PM	185.235	34.023	53.919	180.233	1.278	166.9
5/12/2021 05:00:00 PM	59.308	31.954	63.006	24.478	0.198	166.9
5/12/2021 06:00:00 PM	7.854	31.478	66.82	278.093	0.229	166.9
5/12/2021 07:00:00 PM	1.083	30.971	71.112	160.342	1.029	166.9
5/12/2021 08:00:00 PM	0.135	30.98	71.081	318.627	0.211	166.9
5/12/2021 09:00:00 PM	-0.135	30.56	71.917	121.82	0.788	166.9
5/12/2021 10:00:00 PM	0.948	30.335	73.036	201.349	0.204	166.9
5/12/2021 11:00:00 PM	1.76	30.062	75.552	354.56	0.607	166.9
5/13/2021 12:00:00 AM	-0.135	29.388	77.558	198.955	0.451	166.9
5/13/2021 01:00:00 AM	0.542	28.998	77.404	138.871	0.199	166.9
5/13/2021 02:00:00 AM	1.896	28.99	77.054	261.118	1.274	166.9
5/13/2021 03:00:00 AM	0.542	28.243	80.509	101.143	0.485	166.9
5/13/2021 04:00:00 AM	-0.135	28.054	81.073	128.786	0.203	166.9
5/13/2021 05:00:00 AM	2.573	28.415	80.173	162.9	0.204	166.9
5/13/2021 06:00:00 AM	56.735	28.642	77.716	272.384	0.551	166.9
5/13/2021 07:00:00 AM	337.973	30.394	69.309	9.83	0.197	166.9
5/13/2021 08:00:00 AM	576.559	32.963	60.311	185.718	0.603	166.9
5/13/2021 09:00:00 AM	270.812	34.388	53.019	90.484	0.485	166.9

5/13/2021	10:00:00 AM	977.902	34.504	51.309	248.345	0.768	166.9
5/13/2021	11:00:00 AM	353.139	35.672	51.056	68.501	0.201	166.9
5/13/2021	12:00:00 PM	389.022	34.615	54.205	40.909	0.615	166.9
5/13/2021	01:00:00 PM	699.643	36.275	51.418	327.34	0.211	166.9
5/13/2021	02:00:00 PM	365.732	35.403	53.08	329.36	0.214	166.9
5/13/2021	03:00:00 PM	529.167	36.479	52.647	97.574	0.202	166.9
5/13/2021	04:00:00 PM	165.06	35.315	54.005	338.089	0.21	166.9
5/13/2021	05:00:00 PM	69.87	33.77	61.227	355.861	0.214	166.9
5/13/2021	06:00:00 PM	20.717	33.124	63.736	90.035	0.201	166.9
5/13/2021	07:00:00 PM	-0.948	32.635	63.97	208.019	0.205	166.9
5/13/2021	08:00:00 PM	1.083	31.906	67.645	182.498	0.566	166.9
5/13/2021	09:00:00 PM	-1.083	31.53	72.029	96.59	0.197	166.9
5/13/2021	10:00:00 PM	-0.135	30.821	73.465	86.549	0.734	166.9
5/13/2021	11:00:00 PM	-0.542	29.865	76.057	48.422	0.449	166.9
5/14/2021	12:00:00 AM	1.219	29.729	76.373	94.716	0.511	166.9
5/14/2021	01:00:00 AM	-0.271	29.67	75.87	294.113	0.21	166.9
5/14/2021	02:00:00 AM	-0.542	29.407	76.892	65.593	0.2	166.9
5/14/2021	03:00:00 AM	-0.948	29.278	77.433	53.056	0.419	166.9
5/14/2021	04:00:00 AM	0.677	28.451	79.084	235.327	1.749	166.9
5/14/2021	05:00:00 AM	1.354	28.631	79.744	181.953	0.2	166.9
5/14/2021	06:00:00 AM	60.256	28.69	80.287	119.337	0.198	166.9
5/14/2021	07:00:00 AM	354.764	31.04	69.635	270.899	0.781	166.9
5/14/2021	08:00:00 AM	475.817	33.47	62.014	264.22	0.209	166.9
5/14/2021	09:00:00 AM	335.536	34.061	58.92	210.392	0.37	166.9
5/14/2021	10:00:00 AM	752.722	35.559	54.432	264.315	1.197	166.9
5/14/2021	11:00:00 AM	738.234	36.336	52.85	104.344	0.203	166.9
5/14/2021	12:00:00 PM	754.347	36.026	53.816	105.978	0.378	166.9
5/14/2021	01:00:00 PM	238.044	36.097	54.531	47.949	0.695	166.9
5/14/2021	02:00:00 PM	184.829	35.486	57.567	208.823	0.21	166.9
5/14/2021	03:00:00 PM	117.262	33.877	61.973	276.274	0.793	166.9
5/14/2021	04:00:00 PM	102.638	33.713	63.496	8.424	0.193	166.9
5/14/2021	05:00:00 PM	81.65	32.626	67.33	160.137	0.205	166.9
5/14/2021	06:00:00 PM	21.665	32.46	67.76	167.602	0.56	166.9
5/14/2021	07:00:00 PM	1.219	31.486	71.743	327.794	0.208	166.9
5/14/2021	08:00:00 PM	0.677	31.216	72.208	3.945	0.183	166.9
5/14/2021	09:00:00 PM	-0.406	30.782	75.213	128.076	0.698	166.9
5/14/2021	10:00:00 PM	-0.406	30.035	78.686	94.896	0.781	166.9
5/14/2021	11:00:00 PM	-0.677	29.803	79.543	148.956	0.202	166.9
5/15/2021	12:00:00 AM	-0.271	28.902	81.375	101.147	1.004	166.9
5/15/2021	01:00:00 AM	0.812	28.901	81.442	144.065	0.201	166.9
5/15/2021	02:00:00 AM	0.271	28.806	80.388	143.961	0.202	166.9
5/15/2021	03:00:00 AM	-0.271	28.804	80.408	166.489	0.201	166.9
5/15/2021	04:00:00 AM	0.677	28.322	81.8	100.649	1.094	166.9
5/15/2021	05:00:00 AM	3.114	28.394	82.395	247.099	0.88	166.9
5/15/2021	06:00:00 AM	39.132	28.244	82.095	72.193	0.778	166.9
5/15/2021	07:00:00 AM	184.558	29.846	77.12	87.347	0.202	166.9
5/15/2021	08:00:00 AM	171.289	30.192	75.553	250.945	0.949	166.9
5/15/2021	09:00:00 AM	673.239	33.569	61.531	150.84	0.207	166.9
5/15/2021	10:00:00 AM	979.392	37.09	49.058	65.33	0.468	166.9
5/15/2021	11:00:00 AM	1076.749	37.89	42.575	22.24	0.199	166.9

5/15/2021	12:00:00 PM	1022.722	37.203	49.96	325.878	0.441	166.9
5/15/2021	01:00:00 PM	513.595	36.905	51.298	152.696	0.473	166.9
5/15/2021	02:00:00 PM	319.829	36.052	55.036	69.169	0.204	166.9
5/15/2021	03:00:00 PM	241.158	35.395	57.923	40.035	0.2	166.9
5/15/2021	04:00:00 PM	163.571	34.537	60.679	155.886	0.203	166.9
5/15/2021	05:00:00 PM	97.763	34.226	61.85	229.022	0.207	166.9
5/15/2021	06:00:00 PM	14.082	32.892	65.419	132.346	0.202	166.9
5/15/2021	07:00:00 PM	-1.219	32.134	68.269	132.41	0.206	166.9
5/15/2021	08:00:00 PM	-0.406	31.349	71.649	130.428	0.202	166.9
5/15/2021	09:00:00 PM	-0.677	30.999	73.344	164.081	0.754	166.9
5/15/2021	10:00:00 PM	-0.271	30.292	76.757	112.27	0.667	166.9
5/15/2021	11:00:00 PM	-0.812	30.092	77.634	121.755	0.2	166.9
5/16/2021	12:00:00 AM	0.406	29.597	79.087	84.331	0.604	166.9
5/16/2021	01:00:00 AM	-0.135	29.546	79.586	110.853	0.198	166.9
5/16/2021	02:00:00 AM	2.302	28.956	81.341	70.217	0.197	166.9
5/16/2021	03:00:00 AM	2.573	29.097	81.134	94.443	0.722	166.9
5/16/2021	04:00:00 AM	0.542	29.119	80.468	136.931	0.714	166.9
5/16/2021	05:00:00 AM	0.542	29.134	80.45	176.172	0.202	166.9
5/16/2021	06:00:00 AM	62.287	29.05	81.44	337.903	0.207	166.9
5/16/2021	07:00:00 AM	317.256	31.702	71.203	332.607	0.212	166.9
5/16/2021	08:00:00 AM	539.864	34.464	62.281	244.792	0.209	166.9
5/16/2021	09:00:00 AM	775.335	34.965	58.999	196.199	0.207	166.9
5/16/2021	10:00:00 AM	876.213	36.859	48.154	273.592	1.939	166.9
5/16/2021	11:00:00 AM	996.724	38.571	42.096	98.128	0.203	166.9
5/16/2021	12:00:00 PM	310.621	38.28	44.481	173.684	0.574	166.9
5/16/2021	01:00:00 PM	962.331	38.856	47.842	98.07	0.994	166.9
5/16/2021	02:00:00 PM	102.638	36.451	54.397	30.967	1.523	166.9
5/16/2021	03:00:00 PM	115.231	36.062	55.271	108.871	0.47	166.9
5/16/2021	04:00:00 PM	145.697	36.715	52.01	189.417	0.635	166.9
5/16/2021	05:00:00 PM	24.373	34.054	60.907	167.347	1.47	166.9
5/16/2021	06:00:00 PM	10.426	33.375	64.036	151.069	0.936	166.9
5/16/2021	07:00:00 PM	-1.896	32.825	67.229	93.472	0.199	166.9
5/16/2021	08:00:00 PM	-2.302	32.399	69.454	29.084	0.2	166.9
5/16/2021	09:00:00 PM	-2.437	31.469	73.65	184.864	0.2	166.9
5/16/2021	10:00:00 PM	-1.489	31.2	74.394	170.968	1.018	166.9
5/16/2021	11:00:00 PM	-1.896	30.992	74.913	53.267	0.201	166.9
5/17/2021	12:00:00 AM	-1.625	30.59	75.652	132.983	1.116	166.9
5/17/2021	01:00:00 AM	-1.083	30.244	77.022	24.943	0.199	166.9
5/17/2021	02:00:00 AM	-1.489	29.806	78.101	106.776	0.693	166.9
5/17/2021	03:00:00 AM	-1.489	29.631	78.144	109.746	1.104	166.9
5/17/2021	04:00:00 AM	-2.437	29.573	78.826	197.855	0.207	166.9
5/17/2021	05:00:00 AM	1.896	29.01	80.771	88.641	0.515	166.9
5/17/2021	06:00:00 AM	59.714	29.394	79.17	170.427	0.207	166.9
5/17/2021	07:00:00 AM	154.498	32.081	67.79	153.244	0.203	166.9
5/17/2021	08:00:00 AM	331.88	33.839	55.495	110.384	0.203	166.9
5/17/2021	09:00:00 AM	806.614	35.022	47.365	264.026	1.423	166.9
5/17/2021	10:00:00 AM	1040.325	35.525	48.009	130.682	0.205	166.9
5/17/2021	11:00:00 AM	515.085	35.936	48.091	293.573	1.066	166.9
5/17/2021	12:00:00 PM	233.169	36.701	46.177	27.576	0.198	166.9
5/17/2021	01:00:00 PM	189.975	34.571	56.356	112.042	0.232	166.9

5/17/2021	02:00:00 PM	198.234	34.608	55.873	101.408	0.866	166.9
5/17/2021	03:00:00 PM	296.133	34.197	57.386	185.042	2.171	166.9
5/17/2021	04:00:00 PM	188.35	34.069	55.324	94.278	1.195	166.9
5/17/2021	05:00:00 PM	77.317	32.865	61.841	190.268	0.864	166.9
5/17/2021	06:00:00 PM	28.571	32.269	65.964	98.214	1.112	166.9
5/17/2021	07:00:00 PM	-0.677	31.837	67.319	26.095	0.683	166.9
5/17/2021	08:00:00 PM	0.812	31.817	67.828	109.086	0.203	166.9
5/17/2021	09:00:00 PM	0.406	31.651	68.206	310.039	0.21	166.9
5/17/2021	10:00:00 PM	0.677	30.885	72.405	283.026	0.209	166.9
5/17/2021	11:00:00 PM	1.083	30.461	72.853	256.841	0.647	166.9
5/18/2021	12:00:00 AM	-1.896	29.588	76.378	270.191	0.206	166.9
5/18/2021	01:00:00 AM	0.948	29.26	76.913	134.733	0.879	166.9
5/18/2021	02:00:00 AM	0	28.979	78.545	246.482	0.503	166.9
5/18/2021	03:00:00 AM	-0.677	29.607	74.889	142.695	0.362	166.9
5/18/2021	04:00:00 AM	1.76	29.335	77.462	180.877	0.203	166.9
5/18/2021	05:00:00 AM	2.708	29.592	76.664	234.897	0.511	166.9
5/18/2021	06:00:00 AM	15.572	29.85	76.196	259.439	1.092	166.9
5/18/2021	07:00:00 AM	199.453	29.891	77.181	123.888	0.205	166.9
5/18/2021	08:00:00 AM	330.662	31.753	69.058	89.072	0.201	166.9
5/18/2021	09:00:00 AM	358.149	33.391	62.172	69.772	0.2	166.9
5/18/2021	10:00:00 AM	249.824	33.964	59.805	33.191	0.2	166.9
5/18/2021	11:00:00 AM	806.478	34.851	56.243	284.212	1.321	166.9
5/18/2021	12:00:00 PM	409.874	35.716	54.834	79.492	0.204	166.9
5/18/2021	01:00:00 PM	276.905	35.674	57.57	59.151	0.209	166.9
5/18/2021	02:00:00 PM	85.17	32.186	73.817	99.17	1.097	167.2
5/18/2021	03:00:00 PM	57.954	29.321	73.266	101.736	1.477	167.2
5/18/2021	04:00:00 PM	303.58	29.373	75.819	128.644	0.904	167.2
5/18/2021	05:00:00 PM	75.421	30.642	70.215	122.695	0.203	167.2
5/18/2021	06:00:00 PM	7.989	30.852	69.35	16.949	0.197	167.2
5/18/2021	07:00:00 PM	0.271	30.045	75.822	118.822	0.197	167.2
5/18/2021	08:00:00 PM	1.489	29.836	78.524	121.263	0.561	167.2
5/18/2021	09:00:00 PM	0.135	29.614	80.415	265.917	1.098	167.2
5/18/2021	10:00:00 PM	1.489	29.19	82.161	155.91	0.564	167.2
5/18/2021	11:00:00 PM	1.219	29.401	81.109	242.688	1.467	167.2
5/19/2021	12:00:00 AM	1.354	29.167	82.824	174.679	0.521	167.2
5/19/2021	01:00:00 AM	1.083	28.911	82.702	163.708	0.2	167.2
5/19/2021	02:00:00 AM	1.625	28.721	83.965	134.76	0.202	167.2
5/19/2021	03:00:00 AM	0.271	28.442	84.365	347.443	0.212	167.2
5/19/2021	04:00:00 AM	2.302	28.283	84.628	76.477	0.198	167.2
5/19/2021	05:00:00 AM	1.625	28.254	84.777	52.354	0.201	167.2
5/19/2021	06:00:00 AM	90.993	28.28	82.095	265.286	0.206	167.2
5/19/2021	07:00:00 AM	155.988	29.718	74.807	289.181	0.207	167.2
5/19/2021	08:00:00 AM	216.514	30.849	72.173	283.008	0.209	167.2
5/19/2021	09:00:00 AM	432.893	33.808	60.185	37.944	0.542	167.2
5/19/2021	10:00:00 AM	571.414	34.901	54.146	251.692	0.899	167.2
5/19/2021	11:00:00 AM	908.981	36.375	50.142	258.785	0.929	167.2
5/19/2021	12:00:00 PM	957.456	37.636	47.31	290.69	0.208	167.2
5/19/2021	01:00:00 PM	153.009	36.512	54.234	146.867	1.502	167.2
5/19/2021	02:00:00 PM	19.498	26.941	86.976	139.184	0.716	196.5
5/19/2021	03:00:00 PM	66.484	29.001	87.823	60.671	0.195	199.5

5/19/2021 04:00:00 PM	137.843	28.976	91.159	209.759	0.205	202.7
5/19/2021 05:00:00 PM	119.834	29.878	82.387	198.434	0.204	202.7
5/19/2021 06:00:00 PM	15.978	30.491	81.056	137.907	0.203	202.7
5/19/2021 07:00:00 PM	1.489	29.587	82.941	159.011	0.198	202.7
5/19/2021 08:00:00 PM	1.625	29.399	85.949	81.455	0.198	202.7
5/19/2021 09:00:00 PM	1.896	28.837	87.438	168.051	0.203	202.7
5/19/2021 10:00:00 PM	1.219	28.539	85.55	228.951	1.077	202.7
5/19/2021 11:00:00 PM	0.948	28.3	86.836	118.62	0.201	202.7
5/20/2021 12:00:00 AM	1.625	27.864	87.656	302.801	0.206	202.7
5/20/2021 01:00:00 AM	1.354	27.802	86.844	261.239	0.206	202.7
5/20/2021 02:00:00 AM	0	27.753	84.903	87.716	0.197	202.7
5/20/2021 03:00:00 AM	1.489	27.466	85.582	226.345	0.204	202.7
5/20/2021 04:00:00 AM	1.083	27.454	86.248	272.421	0.877	202.7
5/20/2021 05:00:00 AM	2.437	27.518	86.91	134.525	0.197	202.7
5/20/2021 06:00:00 AM	59.172	27.794	86.65	36.747	0.197	202.7
5/20/2021 07:00:00 AM	127.688	28.704	82.372	311.175	0.207	202.7
5/20/2021 08:00:00 AM	605.942	31.479	72.044	270.832	0.207	202.7
5/20/2021 09:00:00 AM	790.5	34.307	61.668	170.624	0.204	202.7
5/20/2021 10:00:00 AM	782.376	34.778	54.491	57.374	0.199	202.7
5/20/2021 11:00:00 AM	534.989	36.745	45.971	279.785	0.55	202.7