

		Pyranometer [W/m <sup>2</sup> ]	Temperature [°C]	RH [%RH]	Wind Direction [angle]	Wind Speed [m/s]	Rain sensor [mm]
9/1/2022	01:00:00 AM	-0.812	30.243	85.412	118.697	0.201	16.4
9/1/2022	02:00:00 AM	1.219	30.034	86.157	185.166	0.202	16.4
9/1/2022	03:00:00 AM	1.896	30.302	83.426	294.474	0.21	16.4
9/1/2022	04:00:00 AM	5.01	29.469	83.767	249.807	1.654	17.4
9/1/2022	05:00:00 AM	2.844	29.631	87.438	231.564	0.208	17.4
9/1/2022	06:00:00 AM	13.405	29.167	87.694	229.46	0.208	17.5
9/1/2022	07:00:00 AM	49.288	29.659	85.311	255.518	0.206	17.5
9/1/2022	08:00:00 AM	143.53	30.695	78.245	332.272	0.211	17.5
9/1/2022	09:00:00 AM	485.566	32.121	69.825	192.523	0.206	17.5
9/1/2022	10:00:00 AM	127.011	32.391	64.478	229.388	0.208	17.5
9/1/2022	11:00:00 AM	228.972	32.524	63.567	332.1	0.215	17.5
9/1/2022	12:00:00 PM	349.483	32.326	66.34	163.305	0.203	17.5
9/1/2022	01:00:00 PM	145.968	31.229	70.726	215.989	0.566	17.6
9/1/2022	02:00:00 PM	49.965	29.403	84.02	100.083	0.201	20.7
9/1/2022	03:00:00 PM	83.275	29.388	78.179	135.083	1.733	21.2
9/1/2022	04:00:00 PM	43.059	29.769	73.74	37.613	0.199	21.2
9/1/2022	05:00:00 PM	27.217	30.017	66.427	99.516	0.481	21.2
9/1/2022	06:00:00 PM	6.77	29.811	69.144	351.613	0.211	21.2
9/1/2022	07:00:00 PM	-7.447	29.097	71.158	51.959	0.308	21.3
9/1/2022	08:00:00 PM	3.25	26.491	89.865	177.717	0.508	22.7
9/1/2022	09:00:00 PM	2.708	26.525	93.356	178.599	0.206	25.2
9/1/2022	10:00:00 PM	5.145	26.916	92.981	231.05	0.664	25.6
9/1/2022	11:00:00 PM	2.302	27.354	91.479	269.595	1.599	25.7
9/2/2022	12:00:00 AM	2.166	27.112	91.772	277.781	1.436	26.4
9/2/2022	01:00:00 AM	2.437	26.815	92.852	271.767	0.469	28
9/2/2022	02:00:00 AM	2.573	26.818	93.519	245.507	0.206	29.6
9/2/2022	03:00:00 AM	2.708	26.779	94.617	221.593	0.861	31.8
9/2/2022	04:00:00 AM	3.25	26.835	94.858	151.83	0.201	34.9
9/2/2022	05:00:00 AM	2.708	26.725	96.349	228.45	0.205	39.3
9/2/2022	06:00:00 AM	5.281	26.961	96.609	286.244	0.721	40.1
9/2/2022	07:00:00 AM	10.562	26.982	96.833	246.711	0.204	41.3
9/2/2022	08:00:00 AM	20.717	27.454	96.711	162.211	0.196	42.8
9/2/2022	09:00:00 AM	62.964	27.548	96.431	117.381	0.202	45.4
9/2/2022	10:00:00 AM	68.109	28.214	92.952	117.952	0.704	46.7
9/2/2022	11:00:00 AM	79.077	30.026	87.908	59.661	0.197	47.5
9/2/2022	12:00:00 PM	124.574	28.726	91.791	91.499	0.742	50.4
9/2/2022	01:00:00 PM	188.891	29.692	91.029	285.98	0.207	52.8
9/2/2022	02:00:00 PM	219.493	29.731	88.924	130.296	0.2	54.2
9/2/2022	03:00:00 PM	29.654	29.28	88.65	7.994	1.125	58.6
9/2/2022	04:00:00 PM	134.864	29.446	91.748	16.125	0.726	63.7
9/2/2022	05:00:00 PM	182.663	28.99	93.013	32.102	0.516	70.5
9/2/2022	06:00:00 PM	13.541	29.175	88.966	246.584	0.65	71.2
9/2/2022	07:00:00 PM	2.437	28.916	88.72	345.396	0.207	73.9
9/2/2022	08:00:00 PM	2.573	28.56	93.031	292.188	0.724	78.9
9/2/2022	09:00:00 PM	3.791	28.994	92.549	32.738	0.197	79.1
9/2/2022	10:00:00 PM	4.604	28.872	91.142	271.566	0.208	79.2
9/2/2022	11:00:00 PM	3.25	28.981	90.26	254.185	0.201	79.3
9/3/2022	12:00:00 AM	5.958	28.995	91.99	322.896	0.486	79.5

9/3/2022	01:00:00 AM	4.468	29.558	87.384	174.141	0.201	79.5
9/3/2022	02:00:00 AM	2.166	29.683	84.804	35.012	0.197	79.5
9/3/2022	03:00:00 AM	2.302	29.107	89.385	129.388	0.743	81.3
9/3/2022	04:00:00 AM	3.927	29.188	85.456	19.718	0.199	81.3
9/3/2022	05:00:00 AM	2.166	28.914	88.008	90.975	0.198	81.6
9/3/2022	06:00:00 AM	24.238	28.668	89.756	314.031	0.381	81.9
9/3/2022	07:00:00 AM	88.285	28.476	90.05	68.539	0.354	87.1
9/3/2022	08:00:00 AM	173.184	29.886	85.14	37.13	0.195	87.3
9/3/2022	09:00:00 AM	121.053	30.103	89.301	246.974	0.207	90.2
9/3/2022	10:00:00 AM	102.502	30.501	87.577	197.636	0.201	90.9
9/3/2022	11:00:00 AM	52.402	31.374	79.496	348.164	0.208	91.9
9/3/2022	12:00:00 PM	617.045	30.476	89.685	215.407	0.205	102.2
9/3/2022	01:00:00 PM	177.111	29.74	88.327	85.938	0.196	102.9
9/3/2022	02:00:00 PM	167.904	30.823	82.739	343.511	0.212	105.3
9/3/2022	03:00:00 PM	106.158	30.068	87.448	235.89	0.641	106.3
9/3/2022	04:00:00 PM	240.887	29.412	90.219	331.16	0.208	110.2
9/3/2022	05:00:00 PM	27.487	29.573	88.993	304.414	0.208	110.4
9/3/2022	06:00:00 PM	13.134	29.348	91.47	276.594	0.616	111
9/3/2022	07:00:00 PM	2.979	27.736	93.33	92.095	0.202	119.7
9/3/2022	08:00:00 PM	2.302	28.291	94.775	129.644	0.201	120.5
9/3/2022	09:00:00 PM	3.521	28.673	93.671	291.433	0.657	120.9
9/3/2022	10:00:00 PM	3.385	28.854	91.663	131.79	0.549	121.5
9/3/2022	11:00:00 PM	2.844	28.768	91.322	333.16	2.049	123.3
9/4/2022	12:00:00 AM	2.708	29.046	87.587	331.952	0.207	123.5
9/4/2022	01:00:00 AM	5.687	29.189	87.684	213.971	0.56	124.3
9/4/2022	02:00:00 AM	0.948	28.98	88.046	280.054	0.285	124.6
9/4/2022	03:00:00 AM	2.031	28.891	87.46	135.962	0.2	125.3
9/4/2022	04:00:00 AM	2.437	28.744	86.612	157.359	1.87	126.3
9/4/2022	05:00:00 AM	2.166	28.441	87.243	118.986	1.481	127.8
9/4/2022	06:00:00 AM	5.687	28.416	88.767	2.562	0.259	128.8
9/4/2022	07:00:00 AM	23.019	28.246	90.904	87.977	0.71	132.1
9/4/2022	08:00:00 AM	23.154	27.539	92.56	221.988	1.288	136.9
9/4/2022	09:00:00 AM	53.215	27.547	92.705	35.682	0.448	140.8
9/4/2022	10:00:00 AM	119.834	27.445	93.047	58.603	1.345	143.6
9/4/2022	11:00:00 AM	20.582	27.369	93.243	108.788	0.388	147.1
9/4/2022	12:00:00 PM	221.389	27.281	93.043	73.712	0.647	149.6
9/4/2022	01:00:00 PM	664.573	29.479	78.385	199.281	0.58	150
9/4/2022	02:00:00 PM	66.891	29.231	77.575	223.313	0.906	150.3
9/4/2022	03:00:00 PM	254.699	30.237	72.052	24.615	0.28	150.5
9/4/2022	04:00:00 PM	287.332	30.961	68.866	255.147	1.161	150.5
9/4/2022	05:00:00 PM	230.19	32.218	60.232	259.812	0.204	150.5
9/4/2022	06:00:00 PM	13.811	30.843	69.97	41.137	1.284	150.5
9/4/2022	07:00:00 PM	2.844	30.792	68.886	84.502	0.487	150.5
9/4/2022	08:00:00 PM	2.573	30.747	68.203	291.001	0.717	150.5
9/4/2022	09:00:00 PM	-1.625	28.31	82.278	345.966	1.122	150.6
9/4/2022	10:00:00 PM	3.114	28.318	80.548	139.414	0.201	150.6
9/4/2022	11:00:00 PM	-4.062	28.369	81.256	264.307	2.43	150.6
9/5/2022	12:00:00 AM	-0.271	27.898	86.662	295.707	0.479	150.7
9/5/2022	01:00:00 AM	2.979	28.192	85.831	162.483	0.199	150.8
9/5/2022	02:00:00 AM	4.468	28.933	78.217	282.051	0.211	150.8

9/5/2022	03:00:00 AM	2.979	29.785	67.329	233.014	1.536	150.8
9/5/2022	04:00:00 AM	2.979	29.964	65.866	37.703	0.197	150.8
9/5/2022	05:00:00 AM	2.302	30.064	65.566	120.142	0.198	150.8
9/5/2022	06:00:00 AM	18.28	30.093	65.696	272.928	2.737	150.8
9/5/2022	07:00:00 AM	55.11	30.258	65.626	237.781	0.838	150.8
9/5/2022	08:00:00 AM	243.325	31.459	63.244	103.597	0.596	150.8
9/5/2022	09:00:00 AM	441.559	32.364	62.729	285.511	0.206	150.8
9/5/2022	10:00:00 AM	329.985	33.758	60.126	253.793	2.309	150.8
9/5/2022	11:00:00 AM	477.713	34.269	61.092	338.467	0.518	150.8
9/5/2022	12:00:00 PM	1124.953	35.42	59.153	232.009	3.321	150.8
9/5/2022	01:00:00 PM	859.422	37.086	51.341	222.17	0.21	150.8
9/5/2022	02:00:00 PM	338.921	36.109	56.724	109.087	0.747	150.8
9/5/2022	03:00:00 PM	73.661	34.758	62.309	202.692	0.731	150.8
9/5/2022	04:00:00 PM	126.063	34.648	62.554	342.411	0.776	150.8
9/5/2022	05:00:00 PM	50.506	33.827	66.415	169.677	0.204	150.8
9/5/2022	06:00:00 PM	2.844	31.041	74.676	182.618	0.591	150.8
9/5/2022	07:00:00 PM	-0.542	29.493	84.132	123.619	1.111	150.8
9/5/2022	08:00:00 PM	0.677	29.301	81.341	269.189	0.208	150.8
9/5/2022	09:00:00 PM	-0.948	29.701	78.385	27.437	0.985	150.8
9/5/2022	10:00:00 PM	1.083	29.737	80.261	83.64	0.198	150.8
9/5/2022	11:00:00 PM	0.677	29.246	80.996	120.064	0.818	150.8
9/6/2022	12:00:00 AM	1.219	28.902	80.916	107.291	0.199	150.8
9/6/2022	01:00:00 AM	2.979	28.988	81.323	165.375	0.203	150.8
9/6/2022	02:00:00 AM	1.489	29.047	79.814	163.803	0.869	150.8
9/6/2022	03:00:00 AM	3.385	28.745	81.052	265.81	1.465	150.8
9/6/2022	04:00:00 AM	1.625	28.472	83.002	243.488	0.2	150.8
9/6/2022	05:00:00 AM	0.812	28.884	82.686	140.872	0.199	150.8
9/6/2022	06:00:00 AM	10.291	28.337	85.093	107.484	0.46	150.8
9/6/2022	07:00:00 AM	40.893	28.821	83.97	147.801	0.202	150.8
9/6/2022	08:00:00 AM	23.967	27.664	88.86	227.408	0.202	152.8
9/6/2022	09:00:00 AM	101.69	26.829	86.84	148.363	0.49	154.2
9/6/2022	10:00:00 AM	151.655	28.371	76.237	114.78	0.199	154.2
9/6/2022	11:00:00 AM	349.889	29.294	76.93	241.907	0.817	154.2
9/6/2022	12:00:00 PM	356.253	31.528	64.875	139.992	0.201	154.2
9/6/2022	01:00:00 PM	417.728	31.917	60.418	51.48	0.755	154.2
9/6/2022	02:00:00 PM	381.439	31.705	59.913	315.277	0.208	154.2
9/6/2022	03:00:00 PM	431.674	32.083	61.769	67.153	0.852	154.2
9/6/2022	04:00:00 PM	117.262	30.899	64.313	199.693	0.208	154.2
9/6/2022	05:00:00 PM	111.845	30.446	63.567	40.952	0.609	154.2
9/6/2022	06:00:00 PM	11.239	29.584	69.053	110.864	0.2	154.2
9/6/2022	07:00:00 PM	1.219	28.934	70.955	116.292	0.199	154.2
9/6/2022	08:00:00 PM	1.083	28.676	69.981	107.43	0.603	154.2
9/6/2022	09:00:00 PM	1.354	28.54	71.052	59.344	0.345	154.2
9/6/2022	10:00:00 PM	0	28.521	68.662	222.875	0.206	154.2
9/6/2022	11:00:00 PM	0.948	28.133	72.909	166.946	0.196	154.2
9/7/2022	12:00:00 AM	2.302	27.663	74.503	170.284	0.2	154.2
9/7/2022	01:00:00 AM	1.76	27.519	77.474	115.172	0.56	154.2
9/7/2022	02:00:00 AM	2.573	27.614	77.615	177.74	0.2	154.2
9/7/2022	03:00:00 AM	0.677	27.393	77.957	212.337	0.378	154.2
9/7/2022	04:00:00 AM	0.406	27.297	79.701	241.655	0.958	154.2

9/7/2022	05:00:00 AM	2.437	27.956	81.394	213.002	0.201	154.2
9/7/2022	06:00:00 AM	12.999	27.682	80.087	83.227	0.195	154.2
9/7/2022	07:00:00 AM	46.715	28.663	79.083	98.4	0.825	154.2
9/7/2022	08:00:00 AM	194.985	29.813	76.678	145.79	1.105	154.2
9/7/2022	09:00:00 AM	199.182	30.994	71.965	86.527	0.198	154.2
9/7/2022	10:00:00 AM	101.419	30.914	72.881	347.491	0.762	154.2
9/7/2022	11:00:00 AM	251.043	30.596	75.275	81	0.199	154.2
9/7/2022	12:00:00 PM	186.048	30.201	76.037	187.593	0.789	154.3
9/7/2022	01:00:00 PM	321.86	31.715	65.886	75.711	0.197	154.3
9/7/2022	02:00:00 PM	531.198	32.753	53.807	134.889	0.969	154.3
9/7/2022	03:00:00 PM	163.977	31.322	56.779	136.629	0.546	154.3
9/7/2022	04:00:00 PM	132.021	30.756	60.918	125.748	0.542	154.3
9/7/2022	05:00:00 PM	69.599	30.856	55.872	84.024	0.197	154.3
9/7/2022	06:00:00 PM	7.177	30.288	53.297	116.728	1.202	154.3
9/7/2022	07:00:00 PM	1.896	29.51	62.977	90.838	0.469	154.3
9/7/2022	08:00:00 PM	2.166	29.372	65.829	81.812	2.101	154.3
9/7/2022	09:00:00 PM	2.844	29.4	62.174	161.113	1.07	154.3
9/7/2022	10:00:00 PM	0.948	29.294	58.263	183.467	0.205	154.3
9/7/2022	11:00:00 PM	0.948	28.518	63.636	20.448	0.508	154.3
9/8/2022	12:00:00 AM	1.219	27.416	61.768	252.141	1.055	154.3
9/8/2022	01:00:00 AM	-0.406	26.789	61.197	176.132	0.771	154.3
9/8/2022	02:00:00 AM	-1.083	25.929	75.102	172.162	0.2	154.3
9/8/2022	03:00:00 AM	-1.625	25.511	66.379	241.542	0.514	154.3
9/8/2022	04:00:00 AM	-0.271	24.705	77.204	95.508	0.622	154.3
9/8/2022	05:00:00 AM	-0.271	24.955	60.821	295.528	0.642	154.3
9/8/2022	06:00:00 AM	25.05	24.991	61.543	141.33	0.788	154.3
9/8/2022	07:00:00 AM	230.461	27.194	55.218	255.371	0.204	154.3
9/8/2022	08:00:00 AM	464.984	29.201	50.044	22.498	0.198	154.3
9/8/2022	09:00:00 AM	741.213	32.745	45.775	250.085	1.9	154.3
9/8/2022	10:00:00 AM	694.091	34.028	43.574	298.442	1.051	154.3
9/8/2022	11:00:00 AM	942.561	34.798	34.548	136.959	0.199	154.3
9/8/2022	12:00:00 PM	979.121	34.891	34.713	129.617	1.634	154.3
9/8/2022	01:00:00 PM	932.948	34.456	37.487	61.963	0.822	154.3
9/8/2022	02:00:00 PM	810.405	34.288	35.609	72.003	0.737	154.3
9/8/2022	03:00:00 PM	626.659	33.859	40.207	151.567	1.096	154.3
9/8/2022	04:00:00 PM	395.25	33.258	43.897	190.796	0.505	154.3
9/8/2022	05:00:00 PM	160.862	31.481	49.526	355.738	0.612	154.3
9/8/2022	06:00:00 PM	7.177	30.084	56.597	40.228	0.197	154.3
9/8/2022	07:00:00 PM	-0.271	29.375	59.708	187.333	0.708	154.3
9/8/2022	08:00:00 PM	-0.542	28.644	63.466	118.975	0.592	154.3
9/8/2022	09:00:00 PM	-0.948	27.977	66.052	52.437	0.443	154.3
9/8/2022	10:00:00 PM	-0.542	27.73	66.71	115.68	0.482	154.3
9/8/2022	11:00:00 PM	0.271	27.253	69.025	81.534	0.659	154.3
9/9/2022	12:00:00 AM	-0.135	26.82	71.355	193.701	0.893	154.3
9/9/2022	01:00:00 AM	-0.677	26.666	72.616	34.542	0.197	154.3
9/9/2022	02:00:00 AM	0.406	25.95	76.209	160.815	0.967	154.3
9/9/2022	03:00:00 AM	-0.406	25.751	76.831	102.066	0.591	154.3
9/9/2022	04:00:00 AM	0.542	25.624	74.884	191.116	0.203	154.3
9/9/2022	05:00:00 AM	-0.271	25.467	76.368	53.674	0.191	154.3
9/9/2022	06:00:00 AM	21.123	25.298	73.201	210.193	0.845	154.3

9/9/2022	07:00:00 AM	194.037	27.196	66.936	196.345	0.201	154.3
9/9/2022	08:00:00 AM	372.637	28.69	63.869	236.894	0.205	154.3
9/9/2022	09:00:00 AM	665.385	31.402	57.169	92.825	0.202	154.3
9/9/2022	10:00:00 AM	850.892	33.071	52.612	272.158	0.209	154.3
9/9/2022	11:00:00 AM	968.695	33.205	46.115	35.154	1.012	154.3
9/9/2022	12:00:00 PM	977.09	34.743	40.456	171.257	1.144	154.3
9/9/2022	01:00:00 PM	914.803	34.499	41.513	271.584	0.212	154.3
9/9/2022	02:00:00 PM	794.563	34.586	42.279	136.288	0.889	154.3
9/9/2022	03:00:00 PM	603.505	33.613	46.136	54.711	0.673	154.3
9/9/2022	04:00:00 PM	398.906	32.515	50.085	56.532	1.086	154.3
9/9/2022	05:00:00 PM	155.446	30.94	56.804	249.018	0.241	154.3
9/9/2022	06:00:00 PM	6.499	29.673	59.755	202.454	1.539	154.3
9/9/2022	07:00:00 PM	-2.979	28.886	63.762	155.49	0.626	154.3
9/9/2022	08:00:00 PM	-2.573	28.388	63.904	61.086	0.507	154.3
9/9/2022	09:00:00 PM	-1.354	27.572	68.403	124.961	0.62	154.3
9/9/2022	10:00:00 PM	-1.76	27.631	65.458	30.495	0.423	154.3
9/9/2022	11:00:00 PM	-2.979	27.129	68.888	118.248	0.902	154.3
9/10/2022	12:00:00 AM	-0.677	25.869	73.32	178.911	1.188	154.3
9/10/2022	01:00:00 AM	-0.812	25.949	72.234	131.583	0.194	154.3
9/10/2022	02:00:00 AM	-1.76	25.455	73.881	51.804	0.197	154.3
9/10/2022	03:00:00 AM	-2.437	25.184	75.206	133.257	0.399	154.3
9/10/2022	04:00:00 AM	-2.166	25.114	75.263	293.876	0.516	154.3
9/10/2022	05:00:00 AM	-1.625	24.976	74.283	184.257	0.771	154.3
9/10/2022	06:00:00 AM	24.238	24.766	74.379	167.253	0.2	154.3
9/10/2022	07:00:00 AM	245.085	26.55	65.871	206.745	2.418	154.3
9/10/2022	08:00:00 AM	495.451	30.83	54.119	237.279	0.649	154.3
9/10/2022	09:00:00 AM	813.249	31.481	54.222	289.124	0.209	154.3
9/10/2022	10:00:00 AM	900.586	32.509	46.557	19.161	0.557	154.3
9/10/2022	11:00:00 AM	1020.691	34.036	43.892	133.409	0.205	154.3
9/10/2022	12:00:00 PM	756.107	34.031	45.277	138.273	0.203	154.3
9/10/2022	01:00:00 PM	636.273	33.279	46.715	261.48	0.212	154.3
9/10/2022	02:00:00 PM	406.489	32.434	46.764	80.841	0.598	154.3
9/10/2022	03:00:00 PM	453.746	31.857	48.826	75.638	0.203	154.3
9/10/2022	04:00:00 PM	249.689	31.588	50.121	108.389	0.201	154.3
9/10/2022	05:00:00 PM	87.472	30.285	57.483	109.252	0.2	154.3
9/10/2022	06:00:00 PM	10.02	29.393	63.472	110.09	0.751	154.3
9/10/2022	07:00:00 PM	0	29.391	63.97	97.081	0.199	154.3
9/10/2022	08:00:00 PM	1.489	28.696	66.438	345.474	0.209	154.3
9/10/2022	09:00:00 PM	1.625	28.32	68.604	110.063	0.201	154.3
9/10/2022	10:00:00 PM	1.219	27.914	70.492	86.659	0.574	154.3
9/10/2022	11:00:00 PM	0.135	27.485	73.966	132.077	0.2	154.3
9/11/2022	12:00:00 AM	1.083	27.777	73.864	247.44	0.203	154.3
9/11/2022	01:00:00 AM	0	27.535	72.435	262.692	1.211	154.3
9/11/2022	02:00:00 AM	2.031	27.347	73.439	270.192	2.148	154.3
9/11/2022	03:00:00 AM	0.812	27.039	73.4	288.649	0.282	154.3
9/11/2022	04:00:00 AM	1.896	26.85	73.921	277.754	0.828	154.3
9/11/2022	05:00:00 AM	-0.812	27.324	74.464	206.757	0.21	154.3
9/11/2022	06:00:00 AM	0.542	26.694	84.471	29.437	0.45	154.3
9/11/2022	07:00:00 AM	11.239	25.944	90.216	239.365	0.882	154.7
9/11/2022	08:00:00 AM	21.53	26.456	90.447	253.534	0.202	154.8

9/11/2022 09:00:00 AM	24.779	26.417	93.067	137.288	0.522	161.2
9/11/2022 10:00:00 AM	90.722	26.794	93.889	135.666	0.198	162
9/11/2022 11:00:00 AM	135	27.794	92.907	260.76	0.777	162.5
9/11/2022 12:00:00 PM	74.609	27.518	93.471	49.411	0.197	162.8
9/11/2022 01:00:00 PM	111.304	27.914	93.129	232.989	0.391	163.2
9/11/2022 02:00:00 PM	27.894	27.999	90.516	150.303	2.475	165
9/11/2022 03:00:00 PM	132.021	27.305	94.272	278.71	0.626	174.2
9/11/2022 04:00:00 PM	54.704	28.039	93.879	230.763	0.736	174.4
9/11/2022 05:00:00 PM	29.925	27.818	94.091	26.477	0.196	176
9/11/2022 06:00:00 PM	7.177	27.878	93.87	194.839	0.203	177
9/11/2022 07:00:00 PM	2.166	28.225	88.847	154.635	0.197	177
9/11/2022 08:00:00 PM	7.177	28.196	89.35	356.703	0.207	177.2
9/11/2022 09:00:00 PM	3.656	28.035	89.999	348.711	0.206	178.1
9/11/2022 10:00:00 PM	4.604	27.762	91.702	249.925	1.284	178.2
9/11/2022 11:00:00 PM	2.708	27.885	94.601	32.771	0.194	178.4
9/12/2022 12:00:00 AM	3.385	27.453	90.634	245.371	0.205	179.3
9/12/2022 01:00:00 AM	3.521	26.99	92.809	267.669	1.043	179.6
9/12/2022 02:00:00 AM	1.219	26.911	93.444	275.337	1.75	179.9
9/12/2022 03:00:00 AM	2.573	26.814	94.276	122.578	0.198	180.7
9/12/2022 04:00:00 AM	2.031	26.755	94.81	254.79	1.219	180.9
9/12/2022 05:00:00 AM	2.979	26.901	94.829	251.857	1.152	182.5
9/12/2022 06:00:00 AM	7.177	26.98	95.252	49.066	0.195	186.8
9/12/2022 07:00:00 AM	57.818	27.23	95.576	148.672	0.202	190.5
9/12/2022 08:00:00 AM	152.603	28.216	95.381	253.017	0.202	190.8
9/12/2022 09:00:00 AM	139.874	28.993	86.959	254.827	0.207	190.8
9/12/2022 10:00:00 AM	394.302	30.361	75.296	82.391	0.429	190.8
9/12/2022 11:00:00 AM	143.124	29.278	79.467	49.164	0.198	192
9/12/2022 12:00:00 PM	194.308	30.973	75.852	180.627	0.503	196
9/12/2022 01:00:00 PM	134.729	29.984	82.529	67.56	0.196	198
9/12/2022 02:00:00 PM	177.517	29.191	84.412	251.324	0.69	203.3
9/12/2022 03:00:00 PM	179.007	28.466	91.019	91.724	0.669	207.6
9/12/2022 04:00:00 PM	47.798	28.102	92.196	241.3	1.52	214.2
9/12/2022 05:00:00 PM	18.415	27.99	91.583	241.783	1.718	223.2
9/12/2022 06:00:00 PM	4.739	27.426	86.272	114.553	0.195	224.5
9/12/2022 07:00:00 PM	3.385	27.521	88.602	339.237	0.21	225
9/12/2022 08:00:00 PM	4.198	27.274	91.135	163.82	0.475	226.6
9/12/2022 09:00:00 PM	1.625	27.259	92.183	337.776	0.207	228.4
9/12/2022 10:00:00 PM	7.989	27.338	88.483	183.742	0.199	228.6
9/12/2022 11:00:00 PM	8.124	27.662	86.476	356.717	0.209	228.6
9/13/2022 12:00:00 AM	3.25	27.43	88.883	4.362	0.679	229.3
9/13/2022 01:00:00 AM	5.822	27.478	90.529	163.928	0.483	230.8
9/13/2022 02:00:00 AM	5.822	27.558	89.129	187.205	0.74	230.9
9/13/2022 03:00:00 AM	3.521	27.45	88.222	159.545	0.956	232
9/13/2022 04:00:00 AM	4.062	26.619	92.906	352.306	0.328	236.1
9/13/2022 05:00:00 AM	6.093	27.355	90.086	206.882	0.203	236.1
9/13/2022 06:00:00 AM	10.562	27.274	87.918	243.492	0.198	236.2
9/13/2022 07:00:00 AM	43.872	27.24	89.397	335.469	0.207	237
9/13/2022 08:00:00 AM	148.947	27.729	84.023	252.272	0.491	237
9/13/2022 09:00:00 AM	164.248	28.196	84.607	49.994	0.196	237.1
9/13/2022 10:00:00 AM	237.773	27.885	87.071	19.66	1.287	238.9

9/13/2022	11:00:00 AM	403.645	28.984	78.779	173.928	1.059	239.4
9/13/2022	12:00:00 PM	282.457	28.095	81.831	227.876	1.366	239.4
9/13/2022	01:00:00 PM	307.643	30.624	68.001	257.686	1.772	239.4
9/13/2022	02:00:00 PM	228.159	30.011	68.941	210.468	0.712	239.4
9/13/2022	03:00:00 PM	85.441	28.42	79.492	100.275	0.986	240.3
9/13/2022	04:00:00 PM	64.047	27.36	86.936	251.918	1.19	241.4
9/13/2022	05:00:00 PM	56.329	27.653	83.117	121.404	0.395	242
9/13/2022	06:00:00 PM	11.239	27.694	84.421	217.993	0.204	242.2
9/13/2022	07:00:00 PM	6.906	27.939	82.362	352.17	0.978	242.2
9/13/2022	08:00:00 PM	6.364	27.338	83.134	255.934	0.204	243.1
9/13/2022	09:00:00 PM	7.177	28.042	78.093	103.639	1.135	243.4
9/13/2022	10:00:00 PM	2.166	27.229	80.258	150.839	0.694	244.5
9/13/2022	11:00:00 PM	9.343	27.161	82.615	274.377	1.451	245.2
9/14/2022	12:00:00 AM	3.385	25.868	91.894	145.824	0.198	255.8
9/14/2022	01:00:00 AM	2.979	25.645	94.394	136.081	0.2	267.2
9/14/2022	02:00:00 AM	2.844	25.746	95.227	341.781	0.21	269.7
9/14/2022	03:00:00 AM	4.198	25.637	96.332	225.875	1.738	272.2
9/14/2022	04:00:00 AM	3.791	25.683	96.023	142.412	0.199	272.9
9/14/2022	05:00:00 AM	7.041	25.993	94.483	325.953	0.208	273
9/14/2022	06:00:00 AM	11.374	26.266	91.953	132.745	0.199	273
9/14/2022	07:00:00 AM	83.546	26.934	87.857	266.343	0.204	273
9/14/2022	08:00:00 AM	291.935	28.848	79.827	81.201	0.199	273
9/14/2022	09:00:00 AM	599.578	31.777	63.552	243.664	1.025	273
9/14/2022	10:00:00 AM	108.596	31.62	59.446	85.929	0.196	273
9/14/2022	11:00:00 AM	285.03	32.071	56.706	259.011	3.254	273
9/14/2022	12:00:00 PM	366.815	32.439	53.124	271.917	4.363	273
9/14/2022	01:00:00 PM	553.675	33.675	50.684	247.364	1.36	273
9/14/2022	02:00:00 PM	306.695	33.673	53.124	280.35	0.537	273
9/14/2022	03:00:00 PM	710.746	34.505	51.328	276.445	2.228	273
9/14/2022	04:00:00 PM	230.597	34.082	52.829	146.068	0.542	273
9/14/2022	05:00:00 PM	182.798	33.738	54.675	288.311	0.845	273
9/14/2022	06:00:00 PM	5.552	32.429	60.088	1.403	0.186	273
9/14/2022	07:00:00 PM	1.76	31.229	64.646	107.168	0.206	273
9/14/2022	08:00:00 PM	2.031	30.015	74.965	144.085	0.205	273
9/14/2022	09:00:00 PM	1.896	29.278	80.465	108.313	0.198	273
9/14/2022	10:00:00 PM	2.031	28.954	80.452	236.363	0.207	273
9/14/2022	11:00:00 PM	1.896	28.696	79.707	157.255	0.513	273
9/15/2022	12:00:00 AM	2.708	28.284	81.793	242.48	0.404	273
9/15/2022	01:00:00 AM	1.354	28.046	81.212	112.752	0.638	273
9/15/2022	02:00:00 AM	4.875	28.026	80.769	152.875	0.198	273
9/15/2022	03:00:00 AM	2.573	27.494	80.847	223.64	1.738	273
9/15/2022	04:00:00 AM	1.896	26.956	79.719	234.405	2.18	273
9/15/2022	05:00:00 AM	1.219	26.722	80.301	266.135	0.203	273
9/15/2022	06:00:00 AM	20.311	26.509	80.748	276.452	1.231	273
9/15/2022	07:00:00 AM	200.943	28.358	73.082	201.026	0.205	273
9/15/2022	08:00:00 AM	444.944	31.148	62.208	243.689	1.698	273
9/15/2022	09:00:00 AM	648.73	34.694	50.57	228.861	0.856	273
9/15/2022	10:00:00 AM	775.606	36.381	40.969	75.296	0.201	273
9/15/2022	11:00:00 AM	882.035	35.983	40.282	118.643	0.245	273
9/15/2022	12:00:00 PM	244.273	37.443	40.741	346.211	0.214	273

9/15/2022	01:00:00 PM	465.255	36.411	45.621	123.403	0.204	273
9/15/2022	02:00:00 PM	44.549	34.155	52.449	65.176	1.107	273
9/15/2022	03:00:00 PM	13.27	29.345	76.911	132.026	0.443	273.9
9/15/2022	04:00:00 PM	59.308	27.71	88.249	308.683	0.207	279.3
9/15/2022	05:00:00 PM	177.788	29.016	81.974	190.739	0.609	279.5
9/15/2022	06:00:00 PM	9.072	28.625	83.44	104.925	0.195	279.5
9/15/2022	07:00:00 PM	1.76	28.402	82.097	168.407	0.601	279.5
9/15/2022	08:00:00 PM	2.437	27.658	85.35	102.659	1.381	279.5
9/15/2022	09:00:00 PM	2.437	27.504	84.53	109.149	0.376	279.5
9/15/2022	10:00:00 PM	0.812	27.56	82.559	78.529	0.198	279.5
9/15/2022	11:00:00 PM	-0.271	27.393	82.317	1.122	0.184	279.5
9/16/2022	12:00:00 AM	0.135	27.194	78.659	218.038	1.503	279.5
9/16/2022	01:00:00 AM	0.812	26.944	77.614	246.169	1.051	279.5
9/16/2022	02:00:00 AM	1.489	26.449	76.263	220.694	1.913	279.5
9/16/2022	03:00:00 AM	0.406	26.069	77.373	255.456	1.096	279.5
9/16/2022	04:00:00 AM	1.219	25.931	78.336	263.025	1.016	279.5
9/16/2022	05:00:00 AM	2.844	25.904	79.881	310.042	0.206	279.5
9/16/2022	06:00:00 AM	20.582	25.925	81.201	128.987	0.196	279.5
9/16/2022	07:00:00 AM	158.831	26.836	78.16	269.638	1.239	279.5
9/16/2022	08:00:00 AM	450.631	29.741	64.816	272.032	0.783	279.5
9/16/2022	09:00:00 AM	669.854	33.711	57.521	170.49	0.206	279.5
9/16/2022	10:00:00 AM	441.965	34.495	51.061	24.765	1.319	279.5
9/16/2022	11:00:00 AM	1026.378	31.684	73.735	63.949	0.205	280.8
9/16/2022	12:00:00 PM	1039.377	34.814	56.737	63.771	0.882	280.8
9/16/2022	01:00:00 PM	927.667	36.272	46.926	337.547	0.673	280.8
9/16/2022	02:00:00 PM	792.261	36.574	44.405	109.597	0.205	280.8
9/16/2022	03:00:00 PM	587.121	35.891	48.326	265.432	1.872	280.8
9/16/2022	04:00:00 PM	383.199	34.278	51.168	348.93	0.622	280.8
9/16/2022	05:00:00 PM	147.322	33.31	54.135	236.048	0.206	280.8
9/16/2022	06:00:00 PM	2.979	31.483	62.052	32.791	0.199	280.8
9/16/2022	07:00:00 PM	0.271	30.007	72.345	327.687	0.211	280.8
9/16/2022	08:00:00 PM	0.542	29.557	74.048	70.029	0.2	280.8
9/16/2022	09:00:00 PM	0.812	28.774	76.998	128.848	0.809	280.8
9/16/2022	10:00:00 PM	2.573	27.748	80.857	184.65	0.431	280.8
9/16/2022	11:00:00 PM	1.76	27.547	79.368	143.129	1.268	280.8
9/17/2022	12:00:00 AM	0.271	27.163	79.617	106.294	0.608	280.8
9/17/2022	01:00:00 AM	-0.542	26.792	80.348	113.553	0.198	280.8
9/17/2022	02:00:00 AM	0.406	26.333	79.383	248.891	1.076	280.8
9/17/2022	03:00:00 AM	0.406	26.133	78.057	294.876	0.981	280.8
9/17/2022	04:00:00 AM	1.083	25.596	78.72	214.154	0.588	280.8
9/17/2022	05:00:00 AM	-0.135	25.586	76.892	291.527	0.318	280.8
9/17/2022	06:00:00 AM	16.79	25.441	79.02	262.446	1.158	280.8
9/17/2022	07:00:00 AM	210.692	26.893	72.193	237.547	1.238	280.8
9/17/2022	08:00:00 AM	205.817	29.727	64.805	142.023	0.203	280.8
9/17/2022	09:00:00 AM	758.003	33.742	54.472	293.341	0.608	280.8
9/17/2022	10:00:00 AM	392.813	32.437	57.436	70.382	0.201	280.8
9/17/2022	11:00:00 AM	925.636	35.023	47.527	299.619	1.652	280.8
9/17/2022	12:00:00 PM	954.071	35.916	42.513	45.927	0.487	280.8
9/17/2022	01:00:00 PM	878.921	35.486	40.722	212.5	0.742	280.8
9/17/2022	02:00:00 PM	796.594	35.994	38.419	309.362	0.211	280.8



9/17/2022	03:00:00 PM	555.977	35.291	45.231	171.863	0.205	280.8
9/17/2022	04:00:00 PM	326.058	34.587	47.278	260.213	0.212	280.8
9/17/2022	05:00:00 PM	127.146	33.414	47.595	331.751	0.215	280.8
9/17/2022	06:00:00 PM	1.354	31.401	57.56	352.862	0.214	280.8
9/17/2022	07:00:00 PM	0	30.156	64.371	65.301	0.194	280.8
9/17/2022	08:00:00 PM	-0.542	29.296	67.322	248.557	0.682	280.8
9/17/2022	09:00:00 PM	0.812	28.737	69.207	134.942	0.792	280.8
9/17/2022	10:00:00 PM	0	27.702	73.161	256.1	1.429	280.8
9/17/2022	11:00:00 PM	0.135	26.968	70.432	239.646	2.16	280.8
9/18/2022	12:00:00 AM	1.354	26.904	65.608	221.985	1.567	280.8
9/18/2022	01:00:00 AM	0.677	26.743	65.907	177.631	0.62	280.8
9/18/2022	02:00:00 AM	3.25	26.488	65.656	238.13	0.828	280.8
9/18/2022	03:00:00 AM	1.76	26.24	67.251	245.21	0.633	280.8
9/18/2022	04:00:00 AM	0.271	25.933	68.014	97.607	0.199	280.8
9/18/2022	05:00:00 AM	2.031	26.204	69.603	237.326	0.975	280.8
9/18/2022	06:00:00 AM	5.552	25.589	76.429	229.625	0.929	280.8
9/18/2022	07:00:00 AM	66.891	25.952	78.401	72.316	0.198	280.8
9/18/2022	08:00:00 AM	423.686	28.663	69.612	107.972	0.198	280.8
9/18/2022	09:00:00 AM	606.619	31.376	54.63	126.306	0.527	280.8
9/18/2022	10:00:00 AM	780.48	35.599	42.491	100.021	0.205	280.8
9/18/2022	11:00:00 AM	885.691	36.092	39.515	256.842	0.42	280.8
9/18/2022	12:00:00 PM	298.435	36.168	44.083	219.003	0.207	280.8
9/18/2022	01:00:00 PM	852.246	35.585	45.626	257.284	0.559	280.8
9/18/2022	02:00:00 PM	698.56	35.621	42.888	48.309	0.591	280.8
9/18/2022	03:00:00 PM	553.675	35.606	42.789	270.475	1.358	280.8
9/18/2022	04:00:00 PM	330.12	34.946	46.599	55.888	0.201	280.8
9/18/2022	05:00:00 PM	106.294	33.819	48.2	5.843	0.192	280.8
9/18/2022	06:00:00 PM	-0.271	32.628	50.393	96.046	0.2	280.8
9/18/2022	07:00:00 PM	-1.219	31.132	59.675	135.457	0.2	280.8
9/18/2022	08:00:00 PM	-1.219	29.554	66.935	263.108	1.57	280.8
9/18/2022	09:00:00 PM	-0.271	28.638	70.179	123.864	1.379	280.8
9/18/2022	10:00:00 PM	-0.542	28.468	69.334	239.76	0.48	280.8
9/18/2022	11:00:00 PM	-0.135	27.653	73.428	98.537	0.652	280.8
9/19/2022	12:00:00 AM	0.135	27.438	71.981	103.526	0.202	280.8
9/19/2022	01:00:00 AM	-0.677	26.855	72.319	285.375	1.329	280.8
9/19/2022	02:00:00 AM	-0.542	26.521	71.483	252.667	0.434	280.8
9/19/2022	03:00:00 AM	0.812	26.401	70.186	146.485	0.197	280.8
9/19/2022	04:00:00 AM	-0.135	26.335	71.639	339.493	0.215	280.8
9/19/2022	05:00:00 AM	1.625	25.918	73.882	252.664	0.213	280.8
9/19/2022	06:00:00 AM	32.091	25.589	75.236	248.801	1.915	280.8
9/19/2022	07:00:00 AM	142.176	26.352	72.911	161.546	0.201	280.8
9/19/2022	08:00:00 AM	410.28	30.123	57.934	93.42	0.2	280.8
9/19/2022	09:00:00 AM	560.039	33.478	46.459	225.224	0.802	280.8
9/19/2022	10:00:00 AM	836.268	35.917	42.749	109.584	0.202	280.8
9/19/2022	11:00:00 AM	472.296	36.529	40.128	110.175	0.445	280.8
9/19/2022	12:00:00 PM	543.384	37.188	39.508	90.805	0.209	280.8
9/19/2022	01:00:00 PM	939.312	35.604	44.528	195.765	0.527	280.8
9/19/2022	02:00:00 PM	291.123	35.369	46.729	217.203	0.374	280.8
9/19/2022	03:00:00 PM	224.368	33.997	45.735	123.261	0.591	280.8
9/19/2022	04:00:00 PM	77.181	32.286	53.177	145.729	0.204	280.8

9/19/2022	05:00:00 PM	38.862	30.644	65.806	104.736	0.2	280.8
9/19/2022	06:00:00 PM	1.083	30.2	69.237	165.491	2.011	280.8
9/19/2022	07:00:00 PM	0.271	29.825	70.46	70.126	0.199	280.8
9/19/2022	08:00:00 PM	0.542	29.541	67.438	268.763	0.631	280.8
9/19/2022	09:00:00 PM	-0.271	29.131	68.696	122.852	0.686	280.8
9/19/2022	10:00:00 PM	-1.219	29.083	67.287	193.699	0.254	280.8
9/19/2022	11:00:00 PM	0.271	28.2	72.273	134.176	1.292	280.8
9/20/2022	12:00:00 AM	-1.083	27.585	72.891	87.629	0.756	280.8
9/20/2022	01:00:00 AM	0.542	27.171	71.758	314.309	0.207	280.8
9/20/2022	02:00:00 AM	-0.948	27.324	71.095	149.839	0.199	280.8
9/20/2022	03:00:00 AM	0.542	27.321	71.697	104.04	0.201	280.8
9/20/2022	04:00:00 AM	-0.677	26.446	71.072	136.121	0.199	280.8
9/20/2022	05:00:00 AM	0.406	26.144	70.69	243.726	0.547	280.8
9/20/2022	06:00:00 AM	18.144	26.246	76.365	132.399	0.197	280.8
9/20/2022	07:00:00 AM	225.316	28.57	65.354	232.575	0.208	280.8
9/20/2022	08:00:00 AM	102.502	29.208	59.518	233.056	0.211	280.8
9/20/2022	09:00:00 AM	212.723	29.916	53.018	106.529	0.204	280.8
9/20/2022	10:00:00 AM	481.639	29.871	53.383	178.893	1.419	280.8
9/20/2022	11:00:00 AM	710.476	30.655	51.253	322.656	0.961	280.8
9/20/2022	12:00:00 PM	432.487	30.234	51.871	127.286	2.677	280.8
9/20/2022	01:00:00 PM	376.7	31.518	49.249	55.394	0.202	280.8
9/20/2022	02:00:00 PM	424.227	30.856	50.17	57.052	0.207	280.8
9/20/2022	03:00:00 PM	573.038	30.411	51.829	238.284	0.462	280.8
9/20/2022	04:00:00 PM	149.353	29.613	52.872	96.265	1.174	280.8
9/20/2022	05:00:00 PM	137.573	29.003	52.049	238.79	0.458	280.8
9/20/2022	06:00:00 PM	0.135	27.99	56.406	82.223	0.216	280.8
9/20/2022	07:00:00 PM	-1.896	27.72	58.485	145.433	0.842	280.8
9/20/2022	08:00:00 PM	0	27.146	60.609	39.641	0.196	280.8
9/20/2022	09:00:00 PM	-1.354	26.79	61.21	149.742	0.633	280.8
9/20/2022	10:00:00 PM	-1.219	26.483	63.107	102.734	0.479	280.8
9/20/2022	11:00:00 PM	0.135	25.713	66.574	82.477	0.496	280.8
9/21/2022	12:00:00 AM	-1.625	25.068	69.203	221.781	1.02	280.8
9/21/2022	01:00:00 AM	1.489	24.936	66.745	223.643	0.206	280.8
9/21/2022	02:00:00 AM	0.271	24.449	72.636	251.65	0.203	280.8
9/21/2022	03:00:00 AM	-0.542	24.278	64.478	260.754	1.013	280.8
9/21/2022	04:00:00 AM	1.219	24.234	63.022	164.93	0.203	280.8
9/21/2022	05:00:00 AM	1.354	24.162	62.044	189.082	0.202	280.8
9/21/2022	06:00:00 AM	18.686	24.538	57.403	182.416	0.825	280.8
9/21/2022	07:00:00 AM	78.671	25.108	68.636	144.088	0.972	280.8
9/21/2022	08:00:00 AM	362.482	27.723	53.743	199.56	0.755	280.8
9/21/2022	09:00:00 AM	272.979	30.239	52.387	193.357	0.535	280.8
9/21/2022	10:00:00 AM	276.228	30.765	55.76	88.399	0.465	280.8
9/21/2022	11:00:00 AM	957.727	32.118	54.747	61.85	0.796	280.8
9/21/2022	12:00:00 PM	963.956	32.657	50.498	166.057	0.53	280.8
9/21/2022	01:00:00 PM	279.884	34.302	44.832	97.844	0.206	280.8
9/21/2022	02:00:00 PM	815.551	32.487	51.196	160.715	0.922	280.8
9/21/2022	03:00:00 PM	701.539	32.508	51.253	21.803	0.569	280.8
9/21/2022	04:00:00 PM	388.074	30.771	57.676	262.892	0.529	280.8
9/21/2022	05:00:00 PM	86.118	29.701	59.176	111.928	0.48	280.8
9/21/2022	06:00:00 PM	1.083	28.689	61.113	26.6	0.547	280.8

9/21/2022 07:00:00 PM	-0.812	27.945	64.165	100.497	0.198	280.8
9/21/2022 08:00:00 PM	-2.437	27.71	65.108	112.752	0.988	280.8
9/21/2022 09:00:00 PM	0.677	27.56	65.447	174.941	0.959	280.8
9/21/2022 10:00:00 PM	-0.406	27.136	67.419	105.002	0.973	280.8
9/21/2022 11:00:00 PM	-0.542	26.701	68.101	356.225	0.209	280.8
9/22/2022 12:00:00 AM	-0.542	26.274	69.506	125.01	0.817	280.8
9/22/2022 01:00:00 AM	0.406	25.754	71.852	89.681	0.762	280.8
9/22/2022 02:00:00 AM	-1.354	25.429	73.439	120.335	0.198	280.8
9/22/2022 03:00:00 AM	1.083	25.375	73.759	102.986	0.734	280.8
9/22/2022 04:00:00 AM	1.76	25.044	74.863	97.37	0.648	280.8
9/22/2022 05:00:00 AM	0	24.804	74.783	151.957	0.301	280.8
9/22/2022 06:00:00 AM	20.446	24.708	74.24	175.179	0.199	280.8
9/22/2022 07:00:00 AM	123.761	27.384	64.607	70.316	0.199	280.8
9/22/2022 08:00:00 AM	497.346	30.065	55.062	174.67	0.489	280.8
9/22/2022 09:00:00 AM	770.054	30.679	48.72	136.594	1.959	280.8
9/22/2022 10:00:00 AM	877.837	32.303	44.225	42.841	0.201	280.8
9/22/2022 11:00:00 AM	917.782	32.179	42.773	327.15	0.568	280.8
9/22/2022 12:00:00 PM	944.457	32.746	40.292	129.806	1.987	280.8
9/22/2022 01:00:00 PM	905.189	32.218	38.258	313.104	0.212	280.8
9/22/2022 02:00:00 PM	784.272	32.336	36.3	41.685	0.202	280.8
9/22/2022 03:00:00 PM	602.557	32.232	34.18	243.992	0.653	280.8
9/22/2022 04:00:00 PM	369.659	31.459	40.904	56.175	1.075	280.8
9/22/2022 05:00:00 PM	129.042	30.089	49.601	76.702	0.954	280.8
9/22/2022 06:00:00 PM	-0.406	28.297	58.347	92.798	0.198	280.8
9/22/2022 07:00:00 PM	-0.812	27.746	62.618	119.016	0.201	280.8
9/22/2022 08:00:00 PM	0.135	27.006	66.553	134.377	1.456	280.8
9/22/2022 09:00:00 PM	0	26.321	70.065	341.195	0.208	280.8
9/22/2022 10:00:00 PM	-0.406	25.659	72.273	194.355	0.519	280.8
9/22/2022 11:00:00 PM	-0.135	25.078	74.405	143.778	0.201	280.8
9/23/2022 12:00:00 AM	1.354	24.819	74.426	170.018	0.523	280.8
9/23/2022 01:00:00 AM	1.354	24.56	70.728	156.787	1.205	280.8
9/23/2022 02:00:00 AM	0.271	24.06	68.536	294.795	2.286	280.8
9/23/2022 03:00:00 AM	1.489	23.809	68.611	236.386	2.16	280.8
9/23/2022 04:00:00 AM	0.542	23.623	65.656	272.231	1.472	280.8
9/23/2022 05:00:00 AM	0.271	23.467	61.498	219.355	1.07	280.8
9/23/2022 06:00:00 AM	15.843	23.507	68.145	216.393	2.01	280.8
9/23/2022 07:00:00 AM	151.79	24.52	67.048	246.986	1.191	280.8
9/23/2022 08:00:00 AM	454.558	27.908	56.414	251.865	0.207	280.8
9/23/2022 09:00:00 AM	700.32	30.62	55.183	271.969	0.206	280.8
9/23/2022 10:00:00 AM	820.154	32.792	46.619	186.168	0.207	280.8
9/23/2022 11:00:00 AM	900.315	32.945	42.719	138.216	0.956	280.8
9/23/2022 12:00:00 PM	931.052	32.963	44.308	43.647	0.839	280.8
9/23/2022 01:00:00 PM	899.232	32.505	44.545	107.367	0.692	280.8
9/23/2022 02:00:00 PM	269.052	32.118	49.216	163.907	0.651	280.8
9/23/2022 03:00:00 PM	557.602	31.812	47.459	118.792	0.692	280.8
9/23/2022 04:00:00 PM	397.823	30.937	51.988	37.838	0.673	280.8
9/23/2022 05:00:00 PM	90.18	29.28	58.267	105.169	1.671	280.8
9/23/2022 06:00:00 PM	1.083	28.508	60.296	136.253	0.525	280.8
9/23/2022 07:00:00 PM	1.219	28.198	58.667	136.717	0.465	280.8
9/23/2022 08:00:00 PM	1.625	28.215	60.771	107.6	0.2	280.8

9/23/2022	09:00:00 PM	1.896	28.023	60.971	70.011	0.2	280.8
9/23/2022	10:00:00 PM	-7.177	28.047	61.371	153.393	0.524	280.8
9/23/2022	11:00:00 PM	2.708	27.078	68.291	262.197	1.131	280.8
9/24/2022	12:00:00 AM	0.677	26.948	68.863	152.893	0.618	280.8
9/24/2022	01:00:00 AM	2.166	27.037	68.962	25.053	0.199	280.8
9/24/2022	02:00:00 AM	0.271	27.005	69.042	193.491	0.483	280.8
9/24/2022	03:00:00 AM	2.166	27.073	68.741	91.559	0.202	280.8
9/24/2022	04:00:00 AM	2.979	27.021	68.84	107.21	0.73	280.8
9/24/2022	05:00:00 AM	0.271	26.74	71.411	347.121	0.209	280.8
9/24/2022	06:00:00 AM	1.76	25.218	84.96	141.687	1.684	280.8
9/24/2022	07:00:00 AM	23.561	24.848	86.117	130.433	0.777	280.8
9/24/2022	08:00:00 AM	33.039	24.919	86.476	346.387	0.471	280.8
9/24/2022	09:00:00 AM	89.91	25.271	87.521	119.082	0.197	280.9
9/24/2022	10:00:00 AM	32.904	25.313	87.498	303.504	0.484	280.9
9/24/2022	11:00:00 AM	124.709	25.774	87.539	89.699	0.746	281.1
9/24/2022	12:00:00 PM	85.983	25.71	87.379	188.054	0.2	281.3
9/24/2022	01:00:00 PM	63.099	25.834	88.421	123.219	0.202	281.5
9/24/2022	02:00:00 PM	64.724	25.443	90.257	143.491	0.363	282
9/24/2022	03:00:00 PM	61.881	25.592	89.57	36.099	0.199	282.3
9/24/2022	04:00:00 PM	51.725	25.871	87.53	4.409	0.187	282.3
9/24/2022	05:00:00 PM	15.301	25.901	87.742	138.617	0.567	282.3
9/24/2022	06:00:00 PM	2.437	26.341	83.742	209.847	0.347	282.3
9/24/2022	07:00:00 PM	4.333	26.261	85.021	24.105	0.5	282.3
9/24/2022	08:00:00 PM	1.083	26.363	86.815	101.972	0.198	282.3
9/24/2022	09:00:00 PM	3.791	26.74	86.052	158.04	0.372	282.4
9/24/2022	10:00:00 PM	1.219	26.446	88.184	57.671	0.198	282.5
9/24/2022	11:00:00 PM	0.271	26.881	87.979	194.756	0.203	282.5
9/25/2022	12:00:00 AM	4.198	26.974	88.226	52.562	0.198	282.7
9/25/2022	01:00:00 AM	-1.354	26.92	86.995	90.042	1.258	282.8
9/25/2022	02:00:00 AM	1.219	27	86.956	270.538	0.205	282.8
9/25/2022	03:00:00 AM	-0.135	26.805	86.781	145.899	1.698	282.9
9/25/2022	04:00:00 AM	1.083	26.682	87.384	39.436	0.617	283
9/25/2022	05:00:00 AM	3.791	26.832	85.468	28.933	0.194	283
9/25/2022	06:00:00 AM	2.437	26.695	86.394	328.127	0.21	283
9/25/2022	07:00:00 AM	25.863	26.879	86.06	235.613	0.532	283
9/25/2022	08:00:00 AM	53.35	26.669	88.801	356.411	0.208	283.1
9/25/2022	09:00:00 AM	43.059	26.577	91.337	230.531	0.378	283.8
9/25/2022	10:00:00 AM	61.474	27.22	88.267	343.508	0.208	283.8
9/25/2022	11:00:00 AM	621.514	28.884	82.528	209.677	0.565	283.8
9/25/2022	12:00:00 PM	217.868	27.751	83.062	117.434	0.765	283.8
9/25/2022	01:00:00 PM	136.354	28.115	82.803	218.219	0.693	283.8
9/25/2022	02:00:00 PM	58.089	27.188	87.58	51.426	1.035	284
9/25/2022	03:00:00 PM	119.564	27.475	89.714	97.461	0.967	284.3
9/25/2022	04:00:00 PM	141.906	28.456	85.967	147.427	0.202	284.3
9/25/2022	05:00:00 PM	87.201	28.186	85.208	134.831	0.712	284.3
9/25/2022	06:00:00 PM	3.521	27.779	86.552	71.035	0.522	284.3
9/25/2022	07:00:00 PM	1.896	27.85	86.755	183.645	0.201	284.3
9/25/2022	08:00:00 PM	2.437	27.344	90.209	143.45	0.2	284.9
9/25/2022	09:00:00 PM	4.468	27.298	90.49	170.313	0.202	285
9/25/2022	10:00:00 PM	4.198	27.666	88.845	114.788	0.196	285

9/25/2022	11:00:00 PM	4.333	27.859	87.64	128.91	0.198	285
9/26/2022	12:00:00 AM	1.083	27.786	88.905	356.206	0.212	285
9/26/2022	01:00:00 AM	4.468	27.973	87.452	161.685	0.46	285
9/26/2022	02:00:00 AM	3.25	28.06	85.887	18.313	0.196	285
9/26/2022	03:00:00 AM	2.573	27.862	87.535	41.109	0.197	285.3
9/26/2022	04:00:00 AM	2.166	27.782	91.053	175.355	0.392	286
9/26/2022	05:00:00 AM	3.114	27.655	91.461	351.866	0.201	286.1
9/26/2022	06:00:00 AM	7.854	27.541	91.253	356.215	0.206	286.1
9/26/2022	07:00:00 AM	32.768	27.861	90.391	103.711	0.199	286.1
9/26/2022	08:00:00 AM	143.666	28.559	88.104	198.82	0.211	286.1
9/26/2022	09:00:00 AM	234.388	29.397	82.818	65.004	0.682	286.1
9/26/2022	10:00:00 AM	842.903	33.079	68.951	37.489	0.2	286.1
9/26/2022	11:00:00 AM	994.828	34.514	57.82	140.205	0.945	286.1
9/26/2022	12:00:00 PM	931.458	35	54.559	267.338	0.564	286.1
9/26/2022	01:00:00 PM	904.512	35.342	50.974	112.612	0.567	286.1
9/26/2022	02:00:00 PM	801.739	35.493	49.848	207.728	0.749	286.1
9/26/2022	03:00:00 PM	601.609	34.75	51.136	101.062	0.56	286.1
9/26/2022	04:00:00 PM	385.23	34.15	56.463	37.935	0.761	286.1
9/26/2022	05:00:00 PM	129.584	32.792	59.619	67.114	1.248	286.1
9/26/2022	06:00:00 PM	2.302	30.963	70.557	102.832	1.267	286.1
9/26/2022	07:00:00 PM	0.677	30.026	74.713	39.502	0.934	286.1
9/26/2022	08:00:00 PM	0.677	29.873	73.566	60.608	1.268	286.1
9/26/2022	09:00:00 PM	-0.812	29.723	71.477	134.95	0.745	286.1
9/26/2022	10:00:00 PM	-0.542	29.365	72.057	68.205	0.198	286.1
9/26/2022	11:00:00 PM	-0.135	29.063	72.077	83.152	0.444	286.1
9/27/2022	12:00:00 AM	3.25	28.916	74.365	90.5	0.402	286.1
9/27/2022	01:00:00 AM	2.708	28.745	71.951	246.4	0.202	286.1
9/27/2022	02:00:00 AM	1.354	28.212	70.104	83.348	2.35	286.1
9/27/2022	03:00:00 AM	0.812	27.931	72.593	90.552	2.121	286.1
9/27/2022	04:00:00 AM	1.489	28.718	69.471	96.015	1.642	286.1
9/27/2022	05:00:00 AM	0.271	28.522	69.864	49.461	0.195	286.1
9/27/2022	06:00:00 AM	13.405	28.342	71.59	215.877	0.205	286.1
9/27/2022	07:00:00 AM	238.315	30.371	66.128	137.812	0.2	286.1
9/27/2022	08:00:00 AM	499.648	32.501	59.001	88.787	0.202	286.1
9/27/2022	09:00:00 AM	759.899	33.3	53.846	147.544	1.846	286.1
9/27/2022	10:00:00 AM	863.214	34.577	46.633	126.716	1.044	286.1
9/27/2022	11:00:00 AM	931.594	35.051	45.563	121.76	2.523	286.1
9/27/2022	12:00:00 PM	233.846	35.475	45.02	142.261	0.748	286.1
9/27/2022	01:00:00 PM	386.72	34.012	49.247	88.758	1.498	286.1
9/27/2022	02:00:00 PM	796.188	34.999	46.1	137.43	2.807	286.1
9/27/2022	03:00:00 PM	468.234	34.498	46.693	122.183	0.89	286.1
9/27/2022	04:00:00 PM	356.524	33.408	49.242	121.962	1.561	286.1
9/27/2022	05:00:00 PM	126.198	32.589	50.579	355.387	0.38	286.1
9/27/2022	06:00:00 PM	3.114	31.174	56.762	151.426	1.119	286.1
9/27/2022	07:00:00 PM	2.302	30.221	60.937	73.688	0.202	286.1
9/27/2022	08:00:00 PM	1.489	29.753	64.104	122.331	1.525	286.1
9/27/2022	09:00:00 PM	1.219	29.314	70.833	46.335	0.193	286.1
9/27/2022	10:00:00 PM	1.219	29.387	67.344	245.338	0.86	286.1
9/27/2022	11:00:00 PM	1.083	29.067	67.2	121.939	0.798	286.1
9/28/2022	12:00:00 AM	0.542	29.168	63.858	89.127	1.082	286.1

9/28/2022 01:00:00 AM	3.25	28.924	68.002	131.036	0.202	286.1
9/28/2022 02:00:00 AM	2.031	28.769	66.492	139.375	0.885	286.1
9/28/2022 03:00:00 AM	0.542	28.725	66.008	206.557	0.914	286.1
9/28/2022 04:00:00 AM	1.083	28.701	65.26	42.722	2.041	286.1
9/28/2022 05:00:00 AM	0.812	28.046	68.025	85.068	1.248	286.1
9/28/2022 06:00:00 AM	14.218	27.865	68.542	149.53	1.113	286.1
9/28/2022 07:00:00 AM	232.221	29.243	64.717	141.44	0.509	286.1
9/28/2022 08:00:00 AM	475.681	32.539	49.989	42.67	0.231	286.1
9/28/2022 09:00:00 AM	683.53	34.145	46.737	209.237	0.207	286.1
9/28/2022 10:00:00 AM	828.008	35.342	43.535	57.55	0.705	286.1
9/28/2022 11:00:00 AM	911.554	37.267	39.907	170.594	0.425	286.1
9/28/2022 12:00:00 PM	932.812	36.551	41.648	135.439	3.866	286.1
9/28/2022 01:00:00 PM	885.42	36.746	42.499	153.016	0.209	286.1
9/28/2022 02:00:00 PM	745.139	37.057	43.059	111.905	0.516	286.1
9/28/2022 03:00:00 PM	565.32	36.49	45.652	119.756	0.67	286.1
9/28/2022 04:00:00 PM	331.88	34.789	49.502	3.498	0.191	286.1
9/28/2022 05:00:00 PM	103.856	33.508	53.809	282.83	0.282	286.1
9/28/2022 06:00:00 PM	1.489	31.985	59.744	266.029	0.734	286.1
9/28/2022 07:00:00 PM	1.219	31.238	63.785	56.508	0.469	286.1
9/28/2022 08:00:00 PM	-0.135	30.799	66.75	318.318	0.573	286.1
9/28/2022 09:00:00 PM	0	30.38	70.622	40.902	0.477	286.1
9/28/2022 10:00:00 PM	0.542	30.324	70.141	115.678	0.661	286.1
9/28/2022 11:00:00 PM	0.135	30.308	69.366	127.295	1.057	286.1
9/29/2022 12:00:00 AM	3.114	30.336	67.025	117.712	0.932	286.1
9/29/2022 01:00:00 AM	0.677	30.269	66.799	151.262	0.382	286.1
9/29/2022 02:00:00 AM	1.083	30.014	68.151	162.768	0.518	286.1
9/29/2022 03:00:00 AM	1.354	29.711	69.614	38.143	0.493	286.1
9/29/2022 04:00:00 AM	0.812	29.193	71.681	255.705	0.207	286.1
9/29/2022 05:00:00 AM	-0.677	28.956	73.555	119.016	0.304	286.1
9/29/2022 06:00:00 AM	18.686	28.681	71.16	241.38	1.106	286.1
9/29/2022 07:00:00 AM	208.661	31.027	61.65	296.991	0.204	286.1
9/29/2022 08:00:00 AM	439.528	33.177	54.478	234.043	0.694	286.1
9/29/2022 09:00:00 AM	641.96	35.944	50.475	145.267	0.205	286.1
9/29/2022 10:00:00 AM	846.829	36.306	49.853	349.765	0.408	286.1
9/29/2022 11:00:00 AM	967.747	37.24	43.509	101.08	0.364	286.1
9/29/2022 12:00:00 PM	508.585	37.089	42.539	48.802	1.385	286.1
9/29/2022 01:00:00 PM	925.229	36.249	44.998	255.785	0.587	286.1
9/29/2022 02:00:00 PM	298.57	38.576	42.065	215.944	1.475	286.1
9/29/2022 03:00:00 PM	346.233	37.564	44.603	265.849	0.213	286.1
9/29/2022 04:00:00 PM	63.235	35.367	53.346	108.096	0.203	286.1
9/29/2022 05:00:00 PM	35.476	33.756	56.315	148.889	0.649	286.1
9/29/2022 06:00:00 PM	0.135	32.561	57.598	168.5	1.529	286.1
9/29/2022 07:00:00 PM	1.219	31.578	59.334	80.144	0.202	286.1
9/29/2022 08:00:00 PM	-0.271	31.026	62.697	136.532	1.006	286.1
9/29/2022 09:00:00 PM	1.219	30.344	66.487	46.863	0.532	286.1
9/29/2022 10:00:00 PM	1.219	30.7	64.218	175.923	0.224	286.1
9/29/2022 11:00:00 PM	-0.406	30.729	62.73	164.714	0.214	286.1
9/30/2022 12:00:00 AM	0.271	30.606	60.99	352.598	0.226	286.1
9/30/2022 01:00:00 AM	0.948	30.265	62.085	172.951	0.201	286.1
9/30/2022 02:00:00 AM	-0.406	29.767	65.733	136.387	0.202	286.1

9/30/2022 03:00:00 AM	-0.677	29.384	67.625	356.109	0.213	286.1
9/30/2022 04:00:00 AM	1.083	29.176	68.53	243.069	0.205	286.1
9/30/2022 05:00:00 AM	0.271	28.503	72.063	230.669	0.346	286.1
9/30/2022 06:00:00 AM	13.676	28.396	71.755	258.192	1.125	286.1
9/30/2022 07:00:00 AM	130.802	28.996	68.877	240.76	1.692	286.1
9/30/2022 08:00:00 AM	296.133	31.831	60.626	167.509	0.572	286.1
9/30/2022 09:00:00 AM	628.284	34.573	52.937	351.781	0.501	286.1
9/30/2022 10:00:00 AM	776.824	36.408	45.184	352.237	1.461	286.1
9/30/2022 11:00:00 AM	799.708	37.986	41.769	22.137	0.205	286.1
9/30/2022 12:00:00 PM	739.588	39.109	39.61	269.639	0.533	286.1
9/30/2022 01:00:00 PM	926.99	36.571	47.007	6.764	0.189	286.1
9/30/2022 02:00:00 PM	227.347	36.078	45.675	338.783	0.218	286.1
9/30/2022 03:00:00 PM	580.215	35.301	45.257	128.536	0.951	286.1
9/30/2022 04:00:00 PM	335.807	34.264	47.248	103.738	0.203	286.1
9/30/2022 05:00:00 PM	101.013	33.345	51.864	285.754	0.785	286.1
9/30/2022 06:00:00 PM	-2.031	31.904	58.421	192.354	0.265	286.1
9/30/2022 07:00:00 PM	-0.406	31.388	62.135	81.244	0.689	286.1
9/30/2022 08:00:00 PM	-0.406	31.244	63.421	113.326	0.541	286.1
9/30/2022 09:00:00 PM	-0.542	30.935	64.459	174.005	0.427	286.1
9/30/2022 10:00:00 PM	0	30.669	65.363	154.87	0.201	286.1
9/30/2022 11:00:00 PM	-0.677	30.947	64.271	196.241	0.702	286.1
10/1/2022 12:00:00 AM	-1.354	30.007	66.027	239.94	0.881	286.1