

## Weather Station #9 Cairo Processed Daily Outputs 2024

Date	Max. Air Temp. Fahrenheit	Min. Air Temp. Fahrenheit	Avg. Vapor Pressure (kPa)	Max. Vapor Pressure (kPa)	Min. Vapor Pressure (kPa)	Avg. Solar Radiation (kW/m2)	Eto (in/day)	Max. Wind Speed (mph)	Min. Wind Speed (mph)	Total Rain Fall (inches)
01-Jan	34.81	22.91	0.425	0.472	0.400	0.073	0.017	13.72	5.34	0.00
02-Jan	43.50	24.97	0.496	0.585	0.422	0.114	0.035	15.67	5.87	0.00
03-Jan	50.26	23.17	0.497	0.648	0.378	0.131	0.048	10.11	4.30	0.00
04-Jan	42.13	22.91	0.505	0.565	0.396	0.084	0.026	18.15	5.99	0.00
05-Jan	33.26	29.51	0.561	0.603	0.498	0.039	0.008	14.69	6.74	0.10
06-Jan	39.94	29.33	0.532	0.617	0.395	0.109	0.034	18.94	9.21	0.07
07-Jan	43.82	21.29	0.456	0.626	0.314	0.080	0.044	25.50	10.46	0.00
08-Jan	40.76	20.90	0.644	0.758	0.347	0.012	0.011	41.30	15.92	0.51
09-Jan	26.59	16.74	0.333	0.392	0.263	0.133	0.029	40.91	20.37	0.00
10-Jan	42.91	16.93	0.369	0.504	0.268	0.133	0.051	22.25	9.59	0.01
11-Jan	47.25	11.94	0.383	0.610	0.194	0.116	0.064	39.39	12.83	0.00
12-Jan	22.91	8.19	0.199	0.261	0.158	0.139	0.031	36.43	17.36	0.00
13-Jan	11.35	-3.82	0.107	0.187	0.073	0.120	0.018	30.58	15.28	0.00
14-Jan	6.54	-4.91	0.074	0.100	0.053	0.089	0.018	15.76	6.99	0.00
15-Jan	6.06	-0.24	0.101	0.137	0.080	0.073	0.016	27.01	10.64	0.00
16-Jan	26.41	-3.76	0.105	0.160	0.068	0.148	0.042	19.16	9.23	0.00
17-Jan	43.16	12.99	0.225	0.329	0.148	0.132	0.063	25.87	10.11	0.00
18-Jan	43.70	11.33	0.315	0.424	0.170	0.130	0.048	38.39	11.03	0.00
19-Jan	17.09	5.65	0.141	0.177	0.106	0.098	0.027	31.02	11.40	0.00
20-Jan	23.08	4.02	0.165	0.197	0.132	0.143	0.031	19.91	6.61	0.00
21-Jan	35.13	15.41	0.269	0.417	0.186	0.095	0.051	32.60	17.46	0.00
22-Jan	34.59	29.21	0.551	0.666	0.369	0.031	0.008	21.26	9.70	0.00
23-Jan	36.63	30.42	0.624	0.721	0.564	0.042	0.009	12.52	4.17	0.00
24-Jan	38.99	31.20	0.637	0.702	0.585	0.053	0.013	10.68	4.26	0.01
25-Jan	42.73	33.37	0.731	0.834	0.635	0.044	0.012	14.75	3.30	0.01
26-Jan	38.39	28.84	0.683	0.771	0.528	0.039	0.009	13.81	5.01	0.01
27-Jan	49.98	28.29	0.584	0.717	0.514	0.119	0.040	19.73	9.72	0.00
28-Jan	63.23	28.11	0.569	0.746	0.421	0.157	0.079	11.90	5.05	0.00
29-Jan	65.87	35.80	0.670	0.869	0.545	0.146	0.098	17.25	7.48	0.00
30-Jan	66.74	35.19	0.740	0.903	0.605	0.159	0.090	14.89	6.69	0.00
31-Jan	68.35	36.05	0.728	0.860	0.607	0.153	0.112	19.03	7.91	0.00
01-Feb	71.19	44.01	0.852	1.027	0.741	0.142	0.130	24.75	10.99	0.00
02-Feb	65.53	32.04	1.073	1.390	0.600	0.109	0.051	27.73	8.07	0.14
03-Feb	54.99	46.47	1.152	1.425	0.960	0.049	0.022	23.22	9.61	0.08
04-Feb	47.01	39.36	0.899	0.990	0.768	0.019	0.009	22.21	9.45	0.15
05-Feb	50.99	33.80	0.691	0.779	0.611	0.144	0.050	19.09	7.09	0.00
06-Feb	56.38	30.30	0.776	0.956	0.558	0.105	0.050	21.42	9.99	0.00
07-Feb	57.11	44.61	0.813	1.027	0.714	0.071	0.077	31.74	16.64	0.02
08-Feb	65.65	40.76	0.678	0.965	0.431	0.178	0.121	27.56	11.75	0.00
09-Feb	61.96	33.86	0.612	0.771	0.323	0.173	0.102	26.66	7.45	0.00
10-Feb	40.63	29.51	0.542	0.610	0.479	0.085	0.033	20.56	10.73	0.00
11-Feb	38.51	28.42	0.496	0.544	0.448	0.102	0.035	21.42	11.14	0.00
12-Feb	52.56	25.34	0.430	0.525	0.333	0.183	0.083	16.49	6.14	0.00
13-Feb	61.96	28.96	0.450	0.621	0.341	0.183	0.113	19.73	6.80	0.00
14-Feb	67.78	33.01	0.633	0.750	0.490	0.184	0.124	31.15	10.02	0.00
15-Feb	49.44	29.08	0.531	0.697	0.438	0.169	0.061	26.22	9.66	0.00
16-Feb	36.05	25.57	0.416	0.578	0.296	0.071	0.033	28.41	14.26	0.00
17-Feb	37.96	15.64	0.247	0.353	0.199	0.167	0.058	21.59	9.40	0.00
18-Feb	55.96	21.76	0.340	0.480	0.174	0.203	0.106	18.52	7.65	0.00
19-Feb	62.17	30.65	0.482	0.574	0.402	0.191	0.113	27.14	8.10	0.00
20-Feb	70.89	33.59	0.528	0.662	0.432	0.196	0.166	29.79	8.14	0.00
21-Feb	77.09	39.36	0.628	0.741	0.408	0.145	0.116	13.83	5.45	0.00
22-Feb	64.08	41.36	0.617	0.705	0.485	0.195	0.145	27.62	12.36	0.00

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23-Feb	64.74	35.56	0.467	0.591	0.338	0.198	0.152	27.05	11.78	0.00
24-Feb	71.56	31.64	0.424	0.609	0.270	0.207	0.165	27.12	8.74	0.00
25-Feb	75.63	38.27	0.372	0.553	0.239	0.211	0.165	13.22	5.89	0.00
26-Feb	82.40	42.21	0.528	0.814	0.371	0.190	0.193	26.24	8.38	0.00
27-Feb	77.68	24.47	0.521	0.824	0.239	0.191	0.193	39.50	17.71	0.00
28-Feb	48.04	14.43	0.212	0.300	0.175	0.222	0.089	32.36	9.78	0.00
29-Feb	49.68	20.25	0.363	0.596	0.159	0.122	0.082	30.10	13.07	0.01
01-Mar	40.61	32.40	0.652	0.747	0.578	0.062	0.021	20.76	10.67	0.00
02-Mar	78.00	32.83	0.762	0.978	0.502	0.199	0.134	28.39	11.58	0.00
03-Mar	74.31	43.10	0.503	0.744	0.290	0.213	0.197	27.88	10.16	0.00
04-Mar	60.90	38.51	0.656	1.124	0.338	0.213	0.136	26.68	11.60	0.00
05-Mar	58.72	31.74	0.510	0.651	0.411	0.215	0.119	23.61	10.46	0.00
06-Mar	53.14	28.90	0.651	0.874	0.398	0.221	0.094	17.32	6.20	0.00
07-Mar	56.38	36.63	1.006	1.206	0.713	0.057	0.029	20.61	9.83	0.00
08-Mar	45.26	30.23	0.637	0.999	0.436	0.035	0.021	30.93	17.19	0.00
09-Mar	54.96	27.44	0.371	0.450	0.308	0.226	0.120	18.61	8.02	0.00
10-Mar	69.62	29.21	0.415	0.616	0.288	0.231	0.181	22.93	9.17	0.00
11-Mar	73.00	38.57	0.610	0.759	0.456	0.235	0.207	30.95	13.18	0.00
12-Mar	72.04	45.25	0.691	0.864	0.446	0.235	0.182	22.60	11.10	0.00
13-Mar	78.22	41.79	0.847	1.406	0.554	0.174	0.140	21.18	8.04	0.00
14-Mar	65.17	41.00	0.953	1.178	0.600	0.172	0.104	26.92	12.38	0.00
15-Mar	60.27	43.10	0.692	0.945	0.523	0.221	0.132	24.57	11.23	0.00
16-Mar	65.39	35.79	0.637	0.772	0.538	0.171	0.121	18.17	6.06	0.00
17-Mar	56.53	35.68	0.383	0.558	0.278	0.253	0.161	27.84	8.95	0.00
18-Mar	52.97	23.34	0.275	0.346	0.200	0.257	0.124	16.42	6.13	0.00
19-Mar	76.24	36.22	0.503	0.660	0.340	0.256	0.213	23.98	10.41	0.00
20-Mar	67.01	36.69	0.597	0.711	0.510	0.256	0.192	23.89	9.43	0.00
21-Mar	68.71	32.77	0.721	1.129	0.452	0.247	0.142	17.76	5.75	0.00
22-Mar	55.59	34.89	0.770	1.269	0.480	0.259	0.132	36.15	13.85	0.00
23-Mar	51.85	25.94	0.513	0.675	0.420	0.167	0.081	25.01	9.64	0.00
24-Mar	57.42	47.20	1.115	1.291	0.664	0.063	0.051	39.11	21.20	0.02
25-Mar	54.26	25.32	0.622	1.308	0.354	0.048	0.025	31.50	15.83	0.00
26-Mar	41.70	23.76	0.302	0.380	0.239	0.269	0.100	30.10	14.04	0.00
27-Mar	53.65	22.81	0.334	0.611	0.237	0.265	0.128	18.02	6.07	0.00
28-Mar	68.47	27.99	0.613	0.766	0.475	0.271	0.190	30.25	12.68	0.00
29-Mar	72.83	47.44	0.913	1.074	0.754	0.186	0.169	27.84	14.69	0.00
30-Mar	64.05	38.93	0.840	1.098	0.662	0.244	0.134	19.77	8.98	0.00
31-Mar	79.72	46.98	1.208	1.809	0.600	0.202	0.153	22.62	9.60	0.00
01-Apr	64.30	40.06	1.246	1.857	0.750	0.111	0.076	26.46	12.41	0.09
02-Apr	61.59	36.87	0.588	0.778	0.394	0.264	0.148	31.26	16.19	0.22
03-Apr	62.81	40.91	0.338	0.511	0.173	0.291	0.214	30.41	13.50	0.00
04-Apr	68.87	33.93	0.446	0.656	0.286	0.288	0.179	13.46	5.71	0.00
05-Apr	75.70	37.48	0.588	0.815	0.397	0.270	0.239	27.53	13.12	0.00
06-Apr	76.91	47.67	0.696	1.005	0.184	0.241	0.278	48.14	19.73	0.00
07-Apr	72.10	37.29	0.344	0.561	0.220	0.294	0.248	33.91	10.87	0.00
08-Apr	67.19	36.14	0.509	0.671	0.399	0.232	0.164	18.39	7.83	0.00
09-Apr	64.56	40.42	0.599	0.688	0.476	0.175	0.133	15.98	7.37	0.00
10-Apr	72.02	48.83	0.591	0.737	0.428	0.226	0.201	24.03	9.14	0.00
11-Apr	65.84	41.71	0.397	0.650	0.220	0.309	0.239	33.67	14.86	0.00
12-Apr	77.97	34.26	0.565	1.082	0.323	0.294	0.243	24.33	9.06	0.00
13-Apr	86.50	50.29	1.005	1.189	0.749	0.299	0.315	31.94	15.92	0.00
14-Apr	94.10	52.87	0.884	1.247	0.391	0.299	0.270	23.65	7.47	0.00
15-Apr	79.54	58.90	1.803	2.072	1.101	0.203	0.152	37.11	15.64	0.00

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16-Apr	79.17	52.40	0.972	2.102	0.452	0.291	0.289	39.15	16.94	0.01
17-Apr	86.60	46.13	0.969	1.989	0.734	0.282	0.274	30.54	11.05	0.00
18-Apr	72.47	44.58	1.034	2.074	0.438	0.182	0.131	40.14	18.08	0.00
19-Apr	60.74	38.63	0.439	0.556	0.335	0.268	0.174	18.02	8.07	0.00
20-Apr	51.98	38.21	0.452	0.572	0.377	0.079	0.089	22.76	10.68	0.00
21-Apr	61.71	36.45	0.538	0.638	0.451	0.288	0.160	15.70	6.09	0.00
22-Apr	76.49	41.05	0.775	1.003	0.532	0.300	0.257	39.33	18.05	0.00
23-Apr	76.81	52.77	0.803	1.173	0.370	0.304	0.252	32.62	12.89	0.00
24-Apr	68.47	45.52	0.609	0.848	0.459	0.153	0.171	19.03	8.75	0.00
25-Apr	82.30	61.08	1.594	2.106	0.710	0.156	0.139	28.76	14.53	0.00
26-Apr	83.10	60.90	1.313	2.123	0.699	0.304	0.265	31.35	14.25	0.00
27-Apr	77.15	57.63	1.714	2.125	0.756	0.110	0.101	31.83	15.63	0.00
28-Apr	73.82	50.71	1.075	1.673	0.747	0.253	0.171	23.08	9.07	0.00
29-Apr	78.87	41.83	0.896	1.123	0.731	0.286	0.219	22.29	7.55	0.00
30-Apr	93.60	57.87	1.116	1.843	0.504	0.317	0.318	29.38	14.52	0.00
01-May	80.10	55.53	1.502	2.076	0.714	0.126	0.137	32.64	13.85	0.00
02-May	72.43	54.20	1.405	2.071	0.907	0.242	0.158	33.01	12.50	0.00
03-May	76.18	49.01	1.429	1.804	1.038	0.248	0.154	28.17	10.47	0.29
04-May	64.31	46.89	1.183	1.546	0.972	0.221	0.114	31.26	10.67	0.62
05-May	71.24	51.55	1.358	1.691	1.107	0.226	0.129	23.94	9.56	0.00
06-May	79.70	58.72	1.656	2.250	0.353	0.141	0.108	34.99	16.73	0.01
07-May	82.50	44.25	0.579	0.812	0.272	0.328	0.303	28.50	11.29	0.00
08-May	77.18	49.30	0.625	0.980	0.318	0.338	0.291	27.86	11.23	0.00
09-May	76.61	46.91	0.727	0.945	0.548	0.320	0.251	22.97	8.68	0.00
10-May	77.11	47.56	0.899	1.100	0.740	0.319	0.226	19.69	6.82	0.00
11-May	82.50	49.20	0.908	1.260	0.658	0.277	0.222	16.62	5.98	0.00
12-May	71.19	53.06	1.391	1.807	1.088	0.152	0.105	21.15	8.12	0.41
13-May	70.89	51.55	1.349	1.655	1.131	0.207	0.131	22.62	8.08	0.00
14-May	80.30	51.50	1.174	1.433	0.744	0.324	0.224	15.74	5.66	0.00
15-May	80.90	56.50	1.468	1.672	1.118	0.256	0.206	28.06	9.72	0.29
16-May	74.81	56.26	1.560	1.937	1.302	0.212	0.129	17.30	4.83	0.09
17-May	81.50	56.14	1.417	1.849	1.044	0.335	0.244	17.87	5.74	0.00
18-May	90.30	59.99	1.644	1.848	1.167	0.327	0.270	17.89	8.33	0.00
19-May	89.40	59.92	1.883	2.302	1.352	0.271	0.263	47.48	15.01	0.50
20-May	85.10	61.02	1.956	2.435	1.516	0.227	0.178	26.72	10.95	0.01
21-May	78.12	60.72	1.585	2.254	1.002	0.346	0.260	32.25	14.36	0.00
22-May	78.08	56.08	1.023	1.338	0.494	0.332	0.238	18.30	6.59	0.00
23-May	82.40	52.29	1.793	2.608	1.193	0.244	0.178	31.24	13.46	0.00
24-May	79.35	58.72	1.022	2.400	0.554	0.354	0.299	27.86	12.30	0.00
25-May	89.20	53.12	1.349	2.174	0.865	0.321	0.283	43.91	14.02	0.00
26-May	87.10	62.87	1.565	2.412	0.735	0.311	0.256	24.20	9.95	0.00
27-May	87.60	54.14	1.124	1.469	0.867	0.298	0.239	14.97	5.15	0.00
28-May	83.70	58.60	1.281	1.621	0.945	0.219	0.206	30.62	7.76	0.00
29-May	83.70	58.23	1.503	1.689	1.211	0.311	0.253	24.40	7.52	0.00
30-May	77.90	62.32	1.949	2.281	1.561	0.179	0.122	23.22	8.66	1.36
31-May	76.63	63.65	1.855	2.029	1.604	0.199	0.128	13.37	5.44	0.00
01-Jun	86.10	61.57	1.820	2.057	1.413	0.283	0.210	18.68	5.88	0.12
02-Jun	84.40	63.53	1.656	2.293	1.132	0.217	0.212	27.56	11.50	0.00
03-Jun	83.20	60.99	1.787	2.111	1.429	0.254	0.182	34.61	7.19	0.36
04-Jun	81.00	65.05	2.191	2.600	1.945	0.126	0.083	18.06	6.28	0.00
05-Jun	88.10	59.32	1.489	1.980	0.923	0.355	0.277	15.78	5.96	0.00
06-Jun	86.30	66.50	1.564	1.928	1.239	0.336	0.296	28.04	8.63	0.00
07-Jun	92.50	62.90	1.874	2.552	1.397	0.254	0.256	30.30	10.49	0.00

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08-Jun	92.30	71.07	1.961	2.603	1.397	0.258	0.261	22.65	8.63	0.00
09-Jun	78.10	61.51	1.806	2.508	1.474	0.256	0.175	43.32	11.57	0.74
10-Jun	83.00	56.51	1.336	1.656	1.014	0.345	0.256	18.30	5.38	0.00
11-Jun	85.60	58.84	1.372	1.579	1.171	0.332	0.257	18.17	5.98	0.00
12-Jun	91.90	62.84	1.797	2.118	1.445	0.347	0.311	25.82	11.66	0.00
13-Jun	99.00	66.32	2.096	2.448	1.425	0.313	0.315	63.24	13.01	0.43
14-Jun	91.90	64.38	1.899	2.429	1.286	0.297	0.261	31.66	6.60	0.00
15-Jun	89.80	66.50	2.020	2.579	1.342	0.262	0.241	28.54	9.74	0.11
16-Jun	93.80	70.35	2.250	2.797	2.000	0.335	0.326	27.16	15.72	0.00
17-Jun	92.60	71.68	2.149	2.494	1.985	0.333	0.349	35.43	18.77	0.00
18-Jun	86.60	63.88	2.277	2.487	1.762	0.253	0.261	40.12	20.78	1.40
19-Jun	74.55	64.08	2.116	2.348	1.938	0.109	0.066	15.89	5.36	0.56
20-Jun	86.20	66.50	2.212	2.486	1.835	0.312	0.237	21.53	7.97	0.00
21-Jun	89.60	72.34	2.263	2.624	1.842	0.319	0.276	26.77	11.89	0.00
22-Jun	95.10	75.28	2.207	2.488	1.885	0.296	0.296	32.01	11.96	0.00
23-Jun	94.20	70.12	2.162	2.520	1.404	0.338	0.266	13.07	4.74	0.00
24-Jun	97.20	72.10	2.123	2.466	1.588	0.278	0.305	24.53	10.08	0.00
25-Jun	98.20	71.86	2.365	2.887	1.908	0.279	0.253	22.89	8.24	0.02
26-Jun	93.50	73.17	2.206	2.780	1.669	0.318	0.280	22.47	8.19	0.00
27-Jun	91.60	66.87	2.099	2.569	1.875	0.310	0.281	31.57	11.75	0.20
28-Jun	97.70	70.35	2.411	3.065	1.798	0.330	0.290	27.36	12.09	0.19
29-Jun	86.30	72.88	2.312	2.743	1.712	0.256	0.218	20.17	7.94	0.00
30-Jun	75.88	64.38	2.117	2.392	1.719	0.112	0.073	19.25	8.12	1.12
01-Jul	96.40	68.83	2.320	2.948	1.782	0.327	0.303	25.71	12.14	0.00
02-Jul	97.10	73.82	2.281	2.889	1.911	0.270	0.280	28.13	11.26	0.02
03-Jul	77.75	71.56	2.612	2.786	2.408	0.103	0.067	15.35	5.47	0.33
04-Jul	82.90	62.45	1.969	2.582	1.744	0.298	0.198	23.92	6.60	0.01
05-Jul	84.30	63.68	1.621	1.982	1.137	0.312	0.218	14.67	3.36	0.00
06-Jul	88.70	61.75	1.514	1.809	1.066	0.347	0.302	33.39	8.40	0.02
07-Jul	81.10	62.29	1.740	2.114	1.228	0.276	0.207	28.67	7.90	0.42
08-Jul	86.20	64.44	1.766	2.156	1.310	0.307	0.216	12.30	3.88	0.00
09-Jul	86.20	61.69	1.684	2.215	1.172	0.348	0.241	14.86	3.42	0.00
10-Jul	92.50	65.11	1.599	1.955	1.054	0.321	0.279	18.20	5.53	0.00
11-Jul	94.20	69.69	1.882	2.539	1.157	0.347	0.259	9.65	3.32	0.01
12-Jul	97.40	67.65	1.928	2.305	1.576	0.282	0.274	20.28	6.96	0.00
13-Jul	97.20	71.31	1.865	2.244	1.255	0.310	0.344	27.69	11.07	0.00
14-Jul	99.50	71.74	2.100	2.413	1.707	0.328	0.321	19.62	9.73	0.04
15-Jul	101.10	73.31	1.977	2.489	1.478	0.327	0.334	18.41	8.42	0.00
16-Jul	95.10	74.91	2.336	2.816	1.939	0.311	0.255	13.39	5.01	0.00
17-Jul	87.70	69.92	1.946	2.525	1.244	0.313	0.241	19.16	5.97	0.00
18-Jul	85.60	66.81	1.861	2.281	1.537	0.245	0.171	16.62	3.27	0.02
19-Jul	87.00	61.51	1.652	1.954	1.465	0.281	0.225	17.01	6.26	0.00
20-Jul	88.00	64.38	1.909	2.346	1.529	0.239	0.174	14.58	5.14	0.25
21-Jul	82.50	62.82	1.857	2.091	1.604	0.264	0.177	12.54	4.37	0.00
22-Jul	85.00	62.78	1.827	2.132	1.513	0.289	0.202	23.59	2.85	0.04
23-Jul	87.30	64.99	1.968	2.258	1.645	0.252	0.182	10.72	2.99	0.00
24-Jul	91.90	64.87	1.821	2.152	1.401	0.306	0.238	12.56	4.03	0.00
25-Jul	91.40	66.32	1.839	2.145	1.348	0.291	0.236	15.37	4.51	0.00
26-Jul	89.20	65.71	1.891	2.290	1.445	0.300	0.247	17.38	6.02	0.00
27-Jul	87.80	65.65	2.013	2.323	1.783	0.305	0.249	23.37	8.20	0.00
28-Jul	97.60	71.13	1.991	2.293	1.623	0.312	0.336	29.53	13.08	0.00
29-Jul	98.00	72.71	2.087	2.529	1.720	0.294	0.308	23.98	9.99	0.00
30-Jul	98.70	74.73	2.091	2.614	1.747	0.259	0.319	27.49	12.26	0.01

**Weather Station #9 Cairo Processed Daily Outputs 2024**

<b>Date</b>	<b>Max. Air Temp.</b> Fahrenheit	<b>Min. Air Temp.</b> Fahrenheit	<b>Avg. Vapor Pressure</b> (kPa)	<b>Max. Vapor Pressure</b> (kPa)	<b>Min. Vapor Pressure</b> (kPa)	<b>Avg. Solar Radiation</b> (kW/m2)	<b>Eto</b> (in/day)	<b>Max. Wind Speed</b> (mph)	<b>Min. Wind Speed</b> (mph)	<b>Total Rain Fall</b> (inches)
31-Jul	99.90	69.96	2.139	2.661	1.694	0.298	0.323	31.04	10.68	0.14
01-Aug	93.90	70.35	2.375	2.879	2.049	0.286	0.223	14.18	5.00	0.00
02-Aug	96.40	70.47	1.927	2.411	1.258	0.311	0.245	23.26	3.97	0.00
03-Aug	93.30	67.77	1.815	2.382	1.301	0.276	0.214	15.81	3.37	0.00
04-Aug	95.30	67.41	1.800	2.147	1.475	0.318	0.249	13.42	2.96	0.00
05-Aug	97.30	67.29	1.640	1.968	1.323	0.319	0.288	20.41	5.73	0.00
06-Aug	92.40	67.82	1.945	2.413	1.570	0.300	0.233	12.45	4.58	0.00
07-Aug	92.80	64.99	1.997	2.384	1.841	0.301	0.239	15.89	6.16	0.00
08-Aug	84.30	64.68	1.991	2.259	1.547	0.240	0.177	19.58	7.15	0.13
09-Aug	71.66	57.45	1.262	1.595	1.060	0.119	0.093	12.89	3.98	0.00
10-Aug	62.29	57.99	1.514	1.725	1.265	0.055	0.035	11.36	3.34	0.30
11-Aug	76.00	59.63	2.054	2.610	1.638	0.125	0.078	14.95	5.11	0.28
12-Aug	86.10	67.35	2.461	2.773	2.211	0.135	0.089	14.42	3.98	0.00
13-Aug	91.50	67.92	2.460	2.859	2.102	0.236	0.179	22.89	6.77	0.31
14-Aug	98.00	72.34	2.179	2.634	1.591	0.284	0.285	20.67	8.63	0.17
15-Aug	94.00	69.44	2.114	2.613	1.336	0.244	0.175	11.53	2.72	0.00
16-Aug	90.20	66.81	2.023	2.622	1.590	0.260	0.199	16.88	4.20	0.00
17-Aug	93.60	65.11	2.267	2.774	1.760	0.300	0.225	15.98	4.86	0.00
18-Aug	100.60	72.53	2.548	2.949	2.042	0.292	0.241	25.96	6.92	0.00
19-Aug	87.90	66.20	2.066	2.348	1.740	0.241	0.193	19.44	7.62	0.00
20-Aug	87.70	66.93	1.951	2.116	1.702	0.274	0.215	17.08	6.61	0.00
21-Aug	87.20	65.78	2.091	2.498	1.882	0.236	0.192	19.62	7.47	0.00
22-Aug	89.00	66.20	1.946	2.443	1.690	0.226	0.198	21.66	8.86	0.00
23-Aug	88.40	65.17	1.962	2.492	1.638	0.251	0.196	18.90	7.13	0.00
24-Aug	109.10	74.13	1.879	2.546	1.029	0.277	0.294	17.98	7.21	0.00
25-Aug	99.00	75.34	2.076	2.568	1.392	0.214	0.229	27.91	7.60	0.00
26-Aug	97.90	72.22	1.853	2.184	1.553	0.270	0.236	13.88	4.12	0.00
27-Aug	96.10	69.07	1.943	2.279	1.450	0.278	0.227	16.59	3.95	0.00
28-Aug	95.60	68.84	1.824	2.020	1.452	0.273	0.249	17.56	5.66	0.00
29-Aug	94.40	70.28	1.942	2.283	1.653	0.256	0.258	26.57	8.42	0.11
30-Aug	83.60	66.32	2.034	2.267	1.623	0.179	0.120	12.82	3.84	0.16
31-Aug	88.00	57.82	1.583	2.013	1.073	0.288	0.199	12.10	3.07	0.00
01-Sep	90.50	57.05	1.530	1.957	1.096	0.284	0.221	13.94	4.62	0.00
02-Sep	82.70	55.35	1.280	1.591	1.014	0.242	0.172	15.83	3.97	0.00
03-Sep	86.40	54.11	1.223	1.751	0.959	0.277	0.201	12.98	3.66	0.00
04-Sep	87.60	62.05	1.692	2.035	1.343	0.272	0.210	15.17	5.45	0.00
05-Sep	92.60	63.31	1.806	2.246	1.374	0.198	0.152	21.66	3.96	0.02
06-Sep	83.10	63.29	1.696	1.988	1.359	0.263	0.184	14.93	5.25	0.00
07-Sep	79.66	54.63	1.158	1.628	0.917	0.265	0.192	15.83	5.23	0.00
08-Sep	84.00	51.68	1.011	1.141	0.832	0.269	0.237	20.72	7.80	0.00
09-Sep	90.80	57.32	1.156	1.280	1.061	0.264	0.270	22.62	9.34	0.00
10-Sep	89.60	54.08	0.901	1.116	0.739	0.269	0.261	19.47	7.39	0.00
11-Sep	88.00	53.24	0.991	1.450	0.752	0.265	0.255	19.88	7.35	0.00
12-Sep	88.00	59.63	1.453	1.801	1.169	0.259	0.235	22.49	8.06	0.00
13-Sep	89.10	61.38	1.364	1.605	1.175	0.251	0.245	22.08	9.07	0.00
14-Sep	89.70	64.14	1.653	1.829	1.176	0.220	0.209	20.28	8.70	0.00
15-Sep	90.10	67.58	1.855	2.105	1.542	0.233	0.217	20.69	8.79	0.00
16-Sep	89.10	67.62	1.812	2.044	1.479	0.236	0.227	21.51	9.45	0.00
17-Sep	90.50	66.02	1.876	2.074	1.641	0.227	0.226	23.15	10.44	0.00
18-Sep	91.10	64.93	2.054	2.404	1.681	0.226	0.195	25.63	11.47	1.29
19-Sep	95.00	70.83	1.867	2.281	1.012	0.250	0.238	22.14	9.46	0.00
20-Sep	97.90	65.83	1.975	2.356	1.512	0.209	0.183	29.29	5.66	0.13
21-Sep	89.90	65.35	2.155	2.397	1.468	0.077	0.080	43.62	6.40	1.44

**Weather Station #9 Cairo Processed Daily Outputs 2024**

<b>Date</b>	<b>Max. Air Temp.</b> Fahrenheit	<b>Min. Air Temp.</b> Fahrenheit	<b>Avg. Vapor Pressure</b> (kPa)	<b>Max. Vapor Pressure</b> (kPa)	<b>Min. Vapor Pressure</b> (kPa)	<b>Avg. Solar Radiation</b> (kW/m2)	<b>Eto</b> (in/day)	<b>Max. Wind Speed</b> (mph)	<b>Min. Wind Speed</b> (mph)	<b>Total Rain Fall</b> (inches)
22-Sep	66.44	54.75	1.527	2.118	1.102	0.071	0.040	28.67	7.74	1.08
23-Sep	72.55	50.59	1.127	1.517	0.798	0.229	0.135	14.89	4.27	0.00
24-Sep	73.63	53.84	1.322	1.585	1.134	0.099	0.067	9.86	3.57	0.00
25-Sep	82.40	52.51	1.191	1.426	0.886	0.240	0.162	11.16	3.97	0.00
26-Sep	81.60	54.94	1.205	1.428	1.039	0.233	0.165	13.33	4.09	0.00
27-Sep	84.20	53.17	1.262	1.506	1.056	0.232	0.165	16.33	3.67	0.00
28-Sep	87.10	56.08	1.250	1.402	1.041	0.226	0.180	16.46	5.30	0.00
29-Sep	86.80	55.60	1.268	1.575	0.971	0.221	0.153	9.82	3.04	0.00
30-Sep	89.10	56.51	1.184	1.397	0.839	0.231	0.186	17.58	4.67	0.00
01-Oct	72.13	54.44	0.567	0.874	0.440	0.217	0.188	22.03	7.63	0.00
02-Oct	87.40	47.44	0.882	1.240	0.602	0.225	0.227	24.07	9.75	0.00
03-Oct	92.50	54.20	1.132	1.327	0.826	0.226	0.255	24.16	9.79	0.00
04-Oct	79.90	54.32	1.108	1.388	0.846	0.210	0.160	13.72	6.02	0.00
05-Oct	92.30	56.55	1.216	1.569	0.677	0.220	0.263	30.01	11.32	0.00
06-Oct	80.10	56.43	0.732	1.162	0.424	0.198	0.232	26.15	10.40	0.00
07-Oct	77.13	49.74	0.660	0.806	0.523	0.208	0.188	18.77	7.28	0.00
08-Oct	79.60	50.35	0.777	0.983	0.635	0.206	0.169	16.55	5.66	0.00
09-Oct	84.60	50.53	1.084	1.400	0.787	0.204	0.169	18.57	5.24	0.00
10-Oct	84.80	55.96	1.283	1.468	1.158	0.195	0.162	15.17	5.80	0.00
11-Oct	85.70	58.66	1.169	1.373	1.019	0.200	0.176	18.24	7.03	0.00
12-Oct	91.40	54.52	1.093	1.379	0.725	0.189	0.179	15.30	5.62	0.00
13-Oct	73.88	51.61	0.775	1.120	0.440	0.191	0.188	24.40	10.38	0.00
14-Oct	67.80	43.29	0.496	0.557	0.403	0.195	0.137	15.32	5.57	0.00
15-Oct	61.35	40.33	0.476	0.634	0.318	0.201	0.151	30.73	10.13	0.00
16-Oct	61.08	36.05	0.372	0.517	0.284	0.211	0.138	25.96	7.74	0.00
17-Oct	71.25	41.64	0.526	0.661	0.383	0.193	0.206	33.39	17.58	0.00
18-Oct	75.22	48.35	0.744	1.135	0.537	0.151	0.187	32.16	15.20	0.00
19-Oct	75.40	54.20	0.873	1.380	0.554	0.126	0.142	21.24	8.66	0.00
20-Oct	76.79	46.71	0.891	1.106	0.796	0.177	0.165	19.84	8.99	0.00
21-Oct	72.95	51.24	1.255	1.828	0.818	0.070	0.089	26.77	10.50	0.40
22-Oct	85.80	50.17	1.004	1.501	0.671	0.190	0.168	21.22	6.44	0.00
23-Oct	73.18	51.50	0.972	1.136	0.799	0.183	0.147	25.19	10.30	0.00
24-Oct	91.20	48.53	1.014	1.339	0.561	0.183	0.191	28.19	9.25	0.00
25-Oct	67.25	49.68	0.603	0.919	0.429	0.185	0.177	26.70	13.13	0.00
26-Oct	64.38	40.88	0.551	0.682	0.456	0.183	0.117	14.32	5.51	0.00
27-Oct	74.49	41.00	0.857	1.231	0.541	0.172	0.139	19.34	7.32	0.00
28-Oct	91.50	58.72	1.124	1.468	0.739	0.124	0.232	33.98	17.73	0.00
29-Oct	81.70	67.41	1.409	1.727	0.928	0.130	0.217	38.23	21.73	0.00
30-Oct	76.55	47.92	1.533	2.136	0.945	0.073	0.077	32.66	15.66	0.59
31-Oct	60.33	39.24	0.796	1.001	0.716	0.173	0.080	28.43	5.91	0.00
01-Nov	67.62	40.21	0.911	1.097	0.726	0.171	0.097	23.89	9.02	0.00
02-Nov	60.48	50.40	1.529	1.740	1.030	0.030	0.011	24.60	10.45	3.42
03-Nov	63.25	56.31	1.620	1.888	1.450	0.047	0.030	33.47	11.63	0.09
04-Nov	59.02	48.53	1.433	1.670	1.132	0.027	0.015	19.73	8.31	0.29
05-Nov	59.32	42.73	0.884	1.146	0.641	0.137	0.064	19.42	8.26	0.00
06-Nov	60.05	38.81	0.904	1.069	0.770	0.162	0.073	22.65	8.09	0.00
07-Nov	55.95	40.45	0.838	0.971	0.730	0.102	0.058	25.17	10.42	0.01
08-Nov	52.89	44.01	1.033	1.330	0.842	0.013	0.011	28.67	16.79	1.79
09-Nov	60.23	38.39	0.795	1.069	0.702	0.157	0.083	28.85	13.05	0.00
10-Nov	64.80	41.60	0.863	1.113	0.732	0.155	0.084	16.11	6.67	0.00
11-Nov	70.68	41.36	0.958	1.159	0.750	0.142	0.081	11.82	4.22	0.00
12-Nov	67.75	44.80	1.048	1.183	0.905	0.147	0.102	29.55	12.18	0.00
13-Nov	58.78	44.01	0.827	1.224	0.524	0.150	0.102	38.63	16.70	0.00

**Weather Station #9 Cairo Processed Daily Outputs 2024**

<b>Date</b>	<b>Max. Air Temp.</b> Fahrenheit	<b>Min. Air Temp.</b> Fahrenheit	<b>Avg. Vapor Pressure</b> (kPa)	<b>Max. Vapor Pressure</b> (kPa)	<b>Min. Vapor Pressure</b> (kPa)	<b>Avg. Solar Radiation</b> (kW/m2)	<b>Eto</b> (in/day)	<b>Max. Wind Speed</b> (mph)	<b>Min. Wind Speed</b> (mph)	<b>Total Rain Fall</b> (inches)
14-Nov	63.29	33.80	0.604	0.766	0.434	0.155	0.102	18.13	7.59	0.00
15-Nov	66.67	39.54	0.734	0.833	0.653	0.151	0.121	29.70	12.20	0.00
16-Nov	66.96	45.77	0.990	1.372	0.712	0.110	0.092	28.06	12.83	0.00
17-Nov	58.78	45.68	1.115	1.371	0.847	0.083	0.034	15.15	5.60	0.01
18-Nov	59.75	42.37	1.188	1.684	0.773	0.036	0.017	40.56	14.78	1.77
19-Nov	49.91	37.90	0.602	0.814	0.469	0.126	0.082	28.50	12.53	0.00
20-Nov	51.54	33.32	0.382	0.486	0.227	0.150	0.099	25.63	11.49	0.00
21-Nov	50.63	33.37	0.412	0.556	0.314	0.140	0.074	19.12	7.59	0.00
22-Nov	55.21	30.06	0.521	0.630	0.411	0.138	0.071	16.49	5.59	0.00
23-Nov	62.10	34.34	0.757	1.036	0.548	0.131	0.075	19.71	8.76	0.00
24-Nov	59.44	38.14	0.932	1.086	0.653	0.137	0.059	28.78	9.38	0.00
25-Nov	42.31	27.76	0.438	0.667	0.301	0.135	0.061	34.44	15.60	0.00
26-Nov	47.38	25.64	0.443	0.581	0.348	0.117	0.060	27.10	8.61	0.00
27-Nov	43.28	30.24	0.579	0.749	0.485	0.039	0.028	24.99	10.22	0.01
28-Nov	48.47	23.52	0.440	0.545	0.371	0.138	0.047	13.02	4.94	0.00
29-Nov	49.68	22.62	0.462	0.591	0.351	0.133	0.047	18.63	6.64	0.00
30-Nov	41.21	27.44	0.472	0.555	0.400	0.133	0.041	21.90	8.38	0.00
01-Dec	50.45	23.82	0.507	0.596	0.407	0.131	0.045	13.24	4.27	0.00
02-Dec	37.35	21.77	0.408	0.577	0.286	0.130	0.043	19.64	9.45	0.00
03-Dec	48.89	18.69	0.426	0.641	0.275	0.117	0.049	23.79	9.75	0.00
04-Dec	59.38	33.74	0.584	0.750	0.477	0.130	0.080	21.18	8.78	0.00
05-Dec	41.61	20.19	0.233	0.552	0.139	0.130	0.056	21.94	8.17	0.00
06-Dec	50.59	19.65	0.349	0.529	0.214	0.117	0.054	17.23	6.02	0.00
07-Dec	63.65	29.75	0.676	0.879	0.449	0.125	0.073	20.34	9.04	0.00
08-Dec	48.29	31.63	0.760	0.987	0.570	0.040	0.013	23.32	8.39	0.00
09-Dec	53.47	31.98	0.524	0.755	0.265	0.128	0.082	29.00	12.09	0.00
10-Dec	43.15	24.49	0.370	0.450	0.290	0.128	0.059	26.20	11.21	0.00
11-Dec	51.54	26.96	0.362	0.413	0.288	0.126	0.068	17.76	8.29	0.00
12-Dec	53.63	27.46	0.392	0.465	0.331	0.119	0.060	14.07	6.00	0.00
13-Dec	56.57	25.75	0.743	1.228	0.379	0.064	0.043	26.00	11.48	0.00
14-Dec	56.90	32.75	0.609	1.282	0.399	0.121	0.066	23.65	10.43	0.00
15-Dec	61.75	32.11	0.499	0.653	0.401	0.097	0.079	26.88	8.72	0.00
16-Dec	53.77	33.98	0.387	0.521	0.271	0.121	0.088	23.19	9.17	0.00
17-Dec	59.02	29.69	0.486	0.653	0.344	0.090	0.066	25.01	9.61	0.00
18-Dec	43.08	25.51	0.439	0.500	0.357	0.111	0.042	32.90	11.63	0.00
19-Dec	59.69	26.12	0.438	0.558	0.300	0.121	0.081	21.64	9.70	0.00
20-Dec	40.63	20.19	0.265	0.360	0.204	0.124	0.050	19.38	7.74	0.00
21-Dec	42.31	16.99	0.328	0.407	0.269	0.124	0.043	14.23	5.33	0.00
22-Dec	55.59	27.87	0.583	0.944	0.398	0.123	0.062	23.68	11.46	0.00
23-Dec	50.11	41.76	0.877	0.985	0.625	0.036	0.019	13.92	6.18	0.00
24-Dec	52.20	34.04	0.592	0.714	0.528	0.100	0.054	14.07	6.64	0.00
25-Dec	40.21	24.48	0.671	0.831	0.426	0.032	0.006	15.08	5.66	0.01
26-Dec	44.67	38.99	0.881	0.997	0.794	0.023	0.007	11.16	4.12	0.03
27-Dec	50.65	40.57	0.961	1.094	0.825	0.037	0.013	12.96	3.97	0.00
28-Dec	57.44	34.63	0.828	1.020	0.662	0.114	0.041	11.40	4.01	0.00
29-Dec	61.01	35.42	0.618	0.846	0.445	0.116	0.068	18.92	7.78	0.00
30-Dec	60.66	37.23	0.630	0.913	0.469	0.121	0.097	45.64	18.67	0.00
31-Dec	42.06	23.58	0.479	0.593	0.348	0.065	0.039	39.61	13.96	0.00