

Date	Temperature						Degree Days						Precipitation		Pressure	Solar Rad	Wind	Resultant							
	ORNL	ORNL	ORNL	ORNL	ORNL	ORNL	KOQT	KOQT	ORNL	KOQT	ORNL	KOQT	Dew Pt. C	Wt Bulb C	Heating	Cooling	Significant Weather	Water (in)	Snow (in)	Avg. (in)	Avg W/m <sup>2</sup>	Direction	Wind Spd	Wind Spd	Pk Speed
	Max. C	Min. C	Hr Avg. C	Max. F	Min. F	Hr Avg. F	Max. F	Min. F	Avg. F	Avg. F	DFN	DFN										deg	mph	mph	mph
01	23.6	14.2	19.9	74	58	68	75	60	66	68	28.1	30.1	17.3	17.9	0	1	F, R, TS	1.78	0.0	28.89	57.8	219.0	7.3	7.5	31.1
02	16.3	6.5	12.8	61	44	55	62	41	53	52	15.1	14.1	11.9	11.8	12	0	F, R	0.99	0.0	28.99	36.8	255.2	1.3	3.3	17.9
03	6.3	-1.6	1.3	43	29	34	42	29	36	36	-1.8	-1.8	-1.2	-0.9	29	0	R,S	0.44	0.1	29.36	72.4	20.8	2.4	3.8	16.1
04	7.9	-4.0	0.7	46	25	33	45	25	36	35	-1.7	-2.7	-1.9	-1.0	29	0		0.00	0.0	29.40	123.5	179.0	1.2	3.1	19.5
05	11.4	1.5	5.8	53	35	42	52	39	44	46	6.3	8.3	2.2	3.7	21	0		0.00	0.0	29.15	83.2	226.1	4.9	5.1	23.1
06	2.2	-4.5	-0.4	36	24	31	39	25	30	32	-7.6	-5.6	-1.0	-1.1	35	0	S	0.23	0.8	29.13	10.8	280.0	1.1	3.5	18.3
07	-1.1	-7.4	-4.8	30	19	23	30	20	25	25	-12.6	-12.6	-9.3	-8.3	40	0		0.00	0.0	29.43	123.1	269.7	2.3	4.1	16.9
08	8.5	-6.1	-0.7	47	21	31	45	21	34	33	-3.5	-4.5	-5.9	-4.2	31	0		0.00	0.0	29.55	149.0	65.2	1.3	2.6	13.5
09	8.9	-1.2	5.1	48	30	41	49	36	39	43	1.5	5.5	3.3	3.5	26	0	F, R	1.20	0.0	29.41	7.0	253.8	1.4	3.7	31.3
10	6.3	-3.1	1.3	43	26	34	44	28	35	36	-2.5	-1.5	-8.3	-7.0	30	0		0.00	0.0	29.59	157.9	299.6	0.9	3.7	15.7
11	6.6	-4.1	-0.4	44	25	31	43	25	35	34	-2.4	-3.4	-8.8	-7.3	30	0		0.00	0.0	29.63	155.5	62.8	1.2	2.3	11.1
12	11.3	-5.9	1.3	52	21	34	52	24	36	38	-1.4	0.6	-5.1	-3.3	29	0		0.00	0.0	29.42	148.4	222.1	2.4	2.7	17.4
13	12.0	-1.4	4.9	54	29	41	53	32	42	43	4.6	5.6	-0.8	1.0	23	0		0.00	0.0	29.10	117.9	230.7	3.3	3.6	17.2
14	11.2	-2.6	3.3	52	27	38	52	30	40	41	2.6	3.6	-0.7	1.3	25	0		0.00	0.0	29.14	132.7	92.7	0.4	2.2	11.3
15	6.3	2.3	4.1	43	36	39	43	36	40	40	2.6	2.6	-0.4	1.0	25	0		0.00	0.0	29.21	50.4	54.3	4.4	4.5	14.8
16	4.2	-0.5	1.9	40	31	35	40	31	36	36	-1.5	-1.5	1.4	1.2	29	0	F, R, S	1.14	2.2	28.82	16.2	45.8	3.0	3.9	26.7
17	-0.1	-2.8	-1.0	32	27	30	32	27	30	30	-7.5	-7.5	-2.4	-2.2	35	0	S	Trace	Trace	29.02	10.1	244.2	3.3	3.4	29.6
18	6.1	-1.6	0.9	43	29	34	43	29	36	36	-1.5	-1.5	-1.1	-0.2	29	0		0.00	0.0	29.30	130.7	222.2	0.9	1.7	9.1
19	6.1	-1.5	2.5	43	29	36	44	30	36	37	-1.5	-0.5	2.2	2.4	29	0	R	0.23	0.0	29.25	20.0	51.0	0.1	1.4	7.6
20	5.7	-3.2	1.4	42	26	34	43	25	34	34	-3.6	-3.6	-0.5	-0.3	31	0	F, R, S	0.21	Trace	29.35	33.3	42.9	3.3	3.4	15.6
21	-0.7	-3.6	-2.4	31	26	28	30	25	29	28	-8.6	-9.6	-6.9	-5.6	36	0		0.00	0.0	29.49	53.2	45.9	4.3	4.4	17.6
22	3.4	-6.6	-2.4	38	20	28	39	21	29	30	-8.7	-7.7	-7.1	-5.5	36	0		0.00	0.0	29.46	156.5	223.3	0.6	2.6	11.8
23	8.7	-7.3	0.4	48	19	33	47	21	34	34	-3.8	-3.8	-5.7	-3.6	31	0		0.00	0.0	29.19	182.4	226.7	4.7	4.8	21.1
24	12.5	-4.0	2.9	55	25	37	54	27	40	41	2.1	3.1	-2.1	-0.3	25	0		0.00	0.0	29.05	120.9	227.2	2.6	3.0	20.5
25	12.4	-2.2	3.9	54	28	39	52	28	41	40	1.1	2.1	-1.2	0.9	24	0		0.00	0.0	29.18	156.6	264.7	1.0	2.9	19.0
26	4.5	-5.7	-1.4	40	22	29	40	24	31	32	-7.0	-6.0	-10.1	-8.1	34	0		0.00	0.0	29.48	173.2	44.5	3.0	3.3	18.7
27	9.9	-7.7	0.4	50	18	33	49	19	34	34	-4.1	-4.1	-7.5	-5.5	31	0		0.00	0.0	29.42	163.7	195.2	0.7	1.7	13.5
28	5.3	-1.3	0.9	42	30	34	42	30	36	36	-2.3	-2.3	-4.1	-2.6	29	0	S	Trace	0.3	29.23	62.9	262.9	3.3	3.6	20.6
29	-0.3	-7.7	-4.3	31	18	24	32	18	25	25	-13.4	-13.4	-12.9	-10.6	40	0	S	Trace	Trace	29.32	185.7	271.0	2.7	3.9	22.2
30	10.7	-9.2	-0.8	51	15	31	51	21	33	36	-5.5	-2.5	-8.6	-6.2	32	0		0.00	0.0	29.17	178.5	226.8	3.2	3.5	21.6
31	11.5	-4.8	2.0	53	23	36	53	24	38	39	-0.7	0.3	-6.6	-3.6	27	0		0.00	0.0	29.28	177.1	230.7	1.7	2.4	16.1
Avg/Sum	7.7	-2.8	1.9	45.8	26.9	35.4	45.7	28.1	36.5	37.1	-1.3	-0.7	-2.6	-1.4	883.0	1.0	F, R, S, TS	6.22	3.4	29.27	104.8		2.4	3.4	18.3
Max	23.6	14.2	19.9	74.5	57.6	67.9	75.0	60.0	66.0	68.0	28.1	30.1	17.3	17.9	40.0	1.0		1.78	2.2	29.63	185.7		7.3	7.5	31.3
Min	-1.1	-9.2	-4.8	30.0	15.4	23.4	30.0	18.0	25.0	25.0	-13.4	-13.4	-12.9	-10.6	0.0	0.0		0.00	0.0	28.82	7.0		0.1	1.4	7.6