

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													
01	14.9	5.6	11.3	59	42	52	59	46	51	53	13.1	15.1	9.5	10.5	14	0	R	0.02	0.0	29.27	72.5	253.6	1.5	4.5	8.9
02	9.0	6.2	8.0	48	43	46	50	46	46	48	8.1	10.1	7.1	7.4	19	0	R	0.12	0.0	29.31	20.2	238.8	1.3	4.5	7.4
03	10.0	7.1	8.4	50	45	47	51	46	48	49	10.2	11.2	7.5	7.8	17	0	R	0.49	0.0	29.20	27.4	335.9	0.3	3.9	7.8
04	14.4	6.8	9.4	58	44	49	61	45	51	53	13.3	15.3	8.1	8.5	14	0	R, TS	0.73	0.0	28.91	60.6	190.1	0.3	11.6	6.1
05	14.1	2.3	7.3	57	36	45	58	40	47	49	9.3	11.3	2.9	4.7	18	0	R	0.04	0.0	29.13	141.9	241.0	4.6	10.1	3.3
06	16.5	-0.6	6.6	62	31	44	62	32	47	47	9.4	9.4	2.5	4.9	18	0	R	Trace	0.0	29.34	137.1	156.8	0.6	3.2	8.0
07	20.0	5.1	12.4	68	41	54	69	44	55	57	17.4	19.4	4.8	7.6	10	0	R	Trace	0.0	29.28	122.1	221.8	4.4	11.1	11.7
08	19.8	8.2	14.6	68	47	58	68	48	57	58	19.5	20.5	6.4	9.4	8	0	R	Trace	0.0	29.20	95.8	232.2	6.9	16.7	9.5
09	8.1	-0.7	4.5	47	31	40	48	31	39	40	1.5	2.5	-6.1	-2.8	26	0		0.00	0.0	29.32	152.5	267.1	5.5	14.4	7.8
10	3.7	-4.2	-1.1	39	24	30	39	28	32	34	-5.5	-3.5	-8.1	-6.1	33	0		0.00	0.0	29.41	141.5	51.0	2.0	7.0	6.3
11	7.2	-4.2	1.4	45	24	35	47	25	35	36	-2.4	-1.4	-7.8	-5.1	30	0		0.00	0.0	29.44	137.3	59.3	2.9	7.6	7.6
12	8.1	3.4	5.2	47	38	41	47	39	43	43	5.6	5.6	-0.5	0.9	22	0	R	0.32	0.0	29.36	33.9	48.6	2.2	5.6	7.4
13	6.7	4.6	5.4	44	40	42	45	41	42	43	4.6	5.6	4.7	5.0	23	0	R	0.15	0.0	29.25	15.9	243.8	2.5	6.3	12.5
14	4.6	1.8	3.3	40	35	38	42	36	38	39	0.6	1.6	0.6	1.6	27	0		0.00	0.0	29.40	26.0	263.6	3.4	7.5	16.6
15	2.8	1.1	1.8	37	34	35	38	33	36	36	-1.4	-1.4	-1.9	-0.7	29	0		0.00	0.0	29.42	42.2	274.2	1.8	5.1	27.1
16	4.6	0.3	2.3	40	33	36	41	32	37	37	-0.5	-0.5	-0.9	0.3	28	0		0.00	0.0	29.43	45.5	242.1	1.4	5.4	26.3
17	5.9	0.6	3.6	43	33	38	43	36	38	39	0.5	1.5	2.6	3.1	27	0		0.38	0.0	29.31	14.2	239.0	1.0	5.7	19.7
18	10.5	5.9	7.6	51	43	46	51	43	47	47	9.5	9.5	6.4	7.0	18	0	R	0.01	0.0	29.24	50.9	283.4	0.3	4.3	16.3
19	12.6	4.6	8.1	55	40	47	54	41	48	47	10.5	9.5	7.5	8.0	17	0	R	2.31	0.0	28.87	10.0	10.5	0.2	8.0	16.7
20	7.6	-5.9	-1.2	46	21	30	47	21	34	34	-3.6	-3.6	-7.5	-5.5	31	0	S	Trace	Trace	29.16	103.9	279.2	5.0	14.5	7.0
21	-1.3	-10.0	-5.7	30	14	22	30	14	22	22	-15.6	-15.6	-15.6	-12.9	43	0		0.00	0.0	29.58	151.6	49.5	4.6	12.1	5.3
22	10.6	-8.1	1.6	51	17	35	49	19	34	34	-3.7	-3.7	-8.1	-5.1	31	0		0.00	0.0	29.56	158.7	179.9	1.4	8.3	5.3
23	13.3	2.7	7.9	56	37	46	53	38	47	46	9.2	8.2	4.8	5.9	18	0	R	1.41	0.0	29.13	30.0	248.9	1.7	6.0	7.2
24	10.0	-3.2	1.1	50	26	34	51	30	38	41	0.1	3.1	-1.2	-0.4	27	0	R, S	0.10	Trace	29.07	57.2	260.3	4.5	10.9	3.0
25	4.0	-4.5	-0.3	39	24	31	40	28	32	34	-5.9	-3.9	-7.4	-5.5	33	0		0.00	0.0	29.38	173.8	250.4	2.9	7.9	4.4
26	7.5	-5.3	0.6	46	22	33	47	26	34	37	-4.0	-1.0	-5.3	-3.5	31	0		0.00	0.0	29.36	158.0	224.1	3.4	7.4	14.0
27	9.5	-4.6	2.1	49	24	36	50	27	37	39	-1.1	0.9	-2.0	-0.2	28	0		0.00	0.0	29.22	122.3	223.7	0.5	4.2	29.5
28	13.3	-3.2	5.6	56	26	42	56	27	41	42	2.7	3.7	-0.5	2.1	24	0	R	Trace	0.0	29.07	144.7	215.7	3.5	9.3	24.9
29	9.8	-8.1	-0.4	50	17	31	51	22	34	37	-4.4	-1.4	-7.0	-5.0	31	0	R, S	0.02	0.5	29.17	151.1	259.7	6.0	14.1	21.0
30	-0.6	-9.3	-5.1	31	15	23	31	19	23	25	-15.5	-13.5	-15.0	-12.3	42	0	S	Trace	Trace	29.35	153.3	249.2	4.5	10.6	21.4
31	4.9	-6.6	-2.6	41	20	27	40	20	31	30	-7.7	-8.7	-13.3	-9.8	34	0		0.00	0.0	29.50	145.9	208.9	0.9	4.8	26.2
Avg/Sum	9.1	-0.4	4.0	48.4	31.3	39.2	49.0	33.0	40.1	41.2	2.4	3.4	-1.1	0.6	771.0	0.0	R, S, TS	6.10	0.5	29.28	93.5		2.6	8.1	12.8
Max	20.0	8.2	14.6	68.0	46.8	58.4	69.0	48.0	57.0	58.0	19.5	20.5	9.5	10.5	43.0	0.0		2.31	0.5	29.58	173.8		6.9	16.7	29.5
Min	-1.3	-10.0	-5.7	29.7	14.0	21.7	30.0	14.0	22.0	22.0	-15.6	-15.6	-15.6	-12.9	8.0	0.0		0.00	0.0	28.87	10.0		0.2	3.2	3.0