

Date	Temperature												Degree Days				Precipitation	Pressure	Solar Rad	Wind							
	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	Speed	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
01	17.9	1.3	9.1	64	34	48	64	37	49	51	5	7	5.2	6.5	16	0	R	0.33	0	29.03	85.1	233.4	4.6	30.7			
02	5.6	-1.4	1.5	42	29	35	46	30	36	38	-9	-7	-3.9	-2.1	29	0		0.00	0	29.23	153.9	271.0	4.8	24.3			
03	4.9	-1.6	1.9	41	29	35	41	30	35	36	-10	-9	-1.5	-0.4	30	0	R, S	0.07	Trace	29.15	52.8	48.1	2.5	12.4			
04	9.9	0.5	5.2	50	33	41	50	34	42	42	0	-3	1.6	2.8	23	0	R	0.01	0	29.19	102.2	20.2	2.0	9.4			
05	14.0	-1.8	5.7	57	29	42	58	29	43	44	-3	-2	0.9	2.5	22	0	R	0.05	0	29.23	177.4	210.0	3.2	23.4			
06	15.8	-0.3	6.6	60	31	44	62	33	46	48	0	2	-0.4	1.9	19	0		0.00	0	29.33	243.7	82.7	2.4	15.8			
07	19.7	-0.8	9.4	67	31	49	69	34	49	52	3	6	0.8	3.7	16	0		0.00	0	29.30	167.1	221.0	3.8	26.1			
08	22.5	3.8	13.0	73	39	55	74	42	56	58	9	11	5.4	7.9	9	0		0.00	0	29.28	202.9	210.6	2.8	32.5			
09	25.2	8.2	17.1	77	47	63	78	47	62	63	15	16	8.5	11.4	3	0		0.00	0	29.21	201.9	199.7	4.6	31.6			
10	26.4	17.0	21.2	80	63	70	81	52	72	72	25	25	11.4	14.6	0	7	R	0.03	0	29.17	186.4	208.7	7.3	33.2			
11	22.5	14.9	18.9	73	59	66	73	60	66	67	19	20	15.1	16.4	0	1		0.00	0	29.24	85.5	220.8	3.1	28.4			
12	26.6	13.8	19.0	80	57	66	80	58	69	69	21	21	13.4	15.3	0	4		0.00	0	29.17	120.6	209.7	3.5	25.2			
13	22.5	13.6	17.5	73	56	64	72	57	65	65	17	17	14.5	15.5	0	0	R	0.52	0	28.94	103.8	206.7	3.7	25.9			
14	18.8	9.6	13.9	66	49	57	65	50	58	58	10	10	12.4	12.9	7	0	R	0.16	0	28.89	67.2	225.2	2.7	22.4			
15	27.2	6.8	16.5	81	44	62	82	47	63	65	14	16	9.3	11.7	2	0		0.00	0	28.93	250.5	194.0	2.9	27.0			
16	24.2	9.1	18.9	76	48	66	77	50	62	64	13	15	2.8	8.2	3	0		0.00	0	28.97	262.4	244.0	5.4	24.3			
17	21.5	3.3	12.8	71	38	55	71	41	55	56	6	7	-1.4	3.3	10	0		0.00	0	29.07	233.3	270.0	2.8	19.7			
18	21.1	3.0	13.1	70	37	56	71	39	54	55	5	6	-1.3	3.5	11	0		0.00	0	29.06	267.4	83.4	3.1	20.6			
19	19.0	8.6	13.7	66	47	57	68	46	57	57	7	7	1.3	5.4	8	0	R	0.01	0	28.99	188.4	324.7	4.5	24.0			
20	10.3	1.2	5.9	51	34	43	53	38	43	46	-7	-4	0.2	2.1	22	0	R	0.01	0	29.11	108.7	266.9	3.9	23.1			
21	12.1	-1.2	4.7	54	30	40	55	31	42	43	-8	-7	-3.1	-0.5	23	0		0.00	0	29.30	255.4	269.3	4.0	20.2			
22	19.1	-2.1	9.0	66	28	48	67	30	47	49	-4	-2	-3.1	1.0	18	0		0.00	0	29.28	277.1	210.5	5.6	34.6			
23	20.3	11.0	15.0	69	52	59	70	50	61	60	10	9	3.5	7.4	4	0		0.00	0	29.19	230.1	220.5	8.1	29.8			
24	22.6	13.2	16.2	73	56	61	74	58	65	66	14	15	10.2	12.2	0	0	R	0.71	0	28.99	74.1	211.1	4.6	30.7			
25	16.4	6.7	12.2	62	44	54	61	44	53	53	2	2	6.8	8.6	12	0	R	0.39	0	29.01	211.5	236.9	4.1	19.2			
26	22.4	1.9	12.4	72	35	54	74	39	54	57	2	5	6.6	8.5	11	0		0.00	0	29.17	223.0	134.2	2.8	20.6			
27	19.7	12.8	16.4	67	55	62	68	56	61	62	9	10	13.3	14.4	4	0		0.00	0	29.14	57.8	214.7	2.8	17.6			
28	17.4	6.5	13.5	63	44	56	66	45	54	56	2	4	5.4	8.1	11	0	R	0.16	0	29.12	284.4	258.9	5.8	19.0			
29	17.7	1.8	9.7	64	35	49	66	38	50	52	-2	0	0.1	3.3	15	0		0.00	0	29.25	292.1	70.5	3.9	22.0			
30	24.0	3.1	13.8	75	38	57	76	40	57	58	4	5	1.6	5.7	8	0		0.00	0	29.20	248.9	198.5	4.5	31.6			
31	19.9	11.4	16.6	68	53	62	69	55	61	62	8	9	12.0	13.5	4	0	R, TSTM	0.55	0	28.94	66.4	206.0	5.1	33.4			
Avg/Sum	18.9	5.6	12.3	66.1	42.1	54.1	67.1	43.2	54.4	55.6	5.7	6.8	4.8	7.3	340.0	12.0	R, S, TSTM	3.00	0.0	29.13	176.8		4.0	24.5			
Max	27.2	17.0	21.2	81.0	62.6	70.2	82.0	60.0	72.0	72.0	25.0	25.0	15.1	16.4	30.0	7.0		0.71	0.0	29.33	292.1		8.1	34.6			
Min	4.9	-2.1	1.5	40.8	28.2	34.7	41.0	29.0	35.0	36.0	-10.0	-9.0	-3.9	-2.1	0.0	0.0		0.00	0.0	28.89	52.8		2.0	9.4			