

ORNL - Local Climate Data -

AUGUST 2017

Date	Temperature							Degree Days							Precipitation		Pressure	Solar Rad	Wind Direction	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>	deg
	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	28.0	15.9	21.7	82	61	71	83	63	72	73	-6.5	-5.5	17.5	19.3	0	7		0.00	0.0	29.18	179.8	248.4	0.8	1.5	7.3
02	30.3	18.5	23.3	87	65	74	88	67	76	78	-2.5	-0.5	18.5	20.4	0	11		0.00	0.0	29.17	249.0	225.2	0.8	1.9	12.5
03	30.9	16.9	23.4	88	62	74	89	65	75	77	-3.5	-1.5	16.9	19.3	0	10		0.00	0.0	29.17	314.8	219.1	1.0	2.1	14.0
04	28.6	18.8	22.3	83	66	72	84	68	75	76	-3.5	-2.5	18.9	20.3	0	10	R, TSTM	1.92	0.0	29.11	209.3	228.8	1.9	3.3	24.9
05	26.4	14.3	20.1	80	58	68	82	58	69	70	-9.4	-8.4	14.4	16.3	0	4		0.00	0.0	29.16	353.1	50.5	1.8	2.7	14.5
06	30.1	13.4	20.9	86	56	70	88	58	71	73	-7.4	-5.4	16.6	18.4	0	6	R, TSTM	0.36	0.0	29.12	291.3	59.7	0.5	2.4	34.1
07	26.7	21.3	22.9	80	70	73	82	71	76	76	-2.4	-2.4	21.4	22.1	0	11	R, TSTM	2.15	0.0	29.04	113.1	224.6	3.3	3.6	16.6
08	27.7	19.0	22.9	82	66	73	84	67	74	76	-4.3	-2.3	18.2	19.7	0	9		0.00	0.0	29.12	299.3	52.1	2.7	3.3	16.7
09	29.3	18.0	22.7	85	64	73	86	66	75	76	-3.3	-2.3	17.4	19.1	0	10	R	0.05	0.0	29.20	286.3	84.9	1.4	3.3	13.2
10	27.5	19.9	22.8	82	68	73	82	71	75	76	-3.3	-2.3	20.1	21.4	0	10	R	0.27	0.0	29.21	148.9	200.0	1.2	2.3	13.3
11	28.7	21.2	23.9	84	70	75	85	71	77	78	-1.2	-0.2	20.9	22.8	0	12	R	0.51	0.0	29.13	201.0	246.6	1.7	2.5	18.3
12	28.6	21.3	24.4	83	70	76	84	71	77	78	-1.2	-0.2	21.0	22.6	0	12	R	2.41	0.0	29.04	226.9	75.9	0.6	2.2	24.0
13	29.3	20.2	24.6	85	68	76	87	70	77	78	-1.1	-0.1	20.4	22.4	0	12		0.00	0.0	29.05	227.8	32.5	0.6	2.1	12.9
14	29.6	22.0	25.0	85	72	77	86	72	79	79	1.0	1.0	21.1	22.9	0	14	R, TSTM	0.07	0.0	29.01	200.6	227.6	1.0	2.4	14.7
15	31.2	22.1	25.4	88	72	78	89	74	80	82	2.0	4.0	20.8	22.7	0	15		0.00	0.0	29.02	234.8	249.6	2.3	2.7	15.1
16	30.6	20.5	24.8	87	69	77	88	71	78	80	0.1	2.1	20.7	22.6	0	13	R	Trace	0.0	29.12	227.2	237.4	2.2	2.6	12.7
17	31.7	21.2	25.7	89	70	78	91	74	80	82	2.2	4.2	21.2	23.4	0	15	TSTM	0.00	0.0	29.09	255.8	224.8	2.9	3.3	23.5
18	31.5	19.5	25.0	89	67	77	90	69	78	80	0.3	2.3	20.0	22.2	0	13	R	0.04	0.0	29.04	243.5	248.3	3.0	3.2	16.7
19	30.8	17.0	23.5	87	63	74	89	64	75	76	-3.6	-2.6	17.5	20.1	0	10		0.00	0.0	29.08	319.0	194.2	0.7	2.0	10.9
20	32.4	19.1	24.7	90	66	76	92	68	78	80	0.5	2.5	18.3	21.2	0	13		0.00	0.0	29.17	321.3	67.4	0.6	1.9	10.1
21	32.2	19.5	24.9	90	67	77	92	69	79	80	1.6	2.6	19.4	22.1	0	14		0.00	0.0	29.24	263.3	184.9	0.1	1.8	10.2
22	33.3	20.0	25.7	92	68	78	93	70	80	82	2.7	4.7	19.5	22.2	0	15		0.00	0.0	29.13	304.1	221.9	2.7	3.1	18.7
23	30.4	18.9	25.0	87	66	77	88	70	77	79	-0.1	1.9	17.4	20.2	0	12		0.00	0.0	29.03	297.7	273.2	2.8	3.2	14.3
24	27.9	15.3	21.6	82	60	71	84	62	71	73	-6.0	-4.0	12.6	15.9	0	6		0.00	0.0	29.07	329.6	41.2	3.1	3.4	21.4
25	26.9	15.7	20.9	80	60	70	81	62	70	72	-6.8	-4.8	13.1	16.1	0	5		0.00	0.0	29.18	269.0	59.1	3.9	4.0	18.5
26	29.0	16.9	21.8	84	62	71	85	63	74	74	-2.6	-2.6	14.5	17.3	0	9		0.00	0.0	29.21	271.6	53.2	2.1	3.0	12.3
27	30.5	16.1	22.4	87	61	72	89	63	74	76	-2.5	-0.5	16.3	18.9	0	9		0.00	0.0	29.15	269.8	323.1	0.4	2.0	10.2
28	24.9	18.7	21.5	77	66	71	79	67	73	73	-3.3	-3.3	16.8	19.0	0	8		0.00	0.0	29.12	139.0	19.7	1.5	2.5	10.7
29	28.7	15.4	21.6	84	60	71	85	63	73	74	-3.1	-2.1	15.2	18.0	0	8		0.00	0.0	29.08	287.4	74.1	1.6	2.6	15.6
30	29.0	16.3	21.2	84	61	70	86	63	73	74	-2.9	-1.9	17.4	19.5	0	8	R	0.04	0.0	29.12	198.4	223.1	1.5	2.4	11.7
31	23.2	19.7	21.3	74	67	70	75	69	71	72	-4.6	-3.6	19.4	20.6	0	6	R	0.19	0.0	29.09	75.9	60.7	2.1	2.7	11.6
Avg/Sum	29.2	18.5	23.2	84.6	65.2	73.7	86.0	67.1	75.2	76.5	-2.4	-1.1	18.2	20.3	0.0	317.0	R, TSTM	8.01	Trace	29.12	245.4		1.7	2.6	15.5
Max	33.3	22.1	25.7	91.9	71.8	78.3	93.0	74.0	80.0	82.0	2.7	4.7	21.4	23.4	0.0	15.0		2.41	Trace	29.24	353.1		3.9	4.0	34.1
Min	23.2	13.4	20.1	73.8	56.1	68.1	75.0	58.0	69.0	70.0	-9.4	-8.4	12.6	15.9	0.0	4.0		0.00	0.0	29.01	75.9		0.1	1.5	7.3