

ORNL - Local Climate Data -

AUGUST 2022

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>	deg	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	25.7	22.0	23.4	78	72	74	80	73	75	77	-3.5	-1.5	21.5	22.1	0	10		0.00	0.0	29.24	107.6	218.5	4.7	4.8	18.3
02	31.3	22.0	25.3	88	72	77	91	73	80	82	1.5	3.5	21.4	22.7	0	15		0.00	0.0	29.18	272.9	227.4	2.9	3.4	14.5
03	33.2	20.3	25.4	92	69	78	93	70	81	82	2.5	3.5	21.6	22.9	0	16	R, TS	0.09	0.0	29.16	292.1	192.4	0.4	2.7	29.8
04	31.2	18.7	24.4	88	66	76	90	68	77	79	-1.5	0.5	20.6	21.8	0	12	R, TS	0.01	0.0	29.22	305.3	225.7	1.1	3.1	19.3
05	30.9	20.4	23.7	88	69	75	87	70	79	79	0.5	0.5	21.5	22.2	0	14	R, TS	0.09	0.0	29.27	182.9	73.4	0.4	2.6	20.1
06	31.5	20.2	23.8	89	68	75	89	70	79	80	0.6	1.6	20.9	21.8	0	14	R, TS	0.06	0.0	29.33	264.2	76.8	0.9	2.9	19.4
07	31.6	19.9	24.2	89	68	76	90	69	79	80	0.6	1.6	21.0	22.1	0	14		0.00	0.0	29.32	251.3	252.3	0.8	2.4	10.0
08	31.8	20.4	25.5	89	69	78	91	71	79	81	0.6	2.6	21.5	22.8	0	14	TS	0.00	0.0	29.24	282.8	227.1	2.2	2.7	20.4
09	32.7	20.2	24.2	91	68	76	91	73	80	82	1.7	3.7	21.4	22.3	0	15	R, TS	0.18	0.0	29.22	243.8	232.9	2.4	2.9	17.7
10	28.2	19.8	22.0	83	68	72	84	71	76	78	-2.3	-0.3	21.0	21.3	0	11	R, TS	2.70	0.0	29.27	108.7	232.1	2.2	2.4	31.5
11	28.7	19.7	22.9	84	67	73	83	71	76	77	-2.3	-1.3	21.3	21.8	0	11	R, TS	0.33	0.0	29.20	170.1	230.4	1.8	2.6	13.6
12	28.4	18.5	22.8	83	65	73	84	66	74	75	-4.2	-3.2	18.6	20.0	0	9	R, TS	Trace	0.0	29.18	299.3	47.1	2.3	3.2	21.0
13	29.2	16.4	22.2	85	62	72	87	63	74	75	-4.2	-3.2	16.9	18.7	0	9		0.00	0.0	29.20	297.3	89.7	0.7	3.3	13.1
14	29.9	17.1	23.3	86	63	74	88	68	75	78	-3.1	-0.1	19.1	20.5	0	10		0.00	0.0	29.13	271.4	228.7	3.2	3.6	17.2
15	30.1	20.3	24.5	86	69	76	89	72	78	81	0.0	3.0	19.7	21.3	0	13		0.00	0.0	29.02	257.1	263.0	2.2	2.8	13.7
16	25.8	17.9	21.8	78	64	71	81	68	71	75	-7.0	-3.0	18.3	19.5	0	6		0.00	0.0	29.07	150.4	278.6	0.8	2.0	10.0
17	29.0	15.7	21.7	84	60	71	85	63	72	74	-5.9	-3.9	17.4	18.8	0	7		0.00	0.0	29.10	279.9	309.5	0.1	2.0	9.7
18	29.3	15.6	21.8	85	60	71	88	64	73	76	-4.8	-1.8	16.9	18.6	0	8		0.00	0.0	29.10	296.7	24.9	1.0	2.2	10.5
19	30.2	16.3	22.2	86	61	72	87	64	74	76	-3.7	-1.7	18.5	19.8	0	9	R	0.17	0.0	29.14	241.7	348.2	0.2	2.1	24.3
20	28.3	18.7	22.6	83	66	73	85	69	75	77	-2.6	-0.6	20.6	21.3	0	10	R	0.06	0.0	29.22	165.2	255.4	1.5	2.2	12.1
21	28.0	19.7	22.3	82	67	72	83	71	75	77	-2.5	-0.5	20.7	21.2	0	10	R, TS	0.34	0.0	29.17	117.0	229.7	2.5	3.0	25.4
22	29.2	18.7	23.1	85	66	74	88	68	76	78	-1.4	0.6	19.8	20.9	0	11		0.00	0.0	29.11	244.9	239.6	2.4	2.8	12.9
23	30.2	16.2	22.5	86	61	72	89	64	74	77	-3.3	-0.3	18.1	19.6	0	9		0.00	0.0	29.10	301.9	269.5	0.4	1.8	9.6
24	30.3	16.0	22.5	87	61	73	87	64	74	76	-3.1	-1.1	17.9	19.4	0	9		0.00	0.0	29.15	281.8	54.5	1.0	2.0	11.1
25	31.6	18.3	24.1	89	65	75	90	67	77	79	0.0	2.0	19.6	21.1	0	12		0.00	0.0	29.17	289.5	219.9	0.8	2.1	12.2
26	29.8	20.0	23.0	86	68	73	85	70	77	78	0.2	1.2	20.0	21.0	0	12		0.00	0.0	29.16	149.5	245.9	1.4	2.4	19.0
27	32.0	18.8	24.6	90	66	76	91	69	78	80	1.4	3.4	20.1	21.6	0	13	TS	0.00	0.0	29.13	296.7	56.1	1.9	2.7	13.3
28	33.0	19.8	24.3	91	68	76	93	69	80	81	3.5	4.5	20.9	22.0	0	15		0.05	0.0	29.14	253.0	71.2	0.8	2.5	23.9
29	33.0	19.1	25.1	91	66	77	92	69	79	81	2.7	4.7	20.9	22.3	0	14	F	0.00	0.0	29.17	260.7	245.9	0.9	2.0	12.5
30	30.4	20.6	24.5	87	69	76	89	72	78	81	1.9	4.9	20.8	22.0	0	13		0.00	0.0	29.11	175.2	242.2	2.7	3.1	14.4
31	30.4	16.1	22.5	87	61	73	89	64	74	77	1.9	4.9	17.0	18.9	0	9		0.00	0.0	29.15	302.6	302.9	0.8	1.8	9.9
Avg/Sum	30.2	18.8	23.4	86.3	65.9	74.2	87.7	68.5	76.4	78.4	-1.2	0.8	19.8	21.0	0.0	354.0	F, R, TS	4.08	0.0	29.17	239.1		1.5	2.6	16.5
Max	33.2	22.0	25.5	91.8	71.6	77.9	93.0	73.0	81.0	82.0	3.5	4.9	21.6	22.9	0.0	16.0		2.70	0.0	29.33	305.3		4.7	4.8	31.5
Min	25.7	15.6	21.7	78.3	60.1	71.1	80.0	63.0	71.0	74.0	-7.0	-3.9	16.9	18.6	0.0	6.0		0.00	0.0	29.02	107.6		0.1	1.8	9.6