

ORNL - Local Climate Data -

MAY 2021

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 ²	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											mph	mph	mph
01	23.8	6.7	15.2	75	44	59	77	47	60	62	-2.4	-0.4	1.3	4.9	5	0		0.00	0.0	29.24	353.9	69.9	1.9	2.9	15.6
02	22.5	6.4	14.9	73	44	59	76	46	59	61	-3.7	-1.7	9.4	11.5	6	0	R	Trace	0.0	29.09	163.3	355.3	0.5	2.0	8.8
03	25.0	15.8	19.9	77	60	68	80	62	69	71	6.1	8.1	18.3	18.8	0	4	R, TS	1.51	0.0	28.93	157.5	223.0	3.2	3.9	37.4
04	19.6	16.4	18.0	67	62	64	71	62	65	67	1.8	3.8	17.3	17.3	0	0	R, TS	1.64	0.0	29.01	50.0	226.1	1.8	3.4	41.4
05	20.2	8.4	16.5	68	47	62	71	49	58	60	-5.4	-3.4	13.1	14.3	7	0	R	0.05	0.0	29.11	172.0	254.8	4.1	4.6	21.9
06	20.8	5.0	12.7	69	41	55	72	43	55	58	-8.7	-5.7	5.1	7.1	10	0		0.00	0.0	29.22	345.7	297.8	1.0	3.0	22.9
07	19.0	7.4	13.1	66	45	56	68	50	56	59	-7.9	-4.9	3.9	6.7	9	0		0.00	0.0	29.20	308.2	268.0	4.2	4.8	24.1
08	19.5	5.7	12.5	67	42	54	69	47	55	58	-8.2	-5.2	7.2	9.0	10	0		0.00	0.0	29.21	159.7	227.3	2.7	3.1	13.9
09	25.1	7.8	16.0	77	46	61	78	50	62	64	-2.5	-0.5	10.8	12.6	3	0	R, TS	0.91	0.0	29.08	201.2	220.6	3.6	5.0	44.4
10	18.6	8.4	15.3	65	47	60	65	48	56	57	-8.7	-7.7	11.9	13.1	9	0	R	Trace	0.0	29.14	180.7	253.1	2.8	4.1	15.4
11	21.3	5.7	13.3	70	42	56	73	45	56	59	-9.0	-6.0	7.4	8.9	9	0		0.00	0.0	29.26	276.6	57.2	2.3	3.1	22.8
12	17.7	6.7	13.3	64	44	56	65	46	54	56	-11.3	-9.3	4.9	7.5	11	0	R	Trace	0.0	29.35	281.8	62.1	6.1	6.6	31.1
13	20.2	3.3	11.8	68	38	53	71	43	57	57	-8.6	-8.6	3.6	6.1	8	0		0.00	0.0	29.40	351.3	73.8	1.8	2.6	20.0
14	21.6	4.0	12.8	71	39	55	74	42	58	58	-7.8	-7.8	3.5	6.5	7	0		0.00	0.0	29.40	308.6	69.6	1.1	2.0	12.8
15	23.8	5.0	14.8	75	41	59	77	45	61	61	-5.1	-5.1	6.3	9.0	4	0	R	Trace	0.0	29.38	333.6	199.2	0.8	2.6	17.5
16	23.0	12.4	17.6	73	54	64	75	57	66	66	-0.4	-0.4	11.3	13.5	0	1		0.00	0.0	29.35	193.3	237.7	1.0	2.2	12.8
17	25.3	11.3	18.6	78	52	66	79	55	67	67	0.3	0.3	12.2	14.8	0	2		0.00	0.0	29.34	279.0	255.3	0.7	2.6	16.9
18	24.0	14.1	19.0	75	57	66	77	59	68	68	1.0	1.0	13.9	16.0	0	3		0.00	0.0	29.39	193.9	90.5	1.4	2.2	14.0
19	27.5	15.7	21.3	82	60	70	83	62	73	73	5.8	5.8	14.2	16.7	0	8		0.00	0.0	29.42	276.5	160.0	0.6	2.7	14.4
20	28.4	13.9	20.8	83	57	69	85	61	73	73	5.5	5.5	13.2	16.0	0	8		0.00	0.0	29.47	296.9	104.4	0.8	2.3	15.0
21	29.3	11.7	20.5	85	53	69	87	57	72	72	4.2	4.2	12.1	15.3	0	7		0.00	0.0	29.54	349.2	55.9	0.7	1.8	11.6
22	29.5	13.4	21.4	85	56	71	88	59	74	74	5.9	5.9	14.0	17.0	0	9		0.00	0.0	29.51	305.1	321.2	0.3	1.9	15.3
23	30.5	14.8	22.3	87	59	72	89	62	76	76	7.6	7.6	14.5	17.7	0	11		0.00	0.0	29.38	309.8	62.2	0.2	1.9	15.6
24	30.6	14.3	22.5	87	58	72	89	61	75	75	6.3	6.3	14.8	18.1	0	10		0.00	0.0	29.33	300.7	181.5	0.0	1.6	10.4
25	32.7	16.1	23.8	91	61	75	92	64	78	78	9.0	9.0	15.8	19.2	0	13		0.00	0.0	29.31	338.4	223.0	1.5	2.5	17.9
26	31.1	16.9	24.0	88	62	75	90	67	79	79	9.7	9.7	15.7	18.9	0	14		0.00	0.0	29.28	316.0	230.6	3.6	3.9	24.4
27	30.6	17.4	23.9	87	63	75	89	66	78	78	8.4	8.4	16.7	19.6	0	13		0.00	0.0	29.20	317.6	230.0	1.2	2.6	15.5
28	27.4	18.8	21.7	81	66	71	83	68	76	76	6.1	6.1	18.7	20.0	0	11	R	0.44	0.0	29.03	130.5	225.3	3.7	3.9	24.9
29	20.0	11.9	16.2	68	53	61	70	54	62	62	-8.2	-8.2	11.7	13.3	3	0	R, TS	Trace	0.0	29.08	219.8	283.4	3.7	5.0	21.7
30	18.0	9.8	13.9	64	50	57	65	51	58	58	-12.5	-12.5	7.9	10.0	7	0		0.00	0.0	29.32	256.5	37.2	2.9	3.7	18.8
31	25.5	7.8	16.4	78	46	61	80	48	64	64	-5.8	-5.8	10.0	12.4	1	0		0.00	0.0	29.41	355.5	90.7	0.3	3.2	16.4
Avg/Sum	24.3	10.7	17.5	75.7	51.3	63.6	77.7	54.1	65.2	66.0	-1.2	-0.4	11.0	13.3	109.0	114.0	F, R, TS	4.55	0.0	29.27	260.7		2.0	3.1	19.9
Max	32.7	18.8	24.0	90.9	65.8	75.2	92.0	68.0	79.0	79.0	9.7	9.7	18.7	20.0	11.0	14.0		1.64	0.0	29.54	355.5		6.1	6.6	44.4
Min	17.7	3.3	11.8	63.9	37.9	53.3	65.0	42.0	54.0	56.0	-12.5	-12.5	1.3	4.9	0.0	0.0		0.00	0.0	28.93	50.0		0.0	1.6	8.8