

ORNL - Local Climate Data -

MARCH 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	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	20.4	3.0	10.0	69	37	50	68	39	53	54	7.4	8.4	6.9	7.3	12	0	R	1.00	0.0	29.23	40.2	268.7	2.1	3.4	23.0
02	10.6	1.2	5.1	51	34	41	53	36	43	45	-2.8	-0.8	-2.0	-0.5	22	0		0.00	0.0	29.35	164.1	54.6	2.6	3.0	15.5
03	16.9	-1.3	7.5	62	30	46	63	31	46	47	-0.1	0.9	-2.4	0.6	19	0		0.00	0.0	29.22	259.5	180.3	0.8	2.6	14.1
04	19.2	-0.7	8.8	67	31	48	67	33	49	50	2.6	3.6	-1.3	2.2	16	0		0.00	0.0	29.24	253.4	19.2	1.3	2.5	21.2
05	11.2	0.6	6.0	52	33	43	53	35	43	44	-3.7	-2.7	-6.2	-2.7	22	0		0.00	0.0	29.32	224.7	52.9	4.6	4.7	23.2
06	12.3	-0.8	6.2	54	31	43	55	32	43	44	-4.0	-3.0	-8.6	-4.7	22	0		0.00	0.0	29.38	259.3	56.8	4.0	4.4	18.3
07	14.7	-4.5	4.7	58	24	40	60	27	41	44	-6.3	-3.3	-6.9	-3.3	24	0		0.00	0.0	29.52	264.6	327.5	1.2	2.6	22.9
08	18.2	-4.5	6.1	65	24	43	66	26	45	46	-2.7	-1.7	-7.1	-2.9	20	0		0.00	0.0	29.63	261.5	151.6	0.9	2.1	15.3
09	20.0	-1.9	8.7	68	29	48	69	30	49	50	1.0	2.0	-3.5	0.5	16	0		0.00	0.0	29.59	211.8	190.6	1.5	2.5	20.8
10	21.6	-0.3	11.3	71	31	52	72	35	51	54	2.7	5.7	0.5	4.4	14	0		0.00	0.0	29.51	231.7	212.7	3.5	4.0	24.4
11	21.0	6.4	13.7	70	44	57	70	50	57	60	8.4	11.4	5.5	8.5	8	0		0.00	0.0	29.46	155.3	226.4	4.3	4.5	27.0
12	23.0	9.6	14.8	73	49	59	74	53	61	64	12.1	15.1	11.1	12.6	4	0	R	0.31	0.0	29.45	102.8	223.2	0.7	2.7	16.7
13	15.6	10.9	13.2	60	52	56	61	54	56	58	6.8	8.8	10.4	11.0	9	0	R	Trace	0.0	29.43	72.5	43.0	2.0	2.4	20.0
14	18.9	10.8	14.4	66	51	58	66	51	59	59	9.5	9.5	2.1	5.2	6	0	R	Trace	0.0	29.33	114.7	57.1	3.6	3.9	17.8
15	21.5	10.4	14.4	71	51	58	71	51	61	61	11.2	11.2	3.6	6.9	4	0	R	0.02	0.0	29.23	152.0	119.9	1.1	5.8	26.1
16	14.0	8.8	11.8	57	48	53	58	51	53	55	2.9	4.9	10.5	10.9	12	0	F, R	0.01	0.0	29.16	48.6	248.5	0.8	2.2	9.7
17	16.0	12.1	13.8	61	54	57	63	55	58	59	7.6	8.6	13.3	13.3	7	0	F, R	1.36	0.0	29.12	49.1	107.2	0.3	2.5	17.3
18	21.6	7.9	15.6	71	46	60	73	46	59	60	8.3	9.3	11.3	12.5	6	0	R, TS	0.70	0.0	28.85	166.3	232.6	6.1	6.8	31.9
19	11.6	6.8	8.8	53	44	48	56	45	49	51	-2.0	0.0	3.9	5.4	16	0	R	0.02	0.0	29.23	157.1	18.6	2.1	5.1	29.4
20	17.0	-0.3	8.6	63	31	47	65	35	47	50	-4.3	-1.3	-2.9	0.1	18	0		0.00	0.0	29.51	293.0	70.3	3.9	4.1	18.5
21	19.4	0.0	9.3	67	32	49	68	35	50	52	-1.6	0.4	0.8	3.7	15	0		0.00	0.0	29.46	274.6	69.3	2.7	3.2	17.2
22	21.1	2.8	11.9	70	37	53	72	40	54	56	2.1	4.1	2.4	5.6	11	0		0.00	0.0	29.32	260.2	79.8	2.5	2.9	16.4
23	22.0	8.2	13.8	72	47	57	72	47	60	60	7.8	7.8	5.9	8.6	5	0	R	Trace	0.0	29.17	190.1	167.7	1.1	3.5	17.7
24	24.6	10.7	16.7	76	51	62	77	55	64	66	11.5	13.5	10.2	12.8	1	0		0.00	0.0	29.09	209.0	227.5	3.4	4.2	28.1
25	16.6	12.3	14.4	62	54	58	65	54	58	60	5.2	7.2	13.5	14.0	7	0	R, TS	2.00	0.0	29.05	28.7	62.2	1.1	2.3	19.0
26	23.9	10.2	16.9	75	50	62	76	52	63	64	10.0	11.0	9.7	12.0	2	0	R	0.30	0.0	29.16	298.4	236.1	3.6	4.0	29.2
27	15.1	7.5	12.2	59	46	54	59	48	53	54	-0.3	0.7	11.4	11.6	12	0	R, TS	1.04	0.0	29.23	39.7	57.8	1.7	2.7	23.4
28	17.4	5.9	14.1	63	43	57	64	45	53	55	-0.6	1.4	8.7	10.1	12	0	R, TS	1.44	0.0	29.10	154.7	261.4	4.5	5.2	30.9
29	17.0	-0.6	8.0	63	31	46	64	34	47	49	-6.9	-4.9	-1.4	1.1	18	0		0.00	0.0	29.37	308.7	62.9	1.7	2.3	15.0
30	24.1	1.8	13.6	75	35	56	76	37	55	57	0.8	2.8	4.9	7.9	10	0		0.00	0.0	29.30	295.5	200.7	3.5	4.4	27.8
31	18.4	4.0	12.5	65	39	55	67	40	52	54	-2.4	-0.4	11.1	11.3	13	0	F, R	1.63	0.0	29.23	43.3	246.5	2.8	3.4	20.5
Avg/Sum	18.2	4.4	11.2	64.8	40.0	52.1	65.9	42.0	52.6	54.3	2.6	4.2	3.7	6.0	383.0	0.0	F, R, TS	9.83	0.0	29.30	180.2		2.5	3.6	21.2
Max	24.6	12.3	16.9	76.3	54.1	62.5	77.0	55.0	64.0	66.0	12.1	15.1	13.5	14.0	24.0	0.0		2.00	0.0	29.63	308.7		6.1	6.8	31.9
Min	10.6	-4.5	4.7	51.1	23.9	40.5	53.0	26.0	41.0	44.0	-6.9	-4.9	-8.6	-4.7	1.0	0.0		0.00	0.0	28.85	28.7		0.3	2.1	9.7