

ORNL - Local Climate Data -

MARCH 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 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	18.8	-2.3	7.3	66	28	45	65	30	47	48	1.4	2.4	0.0	2.4	18	0		0.00	0.0	29.26	237.7	220.4	2.3	2.8	16.1
02	24.0	-0.1	11.0	75	32	52	75	40	54	58	8.2	12.2	3.2	5.8	11	0		0.00	0.0	29.22	233.9	236.3	2.3	2.7	16.3
03	25.8	3.0	14.2	78	37	58	77	42	58	60	11.9	13.9	5.6	8.4	7	0		0.00	0.0	29.25	231.0	239.9	1.3	3.2	17.1
04	24.9	6.3	14.8	77	43	59	77	44	60	61	13.6	14.6	5.8	8.8	5	0		0.00	0.0	29.37	224.8	102.5	0.7	2.7	12.1
05	24.9	8.1	17.0	77	47	63	77	52	62	65	15.3	18.3	8.7	11.5	3	0		0.00	0.0	29.35	197.2	214.9	5.8	6.0	28.0
06	25.1	11.3	19.1	77	52	66	78	53	65	66	18.0	19.0	12.3	14.6	0	0		0.00	0.0	29.28	155.0	220.0	6.8	7.0	31.2
07	20.9	5.9	15.8	70	43	60	71	45	57	58	9.7	10.7	12.3	13.5	8	0	R	0.61	0.0	29.11	34.9	228.7	7.3	7.9	37.5
08	13.1	4.5	8.4	56	40	47	57	40	48	49	0.3	1.3	3.0	4.8	17	0	R	0.34	0.0	29.20	180.5	60.3	2.3	3.7	15.8
09	12.3	5.1	8.4	54	41	47	55	44	48	50	0.0	2.0	5.7	6.6	17	0	F, R	0.84	0.0	29.05	96.9	46.9	1.5	4.0	16.9
10	16.8	4.8	9.5	62	41	49	63	44	52	54	3.7	5.7	3.3	5.4	13	0		0.00	0.0	29.14	190.0	56.4	1.3	3.3	15.4
11	18.7	0.9	10.0	66	34	50	67	36	50	52	1.4	3.4	5.5	7.0	15	0	R	0.02	0.0	29.04	186.9	236.8	3.3	4.0	21.2
12	6.2	-8.5	-3.2	43	17	26	44	21	30	33	-18.9	-15.9	-8.5	-6.7	35	0	R, S	0.49	3.8	29.19	35.4	301.6	5.2	6.1	24.6
13	9.0	-10.8	-2.0	48	13	28	48	18	31	33	-18.2	-16.2	-8.2	-6.1	34	0		0.00	0.0	29.47	184.8	217.3	3.1	3.4	16.4
14	18.4	-2.7	6.8	65	27	44	66	30	46	48	-3.5	-1.5	-0.6	1.8	19	0		0.00	0.0	29.47	258.7	171.3	0.7	2.1	14.4
15	18.1	2.5	10.9	65	37	52	65	40	51	53	1.2	3.2	3.8	6.1	14	0		0.00	0.0	29.35	153.5	91.4	1.1	1.9	9.2
16	20.5	8.4	13.4	69	47	56	70	47	58	59	7.9	8.9	9.3	10.7	7	0	R	0.20	0.0	29.13	181.2	56.4	2.2	3.4	15.1
17	22.3	10.2	15.1	72	50	59	73	52	61	63	10.6	12.6	10.8	12.2	4	0	F, R	0.01	0.0	29.09	241.5	198.1	2.3	3.0	14.3
18	17.2	6.5	12.2	63	44	54	63	46	54	55	3.3	4.3	10.0	10.7	11	0	R	0.02	0.0	29.02	59.2	221.4	1.7	3.6	33.7
19	16.3	8.4	12.3	61	47	54	62	48	54	55	3.0	4.0	6.2	8.3	11	0	R	Trace	0.0	29.07	78.0	233.4	7.4	7.6	28.0
20	18.8	-0.1	9.5	66	32	49	67	37	49	52	-2.3	0.7	1.6	4.2	16	0		0.00	0.0	29.32	276.1	259.3	2.8	3.4	22.0
21	21.5	0.2	10.9	71	32	52	71	35	52	53	0.4	1.4	2.1	5.0	13	0		0.00	0.0	29.34	267.4	120.1	1.0	2.2	14.4
22	25.1	7.0	16.4	77	45	61	77	47	61	62	9.1	10.1	6.8	10.0	4	0		0.00	0.0	29.11	228.2	164.0	3.4	4.4	24.5
23	24.7	12.5	17.9	76	55	64	77	52	66	65	13.8	12.8	12.5	14.3	0	1	R, TS	0.66	0.0	28.83	176.8	229.6	5.3	7.3	40.7
24	17.8	3.0	10.6	64	37	51	65	43	56	54	3.5	1.5	2.4	5.1	9	0		0.00	0.0	29.01	258.9	230.0	4.9	5.2	29.2
25	10.2	1.9	7.2	50	35	45	51	38	43	45	-9.8	-7.8	0.5	2.7	22	0		0.00	0.0	29.03	83.2	245.3	4.8	5.0	19.7
26	14.8	2.2	8.9	59	36	48	58	41	48	50	-5.0	-3.0	-1.6	1.9	17	0		0.00	0.0	29.01	291.6	253.0	7.5	7.7	43.9
27	12.6	0.1	5.8	55	32	43	56	31	44	44	-9.3	-9.3	-5.9	-2.0	21	0		0.00	0.0	29.18	284.5	263.9	4.7	5.0	20.8
28	13.8	-0.9	5.9	57	30	43	59	33	44	46	-9.6	-7.6	-4.3	-0.9	21	0		0.00	0.0	29.28	232.7	113.7	1.0	2.9	15.0
29	20.3	4.5	11.1	69	40	52	67	41	55	54	1.1	0.1	-0.9	3.1	10	0		0.00	0.0	29.24	191.9	69.7	2.9	3.6	14.8
30	28.3	6.4	17.5	83	44	64	82	43	64	63	9.8	8.8	6.4	10.1	1	0		0.00	0.0	28.97	249.3	182.4	5.1	6.7	39.7
31	23.8	9.5	17.2	75	49	63	75	46	62	61	7.6	6.6	9.3	12.0	3	0	R	0.02	0.0	28.76	183.5	229.0	9.7	10.2	56.6
Avg/Sum	18.9	3.5	11.0	66.0	38.3	51.8	66.4	40.6	52.6	53.8	2.5	3.8	3.8	6.2	386.0	1.0	F, R, S, TS	3.21	3.8	29.17	189.8		3.6	4.6	23.4
Max	28.3	12.5	19.1	82.9	54.5	66.4	82.0	53.0	66.0	66.0	18.0	19.0	12.5	14.6	35.0	1.0		0.84	3.8	29.47	291.6		9.7	10.2	56.6
Min	6.2	-10.8	-3.2	43.2	12.6	26.3	44.0	18.0	30.0	33.0	-18.9	-16.2	-8.5	-6.7	0.0	0.0		0.00	0.0	28.76	34.9		0.7	1.9	9.2