

ORNL - Local Climate Data -

MARCH 2017

Date	Temperature											Degree Days				Precipitation		Pressure	Solar Rad	Wind				
	ORNL Max. C	ORNL Min. C	ORNL Hr Avg. C	ORNL Max. F	ORNL Min. F	ORNL Hr Avg. F	KOQT Max. F	KOQT Min. F	ORNL Avg. F	KOQT Avg. F	ORNL DFN	KOQT DFN	Dew Pt. C	Wt Bulb C	Heating	Cooling	Significant Weather	Water (in)	Snow (in)	Avg. (in)	Avg W/m <sup>2</sup>	Direction deg	Speed mph	Pk Speed mph
01	19.6	7.7	15.3	67	46	60	68	48	57	58	13	14	12.1	13.2	8	0	R, TSTM	1.01	0.0	29.00	20.8	231.2	6.7	29.1
02	12.1	-0.9	5.6	54	30	42	56	34	42	45	-3	0	-3.9	-0.7	23	0		0.00	0.0	29.33	236.4	279.1	3.8	22.9
03	9.5	-2.4	2.8	49	28	37	52	30	39	41	-6	-4	-7.8	-4.2	26	0		0.00	0.0	29.57	242.6	278.5	3.5	23.1
04	15.6	-4.5	4.5	60	24	40	61	26	42	44	-3	-1	-6.3	-2.7	23	0		0.00	0.0	29.61	232.2	177.8	2.2	17.2
05	19.5	-1.0	8.9	67	30	48	68	31	49	50	3	4	-2.2	1.5	16	0		0.00	0.0	29.50	203.2	215.9	2.7	26.1
06	19.9	8.9	14.3	68	48	58	68	50	58	59	12	13	6.0	8.8	7	0	R	0.02	0.0	29.38	102.0	193.6	4.4	24.3
07	17.3	10.9	14.8	63	52	59	65	53	58	59	12	13	10.5	11.9	7	0	R	0.70	0.0	29.24	29.3	217.0	6.8	27.2
08	18.9	1.6	10.1	66	35	50	68	38	51	53	4	6	-0.4	3.1	14	0		0.00	0.0	29.38	250.4	251.1	3.2	24.3
09	21.8	-0.7	10.7	71	31	51	73	33	51	53	4	6	-1.2	2.8	14	0		0.00	0.0	29.27	248.0	218.1	3.3	29.3
10	12.9	1.4	9.5	55	35	49	59	38	45	49	-2	2	1.8	4.4	20	0	R, TSTM	0.65	0.0	29.21	202.2	306.7	4.4	22.4
11	5.3	0.0	3.1	42	32	38	42	35	37	39	-10	-8	-6.4	-3.3	28	0	R, S	Trace	Trace	29.39	97.3	58.8	3.6	19.2
12	11.3	0.3	5.0	52	33	41	54	32	43	43	-5	-5	-10.5	-5.3	22	0	R, S	Trace	Trace	29.37	269.5	64.6	4.0	16.3
13	11.7	-2.9	3.6	53	27	39	53	27	40	40	-8	-8	-1.3	0.3	25	0	R	0.60	0.0	29.17	121.0	212.1	3.1	21.8
14	4.2	-2.2	1.8	40	28	35	41	29	34	35	-14	-13	-1.4	-0.4	31	0	R, S	0.01	Trace	29.10	64.4	274.3	3.7	21.5
15	3.2	-5.4	-1.7	38	22	29	38	22	30	30	-19	-19	-12.8	-9.1	35	0		0.00	0.0	29.37	242.4	308.6	4.5	19.9
16	9.2	-8.3	-0.1	49	17	32	50	20	33	35	-16	-14	-10.8	-7.2	32	0		0.00	0.0	29.43	274.6	220.6	2.5	17.4
17	16.2	-2.6	6.7	61	27	44	57	29	44	43	-5	-6	-0.9	1.6	21	0	R	0.01	0.0	29.34	101.2	224.7	3.2	21.3
18	20.0	9.0	13.3	68	48	56	68	45	58	57	9	8	4.5	7.5	7	0	R	0.65	0.0	29.21	211.1	258.7	5.6	31.6
19	13.5	2.1	7.4	56	36	45	58	38	46	48	-4	-2	-1.8	1.3	19	0		0.00	0.0	29.36	247.3	48.1	4.0	18.8
20	19.2	-0.4	8.9	67	31	48	67	33	49	50	-1	0	1.4	3.9	16	0		0.00	0.0	29.24	162.0	130.3	2.0	10.8
21	27.3	7.1	16.4	81	45	62	83	45	63	64	13	14	9.4	11.7	2	0	R, TSTM	0.06	0.0	29.07	206.0	214.7	3.2	29.1
22	15.4	7.9	11.5	60	46	53	61	47	53	54	2	3	-2.0	2.5	12	0		0.00	0.0	29.29	258.1	51.9	5.2	41.4
23	19.6	2.5	11.7	67	37	53	68	38	52	53	1	2	-2.7	2.1	13	0		0.00	0.0	29.43	241.5	162.6	4.6	23.1
24	21.7	13.0	17.1	71	55	63	72	56	63	64	12	13	5.2	9.2	2	0		0.00	0.0	29.40	197.9	212.0	6.6	41.2
25	24.2	10.1	17.6	76	50	64	77	53	63	65	12	14	8.5	11.5	2	0		0.00	0.0	29.24	210.8	170.0	5.1	25.0
26	22.4	13.4	17.7	72	56	64	74	58	64	66	12	14	12.6	14.3	1	0	R	0.26	0.0	29.12	128.1	222.4	4.8	36.6
27	24.4	10.4	16.7	76	51	62	77	53	64	65	12	13	12.6	13.9	1	0	R, TSTM	0.36	0.0	29.07	152.8	212.7	4.2	24.0
28	23.1	11.5	16.7	74	53	62	75	54	64	65	12	13	11.8	13.5	1	0	R	0.32	0.0	29.05	198.5	247.7	4.0	21.5
29	26.2	7.1	16.6	79	45	62	82	49	62	66	10	14	9.3	11.7	3	0		0.00	0.0	29.11	282.4	143.1	2.9	16.3
30	27.7	14.3	20.1	82	58	68	82	58	70	70	17	17	10.1	13.4	0	5	R, TSTM	0.02	0.0	28.93	178.2	189.5	5.6	33.4
31	17.6	12.3	14.5	64	54	58	64	54	59	59	6	6	9.3	11.0	6	0	R, TSTM	0.15	0.0	28.88	79.7	242.7	6.2	24.7
Avg/Sum	17.1	3.9	10.4	62.8	39.0	50.7	63.9	40.5	51.1	52.3	2.3	3.5	1.7	4.6	437.0	5.0	R, S, TSTM	4.82	Trace	29.26			4.2	24.5
Max	27.7	14.3	20.1	81.9	57.7	68.2	83.0	58.0	70.0	70.0	17.0	17.0	12.6	14.3	35.0	5.0		1.01	Trace	29.61	282.36		6.8	41.4
Min	3.2	-8.3	-1.7	37.8	17.1	29.0	38.0	20.0	30.0	30.0	-19.0	-19.0	-12.8	-9.1	0.0	0.0		0.00	0.0	28.88	20.77		2.0	10.8