

ORNL - Local Climate Data -

FEBRUARY 2018

Date	Temperature							Degree Days								Precipitation		Pressure	Solar Rad	Wind Direction	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
	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	9.40	1.5	5.6	49	35	42	50	33	42	42	3.2	3.2	0.8	1.9	23	0	R	0.28	0.0	29.15	29.3	252.4	1.7	5.7	7.4
02	2.6	-7.2	-2.1	37	19	28	37	21	28	29	-11.0	-10.0	-8.5	-7.3	37	0		0.00	0.0	29.47	189.1	285.4	2.3	8.8	7.6
03	6.3	-8.0	-0.6	43	18	31	43	19	31	31	-8.1	-8.1	-8.2	-6.8	34	0		0.00	0.0	29.39	136.1	65.2	0.7	5.4	5.1
04	6.6	1.4	4.0	44	35	39	45	34	40	40	0.7	0.7	1.8	2.5	25	0	R	0.85	0.0	29.04	28.2	233.0	1.8	6.2	6.4
05	4.0	-3.3	0.0	39	26	32	43	28	33	36	-6.5	-3.5	-4.5	-3.3	32	0		0.00	0.0	29.27	135.9	338.2	1.4	8.9	8.8
06	6.6	-3.7	2.8	44	25	37	44	29	35	36	-4.7	-3.7	0.1	1.0	30	0	R	0.11	0.0	29.34	31.9	56.2	1.3	5.3	6.0
07	9.1	-0.9	4.7	48	30	40	50	34	39	42	-0.9	2.1	3.6	4.3	26	0	R	0.80	0.0	29.22	24.5	275.6	1.7	7.0	9.4
08	8.1	-3.2	1.4	47	26	35	48	27	37	38	-3.1	-2.1	-3.3	-2.0	28	0		0.00	0.0	29.51	196.5	84.8	1.2	4.9	5.8
09	16.1	-4.0	5.0	61	25	41	61	26	43	44	2.7	3.7	-1.2	1.0	22	0		0.00	0.0	29.37	198.5	221.9	1.0	4.3	5.8
10	10.1	5.4	8.1	50	42	46	51	40	46	46	5.5	5.5	7.2	7.6	19	0	R	2.43	0.0	29.15	13.7	47.3	1.5	4.5	4.8
11	18.0	9.4	14.2	64	49	58	66	49	57	58	16.3	17.3	13.1	14.4	8	0	R	1.52	0.0	29.02	38.7	233.4	3.4	9.7	8.5
12	9.3	3.8	5.5	49	39	42	54	38	44	46	3.0	5.0	3.1	4.1	21	0	R	0.07	0.0	29.44	57.0	42.3	2.3	11.2	6.9
13	10.3	4.1	6.7	51	39	44	52	39	45	46	3.8	4.8	4.6	5.6	20	0	R	Trace	0.0	29.58	71.4	254.9	0.5	7.5	7.1
14	12.2	8.6	10.4	54	47	51	55	48	51	52	9.5	10.5	9.5	10.2	14	0	R	0.46	0.0	29.43	33.0	248.9	2.7	6.1	6.2
15	21.5	13.0	17.6	71	55	64	72	55	63	64	21.3	22.3	14.9	16.2	2	0	R	0.03	0.0	29.16	64.2	215.4	7.3	16.2	12.3
16	18.9	5.7	14.0	66	42	57	67	43	54	55	12.0	13.0	12.1	13.4	11	0	R	0.15	0.0	29.12	16.4	231.9	4.0	12.8	10.0
17	8.8	5.5	7.2	48	42	45	49	43	45	46	2.7	3.7	5.6	6.2	20	0	R	0.60	0.0	29.19	10.7	10.9	0.4	7.0	6.9
18	15.1	1.1	8.5	59	34	47	61	35	47	48	4.5	5.5	3.8	5.4	18	0		0.00	0.0	29.32	212.0	49.5	1.8	7.1	8.7
19	22.0	10.4	14.8	72	51	59	70	52	62	61	19.2	18.2	10.6	12.2	3	0		0.00	0.0	29.32	86.4	240.0	1.0	5.2	9.4
20	25.4	10.5	17.7	78	51	64	77	55	65	66	21.9	22.9	12.7	15.1	0	0		0.00	0.0	29.36	158.7	216.4	4.1	9.5	9.6
21	26.5	16.5	21.2	80	62	70	81	65	71	73	27.6	29.6	15.8	18.0	0	6	R	0.05	0.0	29.37	122.0	218.6	5.8	12.9	14.6
22	25.2	13.8	20.0	77	57	68	79	59	67	69	23.3	25.3	15.8	17.7	0	2	R, TS	0.07	0.0	29.40	124.1	223.6	4.9	11.6	11.7
23	26.5	11.6	18.2	80	53	65	81	57	67	69	23.0	25.0	13.1	15.4	0	2		0.00	0.0	29.37	169.5	235.5	3.0	7.3	9.7
24	22.4	15.6	18.0	72	60	64	72	61	66	66	21.7	21.7	15.4	16.7	0	1	R	0.22	0.0	29.14	64.3	233.9	3.3	7.9	12.0
25	19.9	11.0	14.3	68	52	58	68	54	60	61	15.4	16.4	12.3	13.4	5	0	R	0.55	0.0	29.11	38.9	230.7	3.8	11.1	11.0
26	12.3	3.3	9.1	54	38	48	56	40	46	48	1.1	3.1	7.2	8.1	19	0	R	0.58	0.0	29.30	131.0	65.6	2.8	7.1	9.4
27	17.6	0.9	8.9	64	34	48	65	36	49	50	3.8	4.8	2.5	4.3	16	0		0.00	0.0	29.38	242.7	170.3	1.3	6.6	7.6
28	13.6	7.9	10.6	56	46	51	57	48	51	52	5.5	6.5	8.2	8.8	14	0	R	0.77	0.0	29.11	36.0	242.2	2.3	5.4	7.9
Avg/Sum	14.4	4.7	9.5	58.0	40.4	49.1	59.1	41.7	49.4	50.5	7.6	8.7	6.0	7.3	447.0	11.0	R	9.54	0.0	29.29	95.0		2.5	8.0	8.5
Max	26.5	16.5	21.2	79.7	61.7	70.1	81.0	65.0	71.0	73.0	27.6	29.6	15.8	18.0	37.0	6.0		2.43	0.0	29.58	242.7		7.3	16.2	14.6
Min	2.6	-8.0	-2.1	36.7	17.6	28.2	37.0	19.0	28.0	29.0	-11.0	-10.0	-8.5	-7.3	0.0	0.0		0.00	0.0	29.02	10.7		0.4	4.3	4.8