

ORNL - Local Climate Data -

DECEMBER 2017

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
01	15.9	5.0	10.3	61	41	51	62	43	51	52	7.3	8.3	7.6	9.1	14	0		0.00	0.0	29.24	114.2	70.2	1.7	2.2	12.1
02	17.8	4.8	9.6	64	41	49	65	43	53	54	9.6	10.6	6.4	8.2	12	0		0.00	0.0	29.23	118.6	214.7	1.1	1.8	12.8
03	17.3	2.0	7.8	63	36	46	65	36	50	50	6.9	6.9	2.8	5.0	15	0		0.00	0.0	29.28	136.9	72.7	1.4	1.8	10.8
04	19.4	1.2	10.3	67	34	51	67	36	51	52	8.1	9.1	4.1	6.4	14	0		0.00	0.0	29.26	137.8	217.2	3.4	4.1	20.3
05	15.1	5.3	11.9	59	42	53	59	41	51	50	8.4	7.4	9.0	10.0	14	0	R	1.01	0.0	29.18	14.8	232.9	3.7	4.2	19.8
06	6.4	-0.1	3.2	44	32	38	44	34	38	39	-4.3	-3.3	-2.5	-2.4	27	0		0.00	0.0	29.28	65.5	294.0	0.3	2.0	14.1
07	9.0	-0.1	3.7	48	32	39	50	34	40	42	-2.1	-0.1	-1.4	-0.3	25	0		0.00	0.0	29.22	89.2	239.1	2.3	2.8	14.2
08	1.7	-0.4	0.8	35	31	33	37	31	33	34	-8.8	-7.8	-4.6	-3.5	32	0	S	Trace	Trace	29.13	21.9	38.4	1.0	2.5	12.6
09	5.1	-1.9	1.3	41	29	34	42	29	35	36	-6.6	-5.6	-7.0	-5.1	30	0		0.00	0.0	29.04	108.6	248.5	5.2	5.4	26.6
10	6.2	-5.5	0.7	43	22	33	43	24	33	34	-8.3	-7.3	-6.9	-5.2	32	0		0.00	0.0	29.27	140.4	228.1	3.9	4.4	19.3
11	13.1	-4.5	4.5	56	24	40	55	27	40	41	-1.1	-0.1	-2.3	-0.3	25	0		0.00	0.0	29.13	142.0	222.8	4.0	4.2	19.4
12	7.9	-2.2	3.9	46	28	39	47	29	37	38	-3.9	-2.9	-4.1	-2.2	28	0		0.00	0.0	29.02	42.9	263.2	5.7	5.9	25.8
13	6.9	-7.2	0.4	44	19	33	44	20	32	32	-8.7	-8.7	-10.9	-8.6	33	0		0.00	0.0	29.00	140.9	226.4	4.8	5.2	25.6
14	9.1	-4.1	1.9	48	25	35	50	28	37	39	-3.4	-1.4	-3.8	-1.9	28	0		0.00	0.0	28.99	129.7	267.6	1.5	2.6	17.0
15	2.9	-4.2	-1.0	37	24	30	39	28	31	34	-9.2	-6.2	-4.6	-3.2	34	0		0.00	0.0	29.18	68.9	255.0	2.8	3.0	17.1
16	9.0	-6.8	-0.2	48	20	32	49	23	34	36	-6.1	-4.1	-4.3	-2.5	31	0		0.00	0.0	29.32	127.1	222.7	2.2	2.5	15.2
17	6.0	-1.8	2.7	43	29	37	43	30	36	36	-3.9	-3.9	1.1	1.9	29	0	R	0.04	0.0	29.29	30.6	320.0	0.2	1.7	10.3
18	10.9	3.9	6.7	52	39	44	50	42	46	46	6.3	6.3	6.0	6.7	19	0		0.00	0.0	29.24	33.8	237.1	1.2	1.6	6.3
19	11.8	3.8	8.9	53	39	48	54	45	46	50	6.5	10.5	8.0	8.7	19	0	R	0.07	0.0	29.22	59.3	244.9	2.7	3.0	13.4
20	13.5	9.9	11.3	56	50	52	56	50	53	53	13.6	13.6	10.7	11.3	12	0	R	1.14	0.0	29.02	32.9	50.1	2.9	3.1	19.6
21	13.1	7.4	10.7	56	45	51	57	49	51	53	11.8	13.8	9.3	10.3	14	0	R	0.01	0.0	29.11	47.9	243.7	1.9	2.5	20.4
22	13.7	10.6	11.7	57	51	53	56	52	54	54	14.9	14.9	9.9	10.8	11	0	R	0.60	0.0	29.18	21.3	232.9	2.1	2.7	13.0
23	19.3	6.6	13.0	67	44	55	67	44	56	56	17.1	17.1	10.8	11.8	9	0	R	0.64	0.0	29.02	34.2	232.9	5.4	6.7	37.1
24	8.6	1.7	5.9	47	35	43	48	35	41	42	2.2	3.2	3.1	4.1	24	0	R, S	0.01	Trace	29.15	30.3	244.6	2.8	5.2	29.2
25	1.6	-4.0	-2.1	35	25	28	35	25	30	30	-8.6	-8.6	-8.9	-8.0	35	0		0.00	0.0	29.45	63.0	272.3	3.2	3.9	28.7
26	5.5	-3.0	0.2	42	27	32	43	28	35	36	-3.5	-2.5	-7.6	-6.2	30	0		0.00	0.0	29.49	103.6	55.7	3.0	3.3	14.5
27	4.0	-5.1	-1.8	39	23	29	40	22	31	31	-7.4	-7.4	-6.9	-5.8	34	0		0.00	0.0	29.53	120.3	42.3	3.1	3.6	18.4
28	3.3	-7.3	-2.9	38	19	27	39	19	29	29	-9.3	-9.3	-10.2	-8.7	36	0		0.00	0.0	29.50	136.0	63.1	3.1	3.9	15.8
29	5.8	-4.1	0.0	42	25	32	42	26	34	34	-4.2	-4.2	-7.2	-5.7	31	0		0.00	0.0	29.36	107.6	234.9	0.7	2.6	11.8
30	3.7	-3.4	0.7	39	26	33	39	26	33	33	-5.2	-5.2	-4.7	-3.4	32	0		0.00	0.0	29.24	37.3	259.1	2.9	3.7	15.2
31	-0.7	-8.9	-4.1	31	16	25	30	16	24	23	-14.1	-15.1	-11.6	-10.0	41	0		0.00	0.0	29.35	35.7	47.4	3.7	4.0	17.8
Avg/Sum	9.1	-0.4	4.2	48.4	31.3	39.5	48.9	32.7	40.2	40.9	-0.2	0.6	-0.7	0.7	770.0	0.0	R, S	3.52	Trace	29.22	80.4		2.7	3.4	17.9
Max	19.4	10.6	13.0	66.9	51.1	55.3	67.0	52.0	56.0	56.0	17.1	17.1	10.8	11.8	41.0	0.0		1.14	Trace	29.53	142.0		5.7	6.7	37.1
Min	-0.7	-8.9	-4.1	30.7	16.0	24.6	30.0	16.0	24.0	23.0	-14.1	-15.1	-11.6	-10.0	9.0	0.0		0.00	Trace	28.99	14.8		0.2	1.6	6.3