

ORNL - Local Climate Data -

SEPTEMBER 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	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	24.6	16.3	21.0	76	61	70	77	61	69	69	-6.4	-6.4	17.8	19.3	0	4	R	0.37	0.0	28.91	124.7	186.4	3.5	6.5	32.2
02	19.3	14.1	16.1	67	57	61	68	58	62	63	-13.2	-12.2	14.4	15.4	3	0	R	0.17	0.0	29.09	85.4	236.4	3.2	3.5	17.0
03	25.8	13.4	18.0	78	56	64	80	57	67	68	-7.9	-6.9	13.3	15.5	0	2		0.00	0.0	29.19	268.7	226.5	1.3	2.1	10.8
04	28.3	13.7	20.1	83	57	68	85	58	70	72	-4.6	-2.6	14.7	17.1	0	5		0.00	0.0	29.14	288.1	219.0	1.5	2.6	17.6
05	21.7	16.5	18.3	71	62	65	70	64	67	67	-7.3	-7.3	17.1	18.5	0	2	R, TSTM	2.30	0.0	29.01	29.4	264.9	1.2	2.5	20.5
06	22.8	10.8	17.1	73	51	63	75	53	62	64	-12.1	-10.1	11.5	13.7	3	0		0.00	0.0	29.05	276.4	300.8	1.9	2.6	15.5
07	21.9	7.7	14.2	71	46	58	74	47	59	60	-14.8	-13.8	8.7	10.8	6	0		0.00	0.0	29.20	277.1	236.0	1.3	2.1	13.2
08	23.5	8.7	15.6	74	48	60	76	49	61	62	-12.5	-11.5	9.7	12.2	4	0		0.00	0.0	29.28	296.3	59.4	2.7	3.0	18.1
09	25.4	11.1	18.3	78	52	65	80	53	65	66	-8.1	-7.1	11.3	13.8	0	0		0.00	0.0	29.31	282.7	53.9	4.1	4.3	20.6
10	24.2	11.8	17.5	76	53	64	77	53	65	65	-7.8	-7.8	10.7	13.1	0	0		0.00	0.0	29.31	276.0	57.3	3.8	3.9	21.5
11	16.7	14.0	15.1	62	57	59	64	57	60	60	-12.5	-12.5	11.0	12.4	5	0	R	0.45	0.0	29.09	42.4	47.5	6.2	6.3	32.5
12	20.9	15.9	18.3	70	61	65	72	61	66	66	-6.1	-6.1	14.6	15.9	0	1		0.00	0.0	28.81	65.2	60.5	2.2	5.0	34.1
13	18.6	15.0	16.6	65	59	62	66	59	62	62	-9.8	-9.8	14.1	15.2	3	0	R	Trace	0.0	28.94	40.6	218.9	2.6	4.0	30.0
14	23.8	15.4	18.3	75	60	65	76	60	68	68	-3.4	-3.4	15.9	17.0	0	3	R	0.03	0.0	29.05	133.9	234.1	1.8	2.3	12.1
15	27.6	17.7	21.2	82	64	70	83	64	73	74	1.9	2.9	16.9	18.7	0	8		0.00	0.0	29.15	208.9	141.1	0.2	1.7	9.8
16	29.2	16.2	21.1	85	61	70	86	63	73	74	2.3	3.3	16.5	18.6	0	8		0.00	0.0	29.20	266.3	91.9	0.4	2.0	10.4
17	29.4	15.8	21.1	85	60	70	86	62	73	74	2.7	3.7	16.1	18.5	0	8		0.00	0.0	29.19	251.7	82.1	0.9	1.9	9.7
18	29.0	14.9	21.2	84	59	70	87	62	72	74	2.0	4.0	16.2	18.7	0	7		0.00	0.0	29.13	234.9	88.9	0.8	1.8	11.9
19	30.5	16.3	20.4	87	61	69	87	63	74	75	4.4	5.4	16.8	18.8	0	9	R, TSTM	1.04	0.0	29.08	213.5	203.4	0.9	2.3	22.7
20	29.3	15.4	21.1	85	60	70	86	62	73	74	3.8	4.8	17.7	19.6	0	8		0.00	0.0	29.11	251.2	205.7	0.5	1.8	9.4
21	29.6	17.5	22.6	85	64	73	88	64	75	76	6.2	7.2	18.3	20.4	0	10	R, TSTM	0.00	0.0	29.14	242.6	41.7	1.1	2.2	13.8
22	30.5	16.9	22.7	87	62	73	90	66	75	78	6.6	9.6	18.0	20.3	0	10		0.00	0.0	29.13	247.4	95.5	0.9	1.9	9.7
23	31.2	17.5	23.1	88	64	74	91	66	76	78	8.0	10.0	17.9	20.4	0	11		0.00	0.0	29.12	247.7	60.0	0.7	2.1	12.7
24	29.9	17.6	22.6	86	64	73	88	66	75	77	7.4	9.4	17.5	19.9	0	10		0.00	0.0	29.13	242.1	53.1	0.9	2.1	11.9
25	29.7	16.8	21.6	85	62	71	88	64	74	76	6.7	8.7	16.6	19.0	0	9		0.00	0.0	29.09	217.1	55.8	0.6	2.0	11.4
26	30.6	15.1	21.5	87	59	71	89	61	73	75	6.1	8.1	16.0	18.7	0	8		0.00	0.0	29.06	258.8	105.2	0.4	2.0	13.8
27	31.3	16.2	22.1	88	61	72	90	63	75	76	8.5	9.5	17.2	19.4	0	10		0.00	0.0	29.05	221.7	44.6	0.5	1.8	11.4
28	29.0	16.0	21.0	84	61	70	87	63	73	75	6.9	8.9	17.4	19.0	0	8	R	0.06	0.0	29.07	202.7	354.3	0.6	1.9	16.1
29	26.7	13.1	19.2	80	56	67	82	59	68	70	2.3	4.3	13.0	15.0	0	3		0.00	0.0	29.15	254.2	57.0	3.2	3.5	17.0
30	24.4	11.1	16.8	76	52	62	77	54	64	66	-1.3	0.7	9.9	11.9	1	0		0.00	0.0	29.27	232.2	48.5	3.9	4.1	23.5
Avg/Sum	26.2	14.6	19.5	79.1	58.3	67.0	80.8	59.7	69.0	70.1	-1.7	-0.6	14.9	16.9	25.0	144.0		4.42	0.0	29.12	209.3		1.8	2.9	17.0
Max	31.3	17.7	23.1	88.3	63.9	73.6	91.0	66.0	76.0	78.0	8.5	10.0	18.3	20.4	6.0	11.0		2.30	0.0	29.31	296.3		6.2	6.5	34.1
Min	16.7	7.7	14.2	62.1	45.9	57.6	64.0	47.0	59.0	60.0	-14.8	-13.8	8.7	10.8	0.0	0.0		0.00	0.0	28.81	29.4		0.2	1.7	9.4