

ORNL - Local Climate Data -

OCTOBER 2017

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 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	23.6	9.4	15.7	74	49	60	77	49	62	63	-2.9	-1.9	9.2	11.2	3	0		0.00	0.0	29.29	234.5	61.9	2.4	3.0	15.9
02	24.7	8.1	15.0	76	47	59	79	47	62	63	-2.6	-1.6	9.4	11.6	3	0		0.00	0.0	29.37	235.9	70.8	0.9	2.0	11.2
03	26.3	9.5	16.8	79	49	62	82	51	64	66	-0.2	1.8	11.4	13.5	1	0		0.00	0.0	29.48	255.0	72.3	1.9	2.5	14.9
04	26.5	10.7	17.3	80	51	63	82	53	66	68	2.2	4.2	12.1	14.3	0	1		0.00	0.0	29.46	251.8	99.5	1.1	2.0	12.8
05	27.5	10.9	17.9	82	52	64	84	53	67	68	3.6	4.6	12.8	15.0	0	2		0.00	0.0	29.30	246.4	102.6	0.8	1.8	10.8
06	27.6	11.5	18.4	82	53	65	83	55	68	69	5.0	6.0	13.1	15.4	0	3		0.00	0.0	29.18	242.9	146.4	0.2	1.6	9.3
07	29.8	14.3	21.2	86	58	70	86	58	72	72	9.3	9.3	17.0	18.7	0	7		0.00	0.0	29.05	151.3	206.1	1.0	2.5	17.2
08	22.8	20.6	21.5	73	69	71	74	69	71	72	8.7	9.7	20.9	21.4	0	6	R	2.52	0.0	28.90	23.3	72.0	2.5	4.1	23.9
09	29.7	21.0	24.1	85	70	75	87	71	78	79	16.0	17.0	20.8	22.3	0	13		0.00	0.0	29.01	188.7	225.5	2.1	3.1	19.5
10	26.8	20.6	23.0	80	69	73	82	70	75	76	13.4	14.4	21.6	22.6	0	10	R	0.15	0.0	29.13	89.9	284.1	0.3	1.5	18.0
11	29.6	18.8	23.3	85	66	74	86	65	76	76	14.8	14.8	20.6	21.5	0	11	R	0.09	0.0	29.12	150.4	229.9	2.8	3.0	16.7
12	26.0	13.7	18.3	79	57	65	80	56	68	68	7.1	7.1	14.5	15.8	0	3		0.00	0.0	29.17	227.2	314.0	0.4	1.9	9.6
13	28.0	11.3	18.4	82	52	65	84	55	67	70	6.5	9.5	14.8	16.6	0	2		0.00	0.0	29.24	223.0	231.1	1.1	2.0	15.6
14	23.8	16.1	19.7	75	61	67	76	64	68	70	7.8	9.8	17.6	18.9	0	3		0.00	0.0	29.27	71.4	238.6	1.5	1.7	9.3
15	26.3	14.8	19.3	79	59	67	81	59	69	70	9.2	10.2	17.3	18.5	0	4	R	0.28	0.0	29.18	117.7	225.0	3.3	3.7	23.1
16	17.9	7.2	13.1	64	45	56	65	46	55	56	-4.5	-3.5	7.6	9.0	10	0		0.00	0.0	29.29	208.1	33.2	3.3	3.8	21.1
17	18.8	4.9	10.6	66	41	51	67	42	54	54	-5.1	-5.1	5.8	7.5	11	0		0.00	0.0	29.38	231.1	70.1	2.3	2.8	16.6
18	20.2	5.6	11.1	68	42	52	71	42	55	56	-3.8	-2.8	7.6	9.0	10	0		0.00	0.0	29.37	201.1	90.6	0.4	1.8	8.6
19	21.4	5.4	11.6	71	42	53	73	42	57	58	-1.5	-0.5	7.4	9.0	8	0		0.00	0.0	29.36	221.0	183.3	0.7	1.8	11.8
20	24.1	5.9	13.1	75	43	56	77	46	59	62	0.9	3.9	8.9	10.8	6	0		0.00	0.0	29.33	212.4	82.7	1.6	2.2	12.0
21	23.7	8.4	14.2	75	47	57	77	48	61	62	3.2	4.2	10.5	12.2	4	0		0.00	0.0	29.33	181.0	74.2	1.0	1.8	7.8
22	26.4	8.7	16.5	80	48	62	79	47	64	63	6.6	5.6	12.0	13.8	1	0		0.00	0.0	29.27	175.6	125.6	1.6	2.9	22.8
23	20.6	9.0	16.2	69	48	61	68	51	59	60	1.9	2.9	14.1	14.9	6	0	R	1.35	0.0	28.96	73.1	232.9	1.7	4.2	31.0
24	16.3	5.9	10.3	61	43	51	63	46	52	54	-4.8	-2.8	5.9	7.2	13	0		0.00	0.0	28.98	174.8	238.5	3.8	4.2	26.0
25	14.5	2.9	7.4	58	37	45	59	40	48	50	-8.4	-6.4	3.2	4.5	17	0		0.00	0.0	29.00	131.8	240.6	3.6	3.9	20.9
26	17.9	0.9	8.3	64	34	47	65	35	49	50	-7.1	-6.1	4.0	5.6	16	0		0.00	0.0	29.04	207.1	224.8	1.3	2.1	14.1
27	22.0	3.9	13.1	72	39	55	73	41	56	57	0.3	1.3	7.5	9.6	9	0		0.00	0.0	29.04	187.0	213.8	3.6	4.0	27.6
28	18.4	4.8	9.4	65	41	49	65	41	53	53	-2.4	-2.4	7.2	7.9	12	0	R	1.13	0.0	28.94	16.9	242.9	3.1	3.7	26.9
29	5.3	2.6	3.9	42	37	39	42	33	40	38	-15.1	-17.1	0.4	1.2	25	0		0.00	0.0	28.94	57.9	271.8	2.9	3.4	20.0
30	15.7	-2.0	5.1	60	28	41	61	29	44	45	-10.7	-9.7	0.8	2.2	21	0		0.00	0.0	29.05	185.1	228.0	2.7	2.9	17.5
31	16.4	1.9	8.0	62	35	46	63	36	49	50	-5.4	-4.4	3.5	5.5	16	0		0.00	0.0	29.21	188.5	166.1	0.5	1.7	10.1
Avg/Sum	22.5	9.3	14.9	72.6	48.7	58.8	73.9	49.7	60.9	61.9	1.4	2.3	11.0	12.5	192.0	65.0	R	5.52	0.0	29.18	173.0		1.8	2.7	16.9
Max	29.8	21.0	24.1	85.6	69.8	75.3	87.0	71.0	78.0	79.0	16.0	17.0	21.6	22.6	25.0	13.0		2.52	0.0	29.48	255.0		3.8	4.2	31.0
Min	5.3	-2.0	3.9	41.5	28.4	39.0	42.0	29.0	40.0	38.0	-15.1	-17.1	0.4	1.2	0.0	0.0		0.00	0.0	28.90	16.9		0.2	1.5	7.8