

ORNL - Local Climate Data -

OCTOBER 2021

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 <sup>2</sup>	deg	Wind Spd	Wind Spd	Pk Speed
	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	27.4	15.3	20.2	81	60	68	82	61	71	72	5.7	6.7	16.5	18.0	0	6		0.00	0.0	29.33	190.6	54.7	1.2	2.4	12.2
02	26.2	16.3	20.3	79	61	69	80	62	70	71	5.1	6.1	17.7	19.4	0	5	F	0.00	0.0	29.32	141.1	238.2	1.2	2.0	17.4
03	20.6	18.8	19.7	69	66	67	70	67	68	69	3.4	4.4	19.3	19.2	0	3	R	1.22	0.0	29.18	31.3	213.6	2.2	2.5	14.5
04	26.9	17.2	20.9	80	63	70	81	65	72	73	7.8	8.8	17.7	19.0	0	7	R	0.12	0.0	29.13	202.3	243.7	1.2	1.9	9.6
05	21.7	16.4	19.1	71	62	66	72	64	67	68	3.2	4.2	18.7	18.6	0	2	F, R	0.10	0.0	29.22	49.1	42.4	0.9	1.8	8.1
06	26.7	19.0	21.5	80	66	71	80	67	73	74	9.6	10.6	19.1	19.7	0	8	R	0.05	0.0	29.28	142.2	60.7	2.9	3.4	20.2
07	26.4	17.3	20.3	80	63	68	81	63	72	72	9.0	9.0	18.5	18.9	0	7	R, TS	1.43	0.0	29.27	132.6	56.6	1.9	2.9	25.5
08	25.4	16.9	20.2	78	62	68	78	64	70	71	7.3	8.3	17.9	18.8	0	5	F, R	0.03	0.0	29.22	162.0	53.9	0.5	1.6	11.4
09	25.5	16.4	19.0	78	62	66	78	61	70	70	7.7	7.7	16.8	17.8	0	5	F	0.00	0.0	29.20	158.3	58.1	0.6	1.7	9.0
10	26.0	16.0	19.3	79	61	67	80	62	70	71	8.0	9.0	16.5	17.9	0	5	F	0.00	0.0	29.17	186.9	65.0	0.6	2.0	9.4
11	25.8	15.1	19.1	78	59	66	80	61	69	71	7.4	9.4	16.5	17.9	0	4	F	0.00	0.0	29.13	169.9	236.9	1.0	2.2	14.0
12	21.4	15.1	18.4	71	59	65	69	63	65	66	3.8	4.8	17.2	17.8	0	0	F	0.00	0.0	29.21	43.4	239.4	1.7	2.2	16.2
13	25.2	15.9	20.0	77	61	68	78	61	69	70	8.1	9.1	17.9	18.7	0	4	F, R	0.01	0.0	29.21	126.5	272.2	0.5	1.7	11.2
14	28.0	17.1	21.0	82	63	70	82	63	73	73	12.5	12.5	17.7	19.4	0	8	F	0.00	0.0	29.17	177.2	223.0	0.5	1.6	16.9
15	28.2	16.9	21.7	83	62	71	83	65	73	74	12.8	13.8	18.5	19.8	0	8	F, R	0.90	0.0	29.10	172.0	223.0	2.5	3.0	23.1
16	20.4	6.5	15.7	69	44	60	70	47	57	59	-2.8	-0.8	10.8	12.3	8	0	R	0.82	0.0	29.15	214.6	264.1	4.8	5.1	26.6
17	18.4	3.4	9.9	65	38	50	68	41	52	55	-1.5	-4.5	4.5	6.6	13	0		0.00	0.0	29.34	228.8	291.1	0.8	2.1	13.1
18	20.8	3.7	10.9	69	39	52	71	41	54	56	-5.1	-3.1	5.8	8.1	11	0		0.00	0.0	29.35	228.6	205.4	0.7	1.6	10.1
19	21.9	6.0	12.1	71	43	54	71	46	57	59	-1.8	0.2	8.1	10.0	8	0	F	0.00	0.0	29.37	203.6	51.8	0.1	1.7	10.3
20	23.0	6.8	13.6	73	44	56	73	45	59	59	0.5	0.5	10.0	11.7	6	0	F	0.00	0.0	29.38	203.7	193.3	0.7	1.8	15.6
21	23.1	10.8	16.4	74	51	62	74	56	63	65	4.9	6.9	15.0	15.9	2	0	R, TS	0.23	0.0	29.22	95.4	217.2	2.4	2.7	17.9
22	16.6	8.3	12.7	62	47	55	62	51	55	57	-2.8	-0.8	9.2	10.6	10	0	R	0.01	0.0	29.20	168.1	248.9	3.5	3.7	19.6
23	19.4	6.0	11.8	67	43	53	66	44	55	55	-2.6	-2.6	7.9	9.6	10	0	F	0.00	0.0	29.23	186.4	226.4	0.5	1.8	9.7
24	23.8	7.3	14.0	75	45	57	75	48	60	62	2.8	4.8	9.7	11.7	5	0	F	0.00	0.0	29.21	197.9	226.8	1.9	2.5	15.0
25	22.7	9.5	14.5	73	49	58	72	54	61	63	4.2	6.2	12.2	13.4	4	0	R	0.23	0.0	29.04	85.8	246.9	3.7	4.1	25.2
26	13.9	4.8	10.7	57	41	51	60	41	49	51	-7.4	-5.4	6.9	8.4	16	0		0.00	0.0	29.13	86.0	275.9	2.2	3.1	13.4
27	16.7	2.2	8.6	62	36	47	63	39	49	51	-7.1	-5.1	3.9	5.9	16	0		0.00	0.0	29.08	209.4	65.1	2.2	3.0	17.5
28	18.4	6.0	11.3	65	43	52	65	46	54	56	-1.7	0.3	9.5	10.0	11	0	F, R	0.24	0.0	28.78	70.3	36.7	1.0	2.5	14.8
29	12.6	9.9	11.3	55	50	52	56	51	53	54	-2.2	-1.2	11.1	10.8	12	0	F, R	0.21	0.0	28.66	38.8	219.1	2.0	2.8	11.8
30	13.2	10.0	11.5	56	50	53	56	51	53	54	-1.8	-0.8	11.3	10.8	12	0	F, R	0.27	0.0	28.77	42.9	224.5	4.1	4.2	16.0
31	15.6	9.3	12.3	60	49	54	59	50	54	55	-0.6	0.4	9.6	10.2	11	0		0.00	0.0	29.12	92.5	252.0	3.0	3.3	20.3
Avg/Sum	22.0	11.6	16.1	71.6	52.9	60.9	72.1	54.8	62.5	63.7	2.8	3.9	13.3	14.4	155.0	77.0	F, R, TS	5.87	0.0	29.17	143.2		1.7	2.5	15.3
Max	28.2	19.0	21.7	82.8	66.2	71.0	83.0	67.0	73.0	74.0	12.8	13.8	19.3	19.8	16.0	8.0		1.43	0.0	29.38	228.8		4.8	5.1	26.6
Min	12.6	2.2	8.6	54.7	36.0	47.5	56.0	39.0	49.0	51.0	-7.4	-5.4	3.9	5.9	0.0	0.0		0.00	0.0	28.66	31.3		0.1	1.6	8.1