

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 910 ft. Lat: 35.3697° N Lon: 84.3000° W
Station: **TELLICO PLAINS, TN US USC00408886**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	50.5	27.9	39.2	4.0	4.1	3.9	9.8	5.6	1.9	0.2	0.0	0.0	499.3	557.1	646.4	799.8	0.0	0.0	16.4	2.3	21.1	0.0
02	55.3	31.2	43.2	4.8	4.4	4.4	16.9	11.0	5.3	1.1	0.0	0.0	345.9	396.0	474.3	610.1	0.0	0.0	19.1	0.7	17.1	0.0
03	63.9	37.3	50.6	4.5	3.8	3.9	62.2	42.1	21.5	4.6	0.5	0.1	198.6	240.5	313.0	451.1	0.0	0.0	26.8	0.0	10.6	0.0
04	73.4	44.0	58.7	3.1	3.1	2.9	177.2	139.7	91.4	34.6	6.4	2.5	66.1	88.7	130.3	223.5	0.0	0.3	29.4	0.0	3.0	0.0
05	80.8	54.1	67.5	2.8	3.3	2.8	394.3	337.9	256.7	137.8	47.7	25.5	8.4	14.0	25.8	61.9	0.0	2.3	31.0	0.0	0.1	0.0
06	87.2	62.7	75.0	2.4	1.4	1.6	598.4	538.4	448.6	301.1	164.5	116.7	0.0	0.0	0.2	2.6	0.1	11.1	30.0	0.0	0.0	0.0
07	90.0	66.2	78.1	2.5	1.6	1.9	716.0	654.0	561.0	406.7	255.6	197.9	0.0	0.0	0.0	0.7	0.3	16.6	31.0	0.0	0.0	0.0
08	89.2	64.6	76.9	2.8	2.2	2.2	678.8	616.8	523.8	369.1	217.4	161.0	0.0	0.0	0.0	0.3	0.5	17.1	31.0	0.0	0.0	0.0
09	84.3	57.2	70.7	3.4	2.9	2.5	474.5	415.9	329.4	196.0	86.1	53.5	2.2	3.5	7.0	23.6	0.1	7.6	30.0	0.0	0.0	0.0
10	73.9	44.7	59.3	3.1	3.5	2.7	190.8	149.7	97.8	37.8	10.2	5.2	57.5	78.3	119.5	214.5	0.0	0.4	30.7	0.0	3.5	0.0
11	62.1	34.7	48.4	4.1	2.7	3.1	37.9	25.8	13.3	2.5	0.1	0.0	235.7	283.6	361.0	500.4	0.0	0.0	27.1	0.0	14.0	0.0
12	53.7	31.0	42.4	4.2	4.0	3.9	16.4	9.8	4.0	0.4	0.0	0.0	408.5	464.0	551.1	702.5	0.0	0.0	19.8	0.4	17.7	0.0
Summary	72.0	46.3	59.2	3.5	3.1	3.0	3373	2947	2355	1492	789	562	1822	2126	2629	3591	1.0	55.4	322.3	3.4	87.1	0.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75
01	4.63	8.7	7.2	3.4	1.2	3.33	4.51	5.51
02	4.86	10.3	8.8	3.9	1.2	2.85	3.91	7.11
03	4.91	9.4	8.0	4.1	1.5	3.46	4.48	5.31
04	4.80	8.6	7.7	3.5	1.7	3.45	4.41	5.74
05	4.92	9.6	8.1	3.2	1.1	3.37	4.55	5.88
06	4.48	9.9	8.4	3.2	0.9	3.07	3.95	6.11
07	5.34	11.6	9.6	4.1	1.5	3.80	5.03	6.51
08	4.14	9.5	7.7	3.0	1.0	2.50	4.27	5.64
09	4.08	7.0	5.5	2.9	1.6	2.39	3.79	5.48
10	3.15	6.3	5.2	2.2	1.1	1.58	3.00	4.60
11	4.76	7.5	6.3	3.3	1.4	3.18	4.26	6.08
12	5.18	10.0	8.3	3.9	1.7	3.25	5.48	6.60
Summary	55.25	108.4	90.8	40.7	15.9	36.23	51.64	70.57

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	1.00	0.8	0.7	0.1	0.0	0.0	0.7	0.2	0.0	0.0	0.00	0.50	1.40
02	1.30	0.6	0.4	0.2	0.1	0.0	0.4	0.3	0.1	0.1	0.00	0.00	0.00
03	0.30	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
04	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.10	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
12	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	2.8	1.7	1.3	0.4	0.1	0.0	1.2	0.5	0.1	0.1	0.0	0.5	1.4

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	120.5	158.9	348.3	563.4	850.9	1048.3	1180.9	1143.7	922.2	599.8	275.7	162.3
45	62.7	86.4	228.5	420.1	695.9	898.3	1025.9	988.6	772.2	451.0	164.5	88.3
50	28.5	41.0	130.9	288.8	542.0	748.4	871.0	833.7	622.6	311.6	84.3	41.9
55	9.8	16.9	62.2	177.2	394.3	598.4	716.0	678.8	474.5	190.8	37.9	16.4
60	1.9	5.3	21.5	91.4	256.7	448.6	561.0	523.8	329.4	97.8	13.3	4.0
Growing Degree Units for Corn (Monthly)												
50/86	78.6	111.3	225.2	370.4	559.4	706.8	798.2	772.4	608.5	398.9	196.1	103.6

Growing Degree Units (Accumulated Monthly)												
40	120	279	628	1191	2042	3090	4271	5415	6337	6937	7213	7375
45	63	149	378	798	1494	2392	3418	4406	5179	5630	5794	5882
50	28	70	200	489	1031	1780	2651	3484	4107	4419	4503	4545
55	10	27	89	266	660	1259	1975	2654	3128	3319	3357	3373
60	2	7	29	120	377	825	1386	1910	2240	2337	2351	2355
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	79	190	415	786	1345	2052	2850	3622	4231	4630	4826	4929

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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