

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 2419 ft. Lat: 36.4739° N Lon: 81.8033° W

Station: MTN CITY 2, TN US USC00406292

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	45.5	23.0	34.2	3.9	4.3	3.9	1.6	0.7	0.2	0.0	0.0	0.0	644.6	705.9	798.4	953.2	0.0	0.0	11.8	5.1	24.9	1.4
02	48.8	25.4	37.1	5.0	3.4	3.9	2.1	0.9	0.2	0.0	0.0	0.0	503.2	558.1	641.4	781.2	0.0	0.0	13.8	3.3	22.1	0.3
03	56.7	31.3	44.0	4.7	2.7	3.5	16.3	9.3	3.2	0.1	0.0	0.0	357.3	412.3	499.1	651.0	0.0	0.0	22.1	1.2	18.5	0.0
04	66.8	39.2	53.0	3.4	2.3	2.6	80.2	55.1	27.8	5.3	0.3	0.1	140.2	175.1	237.8	365.3	0.0	0.0	27.7	0.0	8.4	0.0
05	73.9	48.6	61.3	3.3	3.0	2.9	227.5	180.6	117.2	40.4	5.7	1.5	33.8	48.9	78.5	156.7	0.0	0.0	30.8	0.0	1.3	0.0
06	79.9	56.4	68.1	2.2	1.9	1.8	396.8	338.6	253.5	126.0	36.6	16.5	2.3	4.2	9.0	31.5	0.0	0.4	30.0	0.0	0.0	0.0
07	82.0	60.4	71.2	2.5	2.0	2.0	502.2	440.3	347.7	199.5	75.8	40.7	0.0	0.1	0.5	7.3	0.0	1.4	31.0	0.0	0.0	0.0
08	81.4	59.2	70.3	2.3	2.1	1.9	474.4	412.7	320.8	174.6	58.6	29.5	0.2	0.5	1.6	10.3	0.0	0.9	31.0	0.0	0.0	0.0
09	76.9	52.5	64.7	3.3	2.6	2.5	301.0	247.9	173.9	74.3	17.7	6.7	10.1	16.9	32.9	83.3	0.0	0.2	30.0	0.0	0.3	0.0
10	68.2	40.9	54.5	2.7	3.7	2.6	99.1	70.8	38.3	10.6	1.9	0.8	113.0	146.8	207.2	334.5	0.0	0.1	29.8	0.0	7.5	0.0
11	58.0	31.2	44.6	5.0	3.0	3.6	20.4	12.8	5.2	0.9	0.0	0.0	332.3	384.7	467.1	612.9	0.0	0.0	22.6	0.9	19.6	0.0
12	48.9	26.3	37.6	4.9	3.9	4.2	3.6	1.8	0.5	0.0	0.0	0.0	542.9	603.2	694.8	849.4	0.0	0.0	15.0	2.8	23.7	0.2
Summary	65.6	41.2	53.4	3.6	2.9	3.0	2125	1772	1288	632	197	96	2680	3057	3668	4837	0.0	3.0	295.6	13.3	126.3	1.9

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	3.74	9.0	7.0	2.6	1.0	2.22	3.32	4.84
02	3.36	9.4	7.2	2.7	0.8	2.36	3.02	3.99
03	4.09	10.0	8.0	3.0	1.0	3.21	3.72	4.67
04	4.33	9.5	7.3	3.0	1.1	3.26	4.16	5.22
05	5.15	11.8	8.6	3.9	1.2	3.57	4.53	7.12
06	4.48	11.7	8.8	3.1	1.0	3.29	4.29	5.17
07	5.03	11.5	8.9	3.6	1.2	3.65	4.60	6.36
08	4.16	10.0	7.8	3.0	1.1	2.98	3.81	5.31
09	3.26	8.2	5.7	1.9	0.9	1.87	3.21	4.20
10	2.81	6.8	4.9	1.9	0.7	1.62	2.39	4.07
11	2.89	7.3	5.2	2.1	0.8	1.95	3.22	3.67
12	3.89	9.0	7.3	2.6	0.7	2.37	3.50	5.11
Summary	47.19	114.2	86.7	33.4	11.5	32.35	43.77	59.73

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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	3.40	1.5	1.0	0.4	0.0	0.0					0.60	3.60	5.70
02	5.00	1.7	1.3	0.4	0.3	0.0					0.30	2.20	4.90
03	1.10	0.7	0.6	0.2	0.1	0.1					0.00	0.00	0.90
04	0.10	0.1	0.1	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					0.00	0.00	0.00
06	0.00	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					0.00	0.00	0.00
08	0.00	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					0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	0.40	0.3	0.2	0.0	0.0	0.0					0.00	0.00	0.00
12	2.00	0.8	0.6	0.2	0.2	0.0					0.00	0.00	3.60
Summary	12.0	5.1	3.8	1.2	0.6	0.1	0.0	0.0	0.0	0.0	0.9	5.8	15.1

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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	61.4	73.3	197.1	401.6	658.8	844.4	967.1	939.2	740.9	457.1	199.4	90.0
45	24.1	30.4	106.8	272.9	505.6	694.4	812.1	784.2	591.1	315.7	110.0	40.4
50	7.4	9.8	47.4	163.1	359.1	544.7	657.1	629.2	443.0	192.5	51.4	14.4
55	1.6	2.1	16.3	80.2	227.5	396.8	502.2	474.4	301.0	99.1	20.4	3.6
60	0.2	0.2	3.2	27.8	117.2	253.5	347.7	320.8	173.9	38.3	5.2	0.5
Growing Degree Units for Corn (Monthly)												
50/86	44.7	62.0	141.9	264.1	408.6	549.9	650.5	624.9	470.4	299.1	150.4	63.6

Growing Degree Units (Accumulated Monthly)												
40	61	135	332	733	1392	2237	3204	4143	4884	5341	5540	5630
45	24	54	161	434	940	1634	2446	3230	3822	4137	4247	4288
50	7	17	65	228	587	1132	1789	2418	2861	3053	3105	3119
55	2	4	20	100	328	724	1227	1701	2002	2101	2122	2125
60	0	0	4	31	149	402	750	1071	1244	1283	1288	1288
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	45	107	249	513	921	1471	2122	2747	3217	3516	3666	3730

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