

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 365 ft. Lat: 36.2350° N Lon: 88.0908° W
Station: **BIG SANDY, TN US USC00400705**

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	47.0	29.2	38.1	3.9	4.6	4.1	10.7	6.3	2.4	0.4	0.0	0.0	534.3	591.9	681.0	834.2	0.0	0.0	14.8	3.3	20.3	0.2
02	52.0	32.5	42.3	4.8	4.2	4.4	19.3	12.6	5.7	1.0	0.1	0.0	376.2	425.6	502.6	638.0	0.0	0.0	16.2	1.5	15.9	0.1
03	61.8	38.9	50.4	4.4	3.6	3.9	69.7	51.0	29.2	8.9	1.5	0.6	213.9	257.1	328.4	463.0	0.0	0.0	26.2	0.1	10.0	0.0
04	71.5	47.1	59.3	2.9	3.5	3.1	190.8	151.8	102.1	44.1	12.3	5.7	61.8	82.8	123.1	215.1	0.0	0.2	29.6	0.0	2.2	0.0
05	78.6	57.4	68.0	2.4	3.3	2.7	407.7	349.5	267.5	148.6	61.5	36.9	4.7	8.6	19.5	55.6	0.0	1.2	31.0	0.0	0.0	0.0
06	85.5	65.8	75.7	2.1	2.5	2.1	619.4	559.3	469.5	321.3	182.2	132.9	0.0	0.0	0.1	1.8	0.1	10.7	30.0	0.0	0.0	0.0
07	88.4	69.3	78.9	2.1	2.1	2.0	739.2	677.2	584.2	429.3	276.1	217.0	0.0	0.0	0.0	0.0	0.3	17.5	31.0	0.0	0.0	0.0
08	88.0	67.6	77.8	2.9	2.3	2.3	706.6	644.6	551.6	397.1	246.2	189.1	0.0	0.0	0.0	0.3	0.8	14.5	31.0	0.0	0.0	0.0
09	82.3	60.4	71.4	3.2	2.4	2.4	491.9	433.1	346.9	214.8	104.7	70.0	1.6	2.8	6.6	24.4	0.1	7.2	30.0	0.0	0.0	0.0
10	71.7	48.3	60.0	2.9	2.7	2.2	205.0	163.9	110.9	47.8	14.4	7.6	50.0	70.8	110.9	202.8	0.0	0.3	30.9	0.0	2.3	0.0
11	60.3	38.4	49.3	4.4	3.7	3.7	50.1	35.1	18.5	4.4	0.3	0.0	219.6	264.5	337.9	473.9	0.0	0.0	25.9	0.0	10.6	0.0
12	49.9	31.8	40.8	4.1	3.8	3.8	13.2	8.4	3.6	0.6	0.0	0.0	451.7	508.8	597.0	749.2	0.0	0.0	16.5	1.1	18.3	0.0
Summary	69.7	48.9	59.3	3.3	3.2	3.1	3524	3093	2492	1618	899	660	1914	2213	2707	3658	1.3	51.6	313.1	6.0	79.6	0.3

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	3.98	10.6	6.4	2.9	1.3	2.71	4.04	4.70
02	4.65	11.1	7.2	3.7	1.6	2.93	3.94	4.94
03	4.64	12.2	8.0	3.0	0.9	2.91	4.13	5.61
04	5.06	11.6	7.9	3.6	1.4	3.10	4.52	6.30
05	5.32	11.1	7.3	3.6	1.6	3.37	5.26	7.00
06	3.76	9.1	6.1	2.5	0.9	1.79	2.86	4.83
07	4.14	9.0	6.4	2.9	1.3	2.31	4.07	5.41
08	3.11	9.1	5.9	2.6	0.9	0.96	3.12	5.24
09	3.30	6.9	4.1	2.1	1.3	1.00	2.40	5.05
10	3.86	8.5	5.5	2.4	1.3	2.72	3.46	4.96
11	4.75	9.8	6.8	2.9	1.7	2.90	4.26	5.97
12	5.22	11.7	7.9	3.6	1.5	3.71	4.89	6.13
Summary	51.79	120.7	79.5	35.8	15.7	30.41	46.95	66.14

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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	1.80	0.8	0.6	0.2	0.0	0.0					0.00	0.60	2.40
02	1.00	0.6	0.5	0.1	0.0	0.0					0.00	0.00	0.00
03	0.40	0.1	0.0	0.0	0.0	0.0					0.00	0.00	0.00
04	0.30	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					0.00	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	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
12	0.60	0.2	0.1	0.0	0.0	0.0					0.00	0.00	0.00
Summary	4.1	1.7	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.4

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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	110.5	154.4	343.6	580.8	868.0	1069.3	1204.2	1171.6	940.3	620.5	305.0	139.5
45	58.0	89.2	225.9	437.0	713.0	919.4	1049.2	1016.6	790.4	469.2	191.6	73.0
50	27.8	45.3	133.5	304.5	558.6	769.4	894.2	861.6	640.7	327.9	106.4	34.0
55	10.7	19.3	69.7	190.8	407.7	619.4	739.2	706.6	491.9	205.0	50.1	13.2
60	2.4	5.7	29.2	102.1	267.5	469.5	584.2	551.6	346.9	110.9	18.5	3.6
Growing Degree Units for Corn (Monthly)												
50/86	60.1	92.8	212.2	367.3	569.2	743.2	842.6	810.8	631.2	388.1	183.3	72.2
Growing Degree Units (Accumulated Monthly)												
40	110	265	608	1189	2057	3127	4331	5502	6443	7063	7368	7508
45	58	147	373	810	1523	2442	3492	4508	5299	5768	5960	6032
50	28	73	207	511	1070	1839	2733	3595	4236	4564	4670	4704
55	11	30	100	290	698	1318	2057	2763	3255	3460	3510	3524
60	2	8	37	139	407	876	1461	2012	2359	2470	2488	2492
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	60	153	365	732	1302	2045	2887	3698	4329	4718	4901	4973

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