

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 330 ft. Lat: 35.5894° N Lon: 89.2586° W
Station: **BROWNSVILLE, TN US USC00401145**

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	48.1	29.9	39.0	3.7	3.9	3.7	10.4	6.8	2.9	0.6	0.0	0.0	506.2	564.6	653.7	806.4	0.0	0.0	13.8	3.6	19.6	0.0
02	52.9	33.3	43.1	4.7	3.9	4.2	18.8	12.4	5.9	1.2	0.1	0.0	351.9	401.5	479.1	614.4	0.0	0.0	16.5	1.5	14.4	0.0
03	61.8	41.0	51.4	4.6	4.3	4.3	81.8	60.5	36.1	11.8	2.6	1.0	193.4	234.1	302.7	433.4	0.0	0.0	25.8	0.2	7.2	0.0
04	72.0	50.0	61.0	3.2	3.5	3.2	228.4	185.6	129.1	58.5	17.9	9.2	48.4	65.6	99.1	178.5	0.0	0.1	29.3	0.0	0.9	0.0
05	80.3	60.1	70.2	2.5	2.8	2.5	472.8	413.0	326.8	197.1	93.8	61.9	1.6	3.8	10.6	35.9	0.0	2.0	31.0	0.0	0.0	0.0
06	87.6	68.1	77.8	2.3	1.9	1.9	685.3	625.4	535.5	386.6	242.9	188.8	0.0	0.0	0.1	1.2	0.1	11.9	30.0	0.0	0.0	0.0
07	90.7	71.3	81.0	2.2	1.9	2.0	805.9	743.9	650.9	496.0	341.4	280.5	0.0	0.0	0.0	0.0	0.4	19.0	31.0	0.0	0.0	0.0
08	90.1	69.6	79.9	3.1	2.5	2.7	770.2	708.2	615.2	460.4	307.9	248.7	0.0	0.0	0.0	0.2	0.9	16.6	31.0	0.0	0.0	0.0
09	84.6	62.2	73.4	2.9	2.6	2.4	552.3	493.0	405.1	266.7	147.8	108.4	0.5	1.1	3.3	14.8	0.0	7.0	30.0	0.0	0.0	0.0
10	73.8	50.0	61.9	3.0	2.8	2.3	251.8	205.8	144.9	68.2	22.8	12.9	37.8	53.9	86.1	164.3	0.0	0.4	30.8	0.0	0.6	0.0
11	61.2	39.7	50.5	4.6	3.8	3.9	64.6	45.9	25.6	7.3	1.2	0.4	201.0	242.3	312.0	443.7	0.0	0.0	24.9	0.1	7.9	0.0
12	51.4	33.1	42.3	3.7	3.6	3.5	16.0	10.5	4.9	0.8	0.0	0.0	411.1	467.5	554.9	706.0	0.0	0.0	16.8	1.2	16.2	0.0
Summary	71.2	50.7	61.0	3.4	3.1	3.0	3958	3511	2883	1955	1178	912	1752	2034	2502	3399	1.4	57.0	310.9	6.6	66.8	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	4.19	10.4	6.9	3.3	1.1	2.97	4.28	5.18
02	4.95	9.7	7.2	3.7	1.5	2.74	3.83	5.97
03	5.56	10.7	8.1	3.7	1.7	4.04	4.57	6.65
04	5.15	9.7	7.3	3.6	1.6	3.26	5.30	6.05
05	6.00	10.3	8.0	3.9	1.7	3.60	4.78	7.95
06	4.68	8.7	6.7	3.3	1.4	3.24	3.76	5.88
07	4.13	8.0	6.2	2.8	1.2	2.13	3.68	5.45
08	3.32	6.5	4.7	2.3	1.0	1.45	3.03	5.03
09	3.85	6.6	4.7	2.4	1.3	1.69	4.01	4.78
10	3.80	7.3	5.6	2.6	1.2	2.28	3.35	4.73
11	4.71	9.0	6.6	3.1	1.3	2.73	3.63	6.05
12	5.78	10.7	8.0	3.9	1.8	4.00	5.28	6.84
Summary	56.12	107.6	80.0	38.6	16.8	34.13	49.50	70.56

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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	0.80	0.9	0.4	0.1	0.0	0.0	1.3	0.1	0.0	0.0	0.00	0.00	1.30
02	0.80	0.7	0.5	0.1	0.0	0.0	0.7	0.1	0.0	0.0	0.00	0.00	1.00
03	0.40	0.1	0.1	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.00
04	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.10	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
Summary	2.2	1.9	1.0	0.3	0.0	0.0	2.5	0.3	0.0	0.0	0.0	0.0	2.3

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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	117.3	167.9	376.0	631.6	936.2	1135.3	1270.9	1235.1	1001.8	679.8	335.5	158.7
45	59.7	96.7	253.7	487.0	781.2	985.3	1115.9	1080.1	851.8	527.5	219.7	85.4
50	27.0	47.7	153.6	350.4	626.4	835.4	960.9	925.2	701.9	381.9	127.9	40.3
55	10.4	18.8	81.8	228.4	472.8	685.3	805.9	770.2	552.3	251.8	64.6	16.0
60	2.9	5.9	36.1	129.1	326.8	535.5	650.9	615.2	405.1	144.9	25.6	4.9
Growing Degree Units for Corn (Monthly)												
50/86	67.0	98.9	219.0	390.9	622.4	787.9	880.7	850.4	674.7	428.4	198.4	87.3
Growing Degree Units (Accumulated Monthly)												
40	117	285	661	1293	2229	3364	4635	5870	6872	7552	7887	8046
45	60	156	410	897	1678	2664	3780	4860	5711	6239	6459	6544
50	27	75	228	579	1205	2040	3001	3927	4628	5010	5138	5179
55	10	29	111	339	812	1498	2303	3074	3626	3878	3942	3958
60	3	9	45	174	501	1036	1687	2302	2707	2852	2878	2883
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	67	166	385	776	1398	2186	3067	3917	4592	5020	5219	5306

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