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

Summary of Monthly Normals
1991-2020

Generated on 11/11/2026

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

Current Location: Elev: 600 ft. Lat: 36.1189° N Lon: 86.6892° W

Station: **NASHVILLE INTL AP, TN US USW00013897**

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	49.1	30.1	39.6	4.0	4.3	4.1	12.1	7.8	3.3	0.3	0.0	0.0	489.3	546.9	635.5	787.5	0.0	0.0	14.3	3.3	18.8	0.1
02	53.8	33.0	43.4	4.5	4.1	4.2	19.3	12.6	6.0	1.3	0.1	0.0	344.0	393.3	470.7	606.1	0.0	0.0	16.9	1.4	14.2	0.1
03	62.7	40.2	51.5	4.3	3.6	3.8	77.4	56.7	33.2	10.6	1.4	0.5	187.4	228.8	298.2	430.7	0.0	0.0	26.0	0.1	7.4	0.0
04	72.6	48.9	60.8	3.0	2.9	2.9	217.0	175.2	120.1	52.2	14.2	6.7	44.5	62.7	97.6	179.7	0.0	0.1	29.3	0.0	0.9	0.0
05	80.4	58.3	69.3	2.8	3.2	2.9	446.8	387.4	302.1	176.7	80.8	51.5	2.0	4.6	12.2	41.9	0.0	2.0	31.0	0.0	0.0	0.0
06	87.7	66.4	77.1	2.6	1.9	2.0	661.4	601.4	511.5	362.8	220.9	168.1	0.0	0.0	0.1	1.3	0.1	10.8	30.0	0.0	0.0	0.0
07	90.9	70.5	80.7	2.3	1.9	1.9	796.6	734.6	641.6	486.7	332.0	270.8	0.0	0.0	0.0	0.0	0.4	18.2	31.0	0.0	0.0	0.0
08	90.4	69.0	79.7	3.0	2.1	2.4	765.6	703.6	610.6	455.8	302.2	242.2	0.0	0.0	0.0	0.1	0.6	15.9	31.0	0.0	0.0	0.0
09	84.4	61.8	73.1	3.1	2.5	2.5	543.4	483.9	396.0	257.3	138.3	98.9	0.5	1.0	3.1	14.4	0.0	6.8	30.0	0.0	0.0	0.0
10	73.5	49.9	61.7	2.7	2.6	2.2	241.7	195.7	135.9	62.2	20.3	11.7	34.0	50.0	83.2	164.6	0.0	0.4	30.7	0.0	0.7	0.0
11	61.4	39.2	50.3	4.2	3.5	3.6	56.2	39.5	21.7	6.0	0.9	0.3	197.1	240.3	312.6	446.9	0.0	0.0	25.2	0.0	8.4	0.0
12	52.2	33.3	42.7	4.4	4.0	4.1	18.4	12.2	5.9	1.1	0.0	0.0	398.0	453.8	540.6	690.8	0.0	0.0	17.3	1.4	15.8	0.0
Summary	71.6	50.1	60.8	3.4	3.0	3.1	3856	3411	2788	1873	1111	851	1697	1981	2454	3364	1.1	54.2	312.7	6.2	66.2	0.2

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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	4.02	10.8	6.6	2.8	0.9	2.93	3.76	4.72
02	4.47	10.9	7.2	3.0	1.2	2.58	3.55	5.51
03	4.52	11.6	8.0	3.2	1.0	3.39	4.28	4.83
04	4.72	11.2	7.5	3.0	1.5	3.34	4.50	6.32
05	5.02	11.6	7.8	3.0	1.3	3.36	4.42	5.54
06	4.36	10.7	7.0	2.8	1.3	3.35	3.92	5.03
07	4.16	10.3	6.7	2.8	1.2	2.78	3.94	5.60
08	3.79	9.4	5.7	2.8	1.1	2.04	3.46	5.01
09	3.80	7.8	5.1	2.5	1.1	1.88	3.69	5.35
10	3.36	8.4	5.6	2.5	0.9	2.08	3.24	4.57
11	3.86	9.0	5.9	2.6	1.1	2.62	4.05	5.18
12	4.43	11.4	7.6	3.2	1.0	3.20	4.13	5.71
Summary	50.51	123.1	80.7	34.2	13.6	33.55	46.94	63.37

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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	2.00	2.0	0.5	0.2	0.1	0.0	1.4	0.6	0.3	0.0	0.00	0.40	2.40
02	1.50	1.9	0.5	0.1	0.0	0.0	1.1	0.2	0.0	0.0	0.10	1.10	2.10
03	0.70	0.9	0.3	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.00	0.30	1.00
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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.40	0.5	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.30
Summary	4.7	5.5	1.4	0.3	0.1	0.0	3.1	0.9	0.3	0.0	0.1	1.8	5.8

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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	130.2	170.6	373.7	623.2	909.8	1111.3	1261.5	1230.5	992.8	673.2	327.1	169.6
45	68.4	96.2	248.7	477.4	754.8	961.3	1106.5	1075.5	842.8	520.2	210.2	94.0
50	31.4	47.2	149.2	339.2	599.9	811.4	951.6	920.6	692.9	374.0	118.7	45.9
55	12.1	19.3	77.4	217.0	446.8	661.4	796.6	765.6	543.4	241.7	56.2	18.4
60	3.3	6.0	33.2	120.1	302.1	511.5	641.6	610.6	396.0	135.9	21.7	5.9
Growing Degree Units for Corn (Monthly)												
50/86	73.4	104.3	225.0	389.2	597.1	761.9	868.9	842.4	664.1	421.1	196.1	93.2

Growing Degree Units (Accumulated Monthly)

40	130	301	674	1298	2208	3319	4580	5811	6804	7477	7804	7974
45	68	165	413	891	1646	2607	3713	4789	5632	6152	6362	6456
50	31	79	228	567	1167	1978	2930	3850	4543	4917	5036	5082
55	12	31	109	326	773	1434	2231	2996	3540	3781	3837	3856
60	3	9	42	163	465	976	1618	2228	2624	2760	2782	2788
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	73	178	403	792	1389	2151	3020	3862	4526	4947	5144	5237

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

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