

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 1110 ft. Lat: 36.2131° N Lon: 84.0603° W

Station: NORRIS, TN US USC00406619

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	44.4	25.2	34.8	4.1	4.3	4.1	1.3	0.5	0.1	0.0	0.0	0.0	627.3	688.5	781.1	936.1	0.0	0.0	10.7	3.9	22.9	0.3
02	49.8	27.8	38.8	4.4	3.8	3.9	3.6	1.8	0.4	0.0	0.0	0.0	457.2	511.4	594.0	733.6	0.0	0.0	15.3	1.5	19.5	0.1
03	59.6	33.3	46.5	4.8	3.4	3.9	27.6	17.2	7.4	0.9	0.0	0.0	292.6	344.2	427.4	576.0	0.0	0.0	24.9	0.3	14.8	0.0
04	70.1	41.1	55.6	3.1	2.6	2.6	116.1	85.0	48.1	11.7	0.9	0.2	98.1	127.0	180.1	293.7	0.0	0.1	29.0	0.0	5.4	0.0
05	77.0	50.9	64.0	2.9	3.2	2.8	292.7	239.7	167.2	70.6	14.0	4.5	15.3	24.3	44.7	103.2	0.0	0.2	31.0	0.0	0.4	0.0
06	82.7	59.4	71.1	2.2	1.9	1.7	481.5	421.7	333.3	191.8	74.8	41.0	0.1	0.3	1.9	10.4	0.0	3.2	30.0	0.0	0.0	0.0
07	85.1	63.4	74.2	2.4	1.9	1.8	596.7	534.7	441.7	287.5	141.2	90.7	0.0	0.0	0.0	0.7	0.1	6.1	31.0	0.0	0.0	0.0
08	84.5	62.5	73.5	2.4	2.5	2.1	573.4	511.4	418.5	264.4	120.7	73.6	0.0	0.0	0.0	1.0	0.0	4.9	31.0	0.0	0.0	0.0
09	79.8	56.3	68.0	3.2	2.4	2.3	393.9	336.2	252.8	130.6	42.6	21.1	2.6	4.9	11.4	39.1	0.0	2.2	30.0	0.0	0.0	0.0
10	69.5	43.8	56.6	2.8	3.1	2.3	129.8	96.0	55.4	16.0	3.3	1.5	78.6	106.7	159.2	274.8	0.0	0.1	30.5	0.0	3.0	0.0
11	57.4	33.8	45.6	4.4	2.7	3.3	17.0	10.6	4.4	0.4	0.0	0.0	298.9	352.5	436.3	582.4	0.0	0.0	23.9	0.1	13.9	0.0
12	47.5	28.7	38.1	4.4	3.8	3.9	3.5	1.9	0.5	0.0	0.0	0.0	527.4	587.7	679.3	833.9	0.0	0.0	14.4	1.5	20.8	0.0
Summary	67.3	43.9	55.6	3.4	3.0	2.9	2637	2257	1730	974	398	233	2398	2748	3315	4385	0.1	16.8	301.7	7.3	100.7	0.4

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	5.11	12.4	8.0	3.9	1.4	3.88	4.71	6.92	
02	5.35	11.9	8.2	3.5	1.7	2.88	3.98	6.92	
03	5.48	12.5	8.7	3.9	1.5	3.95	5.16	6.33	
04	5.75	11.2	7.9	3.7	1.5	3.96	4.67	7.59	
05	4.31	12.1	8.1	2.9	1.1	2.90	4.07	5.01	
06	4.87	13.0	8.8	3.3	1.2	3.17	5.09	6.23	
07	5.38	13.0	9.4	3.5	1.3	3.85	5.44	6.59	
08	4.27	10.1	6.7	2.8	1.2	2.93	3.86	5.60	
09	4.06	8.3	5.5	2.4	1.2	2.55	3.65	5.51	
10	3.37	8.4	5.5	2.3	0.8	1.71	2.87	4.48	
11	4.03	9.2	6.4	2.8	1.4	2.78	3.99	5.20	
12	5.69	11.6	8.4	3.9	1.7	3.40	5.31	7.85	
Summary	57.67	133.7	91.6	38.9	16.0	37.96	52.80	74.23	

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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	1.10	0.7	0.4	0.2	0.1	0.0	0.7	0.2	0.0	0.0	0.00	0.20	1.80
02	1.50	0.6	0.4	0.2	0.0	0.0	1.2	0.5	0.1	0.0	0.00	0.00	1.50
03	0.10	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.1	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	0.00	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	0.40	0.2	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
Summary	3.1	1.6	1.0	0.5	0.1	0.0	2.3	0.9	0.2	0.0	0.0	0.2	3.3

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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	56.5	85.3	242.8	472.5	742.5	931.4	1061.7	1038.4	841.3	518.0	207.7	83.8
45	22.0	36.6	140.8	334.1	588.0	781.4	906.7	883.4	691.4	370.6	111.3	36.6
50	7.0	12.6	69.4	212.9	436.2	631.4	751.7	728.4	541.7	237.3	49.4	13.1
55	1.3	3.6	27.6	116.1	292.7	481.5	596.7	573.4	393.9	129.8	17.0	3.5
60	0.1	0.4	7.4	48.1	167.2	333.3	441.7	418.5	252.8	55.4	4.4	0.5
Growing Degree Units for Corn (Monthly)												
50/86	31.5	61.4	173.4	314.6	476.8	623.1	731.9	711.6	549.0	326.1	134.6	44.5

Growing Degree Units (Accumulated Monthly)												
40	56	142	385	857	1600	2531	3593	4631	5472	5990	6198	6282
45	22	59	199	534	1122	1903	2810	3693	4384	4755	4866	4903
50	7	20	89	302	738	1370	2121	2850	3391	3629	3678	3691
55	1	5	32	149	441	923	1520	2093	2487	2617	2634	2637
60	0	0	8	56	223	556	998	1417	1670	1725	1729	1730
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	32	93	266	581	1058	1681	2413	3124	3673	3999	4134	4178

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

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