

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 400 ft. Lat: 35.7178° N Lon: 89.4986° W
Station: **RIPLEY, TN US USC00407710**

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	47.7	29.4	38.5	3.7	4.1	3.7	8.3	4.9	2.0	0.2	0.0	0.0	517.9	576.6	666.7	819.9	0.0	0.0	13.3	4.0	19.6	0.0
02	53.0	33.2	43.1	5.3	4.2	4.6	17.1	11.1	5.0	0.7	0.0	0.0	350.3	400.3	478.2	613.9	0.0	0.0	17.0	2.0	14.0	0.0
03	61.1	40.2	50.6	4.4	3.8	4.0	67.5	48.1	26.5	7.3	0.9	0.4	202.3	244.8	316.3	452.1	0.0	0.0	25.1	0.4	8.3	0.0
04	71.6	49.4	60.5	3.1	3.2	3.0	210.4	167.2	112.4	47.3	13.0	6.2	45.5	62.3	97.5	182.4	0.0	0.0	29.4	0.0	0.5	0.0
05	79.9	58.7	69.3	2.3	3.4	2.7	446.2	387.2	301.6	175.3	77.8	49.3	2.9	5.9	13.3	42.0	0.0	1.1	31.0	0.0	0.0	0.0
06	87.0	66.7	76.8	2.0	1.5	1.6	655.3	595.4	505.4	356.7	215.0	162.5	0.0	0.0	0.1	1.4	0.0	10.6	30.0	0.0	0.0	0.0
07	89.8	69.8	79.8	2.1	2.3	2.0	768.7	706.7	613.7	458.8	305.0	245.3	0.0	0.0	0.0	0.1	0.2	16.0	31.0	0.0	0.0	0.0
08	88.8	67.9	78.3	3.1	2.2	2.4	723.7	661.7	568.7	413.9	262.1	204.7	0.0	0.0	0.0	0.2	0.4	13.8	31.0	0.0	0.0	0.0
09	83.4	61.0	72.2	2.9	3.4	2.9	516.4	457.4	370.4	233.8	118.9	81.5	0.5	1.5	4.6	17.9	0.0	5.6	30.0	0.0	0.0	0.0
10	73.4	49.5	61.4	2.9	2.1	2.2	237.0	191.1	130.0	55.7	16.3	8.7	37.1	53.1	85.1	165.8	0.0	0.0	30.8	0.0	0.5	0.0
11	60.1	39.8	49.9	4.4	3.4	3.7	59.2	42.2	23.1	6.6	1.2	0.4	210.5	253.6	324.5	458.0	0.0	0.0	24.0	0.0	8.1	0.0
12	51.0	32.3	41.6	4.6	4.2	4.3	15.1	9.7	4.5	0.5	0.0	0.0	428.8	485.5	573.2	724.2	0.0	0.0	16.0	2.2	17.6	0.0
Summary	70.6	49.8	60.2	3.4	3.2	3.1	3725	3283	2663	1757	1010	759	1796	2084	2560	3478	0.6	47.1	308.6	8.6	68.6	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	4.15	8.6	5.8	3.0	1.0	2.90	3.93	4.73	
02	4.80	7.8	5.9	2.8	1.4	2.82	3.79	5.55	
03	5.10	10.4	7.9	3.6	1.5	4.16	4.50	5.56	
04	5.11	10.0	7.4	3.7	1.5	3.75	4.84	5.74	
05	7.20	10.7	8.1	4.8	2.5	4.90	7.28	9.06	
06	4.94	8.3	6.4	3.1	2.0	2.98	4.45	6.22	
07	4.52	8.1	5.9	3.1	1.6	2.75	3.98	6.26	
08	3.61	7.0	4.7	2.3	1.2	1.67	3.66	5.03	
09	3.50	6.3	4.2	2.0	1.1	1.54	3.27	5.04	
10	4.06	8.0	5.5	2.6	1.4	2.54	3.32	5.47	
11	4.57	8.0	6.1	3.0	1.5	2.67	3.88	5.73	
12	5.28	9.7	7.1	3.8	1.9	4.19	4.84	6.58	
Summary	56.84	102.9	75.0	37.8	18.6	36.87	51.74	70.97	

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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	0.90	0.8	0.4	0.1	0.0	0.0	0.5	0.2	0.1	0.0	0.00	0.10	0.50
02	0.40	0.3	0.2	0.0	0.0	0.0	0.3	0.3	0.2	0.0	0.00	0.00	0.00
03	1.10	0.4	0.2	0.1	0.1	0.1	0.0	0.0	0.0	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	0.00	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	2.4	1.9	0.8	0.2	0.1	0.1	0.8	0.5	0.3	0.0	0.0	0.1	0.5

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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	110.8	170.2	352.9	615.8	908.3	1105.1	1233.6	1188.5	965.7	666.7	322.4	151.1
45	54.5	95.2	231.9	470.2	753.3	955.2	1078.6	1033.6	815.7	514.9	209.1	79.8
50	23.4	44.1	134.5	332.6	598.8	805.2	923.6	878.6	665.8	368.6	119.9	37.9
55	8.3	17.1	67.5	210.4	446.2	655.3	768.7	723.7	516.4	237.0	59.2	15.1
60	2.0	5.0	26.5	112.4	301.6	505.4	613.7	568.7	370.4	130.0	23.1	4.5
Growing Degree Units for Corn (Monthly)												
50/86	62.8	100.1	201.6	374.2	598.3	762.6	852.8	817.9	648.1	414.5	183.2	83.1

Growing Degree Units (Accumulated Monthly)												
40	111	281	634	1250	2158	3263	4497	5685	6651	7318	7640	7791
45	54	150	382	852	1605	2560	3639	4672	5488	6003	6212	6292
50	23	68	202	535	1133	1939	2862	3741	4407	4775	4895	4933
55	8	25	93	303	750	1405	2174	2897	3414	3651	3710	3725
60	2	7	34	146	448	953	1567	2135	2506	2636	2659	2663
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	63	163	364	739	1337	2100	2952	3770	4418	4833	5016	5099

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