

Summary of Monthly Normals
1991-2020
 Generated on 01/19/2022

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	46	27	36.6	4	4	4	4	2	1	0	0	0	572	633	724	879	0.0	0.0	12.3	3.2	21	0
02	51	30	40.4	4	3	4	7	4	2	0	0	0	414	467	549	688	0.0	0.0	16.8	1.1	17	0
03	60	36	48.0	5	3	4	40	26	12	2	0	0	258	307	386	530	0.0	0.0	25.2	0.2	11	0
04	69	45	57.0	3	3	3	138	104	62	19	2	1	80	106	153	261	0.0	0.0	29.0	0.0	3	0
05	77	55	65.7	3	3	3	340	285	207	100	29	14	10	17	32	80	0.0	0.2	30.9	0.0	0	0
06	83	63	73.1	2	2	2	544	485	395	250	120	77	0	0	1	6	0.0	3.7	30.0	0.0	0	0
07	86	67	76.6	2	2	2	671	609	516	361	209	152	0	0	0	0	0.1	8.4	31.0	0.0	0	0
08	86	65	75.4	2	2	2	632	570	477	323	173	119	0	0	0	0	0.0	6.5	31.0	0.0	0	0
09	81	59	69.6	3	2	2	439	381	295	166	65	39	2	3	8	28	0.0	3.0	30.0	0.0	0	0
10	70	47	58.5	3	3	2	166	127	80	28	7	4	59	82	128	231	0.0	0.1	30.5	0.0	2	0
11	59	36	47.1	5	3	3	30	20	10	2	0	0	266	315	395	537	0.0	0.0	24.5	0.1	12	0
12	49	31	39.9	5	4	4	7	4	1	0	0	0	473	532	623	777	0.0	0.0	15.8	1.2	18	0
Summary	68.1	46.8	57.3	3.4	2.8	2.9	3018	2617	2058	1251	605	406	2134	2462	2999	4017	0.1	21.9	307.0	5.8	84.0	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	12	8	3	1	3	4	5
02	4	13	8	3	1	3	4	5
03	5	13	8	3	1	3	5	6
04	4	11	8	3	1	3	4	5
05	4	12	8	3	1	3	4	5
06	5	12	8	3	1	3	4	6
07	5	13	9	3	1	3	5	6
08	3	10	6	2	1	2	3	4
09	3	9	5	2	1	2	3	5
10	3	9	5	2	1	1	3	4
11	3	9	6	2	1	2	3	4
12	5	12	8	3	1	3	5	6
Summary	48.00	135.0	87.0	32.0	12.0	31.00	47.00	61.00

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U.S. Department of Commerce
 National Oceanic & Atmospheric Administration
 National Environmental Satellite, Data, and Information Service
 Current Location: Elev: 1344 ft. Lat: 36.2067° N Lon: -83.3325° W
 Station: MORRISTOWN RADIO WCRK, TN US USC00406271

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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	2	2	1	0	0	0					0	1	3
02	3	2	1	0	0	0					0	1	4
03	2	1	0	0	0	0					0	1	2
04	0	0	0	0	0	0					0	0	0
05	0	0	0	0	0	0					0	0	0
06	0	0	0	0	0	0					0	0	0
07	0	0	0	0	0	0					0	0	0
08	0	0	0	0	0	0					0	0	0
09	0	0	0	0	0	0					0	0	0
10	0	0	0	0	0	0					0	0	0
11	0	0	0	0	0	0					0	0	0
12	2	1	1	0	0	0					0	0	2
Summary	9.0	6.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	11.0

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	82	113	282	512	795	994	1136	1097	888	574	248	112
45	36	52	173	371	640	844	981	942	738	424	144	54
50	13	20	92	243	487	694	826	787	588	285	73	22
55	4	7	40	138	340	544	671	632	439	166	30	7
60	1	2	12	62	207	395	516	477	295	80	10	1
Growing Degree Units for Corn (Monthly)												
50/86	41	65	167	305	505	681	794	759	585	346	149	54

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	82	195	477	989	1784	2778	3914	5011	5899	6473	6721	6833
45	36	88	261	632	1272	2116	3097	4039	4777	5201	5345	5399
50	13	33	125	368	855	1549	2375	3162	3750	4035	4108	4130
55	4	11	51	189	529	1073	1744	2376	2815	2981	3011	3018
60	1	3	15	77	284	679	1195	1672	1967	2047	2057	2058
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	41	106	273	578	1083	1764	2558	3317	3902	4248	4397	4451

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

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