

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 940 ft. Lat: 35.6722° N Lon: 85.7811° W

Station: MC MINNVILLE, TN US USC00405882

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	50.6	31.2	40.9	4.1	4.6	4.2	15.9	10.1	4.4	0.7	0.0	0.0	452.9	509.1	596.4	747.7	0.0	0.0	16.6	2.5	17.7	0.1	
02	54.8	33.9	44.3	4.9	4.5	4.6	22.8	15.2	7.3	1.4	0.1	0.0	321.0	369.3	445.5	579.5	0.0	0.0	18.4	1.0	13.7	0.1	
03	63.1	40.4	51.7	4.4	4.0	4.1	81.8	59.8	34.6	10.6	1.7	0.4	182.6	222.6	290.3	421.4	0.0	0.0	26.7	0.2	8.8	0.0	
04	72.9	48.1	60.5	3.0	3.0	2.9	211.2	169.9	115.4	47.0	11.2	4.9	46.3	64.9	100.4	182.1	0.0	0.0	29.6	0.0	1.7	0.0	
05	79.4	56.5	68.0	2.8	3.1	2.8	406.0	347.8	264.8	143.4	52.3	28.3	4.5	8.4	18.4	51.9	0.0	0.7	31.0	0.0	0.0	0.0	
06	85.9	64.1	75.0	2.4	1.7	1.8	599.9	540.0	450.2	302.6	165.0	115.8	0.0	0.0	0.2	2.7	0.1	6.7	30.0	0.0	0.0	0.0	
07	88.6	67.8	78.2	2.3	1.7	1.8	719.1	657.1	564.1	409.1	255.3	195.6	0.0	0.0	0.0	0.0	0.1	12.3	31.0	0.0	0.0	0.0	
08	87.9	66.5	77.2	2.9	2.1	2.3	688.1	626.1	533.1	378.4	226.7	169.4	0.0	0.0	0.0	0.3	0.2	10.3	31.0	0.0	0.0	0.0	
09	82.8	60.3	71.5	3.2	2.4	2.4	497.1	438.0	350.9	215.1	101.4	65.8	0.7	1.6	4.4	18.6	0.0	4.1	30.0	0.0	0.0	0.0	
10	73.2	48.8	61.0	2.6	2.9	2.2	225.4	180.2	121.5	50.2	14.1	7.4	39.3	56.2	90.5	174.2	0.0	0.2	30.8	0.0	1.9	0.0	
11	62.0	38.8	50.4	4.3	3.4	3.5	58.3	41.4	23.0	5.7	0.6	0.2	196.2	239.4	310.9	443.6	0.0	0.0	26.1	0.0	10.0	0.0	
12	53.4	33.8	43.6	4.4	4.0	4.1	20.4	13.4	6.3	1.1	0.1	0.0	373.8	428.7	514.7	664.4	0.0	0.0	19.4	1.0	15.5	0.0	
Summary	71.2	49.2	60.2	3.4	3.1	3.1	3546	3099	2476	1565	828	588	1617	1900	2372	3286	0.4	34.3	320.6	4.7	69.3	0.2	

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	4.57	12.2	7.6	3.2	1.2	3.16	3.92	5.95
02	5.00	12.5	8.0	3.2	1.5	2.42	3.87	7.19
03	5.24	13.1	8.3	3.4	1.5	4.09	4.69	5.98
04	5.04	11.4	8.0	3.5	1.5	3.26	4.84	6.98
05	4.69	11.7	8.0	2.9	1.3	2.56	3.98	5.93
06	4.53	12.0	8.0	3.4	1.3	2.64	4.67	5.42
07	4.80	12.6	8.2	3.2	1.4	3.26	4.64	6.44
08	3.70	10.0	6.2	2.7	1.0	2.80	3.67	4.32
09	3.90	8.8	5.7	2.4	1.0	2.21	3.42	5.60
10	3.21	9.3	5.7	2.4	0.9	1.77	3.07	3.47
11	4.24	9.7	6.2	2.9	1.3	3.57	4.05	4.90
12	5.49	13.0	8.1	4.1	1.8	3.51	5.14	7.27
Summary	54.41	136.3	88.0	37.3	15.7	35.25	49.96	69.45

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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	1.40	1.0	0.5	0.1	0.0	0.0	1.3	0.2	0.0	0.0	0.00	0.20	3.00
02	0.90	1.2	0.5	0.2	0.0	0.0	1.0	0.6	0.4	0.1	0.00	0.50	1.50
03	0.60	0.7	0.4	0.1	0.0	0.0	0.4	0.2	0.1	0.0	0.00	0.00	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	1.10	0.8	0.6	0.0	0.0	0.0	0.6	0.1	0.1	0.0	0.00	0.00	1.10
Summary	4.1	3.7	2.0	0.4	0.0	0.0	3.3	1.1	0.6	0.1	0.0	0.7	6.6

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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	154.1	186.3	384.0	616.0	866.5	1049.8	1184.0	1153.0	946.3	651.8	330.6	186.4
45	84.1	107.0	259.3	470.0	711.5	899.9	1029.1	998.0	796.3	500.2	212.8	105.1
50	40.3	54.5	157.5	332.1	556.7	749.9	874.1	843.1	646.4	355.3	120.5	51.4
55	15.9	22.8	81.8	211.2	406.0	599.9	719.1	688.1	497.1	225.4	58.3	20.4
60	4.4	7.3	34.6	115.4	264.8	450.2	564.1	533.1	350.9	121.5	23.0	6.3
Growing Degree Units for Corn (Monthly)												
50/86	84.8	112.3	235.5	394.1	571.4	720.7	822.5	796.6	635.4	415.6	206.9	104.5
Growing Degree Units (Accumulated Monthly)												
40	154	340	724	1340	2207	3257	4441	5594	6540	7192	7522	7709
45	84	191	450	920	1632	2532	3561	4559	5355	5855	6068	6173
50	40	95	252	584	1141	1891	2765	3608	4255	4610	4730	4782
55	16	39	120	332	738	1338	2057	2745	3242	3467	3526	3546
60	4	12	46	162	426	877	1441	1974	2325	2446	2469	2476
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	85	197	433	827	1398	2119	2941	3738	4373	4789	4996	5100

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