

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 689 ft. Lat: 38.1025° N Lon: 81.8464° W
Station: **MADISON 3NNW, WV US USC00465563**

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	44.8	24.6	34.7	4.3	4.8	4.3	3.9	1.9	0.5	0.0	0.0	0.0	633.1	693.1	784.7	939.2	0.0	0.0	11.7	5.7	24.2	0.9
02	48.7	26.9	37.8	5.0	4.5	4.6	5.4	3.4	1.4	0.0	0.0	0.0	487.0	541.0	623.0	761.6	0.0	0.0	13.3	3.3	21.2	0.4
03	57.7	33.0	45.3	5.0	3.3	4.0	34.2	24.1	12.9	3.2	0.2	0.0	333.3	385.2	467.0	612.3	0.0	0.0	22.1	0.7	17.3	0.1
04	70.1	41.7	55.9	3.3	2.4	2.7	134.0	102.4	63.6	21.3	3.8	1.3	107.1	135.4	186.7	294.4	0.0	0.5	28.1	0.0	6.0	0.0
05	77.5	52.4	65.0	3.6	3.8	3.5	323.8	271.2	199.3	102.4	36.7	19.9	15.4	24.7	45.8	104.0	0.0	2.1	31.0	0.0	0.3	0.0
06	84.2	61.0	72.6	2.2	1.9	1.8	528.3	468.7	380.3	238.8	116.6	77.9	0.4	0.8	2.4	10.8	0.1	6.4	30.0	0.0	0.0	0.0
07	87.2	65.4	76.3	2.2	2.2	2.1	660.2	598.2	505.2	350.4	200.8	146.4	0.0	0.0	0.0	0.1	0.2	11.2	31.0	0.0	0.0	0.0
08	86.2	64.1	75.2	2.6	2.0	2.1	624.6	562.6	469.6	316.0	171.0	120.9	0.0	0.0	0.1	1.4	0.2	8.8	31.0	0.0	0.0	0.0
09	81.0	56.9	69.0	3.2	2.5	2.4	421.0	363.5	280.1	157.4	65.6	40.8	2.6	5.1	11.6	39.0	0.0	4.4	30.0	0.0	0.0	0.0
10	70.3	44.2	57.2	2.7	2.7	2.2	148.1	114.2	72.7	25.6	7.0	3.8	78.4	106.4	158.0	265.8	0.0	0.3	30.1	0.0	3.9	0.0
11	58.6	33.4	46.0	4.8	2.9	3.5	25.1	15.6	7.3	0.9	0.0	0.0	295.0	345.5	427.2	570.8	0.0	0.0	22.5	0.3	16.0	0.0
12	48.3	28.4	38.4	5.4	3.7	4.4	7.2	4.0	1.5	0.1	0.0	0.0	523.2	582.1	672.6	826.2	0.0	0.0	13.8	3.0	22.7	0.1
Summary	67.9	44.3	56.1	3.7	3.1	3.1	2916	2530	1994	1216	602	411	2476	2819	3379	4426	0.5	33.7	294.6	13.0	111.6	1.5

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	3.60	16.3	8.6	2.5	0.5	2.74	3.48	4.22	
02	3.51	14.7	8.1	2.4	0.6	2.46	2.90	4.43	
03	4.43	16.1	9.5	3.2	0.6	3.23	4.33	5.23	
04	4.37	14.2	9.1	2.9	0.9	3.17	4.07	5.63	
05	5.41	14.8	9.8	3.9	1.5	3.99	4.76	7.25	
06	4.47	13.9	9.4	2.9	1.0	3.48	4.89	5.41	
07	5.42	14.0	9.4	3.8	1.4	4.07	5.47	6.89	
08	4.26	11.0	7.3	3.0	1.0	3.29	3.89	5.38	
09	3.41	9.9	6.0	2.3	1.2	1.71	3.03	4.51	
10	3.25	11.3	6.9	2.2	0.7	2.16	2.89	4.74	
11	3.19	12.1	7.4	2.0	0.5	2.34	3.05	3.98	
12	4.23	15.9	9.2	2.7	0.7	2.91	4.05	5.20	
Summary	49.55	164.2	100.7	33.8	10.6	35.55	46.81	62.87	

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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	6.00	4.8	2.4	0.7	0.2	0.1					2.20	3.80	6.70
02	3.60	2.7	1.8	0.4	0.0	0.0					0.40	1.30	5.10
03	3.30	1.4	0.9	0.4	0.2	0.0					0.00	1.90	5.70
04	0.20	0.1	0.1	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					0.00	0.00	0.00
06	0.00	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					0.00	0.00	0.00
08	0.00	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					0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	0.60	0.4	0.3	0.0	0.0	0.0					0.00	0.00	0.10
12	3.60	2.9	1.7	0.3	0.0	0.0					0.40	2.20	5.00
Summary	17.3	12.3	7.2	1.8	0.4	0.1	0.0	0.0	0.0	0.0	3.0	9.2	22.6

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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	72.9	89.5	229.9	483.7	773.4	977.9	1125.2	1089.5	868.3	537.0	226.6	101.2
45	34.2	41.9	138.7	348.8	618.8	827.9	970.2	934.5	718.4	389.6	129.8	49.9
50	13.7	15.9	73.2	229.5	466.9	678.0	815.2	779.6	568.7	256.4	64.9	21.3
55	3.9	5.4	34.2	134.0	323.8	528.3	660.2	624.6	421.0	148.1	25.1	7.2
60	0.5	1.4	12.9	63.6	199.3	380.3	505.2	469.6	280.1	72.7	7.3	1.5
Growing Degree Units for Corn (Monthly)												
50/86	49.0	67.9	161.6	317.9	496.6	655.9	772.3	744.9	565.6	339.1	159.1	65.8

Growing Degree Units (Accumulated Monthly)												
40	73	162	392	876	1649	2627	3752	4842	5710	6247	6474	6575
45	34	76	215	564	1182	2010	2980	3915	4633	5023	5153	5203
50	14	30	103	332	799	1477	2292	3072	3641	3897	3962	3983
55	4	9	44	178	501	1030	1690	2314	2735	2884	2909	2916
60	0	2	15	78	278	658	1163	1633	1913	1986	1993	1994
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	49	117	278	596	1093	1749	2521	3266	3832	4171	4330	4396

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

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