

Summary of Monthly Normals
1991-2020

Current Location: Elev: 762 ft. Lat: 42.6375° N Lon: 89.0642° W
Station: AFTON - JANESVILLE WWTP, WI US USC00470045

Generated on 04/27/2024

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	28.3	11.6	19.9	4.6	6.1	5.2	0.0	0.0	0.0	0.0	0.0	0.0	1086.3	1148.3	1241.4	1396.4	0.0	0.0	1.2	19.6	29.7	7.7
02	32.4	14.7	23.5	5.7	7.1	6.3	0.1	0.0	0.0	0.0	0.0	0.0	880.5	936.4	1020.5	1160.5	0.0	0.0	1.7	13.5	26.4	4.8
03	44.6	25.4	35.0	5.0	4.5	4.7	6.9	5.1	2.9	0.8	0.0	0.0	627.0	687.1	777.9	930.8	0.0	0.0	9.7	4.6	24.2	0.6
04	57.9	36.1	47.0	4.1	2.9	3.3	33.6	23.3	12.2	3.0	0.5	0.2	273.6	323.3	402.2	543.0	0.0	0.0	22.5	0.2	10.2	0.0
05	69.9	48.0	58.9	3.5	3.1	3.1	182.3	144.7	97.1	43.4	15.5	8.7	59.9	84.3	129.7	230.9	0.0	0.6	30.2	0.0	0.7	0.0
06	79.9	58.0	68.9	2.4	1.9	1.9	420.5	362.9	279.6	156.2	66.3	42.5	2.2	4.5	11.2	37.8	0.0	3.0	30.0	0.0	0.0	0.0
07	83.4	61.7	72.6	3.2	2.9	2.9	543.9	481.9	389.4	240.4	115.3	78.2	0.0	0.0	0.4	6.4	0.1	4.8	31.0	0.0	0.0	0.0
08	81.7	59.5	70.6	2.7	2.9	2.6	483.6	421.9	330.6	188.2	79.3	50.3	0.1	0.5	2.0	14.7	0.0	3.2	31.0	0.0	0.0	0.0
09	75.1	51.0	63.0	3.4	2.8	2.8	263.8	216.2	152.3	71.3	24.4	14.6	22.5	34.8	60.8	129.8	0.0	1.5	29.9	0.0	0.3	0.0
10	61.7	39.5	50.6	3.3	2.6	2.7	60.0	42.4	23.6	7.1	1.8	1.1	196.4	240.8	315.0	453.5	0.0	0.0	26.6	0.0	7.5	0.0
11	46.3	28.5	37.4	5.7	3.9	4.7	4.6	2.7	1.0	0.1	0.0	0.0	532.6	590.7	679.0	828.1	0.0	0.0	11.3	3.5	20.6	0.1
12	33.5	18.1	25.8	4.9	5.8	5.2	0.3	0.1	0.0	0.0	0.0	0.0	905.3	967.1	1060.1	1215.1	0.0	0.0	1.9	13.4	28.5	2.9
Summary	57.9	37.7	47.8	4.0	3.9	3.8	2000	1701	1289	710	303	196	4586	5018	5700	6947	0.1	13.1	227.0	54.8	148.1	16.1

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	1.63	10.1	4.6	0.8	0.1	0.94	1.50	2.07
02	1.61	8.7	4.4	0.8	0.2	0.90	1.35	2.13
03	2.06	9.7	4.8	1.0	0.4	0.98	1.76	2.63
04	3.57	12.4	7.1	2.5	0.7	2.23	3.08	4.69
05	4.09	13.2	8.2	2.7	0.9	2.66	3.66	5.52
06	4.99	12.7	7.8	3.1	1.4	3.53	4.75	6.20
07	4.19	10.4	6.1	2.7	1.3	2.76	3.34	4.93
08	4.34	10.2	6.0	3.1	1.3	2.59	3.42	4.72
09	3.73	10.1	5.8	2.6	1.1	2.23	3.41	4.42
10	2.99	10.2	5.6	2.0	0.7	1.51	2.70	4.34
11	2.33	9.3	5.0	1.6	0.4	1.35	1.90	3.32
12	1.90	9.7	4.9	1.0	0.3	1.10	1.54	2.33
Summary	37.43	126.7	70.3	23.9	8.8	22.78	32.41	47.30

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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	10.80	6.6	4.0	1.4	0.5	0.0					6.20	9.40	14.60
02	10.10	5.1	3.3	1.2	0.5	0.0					3.70	6.80	16.40
03	4.10	2.8	1.3	0.4	0.2	0.0					1.40	2.80	6.40
04	1.30	0.7	0.4	0.2	0.1	0.0					0.00	0.00	2.00
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	0.20	0.1	0.1	0.0	0.0	0.0					0.00	0.00	0.00
11	2.40	1.2	0.6	0.2	0.1	0.0					0.00	0.60	2.60
12	7.70	5.1	3.0	1.2	0.6	0.1					1.20	6.00	12.50
Summary	36.6	21.6	12.7	4.6	2.0	0.1	0.0	0.0	0.0	0.0	12.5	25.6	54.5

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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	2.2	7.5	68.1	246.4	587.9	868.3	1008.9	948.4	691.4	342.8	85.1	9.9
45	0.2	2.3	34.1	144.4	436.6	718.4	853.9	793.5	542.5	218.7	39.4	3.3
50	0.0	0.5	15.4	73.9	297.2	568.6	699.0	638.5	397.1	124.1	15.3	1.3
55	0.0	0.1	6.9	33.6	182.3	420.5	543.9	483.6	263.8	60.0	4.6	0.3
60	0.0	0.0	2.9	12.2	97.1	279.6	389.4	330.6	152.3	23.6	1.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.4	5.1	45.9	150.1	345.3	559.9	678.8	628.3	429.6	202.9	49.3	5.0

Growing Degree Units (Accumulated Monthly)												
40	2	10	78	324	912	1780	2789	3738	4429	4772	4857	4867
45	0	2	37	181	618	1336	2190	2983	3526	3745	3784	3787
50	0	0	16	90	387	956	1655	2293	2690	2814	2830	2831
55	0	0	7	41	223	643	1187	1671	1935	1995	1999	2000
60	0	0	3	15	112	392	781	1112	1264	1288	1289	1289
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	6	52	202	548	1108	1786	2415	2844	3047	3097	3102

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