

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 990 ft. Lat: 42.7489° N Lon: 90.4656° W
Station: **PLATTEVILLE, WI US USC00476646**

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	25.7	9.9	17.8	4.6	6.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	1152.9	1214.9	1307.9	1462.8	0.0	0.0	0.6	22.4	30.5	8.7
02	30.8	13.7	22.3	5.9	7.6	6.6	0.1	0.0	0.0	0.0	0.0	0.0	916.9	972.9	1056.9	1196.8	0.0	0.0	1.3	14.8	26.7	5.6
03	43.3	24.8	34.1	5.9	5.1	5.4	4.8	3.2	1.5	0.2	0.0	0.0	654.3	714.7	806.0	959.7	0.0	0.0	8.7	5.3	24.5	1.1
04	57.1	35.4	46.3	3.7	3.2	3.4	29.3	20.0	9.9	2.4	0.3	0.2	291.8	342.6	422.5	564.9	0.0	0.0	22.6	0.3	10.9	0.0
05	68.7	47.1	57.9	3.5	3.0	3.1	156.7	120.2	76.7	32.4	10.8	6.1	66.8	92.3	141.8	252.6	0.0	0.2	30.3	0.0	1.2	0.0
06	78.2	58.3	68.2	2.2	2.1	2.0	400.0	343.5	261.9	141.7	57.2	34.7	2.8	6.2	14.6	44.5	0.0	1.4	30.0	0.0	0.0	0.0
07	81.8	61.8	71.8	3.2	2.9	3.0	520.7	459.0	366.7	218.8	98.4	64.0	0.0	0.2	1.0	8.1	0.0	2.3	31.0	0.0	0.0	0.0
08	80.1	59.8	70.0	2.5	2.7	2.5	463.4	401.9	311.0	171.2	68.9	43.0	0.1	0.5	2.6	17.9	0.0	1.7	31.0	0.0	0.0	0.0
09	73.2	51.2	62.2	3.1	3.0	2.9	241.6	195.9	136.1	59.7	17.8	9.5	25.7	40.0	70.2	143.9	0.0	0.5	30.0	0.0	0.9	0.0
10	60.3	39.1	49.7	3.3	2.5	2.7	53.3	37.3	21.5	7.6	2.1	1.2	217.6	263.6	340.8	481.9	0.0	0.0	25.9	0.0	8.4	0.0
11	44.6	28.0	36.3	5.8	4.2	4.9	4.1	2.2	0.7	0.0	0.0	0.0	565.1	623.2	711.7	861.0	0.0	0.0	10.4	4.1	21.8	0.2
12	31.6	16.7	24.2	5.3	5.7	5.4	0.4	0.2	0.0	0.0	0.0	0.0	956.7	1018.4	1111.2	1266.2	0.0	0.0	1.3	16.7	29.5	4.3
Summary	56.3	37.1	46.7	4.1	4.0	3.9	1874	1583	1186	634	256	159	4851	5289	5987	7260	0.0	6.1	223.1	63.6	154.4	19.9

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	1.22	9.0	3.9	0.4	0.0	0.82	1.08	1.54	
02	1.47	7.9	4.4	0.6	0.1	0.94	1.44	2.05	
03	2.09	9.0	5.1	1.2	0.3	1.10	1.67	2.74	
04	3.95	11.2	7.5	3.2	1.0	2.33	3.85	5.46	
05	4.65	12.8	8.3	3.0	1.2	3.33	4.81	5.91	
06	5.97	12.2	8.7	3.8	1.7	4.60	5.37	7.44	
07	5.29	10.5	6.8	3.2	2.0	3.33	5.24	6.38	
08	4.23	9.7	6.4	2.6	1.2	2.37	3.26	5.48	
09	4.25	8.8	6.2	2.8	0.8	2.26	3.74	4.91	
10	2.82	9.7	5.8	1.5	0.6	1.27	2.64	4.21	
11	2.25	8.6	4.9	1.0	0.2	1.20	1.80	2.76	
12	1.79	9.4	4.6	0.7	0.1	1.01	1.64	2.32	
Summary	39.98	118.8	72.6	24.0	9.2	24.56	36.54	51.20	

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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	11.00	6.8	3.3	1.1	0.4	0.0	24.5	19.6	13.9	4.4	7.00	11.10	13.90
02	9.80	5.7	3.2	1.3	0.4	0.0	21.3	16.0	10.6	3.7	4.60	7.60	12.60
03	6.10	3.4	2.4	0.6	0.2	0.0	9.5	5.3	2.9	0.4	3.10	5.00	9.50
04	1.60	0.8	0.5	0.2	0.1	0.0	0.9	0.4	0.1	0.0	0.00	0.00	2.70
05	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
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	0.40	0.2	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.0	0.00	0.00	0.00
11	1.90	1.4	0.5	0.2	0.0	0.0	2.9	0.9	0.2	0.0	0.00	0.80	2.70
12	11.90	6.4	3.8	1.2	0.4	0.2	20.2	14.0	8.8	3.3	3.30	5.90	19.60
Summary	42.8	24.7	13.7	4.6	1.5	0.2	79.5	56.3	36.6	11.8	18.0	30.4	61.0

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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	0.5	5.7	61.5	230.5	555.7	847.1	985.6	928.2	666.0	321.9	76.8	9.0
45	0.0	1.5	29.4	132.5	405.1	697.1	830.6	773.2	517.2	201.6	34.6	3.9
50	0.0	0.2	12.4	65.6	269.0	547.3	675.7	618.3	372.5	112.2	13.2	1.6
55	0.0	0.1	4.8	29.3	156.7	400.0	520.7	463.4	241.6	53.3	4.1	0.4
60	0.0	0.0	1.5	9.9	76.7	261.9	366.7	311.0	136.1	21.5	0.7	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.6	2.9	38.8	140.1	325.0	548.8	664.5	612.7	407.2	184.1	40.0	3.8

Growing Degree Units (Accumulated Monthly)												
40	0	6	68	298	854	1701	2687	3615	4281	4603	4680	4688
45	0	2	31	163	568	1266	2096	2869	3387	3588	3623	3627
50	0	0	13	78	347	894	1570	2188	2561	2673	2686	2688
55	0	0	5	34	191	591	1112	1575	1817	1870	1874	1874
60	0	0	2	11	88	350	717	1028	1164	1185	1186	1186
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	4	42	182	507	1056	1721	2333	2741	2925	2965	2968

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