

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 699 ft. Lat: 44.8800° N Lon: 87.3358° W
Station: **STURGEON BAY EXP FARM, WI US USC00478267**

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	25.2	10.4	17.8	4.3	6.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	1153.1	1215.1	1308.1	1463.0	0.0	0.0	0.1	22.3	30.3	6.8
02	28.1	11.9	20.0	4.8	6.3	5.5	0.0	0.0	0.0	0.0	0.0	0.0	980.0	1036.0	1120.0	1259.9	0.0	0.0	0.3	17.6	27.3	5.3
03	37.9	21.3	29.6	4.7	4.5	4.5	0.5	0.3	0.1	0.0	0.0	0.0	787.9	849.7	942.5	1097.4	0.0	0.0	4.4	7.9	26.2	1.3
04	50.1	32.0	41.0	3.8	3.0	3.3	3.3	1.6	0.4	0.0	0.0	0.0	421.8	480.0	568.9	718.5	0.0	0.0	16.2	0.8	14.5	0.0
05	62.4	42.5	52.5	3.4	2.5	2.9	61.8	42.0	21.7	5.3	0.5	0.2	140.9	183.1	255.7	394.4	0.0	0.0	28.8	0.0	1.7	0.0
06	72.6	52.9	62.8	2.4	2.0	2.1	244.8	194.5	127.9	49.3	12.6	6.1	12.3	22.1	45.4	116.9	0.0	0.3	30.0	0.0	0.0	0.0
07	78.0	58.8	68.4	2.8	2.4	2.5	415.7	354.3	264.9	134.6	46.2	26.1	0.4	1.0	4.5	29.2	0.0	1.0	31.0	0.0	0.0	0.0
08	76.8	58.2	67.5	2.4	2.6	2.4	388.0	327.4	239.7	112.2	33.5	17.3	0.6	1.9	7.2	34.8	0.0	0.7	31.0	0.0	0.0	0.0
09	69.1	50.7	59.9	2.8	2.7	2.6	183.1	141.2	89.2	32.3	7.5	3.9	36.1	54.3	92.2	185.4	0.0	0.1	29.9	0.0	0.2	0.0
10	55.9	39.4	47.7	2.9	2.7	2.7	24.3	14.8	6.0	1.0	0.1	0.0	252.2	304.6	388.8	538.8	0.0	0.0	23.7	0.0	4.7	0.0
11	42.4	28.9	35.6	4.8	3.9	4.2	0.6	0.2	0.0	0.0	0.0	0.0	581.1	640.7	730.5	880.5	0.0	0.0	7.2	4.0	19.1	0.0
12	31.1	18.5	24.8	4.3	5.1	4.6	0.0	0.0	0.0	0.0	0.0	0.0	936.2	998.2	1091.2	1246.1	0.0	0.0	0.6	15.4	28.4	1.9
Summary	52.5	35.5	44.0	3.6	3.6	3.5	1322	1076	750	335	100	54	5303	5787	6555	7965	0.0	2.1	203.2	68.0	152.4	15.3

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	1.71	11.0	5.1	0.8	0.1	1.28	1.54	2.13
02	1.34	8.3	4.3	0.6	0.1	0.87	1.23	1.76
03	1.90	8.6	5.3	1.1	0.1	1.16	1.69	2.59
04	3.07	10.3	6.5	2.2	0.7	2.18	3.06	3.75
05	3.32	12.3	7.7	2.1	0.7	2.43	3.23	3.85
06	4.12	11.0	7.3	2.7	1.0	2.27	3.66	5.56
07	3.57	11.2	7.3	2.2	0.7	2.52	3.44	4.41
08	3.32	9.6	6.2	2.2	0.8	2.40	3.34	4.24
09	3.10	10.1	6.4	2.2	0.5	1.91	2.46	4.01
10	3.24	11.3	7.1	2.1	0.7	1.66	3.36	4.42
11	2.20	9.5	5.6	1.2	0.3	1.48	2.21	2.85
12	1.97	10.4	5.5	1.1	0.1	1.27	1.84	2.30
Summary	32.86	123.6	74.3	20.5	5.8	21.43	31.06	41.87

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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	15.60	7.3	5.5	2.2	0.6	0.1	24.4	20.6	17.0	10.0	9.60	14.20	20.90
02	12.90	6.0	4.2	1.6	0.7	0.1	25.8	20.9	17.5	10.7	6.90	11.80	18.30
03	8.60	4.0	3.1	1.2	0.3	0.0	17.8	14.2	10.8	5.6	5.60	8.20	11.40
04	4.00	1.7	1.3	0.5	0.2	0.1	3.0	1.8	1.2	0.3	0.00	2.00	5.00
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	0.20	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	2.40	1.7	1.2	0.2	0.0	0.0	3.1	0.9	0.1	0.0	0.00	1.00	3.00
12	13.70	5.8	4.4	1.7	0.6	0.1	16.0	11.8	9.0	4.8	6.00	10.00	20.90
Summary	57.4	26.6	19.8	7.4	2.4	0.4	90.2	70.2	55.6	31.4	28.1	47.2	79.5

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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	0.1	1.1	21.3	113.0	389.1	682.4	880.3	852.4	597.0	255.3	47.5	3.1
45	0.0	0.1	7.5	47.6	250.6	532.5	725.2	697.3	448.3	143.1	15.9	0.6
50	0.0	0.0	2.1	15.7	137.9	384.1	570.2	542.3	306.5	66.9	3.9	0.0
55	0.0	0.0	0.5	3.3	61.8	244.8	415.7	388.0	183.1	24.3	0.6	0.0
60	0.0	0.0	0.1	0.4	21.7	127.9	264.9	239.7	89.2	6.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.4	11.9	63.0	206.1	402.3	569.3	545.7	340.1	116.7	17.2	0.7

Growing Degree Units (Accumulated Monthly)												
40	0	1	22	136	525	1207	2087	2940	3537	3792	3840	3843
45	0	0	8	55	306	838	1564	2261	2709	2852	2868	2869
50	0	0	2	18	156	540	1110	1652	1959	2026	2030	2030
55	0	0	0	4	66	310	726	1114	1297	1321	1322	1322
60	0	0	0	0	22	150	415	655	744	750	750	750
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	12	75	281	684	1253	1799	2139	2256	2273	2273

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