

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 1643 ft. Lat: 45.9156° N Lon: 89.4894° W

Station: **ST GERMAIN, WI US USC00477480**

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	19.9	0.5	10.2	4.5	6.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1388.3	1450.4	1543.5	1698.5	0.0	0.0	0.0	27.8	30.9	15.0
02	24.6	1.7	13.2	5.4	6.8	6.0	0.0	0.0	0.0	0.0	0.0	0.0	1171.4	1227.5	1311.6	1451.6	0.0	0.0	0.4	20.8	27.7	12.6
03	36.2	13.1	24.7	4.2	5.7	4.9	0.1	0.0	0.0	0.0	0.0	0.0	941.1	1002.9	1095.9	1250.9	0.0	0.0	4.5	11.5	29.0	5.8
04	48.9	26.1	37.5	4.6	3.7	4.0	3.4	2.0	1.0	0.2	0.0	0.0	528.3	587.0	675.9	825.2	0.0	0.0	15.5	2.0	23.1	0.2
05	62.9	39.6	51.3	3.5	2.9	3.0	62.7	44.8	26.1	8.4	1.7	0.9	179.1	223.1	297.5	434.7	0.0	0.0	27.3	0.0	6.4	0.0
06	72.3	51.4	61.9	2.5	2.1	2.2	228.3	182.2	121.9	49.4	12.4	6.4	23.1	36.9	66.6	144.1	0.0	0.2	29.8	0.0	0.2	0.0
07	75.4	56.3	65.9	3.2	2.7	2.8	338.1	278.9	197.0	87.6	25.1	13.4	1.9	4.8	15.8	61.4	0.0	0.6	31.0	0.0	0.0	0.0
08	73.4	54.6	64.0	2.6	2.8	2.6	283.9	227.7	151.2	57.3	13.8	6.8	5.1	10.8	27.3	88.4	0.0	0.2	31.0	0.0	0.0	0.0
09	65.8	46.7	56.3	3.3	3.0	2.9	120.4	90.3	54.5	17.5	3.8	1.7	83.3	113.1	167.2	280.2	0.0	0.1	28.4	0.0	1.0	0.0
10	52.0	33.7	42.8	3.3	2.5	2.8	13.7	8.5	3.9	1.0	0.1	0.0	390.3	447.0	535.4	687.6	0.0	0.0	17.9	0.6	15.1	0.0
11	36.8	21.7	29.3	5.6	4.7	5.1	0.1	0.0	0.0	0.0	0.0	0.0	772.5	832.5	922.5	1072.5	0.0	0.0	4.4	10.9	26.6	0.9
12	25.0	9.1	17.1	4.3	6.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	1176.2	1238.2	1331.3	1486.3	0.0	0.0	0.2	24.4	30.8	8.7
Summary	49.4	29.5	39.5	3.9	4.2	3.9	1051	834	556	221	57	29	6661	7174	7990	9481	0.0	1.1	190.4	98.0	190.8	43.2

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	1.39	8.6	4.4	0.5	0.0	0.98	1.41	1.63
02	1.19	6.7	3.5	0.5	0.1	0.73	0.98	1.51
03	1.78	7.3	4.4	0.9	0.2	0.91	1.63	2.45
04	2.82	10.9	7.2	1.7	0.4	1.74	2.60	3.62
05	3.79	12.2	7.5	2.6	0.8	2.54	3.59	4.48
06	4.15	11.7	7.6	2.4	0.8	2.96	4.06	4.75
07	4.30	11.5	7.8	2.7	1.1	3.02	4.01	4.87
08	3.34	10.0	7.1	1.9	0.5	2.25	3.02	3.69
09	3.81	11.6	7.6	2.4	1.0	2.45	3.46	5.29
10	3.44	10.5	7.2	1.8	0.4	2.18	3.05	4.48
11	1.95	9.5	5.1	0.8	0.2	1.34	1.92	2.46
12	1.64	9.1	5.0	0.8	0.2	1.06	1.54	2.00
Summary	33.60	119.6	74.4	19.0	5.7	22.16	31.27	41.23

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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	15.20	8.9	6.1	2.1	0.5	0.0	30.6	28.9	27.4	21.1	12.50	15.40	17.40
02	14.60	6.5	4.5	1.5	0.7	0.1	28.5	28.5	28.1	24.3	8.00	13.00	18.40
03	11.70	5.0	3.6	1.6	0.6	0.0	27.3	24.6	22.2	18.5	7.90	11.60	17.10
04	8.20	3.1	2.2	0.8	0.4	0.1	11.1	8.3	6.9	4.6	0.00	7.00	12.80
05	0.10	0.2	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	1.80	1.0	0.7	0.2	0.1	0.0	0.9	0.4	0.1	0.0	0.00	0.70	2.90
11	8.60	5.9	3.5	0.8	0.3	0.0	12.7	6.2	3.3	1.0	4.60	7.70	11.30
12	13.50	8.4	5.7	1.8	0.4	0.0	27.2	22.9	18.3	8.2	10.00	11.70	16.60
Summary	73.7	39.0	26.3	8.8	3.0	0.2	138.3	119.8	106.3	77.7	43.0	67.1	96.5

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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	0.6	14.3	80.9	360.3	655.2	801.1	743.8	488.9	159.1	17.5	0.8
45	0.0	0.0	4.1	35.7	232.9	505.7	646.3	588.9	345.9	81.3	5.3	0.1
50	0.0	0.0	1.0	12.4	132.0	360.6	491.4	434.5	219.4	35.9	1.0	0.0
55	0.0	0.0	0.1	3.4	62.7	228.3	338.1	283.9	120.4	13.7	0.1	0.0
60	0.0	0.0	0.0	1.0	26.1	121.9	197.0	151.2	54.5	3.9	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.5	13.4	66.1	218.0	387.9	493.9	444.9	267.9	87.3	10.2	0.4

Growing Degree Units (Accumulated Monthly)												
40	0	1	15	96	456	1111	1912	2656	3145	3304	3322	3323
45	0	0	4	40	273	778	1425	2014	2360	2441	2446	2446
50	0	0	1	13	145	506	997	1432	1651	1687	1688	1688
55	0	0	0	4	66	294	633	916	1037	1051	1051	1051
60	0	0	0	1	27	149	346	497	552	556	556	556
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	14	80	298	686	1180	1625	1893	1980	1990	1990

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

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