

Summary of Monthly Normals
1991-2020

Generated on 04/30/2024

Current Location: Elev: 945 ft. Lat: 43.9750° N Lon: 89.8308° W

Station: FRIENDSHIP, WI US USC00472973

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	25.4	6.0	15.7	4.6	6.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1217.8	1279.8	1372.9	1527.9	0.0	0.0	0.5	22.4	30.2	12.5
02	30.4	8.7	19.6	5.7	7.1	6.3	0.0	0.0	0.0	0.0	0.0	0.0	992.4	1048.4	1132.5	1272.5	0.0	0.0	1.1	18.5	27.7	10.5
03	42.2	20.7	31.4	5.1	5.5	5.2	6.4	4.7	3.1	0.8	0.0	0.0	736.6	796.8	888.2	1040.9	0.0	0.0	8.0	6.2	25.7	2.6
04	55.9	32.5	44.2	4.7	3.2	3.8	22.1	14.9	7.2	1.6	0.1	0.0	346.0	398.8	481.2	625.6	0.0	0.0	20.0	0.7	16.4	0.0
05	68.7	45.1	56.9	3.6	3.0	3.1	142.4	110.0	71.4	29.2	8.7	5.0	83.6	113.2	167.5	280.4	0.0	0.7	29.6	0.0	2.7	0.0
06	78.7	55.5	67.1	2.7	2.2	2.2	367.1	311.1	232.0	118.3	44.8	27.5	4.3	8.2	19.1	55.4	0.0	1.8	30.0	0.0	0.0	0.0
07	82.3	59.2	70.8	3.6	2.8	3.1	488.2	426.8	335.6	194.6	85.6	55.1	0.2	0.8	2.5	16.5	0.2	4.5	31.0	0.0	0.0	0.0
08	80.5	57.0	68.8	2.5	3.1	2.6	426.8	365.9	277.5	146.3	55.9	33.3	0.7	1.9	6.4	30.2	0.0	2.5	31.0	0.0	0.1	0.0
09	72.7	48.4	60.5	3.4	3.1	2.9	210.0	167.7	113.9	51.2	17.8	10.4	43.6	61.3	97.5	184.8	0.0	1.1	29.8	0.0	1.2	0.0
10	58.7	36.6	47.7	3.6	2.6	2.8	38.9	26.6	14.1	4.8	1.5	0.9	266.7	316.4	396.8	542.5	0.0	0.0	24.1	0.0	12.4	0.0
11	43.7	25.4	34.5	6.1	3.9	4.9	2.2	1.1	0.3	0.0	0.0	0.0	615.7	674.7	763.9	913.6	0.0	0.0	9.5	4.4	23.4	0.2
12	30.9	13.9	22.4	5.0	6.3	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1010.5	1072.5	1165.5	1320.5	0.0	0.0	0.9	16.8	29.6	5.5
Summary	55.8	34.1	45.0	4.2	4.1	4.0	1704	1429	1055	547	214	132	5318	5773	6494	7811	0.2	10.6	215.5	69.0	169.4	31.3

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	1.34	9.9	4.2	0.4	0.0	0.94	1.14	1.68
02	1.27	9.6	3.4	0.5	0.1	0.85	1.30	1.71
03	1.91	9.6	5.2	1.0	0.3	0.79	1.77	2.62
04	3.39	12.0	7.3	2.3	0.5	2.30	3.28	4.33
05	4.19	13.7	8.7	3.2	1.2	2.68	3.88	4.95
06	4.48	12.6	8.1	3.3	1.2	2.57	4.21	6.35
07	4.64	10.5	6.3	3.1	1.2	3.05	4.04	5.72
08	4.35	10.3	6.5	2.8	1.6	2.44	4.42	5.36
09	3.49	11.7	7.1	2.3	0.7	2.00	2.66	4.48
10	2.54	11.2	6.4	2.1	0.4	1.32	2.48	3.72
11	1.89	9.0	4.1	1.2	0.3	1.26	1.69	2.57
12	1.61	10.7	4.5	1.2	0.2	0.73	1.48	1.92
Summary	35.10	130.8	71.8	23.4	7.7	20.93	32.35	45.41

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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	11.90	7.7	3.5	1.1	0.4	0.0	25.5	19.5	16.1	5.8	6.90	11.10	15.20
02	13.90	8.0	3.9	1.3	0.6	0.1	26.1	22.5	19.0	10.1	7.10	13.30	18.20
03	6.50	4.1	2.3	0.8	0.2	0.0	14.5	10.4	7.9	3.1	4.40	6.10	9.00
04	2.50	2.1	1.1	0.5	0.1	0.0	2.2	1.2	0.5	0.2	0.00	2.30	3.90
05	0.00	0.1	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	0.3	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
11	2.20	2.0	0.8	0.2	0.1	0.0	2.4	0.9	0.4	0.0	0.00	0.60	3.00
12	14.80	7.6	3.8	1.7	0.6	0.1	17.8	13.6	9.7	3.3	5.60	10.80	22.90
Summary	52.0	31.9	15.5	5.6	2.0	0.2	88.7	68.1	53.6	22.5	24.0	44.2	72.2

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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	0.2	5.0	49.8	193.4	525.8	812.5	952.8	890.7	616.5	266.1	57.2	4.2
45	0.0	1.1	25.2	108.3	378.9	662.6	797.9	735.8	469.7	159.3	24.4	0.6
50	0.0	0.0	12.8	53.1	247.2	513.4	643.0	581.0	331.1	85.2	8.7	0.0
55	0.0	0.0	6.4	22.1	142.4	367.1	488.2	426.8	210.0	38.9	2.2	0.0
60	0.0	0.0	3.1	7.2	71.4	232.0	335.6	277.5	113.9	14.1	0.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.2	3.5	36.0	132.3	316.3	518.3	630.5	582.3	382.8	161.0	36.1	2.0

Growing Degree Units (Accumulated Monthly)												
40	0	5	55	248	774	1587	2540	3430	4047	4313	4370	4374
45	0	1	26	135	514	1176	1974	2710	3180	3339	3363	3364
50	0	0	13	66	313	826	1470	2050	2382	2467	2475	2475
55	0	0	6	28	171	538	1026	1453	1663	1702	1704	1704
60	0	0	3	10	82	314	649	927	1041	1055	1055	1055
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	4	40	172	488	1007	1637	2219	2602	2763	2799	2801

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