

Summary of Monthly Normals
1991-2020

Generated on 04/25/2024

Current Location: Elev: 1100 ft. Lat: 45.8236° N Lon: 91.8761° W

Station: SPOONER AG RES STN, WI US USC00478027

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	20.7	0.9	10.8	4.7	7.2	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1369.9	1432.0	1525.1	1680.1	0.0	0.0	0.1	25.1	30.8	13.8
02	26.4	4.4	15.4	5.8	7.4	6.5	0.0	0.0	0.0	0.0	0.0	0.0	1108.7	1164.7	1248.8	1388.8	0.0	0.0	0.7	18.1	27.4	10.6
03	39.5	17.7	28.6	5.2	5.7	5.4	1.9	1.2	0.5	0.0	0.0	0.0	820.4	881.7	974.0	1128.5	0.0	0.0	6.5	6.9	26.6	3.5
04	53.7	31.0	42.4	4.9	3.6	4.1	15.9	10.1	4.8	1.0	0.2	0.1	395.4	449.5	534.2	680.5	0.0	0.0	19.9	0.8	16.4	0.0
05	66.7	43.6	55.2	3.8	3.2	3.3	114.9	86.1	52.7	18.8	4.6	2.1	110.3	143.5	203.1	324.2	0.0	0.4	29.5	0.0	3.3	0.0
06	76.1	53.7	64.9	2.4	2.2	2.1	304.9	251.4	177.3	80.0	24.3	13.3	8.1	14.5	30.4	83.0	0.0	0.8	30.0	0.0	0.1	0.0
07	80.1	58.0	69.0	3.1	2.8	2.9	435.8	374.6	284.9	151.2	58.5	34.9	0.3	1.1	4.4	25.7	0.0	2.1	31.0	0.0	0.0	0.0
08	78.3	56.0	67.1	2.7	2.5	2.3	378.3	318.4	232.9	111.9	36.1	20.0	1.8	3.8	11.2	45.2	0.0	1.1	31.0	0.0	0.0	0.0
09	69.6	48.0	58.8	3.3	3.4	3.2	172.5	135.1	88.5	35.4	9.6	5.1	58.6	81.2	124.6	221.5	0.0	0.2	29.6	0.0	1.5	0.0
10	55.6	35.9	45.8	4.1	3.0	3.3	29.1	19.6	10.0	2.0	0.1	0.0	315.9	368.4	451.8	598.7	0.0	0.0	22.4	0.3	11.3	0.0
11	39.0	22.8	30.9	6.4	5.0	5.6	1.1	0.4	0.1	0.0	0.0	0.0	724.0	783.4	873.1	1023.0	0.0	0.0	6.8	8.2	23.8	0.8
12	25.7	9.2	17.5	4.9	6.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1163.9	1225.9	1319.0	1474.0	0.0	0.0	0.3	20.3	30.2	7.0
Summary	52.6	31.8	42.2	4.3	4.4	4.2	1454	1197	852	400	133	76	6077	6550	7300	8673	0.0	4.6	207.8	79.7	171.4	35.7

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	0.79	8.1	2.5	0.1	0.0	0.51	0.77	1.00
02	0.80	6.4	2.4	0.2	0.0	0.49	0.62	1.21
03	1.43	7.0	4.0	0.6	0.2	0.97	1.31	1.76
04	2.77	9.5	6.1	1.8	0.5	1.48	2.54	3.73
05	4.08	11.5	7.3	2.6	1.0	2.93	3.72	4.67
06	4.23	12.1	8.1	3.0	0.8	3.02	3.91	5.32
07	3.99	10.9	6.9	2.5	0.9	2.87	3.41	5.55
08	3.90	10.0	6.7	2.8	1.0	2.34	3.81	4.88
09	3.61	10.0	6.1	2.1	1.1	2.05	3.12	5.18
10	3.16	10.3	6.3	2.1	0.8	1.92	2.95	3.87
11	1.66	7.3	3.8	0.8	0.2	0.80	1.22	2.04
12	1.19	9.2	3.4	0.4	0.0	0.74	1.03	1.43
Summary	31.61	112.3	63.6	19.0	6.5	20.12	28.41	40.64

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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	11.30	7.6	3.9	1.2	0.3	0.0	29.2	25.6	20.7	9.9	7.10	9.60	14.60
02	9.60	6.1	3.5	1.3	0.5	0.0	26.5	24.2	20.7	12.5	4.60	8.60	11.40
03	9.40	4.3	2.6	1.1	0.4	0.1	18.7	15.8	13.8	8.2	4.90	8.30	13.20
04	4.80	2.2	1.4	0.6	0.3	0.0	4.0	2.8	2.3	1.4	0.20	3.00	6.50
05	0.40	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.1	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	0.80	0.9	0.3	0.1	0.0	0.0	0.6	0.1	0.0	0.0	0.00	0.00	0.60
11	6.20	4.6	2.3	0.8	0.4	0.1	7.3	4.9	2.7	1.0	1.60	2.90	8.30
12	13.20	8.5	4.4	1.5	0.6	0.0	22.4	17.2	12.0	5.2	5.30	10.50	17.20
Summary	55.7	34.4	18.5	6.6	2.5	0.2	108.8	90.7	72.3	38.2	23.7	42.9	71.8

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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	0.0	1.2	29.6	160.1	473.7	746.8	900.3	841.4	564.7	227.5	38.3	1.0
45	0.0	0.2	12.6	86.8	332.1	596.8	745.3	686.4	419.3	131.0	15.0	0.0
50	0.0	0.1	5.3	41.0	209.0	447.9	590.4	531.6	285.9	65.7	4.8	0.0
55	0.0	0.0	1.9	15.9	114.9	304.9	435.8	378.3	172.5	29.1	1.1	0.0
60	0.0	0.0	0.5	4.8	52.7	177.3	284.9	232.9	88.5	10.0	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.8	21.7	109.1	286.7	468.3	588.8	540.9	337.7	128.9	21.1	0.6

Growing Degree Units (Accumulated Monthly)												
40	0	1	31	191	665	1411	2312	3153	3718	3945	3984	3985
45	0	0	13	100	432	1028	1774	2460	2880	3010	3026	3026
50	0	0	5	46	255	703	1294	1825	2111	2177	2182	2182
55	0	0	2	18	133	438	873	1252	1424	1453	1454	1454
60	0	0	0	5	58	235	520	753	842	852	852	852
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	22	132	418	887	1475	2016	2354	2483	2504	2505

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

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