

Summary of Monthly Normals
1991-2020

Generated on 05/01/2024

Current Location: Elev: 1355 ft. Lat: 45.7992° N Lon: 90.9947° W

Station: WINTER, WI US USC00479304

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	20.1	1.6	10.9	4.7	6.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1368.3	1430.4	1523.4	1678.4	0.0	0.0	0.0	26.7	31.0	14.9
02	25.6	5.4	15.5	5.9	7.4	6.6	0.0	0.0	0.0	0.0	0.0	0.0	1105.9	1161.9	1245.9	1385.9	0.0	0.0	0.6	19.9	27.5	11.5
03	37.8	17.6	27.7	5.1	5.7	5.3	2.1	1.4	0.8	0.1	0.0	0.0	848.5	909.8	1002.1	1156.5	0.0	0.0	5.2	9.7	27.6	4.7
04	51.3	29.9	40.6	5.1	3.7	4.3	10.2	6.2	2.5	0.4	0.0	0.0	442.2	498.2	584.5	732.4	0.0	0.0	17.1	1.6	20.3	0.1
05	65.0	41.9	53.5	3.9	2.9	3.2	91.1	67.2	39.8	13.0	2.8	1.1	139.2	177.3	242.9	371.1	0.0	0.1	28.7	0.0	6.0	0.0
06	74.0	51.1	62.5	2.5	2.1	2.1	244.6	195.5	130.7	50.4	12.1	5.7	18.2	29.1	54.2	124.0	0.0	0.4	29.9	0.0	0.3	0.0
07	77.7	55.4	66.6	3.0	2.7	2.7	359.7	300.6	216.4	100.6	31.7	16.4	1.8	4.6	13.4	52.6	0.0	1.1	31.0	0.0	0.0	0.0
08	75.9	53.6	64.7	2.6	2.3	2.3	307.2	250.2	171.3	70.7	18.8	9.5	5.0	10.0	24.1	78.5	0.0	0.4	31.0	0.0	0.0	0.0
09	68.0	46.4	57.2	3.5	3.2	3.1	143.8	110.8	70.4	26.2	6.7	3.1	78.0	104.9	154.5	260.3	0.0	0.1	29.2	0.0	3.0	0.0
10	53.8	34.9	44.3	3.9	2.8	3.2	22.7	15.6	7.8	1.9	0.3	0.1	352.9	407.7	493.0	642.1	0.0	0.0	20.0	0.4	14.6	0.0
11	37.6	23.2	30.4	6.1	4.9	5.4	1.0	0.5	0.1	0.0	0.0	0.0	739.0	798.6	888.2	1038.0	0.0	0.0	5.3	10.4	25.7	1.0
12	25.1	9.6	17.3	4.8	6.1	5.3	0.0	0.0	0.0	0.0	0.0	0.0	1167.0	1229.0	1322.0	1477.0	0.0	0.0	0.4	22.5	30.8	8.3
Summary	51.0	30.9	40.9	4.3	4.2	4.1	1182	948	640	263	72	36	6266	6762	7548	8997	0.0	2.1	198.4	91.2	186.8	40.5

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	1.02	9.2	3.3	0.3	0.0	0.67	1.00	1.19
02	1.10	7.0	2.7	0.3	0.1	0.57	0.78	1.43
03	1.71	8.1	4.1	0.7	0.3	1.06	1.41	2.28
04	3.04	10.8	6.9	1.6	0.4	2.07	2.76	3.89
05	3.78	11.5	7.4	2.3	1.0	2.66	3.58	4.91
06	5.00	12.3	8.8	3.0	1.5	3.27	4.88	6.13
07	4.30	11.2	7.4	3.1	1.3	2.59	4.24	5.58
08	3.99	10.2	7.0	2.5	0.9	2.55	3.94	4.81
09	4.46	10.8	7.1	2.1	1.2	2.73	3.72	6.39
10	3.67	11.1	6.3	2.4	1.0	2.09	3.67	4.42
11	1.78	8.9	4.1	1.0	0.3	1.10	1.49	2.22
12	1.32	9.8	3.7	0.6	0.1	0.65	1.09	1.67
Summary	35.17	120.9	68.8	19.9	8.1	22.01	32.56	44.92

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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	10.70	9.1	4.5	1.2	0.3	0.0					6.80	10.20	13.60
02	10.20	6.5	3.9	1.2	0.5	0.0					4.50	9.10	11.60
03	9.30	4.4	2.7	0.9	0.4	0.0					5.20	8.80	11.40
04	4.20	2.4	1.7	0.6	0.2	0.0					0.00	3.20	8.00
05	0.10	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					0.00	0.00	0.00
07	0.00	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					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	0.90	0.8	0.4	0.0	0.0	0.0					0.00	0.00	1.00
11	7.90	5.0	2.8	0.7	0.4	0.1					3.10	5.10	8.70
12	14.00	9.0	4.3	1.2	0.4	0.0					6.50	13.00	21.00
Summary	57.3	37.2	20.3	5.8	2.2	0.1	0.0	0.0	0.0	0.0	26.1	49.4	75.3

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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	1.6	28.2	130.7	424.1	676.3	822.8	767.0	517.4	194.2	32.9	0.8
45	0.0	0.2	12.2	67.8	287.7	527.0	667.8	612.0	375.2	107.1	12.7	0.1
50	0.0	0.0	5.2	29.7	174.4	380.5	512.9	457.6	247.9	51.7	3.8	0.0
55	0.0	0.0	2.1	10.2	91.1	244.6	359.7	307.2	143.8	22.7	1.0	0.0
60	0.0	0.0	0.8	2.5	39.8	130.7	216.4	171.3	70.4	7.8	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.7	18.1	88.2	254.8	414.5	523.7	478.9	307.5	110.0	16.4	0.5

Growing Degree Units (Accumulated Monthly)												
40	0	2	30	160	585	1261	2084	2851	3368	3562	3595	3596
45	0	0	12	80	368	895	1563	2175	2550	2657	2670	2670
50	0	0	5	35	209	590	1103	1560	1808	1860	1864	1864
55	0	0	2	12	103	348	708	1015	1159	1181	1182	1182
60	0	0	1	3	43	174	390	562	632	640	640	640
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	19	107	362	776	1300	1779	2086	2196	2213	2213

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