

Summary of Monthly Normals
1991-2020

Current Location: Elev: 840 ft. Lat: 44.0328° N Lon: 88.1469° W
Station: **CHILTON, WI US USC00471568**

Generated on 05/20/2024

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	25.6	9.9	17.8	4.6	6.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	1154.5	1216.6	1309.6	1464.5	0.0	0.0	0.4	21.9	30.2	8.4
02	29.4	12.2	20.8	5.3	6.2	5.7	0.0	0.0	0.0	0.0	0.0	0.0	957.5	1013.5	1097.5	1237.4	0.0	0.0	0.8	16.6	27.0	6.2
03	40.9	22.4	31.6	5.0	4.7	4.8	4.6	3.4	1.9	0.4	0.0	0.0	728.5	789.3	880.8	1034.3	0.0	0.0	6.2	6.8	25.6	1.5
04	54.4	33.7	44.0	4.2	2.9	3.5	19.9	13.2	6.6	1.7	0.4	0.2	348.4	401.7	485.1	630.2	0.0	0.0	19.0	0.5	13.8	0.0
05	67.4	45.4	56.4	3.8	3.3	3.4	132.4	101.8	65.0	26.7	7.7	3.9	89.1	120.4	176.7	293.3	0.0	0.2	29.6	0.0	1.5	0.0
06	77.3	55.9	66.6	2.6	2.1	2.2	353.5	298.3	220.3	113.9	43.7	27.4	5.6	10.4	22.4	66.0	0.0	1.6	30.0	0.0	0.0	0.0
07	81.6	60.5	71.0	2.8	2.6	2.6	497.5	435.6	343.8	200.7	88.7	56.5	0.0	0.2	1.3	13.3	0.1	2.9	31.0	0.0	0.0	0.0
08	79.6	58.8	69.2	2.4	2.5	2.3	440.4	379.2	289.7	154.8	57.3	33.7	0.3	1.1	4.5	24.7	0.0	1.3	31.0	0.0	0.0	0.0
09	72.5	50.7	61.6	3.2	2.9	2.8	227.3	182.6	124.3	53.9	16.3	9.1	29.4	44.6	76.3	156.1	0.0	0.4	29.9	0.0	0.2	0.0
10	58.6	39.3	48.9	3.2	2.7	2.8	44.1	30.3	15.9	4.2	1.3	0.8	231.6	279.9	358.4	501.8	0.0	0.0	24.4	0.0	6.7	0.0
11	43.9	28.1	36.0	5.6	4.0	4.7	3.1	1.7	0.6	0.0	0.0	0.0	573.1	631.7	720.6	870.0	0.0	0.0	8.6	4.6	20.7	0.0
12	31.3	17.4	24.4	4.6	5.5	4.9	0.0	0.0	0.0	0.0	0.0	0.0	950.1	1012.1	1105.1	1260.0	0.0	0.0	1.0	16.3	28.9	3.2
Summary	55.2	36.2	45.7	3.9	3.8	3.7	1723	1446	1068	556	215	132	5068	5522	6238	7552	0.1	6.4	211.9	66.7	154.6	19.3

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	1.48	9.8	4.6	0.6	0.1	0.92	1.23	2.02
02	1.29	8.7	4.0	0.6	0.0	0.87	1.12	1.60
03	1.92	8.8	4.7	0.9	0.2	0.81	1.91	2.39
04	3.07	10.7	6.2	1.9	0.5	1.99	2.90	3.84
05	3.78	11.8	7.4	2.1	0.9	2.37	3.45	4.80
06	4.74	11.2	7.8	3.0	1.1	3.07	4.20	5.60
07	3.91	10.7	7.1	2.6	1.0	2.41	3.63	4.84
08	3.60	10.5	6.7	2.3	0.9	2.23	3.07	4.67
09	3.31	10.0	6.4	2.1	0.8	1.91	2.83	4.32
10	2.98	11.0	6.3	1.7	0.6	1.66	2.86	4.29
11	2.10	9.0	4.8	1.4	0.4	1.03	1.98	2.75
12	1.67	9.7	4.5	0.7	0.2	1.03	1.52	2.24
Summary	33.85	121.9	70.5	19.9	6.7	20.30	30.70	43.36

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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	11.30	7.3	4.2	1.5	0.6	0.1	24.8	19.6	14.6	3.1	5.60	9.80	16.60
02	11.30	6.3	3.7	1.3	0.4	0.0	23.3	19.5	14.3	3.5	7.50	10.60	14.40
03	5.80	3.7	2.1	0.9	0.1	0.0	12.3	8.9	4.8	1.4	2.60	5.90	8.30
04	2.60	1.6	1.2	0.5	0.1	0.0	2.1	0.7	0.2	0.0	0.00	1.70	4.00
05	0.10	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	0.60	0.3	0.2	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
11	1.90	2.3	1.1	0.2	0.1	0.0	4.0	0.6	0.1	0.0	0.00	1.00	3.00
12	9.90	6.4	3.9	1.1	0.4	0.1	18.3	10.9	6.7	1.5	3.00	7.00	12.40
Summary	43.5	27.9	16.4	5.6	1.7	0.2	84.9	60.3	40.7	9.5	18.7	36.0	58.7

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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	0.4	3.7	42.9	180.9	509.3	797.9	962.4	905.1	647.9	295.9	65.7	6.4
45	0.0	0.9	21.0	97.5	361.9	647.9	807.4	750.1	499.1	180.5	27.9	1.8
50	0.0	0.1	9.9	46.6	232.9	498.6	652.4	595.1	356.2	96.9	9.9	0.4
55	0.0	0.0	4.6	19.9	132.4	353.5	497.5	440.4	227.3	44.1	3.1	0.0
60	0.0	0.0	1.9	6.6	65.0	220.3	343.8	289.7	124.3	15.9	0.6	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	2.1	28.0	112.2	295.9	503.6	641.8	592.5	391.2	158.5	33.1	2.6

Growing Degree Units (Accumulated Monthly)												
40	0	4	47	228	737	1535	2498	3403	4050	4346	4412	4418
45	0	1	22	119	481	1129	1937	2687	3186	3366	3394	3396
50	0	0	10	57	290	788	1440	2036	2392	2489	2499	2499
55	0	0	5	24	157	510	1008	1448	1676	1720	1723	1723
60	0	0	2	8	74	294	638	927	1052	1068	1068	1068
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	30	142	438	942	1584	2176	2567	2726	2759	2761

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