

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 595 ft. Lat: 42.7022° N Lon: 87.7861° W

Station: **RACINE, WI US USC00476922**

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	29.6	14.5	22.1	4.4	5.5	4.9	0.0	0.0	0.0	0.0	0.0	0.0	1021.4	1083.4	1176.4	1331.4	0.0	0.0	0.9	18.0	28.3	4.4
02	32.4	17.9	25.1	4.9	5.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	835.8	891.8	975.8	1115.8	0.0	0.0	1.3	13.2	24.9	2.2
03	40.8	26.9	33.9	4.6	3.9	4.2	1.2	0.6	0.3	0.1	0.0	0.0	656.8	718.3	810.9	965.7	0.0	0.0	5.8	5.2	19.8	0.4
04	50.7	36.4	43.6	3.3	2.6	2.8	11.5	7.6	3.3	0.4	0.0	0.0	354.9	411.0	496.8	643.8	0.0	0.0	14.1	0.3	5.1	0.0
05	61.3	45.6	53.5	3.1	2.4	2.7	75.1	53.0	28.8	8.2	1.4	0.5	123.1	163.0	231.8	366.2	0.0	0.1	27.1	0.0	0.1	0.0
06	71.9	56.3	64.1	3.2	2.7	2.8	284.5	233.3	164.5	75.8	25.4	15.0	11.6	20.3	41.5	102.8	0.0	1.1	30.0	0.0	0.0	0.0
07	78.5	63.5	71.0	3.0	3.0	2.9	495.9	434.0	341.7	198.1	86.0	55.6	0.0	0.1	0.7	12.1	0.2	2.7	31.0	0.0	0.0	0.0
08	77.3	63.4	70.4	2.2	2.5	2.3	475.8	414.0	322.3	178.3	67.3	39.7	0.1	0.2	1.5	12.5	0.0	1.5	31.0	0.0	0.0	0.0
09	70.5	55.7	63.1	2.5	2.6	2.5	259.7	209.3	142.4	59.5	15.9	8.2	16.7	26.4	49.4	116.6	0.0	0.2	30.0	0.0	0.0	0.0
10	58.8	43.1	51.0	3.0	2.8	2.7	52.2	34.5	16.3	2.7	0.4	0.1	177.6	222.0	296.8	438.3	0.0	0.0	25.9	0.0	2.3	0.0
11	46.0	31.7	38.9	4.9	4.4	4.6	3.5	1.4	0.3	0.0	0.0	0.0	488.0	545.9	634.8	784.5	0.0	0.0	10.7	3.0	13.7	0.0
12	34.8	21.0	27.9	4.2	5.2	4.6	0.1	0.0	0.0	0.0	0.0	0.0	840.2	902.1	995.1	1150.1	0.0	0.0	2.0	11.6	25.1	1.7
Summary	54.4	39.7	47.0	3.6	3.6	3.5	1660	1388	1020	523	196	119	4526	4984	5712	7040	0.2	5.6	209.8	51.3	119.3	8.7

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	1.98	10.2	5.1	1.2	0.2	1.27	1.72	2.78
02	1.92	8.4	4.1	1.1	0.3	0.89	1.33	2.57
03	2.42	9.7	5.2	1.6	0.5	1.30	1.88	3.75
04	3.94	11.8	7.5	2.5	0.9	3.04	3.56	4.79
05	4.32	12.6	8.1	2.7	1.2	2.70	3.55	5.72
06	4.35	11.2	7.1	3.2	1.0	2.75	4.60	5.65
07	3.27	9.0	5.5	2.0	0.8	2.39	2.88	3.91
08	3.75	9.4	6.1	2.3	1.2	1.87	3.66	5.27
09	3.34	9.2	5.7	2.3	0.7	2.08	3.01	4.79
10	3.07	9.9	6.0	2.1	0.7	1.45	2.62	4.17
11	2.53	8.8	5.2	1.6	0.4	1.66	2.10	3.25
12	2.09	9.7	5.1	1.2	0.4	1.29	1.95	2.45
Summary	36.98	119.9	70.7	23.8	8.3	22.69	32.86	49.10

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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	13.30	6.4	4.8	2.0	0.9	0.1	18.7	11.7	7.8	3.0	6.20	12.20	20.60
02	10.90	4.5	3.3	1.3	0.6	0.1	15.1	9.0	6.3	2.7	2.50	5.10	13.80
03	5.50	2.7	1.7	0.5	0.3	0.1	6.4	3.2	1.8	0.2	1.00	3.80	8.00
04	1.00	0.7	0.4	0.2	0.0	0.0	0.6	0.1	0.0	0.0	0.00	0.00	1.20
05	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	1.90	1.1	0.8	0.1	0.0	0.0	1.7	0.4	0.1	0.0	0.00	0.20	2.50
12	8.40	4.2	2.7	1.0	0.4	0.0	9.4	5.2	3.7	1.8	1.50	5.00	13.30
Summary	41.0	19.6	13.7	5.1	2.2	0.3	51.9	29.6	19.7	7.7	11.2	26.3	59.4

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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	2.3	5.6	40.6	155.2	417.6	722.9	960.8	940.7	692.9	349.8	98.2	11.8
45	0.3	1.1	16.8	74.8	272.7	573.0	805.8	785.7	543.6	220.4	42.0	3.0
50	0.1	0.1	5.4	31.3	155.3	424.9	651.0	630.8	397.4	121.1	14.8	0.8
55	0.0	0.0	1.2	11.5	75.1	284.5	495.9	475.8	259.7	52.2	3.5	0.1
60	0.0	0.0	0.3	3.3	28.8	164.5	341.7	322.3	142.4	16.3	0.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.5	3.0	22.7	69.4	194.9	427.2	640.4	625.2	408.3	163.7	37.4	4.4

Growing Degree Units (Accumulated Monthly)												
40	2	8	48	204	621	1344	2305	3246	3939	4288	4387	4398
45	0	1	18	93	366	939	1744	2530	3074	3294	3336	3339
50	0	0	6	37	192	617	1268	1899	2296	2417	2432	2433
55	0	0	1	13	88	372	868	1344	1604	1656	1659	1660
60	0	0	0	4	32	197	539	861	1003	1020	1020	1020
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	4	27	97	292	719	1359	1984	2393	2556	2594	2598

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

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