

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1103 ft. Lat: 45.4167° N Lon: 91.7725° W

Station: RICE LAKE, WI US USC00477132

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	21.6	1.7	11.6	4.8	7.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1343.5	1405.5	1498.6	1653.6	0.0	0.0	0.0	26.0	30.9	14.7
02	27.2	4.8	16.0	5.9	7.4	6.5	0.0	0.0	0.0	0.0	0.0	0.0	1091.8	1147.8	1231.9	1371.9	0.0	0.0	0.5	19.0	27.6	10.9
03	39.6	18.1	28.9	5.4	6.1	5.6	2.6	1.6	0.7	0.0	0.0	0.0	813.3	874.3	966.3	1120.7	0.0	0.0	5.4	8.4	26.8	3.5
04	54.3	31.6	43.0	5.0	3.5	4.1	15.9	10.2	4.8	0.8	0.1	0.0	377.4	431.7	516.3	662.3	0.0	0.0	18.4	1.0	16.0	0.0
05	67.8	44.7	56.2	3.9	3.0	3.3	131.7	100.2	63.2	24.7	6.8	3.4	93.0	123.6	179.5	296.0	0.0	0.4	29.3	0.0	2.6	0.0
06	77.3	54.7	66.0	2.6	2.4	2.3	336.8	282.3	206.2	101.3	33.4	19.0	7.0	12.4	26.3	71.4	0.0	0.9	30.0	0.0	0.0	0.0
07	81.4	58.8	70.1	3.1	2.6	2.7	468.2	406.9	316.6	177.2	73.0	45.0	0.2	0.9	3.6	19.1	0.0	2.5	31.0	0.0	0.0	0.0
08	79.5	56.3	67.9	2.6	2.3	2.3	401.0	340.6	253.0	126.2	43.4	24.4	1.2	2.9	8.2	36.4	0.0	1.4	31.0	0.0	0.0	0.0
09	71.4	47.8	59.6	3.3	3.3	3.0	186.4	147.3	97.7	40.1	12.2	6.6	48.5	69.4	109.8	202.2	0.0	0.3	29.6	0.0	1.2	0.0
10	56.8	35.3	46.1	3.8	2.7	3.1	27.8	19.1	10.1	2.9	0.5	0.3	305.2	358.5	442.5	590.3	0.0	0.0	22.1	0.2	12.6	0.0
11	40.4	22.9	31.7	6.2	4.9	5.5	0.9	0.4	0.0	0.0	0.0	0.0	701.4	760.9	850.5	1000.5	0.0	0.0	6.3	8.3	25.0	0.8
12	27.1	10.0	18.5	5.2	6.7	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1129.8	1191.8	1284.8	1439.8	0.0	0.0	0.4	20.5	30.5	7.6
Summary	53.7	32.2	43.0	4.3	4.3	4.2	1571	1309	952	473	169	99	5912	6380	7118	8464	0.0	5.5	204.0	83.4	173.2	37.5

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	0.89	7.6	3.1	0.2	0.0	0.55	0.80	1.09
02	0.82	5.9	2.4	0.3	0.0	0.38	0.79	1.10
03	1.47	7.1	3.9	0.7	0.2	0.92	1.27	1.79
04	2.77	10.1	6.2	1.9	0.4	1.65	2.50	3.65
05	3.85	12.0	7.6	2.8	0.8	2.80	3.64	4.80
06	4.17	12.4	8.0	2.8	0.8	2.91	4.03	5.14
07	3.98	10.7	6.8	2.9	1.1	2.65	3.33	5.25
08	4.21	10.5	7.0	2.8	1.1	2.28	4.57	6.04
09	3.34	10.5	5.8	1.9	1.0	2.08	3.10	4.04
10	3.03	9.8	5.8	1.8	0.7	1.71	2.62	4.34
11	1.68	7.0	3.8	1.0	0.4	0.81	1.30	1.96
12	1.22	7.7	3.6	0.5	0.1	0.67	1.08	1.74
Summary	31.43	111.3	64.0	19.6	6.6	19.41	29.03	40.94

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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	10.50	6.8	4.5	0.9	0.3	0.0	28.1	23.9	19.9	8.9	5.60	9.90	14.70
02	10.70	5.4	3.8	1.4	0.4	0.0	26.9	23.1	20.2	9.1	4.90	10.00	14.30
03	8.90	3.5	2.7	1.1	0.5	0.1	18.6	15.4	11.7	4.0	2.60	6.60	15.60
04	3.50	1.6	1.2	0.4	0.2	0.0	3.3	1.8	1.0	0.2	0.00	1.40	3.70
05	0.50	0.1	0.1	0.1	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	0.4	0.3	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.00
11	5.70	2.8	2.0	0.6	0.2	0.1	5.4	3.0	2.0	0.1	1.00	3.50	7.40
12	11.90	6.4	4.4	1.4	0.6	0.0	21.6	15.2	10.3	3.7	4.90	8.70	15.60
Summary	52.5	27.0	19.0	6.0	2.2	0.2	104.3	82.6	65.2	26.0	19.0	40.1	71.3

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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	1.4	31.6	169.6	506.6	779.7	932.8	864.6	588.1	230.2	38.2	1.7
45	0.0	0.2	13.9	91.7	361.6	629.8	777.9	709.7	441.2	132.3	14.7	0.2
50	0.0	0.0	6.4	41.9	233.8	481.0	623.0	554.8	304.1	65.8	4.5	0.0
55	0.0	0.0	2.6	15.9	131.7	336.8	468.2	401.0	186.4	27.8	0.9	0.0
60	0.0	0.0	0.7	4.8	63.2	206.2	316.6	253.0	97.7	10.1	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	1.0	22.7	112.8	302.2	491.8	613.8	556.8	358.3	138.8	24.4	1.1

Growing Degree Units (Accumulated Monthly)												
40	0	1	33	203	709	1489	2422	3286	3874	4105	4143	4144
45	0	0	14	106	467	1097	1875	2585	3026	3158	3173	3173
50	0	0	6	48	282	763	1386	1941	2245	2311	2315	2315
55	0	0	3	18	150	487	955	1356	1543	1570	1571	1571
60	0	0	1	6	69	275	592	844	942	952	952	952
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	24	136	439	930	1544	2101	2459	2598	2623	2624

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