

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 120 ft. Lat: 30.4653° N Lon: 83.4022° W
Station: **MADISON, FL US USC00085275**

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	63.0	40.2	51.6	3.9	4.5	3.8	72.7	51.4	28.2	7.7	1.1	0.3	177.9	218.6	288.4	423.0	0.0	0.0	28.4	0.0	8.3	0.0
02	67.0	43.6	55.3	3.8	4.6	3.9	101.9	75.0	43.0	12.2	1.3	0.3	93.5	122.5	174.6	283.8	0.0	0.0	26.9	0.0	4.9	0.0
03	73.4	48.4	60.9	3.6	4.4	3.7	220.0	174.3	113.9	41.3	7.6	2.7	37.1	53.4	86.0	168.4	0.0	0.0	30.7	0.0	1.3	0.0
04	79.2	54.8	67.0	2.1	3.5	2.6	364.6	308.7	228.5	114.0	37.3	18.8	4.5	8.7	18.5	54.0	0.0	0.6	30.0	0.0	0.0	0.0
05	85.8	62.4	74.1	1.9	2.3	1.9	592.1	530.3	437.9	288.1	151.0	103.5	0.1	0.2	0.8	6.1	0.0	10.5	31.0	0.0	0.0	0.0
06	89.7	69.5	79.6	2.5	1.7	1.9	737.9	677.9	587.9	437.9	288.2	228.9	0.0	0.0	0.0	0.0	0.5	19.3	30.0	0.0	0.0	0.0
07	90.9	71.5	81.2	1.6	1.3	1.2	812.2	750.2	657.2	502.2	347.2	285.2	0.0	0.0	0.0	0.0	0.2	24.9	31.0	0.0	0.0	0.0
08	90.6	71.6	81.1	1.8	1.4	1.4	809.0	747.0	654.0	499.0	344.0	282.1	0.0	0.0	0.0	0.0	0.3	23.4	31.0	0.0	0.0	0.0
09	87.0	67.9	77.5	1.6	2.0	1.3	673.4	613.4	523.5	374.2	228.7	173.5	0.0	0.0	0.0	0.7	0.0	13.6	30.0	0.0	0.0	0.0
10	80.5	58.1	69.3	2.1	3.0	2.3	447.4	388.7	302.9	173.3	73.0	44.8	4.2	7.4	14.7	40.1	0.0	1.3	31.0	0.0	0.0	0.0
11	71.7	48.6	60.1	3.5	4.0	3.5	198.8	157.1	103.8	42.1	10.8	5.2	44.2	62.5	99.2	187.5	0.0	0.0	29.8	0.0	1.9	0.0
12	65.5	43.0	54.3	3.5	5.0	4.1	107.9	80.4	47.2	13.7	2.1	0.7	131.1	165.6	225.4	346.9	0.0	0.0	29.7	0.0	6.7	0.0
Summary	78.7	56.6	67.7	2.7	3.1	2.6	5138	4554	3728	2506	1492	1146	493	639	908	1510	1.0	93.6	359.5	0.0	23.1	0.0

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	4.92	9.0	6.4	3.1	2.0	2.69	4.53	5.90
02	3.84	7.9	5.5	2.6	1.0	1.98	2.97	5.34
03	5.06	7.4	5.6	2.8	1.4	2.18	4.55	7.95
04	2.91	6.2	4.3	1.9	0.6	1.22	2.59	4.41
05	2.66	6.1	4.2	1.8	0.6	1.42	2.42	3.69
06	7.62	11.6	9.2	5.0	2.6	4.85	6.88	9.25
07	6.17	12.8	9.7	4.4	1.8	4.83	5.98	6.99
08	6.57	12.9	9.3	4.1	2.1	4.56	6.16	8.20
09	3.96	8.4	6.1	2.7	1.2	1.83	3.01	4.77
10	3.29	4.8	3.7	1.8	1.1	2.12	3.25	4.12
11	2.32	5.2	3.3	1.4	0.7	0.91	2.19	3.69
12	3.45	7.4	5.1	2.2	1.0	1.92	2.93	3.97
Summary	52.77	99.7	72.4	33.8	16.1	30.51	47.46	68.28

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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	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
02	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
03	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
04	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
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	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
12	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
Summary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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	374.9	432.1	649.0	810.0	1057.1	1188.0	1277.2	1274.1	1123.5	908.3	606.0	448.8
45	246.9	302.8	497.1	660.1	902.1	1037.9	1122.2	1119.0	973.4	753.4	459.6	312.0
50	144.5	189.7	351.3	510.6	747.1	887.9	967.2	964.0	823.4	599.0	320.8	195.2
55	72.7	101.9	220.0	364.6	592.1	737.9	812.2	809.0	673.4	447.4	198.8	107.9
60	28.2	43.0	113.9	228.5	437.9	587.9	657.2	654.0	523.5	302.9	103.8	47.2
Growing Degree Units for Corn (Monthly)												
50/86	226.7	263.2	409.3	529.6	719.6	824.3	887.8	888.7	787.8	608.1	378.7	270.3

Growing Degree Units (Accumulated Monthly)												
40	375	807	1456	2266	3323	4511	5788	7062	8186	9094	9700	10149
45	247	550	1047	1707	2609	3647	4769	5888	6862	7615	8074	8386
50	144	334	686	1196	1943	2831	3798	4762	5586	6185	6506	6701
55	73	175	395	759	1351	2089	2901	3710	4384	4831	5030	5138
60	28	71	185	414	852	1439	2097	2751	3274	3577	3681	3728
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	227	490	899	1429	2148	2973	3860	4749	5537	6145	6524	6794

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