

Summary of Monthly Normals 1991-2020

Generated on 10/19/2021

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	78.0	55.1	66.5	2.5	3.8	2.9	367.7	310.5	230.3	117.0	38.7	19.0	9.5	14.4	27.2	68.8	0.0	0.0	30.9	0.0	0.3	0.0
02	80.7	57.0	68.8	3.0	3.9	3.1	390.2	336.2	258.9	143.9	56.9	31.9	2.4	4.4	11.2	36.1	0.0	0.1	28.0	0.0	0.2	0.0
03	83.0	58.2	70.6	2.7	4.0	2.9	483.8	422.5	332.8	193.8	81.9	49.0	0.2	0.9	4.2	20.1	0.0	2.2	31.0	0.0	0.0	0.0
04	87.0	61.7	74.4	2.3	2.3	1.9	580.5	520.6	430.9	283.4	145.7	98.0	0.0	0.0	0.4	2.9	0.0	7.8	30.0	0.0	0.0	0.0
05	90.5	65.9	78.2	1.5	2.7	1.6	719.2	657.2	564.2	409.3	255.2	195.2	0.0	0.0	0.0	0.1	0.0	20.3	31.0	0.0	0.0	0.0
06	92.3	72.5	82.4	1.7	2.1	1.2	822.0	762.0	672.0	521.9	371.9	312.0	0.0	0.0	0.0	0.0	0.3	25.2	30.0	0.0	0.0	0.0
07	93.4	75.1	84.3	1.0	1.6	1.0	906.7	844.7	751.7	596.7	441.7	379.7	0.0	0.0	0.0	0.0	0.2	28.2	31.0	0.0	0.0	0.0
08	93.6	75.8	84.7	1.0	1.0	0.7	920.7	858.7	765.7	610.7	455.7	393.7	0.0	0.0	0.0	0.0	0.2	28.2	31.0	0.0	0.0	0.0
09	92.2	75.7	83.9	1.3	1.0	1.0	868.5	808.5	718.5	568.4	418.4	358.5	0.0	0.0	0.0	0.0	0.1	24.7	30.0	0.0	0.0	0.0
10	88.6	71.2	79.9	1.8	2.1	1.7	771.9	709.9	616.9	462.5	309.5	249.4	0.0	0.0	0.1	0.6	0.0	13.6	31.0	0.0	0.0	0.0
11	83.5	63.8	73.6	1.7	3.4	2.3	559.7	499.9	410.8	267.5	136.8	92.6	0.2	0.4	1.2	7.9	0.0	1.7	30.0	0.0	0.0	0.0
12	80.1	59.0	69.6	2.6	4.5	3.3	454.7	395.5	309.4	178.8	74.5	43.8	3.7	6.4	13.4	37.8	0.0	0.1	31.0	0.0	0.2	0.0
Summary	86.9	65.9	76.4	1.9	2.7	2.0	7846	7126	6062	4354	2787	2223	16	26	58	174	0.8	152.1	364.9	0.0	0.7	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	1.92	7.0	3.3	1.4	0.5	0.71	1.38	2.74
02	1.56	5.6	2.8	1.0	0.3	0.56	1.19	2.04
03	2.10	5.8	3.5	1.5	0.7	0.77	1.55	3.34
04	3.02	6.1	4.0	2.1	1.1	1.88	3.10	4.11
05	5.77	9.0	6.4	3.6	1.8	2.96	4.71	7.78
06	10.45	18.0	12.6	6.6	3.6	7.64	9.81	12.22
07	9.13	17.6	12.4	5.7	2.7	6.56	8.77	10.41
08	9.66	19.9	13.6	6.6	2.9	7.38	9.52	11.19
09	8.09	17.8	12.2	5.1	2.6	5.37	7.87	9.83
10	5.16	11.3	6.1	2.6	1.5	1.58	4.95	8.61
11	1.88	5.5	2.4	0.9	0.5	0.27	0.89	3.02
12	1.63	6.0	2.7	1.0	0.6	0.58	1.29	2.14
Summary	60.37	129.6	82.0	38.1	18.8	36.26	55.03	77.43

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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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	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
03	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
04	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
05	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
06	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
07	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
08	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
09	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
10	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
11	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
12	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
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
40	823.2	807.8	948.6	1030.5	1184.2	1272.0	1371.7	1385.7	1318.5	1236.9	1009.5	916.0
45	668.7	667.8	793.6	880.5	1029.2	1122.0	1216.7	1230.7	1168.5	1081.9	859.5	761.1
50	516.1	528.0	638.6	730.5	874.2	972.0	1061.7	1075.7	1018.5	926.9	709.5	607.0
55	367.7	390.2	483.8	580.5	719.2	822.0	906.7	920.7	868.5	771.9	559.7	454.7
60	230.3	258.9	332.8	430.9	564.2	672.0	751.7	765.7	718.5	616.9	410.8	309.4
Growing Degree Units for Corn (Monthly)												
50/86	539.9	538.5	638.1	698.1	799.9	875.5	946.1	957.2	923.9	875.3	701.6	617.0

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	823	1631	2580	3610	4794	6066	7438	8824	10142	11379	12389	13305
45	669	1336	2130	3011	4040	5162	6378	7609	8778	9860	10719	11480
50	516	1044	1683	2413	3287	4259	5321	6397	7415	8342	9052	9659
55	368	758	1242	1822	2541	3363	4270	5191	6059	6831	7391	7846
60	230	489	822	1253	1817	2489	3241	4006	4725	5342	5753	6062
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	540	1078	1716	2415	3214	4090	5036	5993	6917	7792	8494	9111

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

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