

## Summary of Monthly Normals 1991-2020

Generated on 12/03/2021

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	62.6	38.0	50.3	3.5	4.1	3.7	66.2	47.6	27.0	6.9	0.6	0.3	211.6	255.0	327.5	462.4	0.0	0.0	27.6	0.0	10.7	0.0
02	65.9	41.5	53.7	3.7	3.5	3.4	81.6	59.0	32.8	7.4	0.7	0.1	118.0	151.5	209.2	323.8	0.0	0.0	27.1	0.0	6.2	0.0
03	71.9	46.7	59.3	3.2	3.8	3.4	184.2	142.9	89.8	29.6	5.1	1.6	51.0	71.6	111.4	206.3	0.0	0.1	30.7	0.0	2.4	0.0
04	77.7	52.7	65.2	2.3	3.5	2.7	315.8	261.7	187.3	87.4	26.8	13.7	9.7	15.6	31.2	81.3	0.0	1.4	30.0	0.0	0.4	0.0
05	83.7	61.0	72.3	2.0	2.2	1.9	538.0	476.4	384.6	239.3	115.4	75.9	0.2	0.6	1.8	11.5	0.0	6.6	31.0	0.0	0.0	0.0
06	88.2	68.2	78.2	2.6	1.4	1.8	695.9	636.0	546.0	396.0	247.4	190.0	0.0	0.0	0.0	0.0	0.1	14.6	30.0	0.0	0.0	0.0
07	90.9	70.9	80.9	1.5	0.9	1.0	802.8	740.8	647.8	492.8	337.9	275.9	0.0	0.0	0.0	0.0	0.1	21.2	31.0	0.0	0.0	0.0
08	89.2	71.1	80.2	1.7	1.0	1.1	779.6	717.6	624.6	469.6	314.7	252.9	0.0	0.0	0.0	0.0	0.2	18.8	31.0	0.0	0.0	0.0
09	85.3	67.4	76.4	1.8	1.9	1.4	640.3	580.4	490.4	341.6	198.2	144.0	0.0	0.0	0.0	1.2	0.0	6.7	30.0	0.0	0.0	0.0
10	78.6	57.3	68.0	1.9	4.2	2.8	407.4	349.5	266.5	143.4	53.8	31.1	6.0	10.1	20.0	52.0	0.0	0.7	31.0	0.0	0.1	0.0
11	70.4	47.6	59.0	2.7	4.0	3.2	170.6	131.5	82.9	31.5	8.1	4.1	50.5	71.4	112.8	211.4	0.0	0.0	30.0	0.0	2.3	0.0
12	64.5	41.5	53.0	4.3	4.7	4.4	94.1	69.7	40.1	11.7	1.5	0.4	156.0	193.7	257.1	383.7	0.0	0.0	29.6	0.0	7.7	0.0
Summary	77.4	55.3	66.4	2.6	2.9	2.6	4776	4213	3420	2257	1310	990	603	770	1071	1734	0.4	70.1	359.0	0.0	29.8	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	3.61	7.3	4.8	2.1	0.9	1.70	3.36	4.70
02	3.67	7.9	5.8	2.4	1.1	2.37	3.52	4.64
03	3.58	6.9	5.3	2.1	0.8	2.34	2.94	4.68
04	3.52	6.0	4.8	2.3	1.1	1.66	3.11	4.76
05	3.92	6.0	4.6	2.3	1.0	1.64	2.74	5.81
06	6.20	11.5	8.7	3.9	2.2	3.54	6.26	7.56
07	5.51	11.9	8.9	3.6	1.6	3.03	4.75	8.34
08	7.76	14.1	10.6	4.7	2.5	5.53	7.65	9.85
09	6.70	11.0	8.7	3.8	2.1	3.70	5.78	10.25
10	4.74	6.8	5.3	2.3	1.1	1.57	4.11	7.35
11	2.33	5.3	3.3	1.2	0.7	0.89	1.74	3.68
12	3.04	6.9	4.9	2.0	0.6	1.61	2.32	3.79
Summary	54.58	101.6	75.7	32.7	15.7	29.58	48.28	75.41

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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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<b>Growing Degree Units (Monthly)</b>												
<b>Base</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
40	342.5	387.7	599.1	756.1	1002.8	1146.0	1267.9	1244.6	1090.4	866.4	570.4	413.0
45	221.7	261.0	448.0	606.6	847.8	995.9	1112.8	1089.6	940.3	711.5	424.2	279.7
50	129.9	157.0	306.1	458.7	692.8	845.9	957.8	934.6	790.3	557.5	287.9	173.1
55	66.2	81.6	184.2	315.8	538.0	695.9	802.8	779.6	640.3	407.4	170.6	94.1
60	27.0	32.8	89.8	187.3	384.6	546.0	647.8	624.6	490.4	266.5	82.9	40.1
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	218.0	239.1	374.4	486.5	675.9	796.8	878.7	876.6	769.3	574.6	350.9	251.6

<b>Growing Degree Units (Accumulated Monthly)</b>												
<b>Base</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
40	342	730	1329	2085	3088	4234	5502	6747	7837	8704	9274	9687
45	222	483	931	1537	2385	3381	4494	5583	6524	7235	7659	7939
50	130	287	593	1052	1744	2590	3548	4483	5273	5831	6118	6292
55	66	148	332	648	1186	1882	2684	3464	4104	4512	4682	4776
60	27	60	150	337	722	1268	1915	2540	3030	3297	3380	3420
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	218	457	832	1318	1994	2791	3669	4546	5315	5890	6241	6492

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

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