

## Summary of Monthly Normals 1991-2020

Generated on 05/10/2021

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	31.6	12.9	22.3	4.2	5.6	4.8	0.2	0.1	0.0	0.0	0.0	0.0	1015.3	1077.2	1170.1	1325.2	0.0	0.0	1.6	16.8	29.9	6.2
02	34.8	14.7	24.7	4.2	5.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0	846.9	902.9	986.9	1127.0	0.0	0.0	2.2	11.0	27.1	4.1
03	43.6	23.3	33.4	4.3	3.8	3.9	2.5	1.5	0.6	0.0	0.0	0.0	670.5	731.5	823.7	978.1	0.0	0.0	8.2	4.1	26.7	1.1
04	57.5	33.3	45.4	3.1	1.9	2.2	23.5	16.5	9.1	2.2	0.2	0.0	311.5	364.5	447.1	590.2	0.0	0.2	22.4	0.2	16.0	0.0
05	69.3	44.1	56.7	3.4	2.2	2.5	121.6	90.5	55.3	20.4	5.1	2.4	68.9	99.9	157.6	277.8	0.0	1.0	30.2	0.0	3.2	0.0
06	77.8	53.7	65.8	2.2	1.9	1.5	326.6	270.9	193.6	93.8	34.0	20.4	4.1	8.5	21.2	71.3	0.0	2.8	30.0	0.0	0.0	0.0
07	83.0	59.2	71.1	2.8	2.0	2.2	499.0	437.1	344.8	199.5	86.7	56.5	0.0	0.1	0.8	10.4	0.1	5.3	31.0	0.0	0.0	0.0
08	81.7	57.2	69.5	2.2	2.0	1.9	448.1	386.5	295.5	159.3	62.6	38.3	0.2	0.6	2.6	21.4	0.0	3.5	31.0	0.0	0.0	0.0
09	73.7	49.0	61.4	2.4	2.7	2.3	218.0	174.2	118.1	50.4	15.8	8.3	27.6	43.8	77.7	159.9	0.0	0.9	30.0	0.0	1.2	0.0
10	60.9	37.8	49.3	2.9	3.0	2.6	38.2	25.2	11.9	2.6	0.3	0.1	213.3	262.3	342.0	487.7	0.0	0.0	27.6	0.0	11.2	0.0
11	48.4	28.7	38.6	3.8	2.6	3.0	4.0	2.0	0.5	0.0	0.0	0.0	497.5	555.5	644.0	793.5	0.0	0.0	12.5	1.5	21.1	0.0
12	37.1	19.5	28.3	3.7	3.8	3.6	0.2	0.0	0.0	0.0	0.0	0.0	827.8	889.7	982.6	1137.7	0.0	0.0	3.3	9.9	28.3	1.4
Summary	58.3	36.1	47.2	3.3	3.1	2.9	1682	1404	1029	528	205	126	4484	4936	5656	6980	0.1	13.7	230.0	43.5	164.7	12.8

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	2.80	11.2	6.3	2.1	0.4	1.98	2.87	3.32
02	2.75	10.0	6.2	1.8	0.5	1.79	2.69	3.25
03	3.28	11.5	6.7	2.2	0.6	2.59	3.03	3.98
04	3.43	11.4	6.9	2.3	0.7	2.23	3.31	4.30
05	3.47	12.4	7.3	2.2	0.5	2.35	3.58	4.38
06	3.77	12.8	7.4	2.5	0.9	2.05	3.21	5.14
07	3.62	10.9	6.4	2.5	0.8	2.11	3.49	4.35
08	3.63	9.9	6.2	2.3	1.1	1.96	3.14	4.73
09	3.63	9.3	5.9	2.2	0.9	2.30	3.30	4.79
10	4.43	10.6	6.8	2.8	1.3	2.58	4.04	5.81
11	3.44	10.8	6.4	2.5	0.8	2.44	3.36	4.08
12	3.70	12.0	7.1	2.6	1.0	3.12	3.60	4.59
Summary	41.95	132.8	79.6	28.0	9.5	27.50	39.62	52.72

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**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 05/10/2021

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	17.1	8.1	4.2	2.2	0.9	0.2	25.4	20.7	16.1	7.1	9.5	15.3	22.8
02	16.9	7.6	4.1	1.8	1.1	0.2	24.3	21.6	17.9	12.0	10.1	14.7	22.8
03	13.6	5.2	3.0	1.5	1.0	0.3	19.3	16.5	14.8	9.4	6.0	12.5	20.2
04	2.5	1.3	0.6	0.3	0.2	0.0	3.1	2.3	1.5	0.6	0.0	0.2	3.2
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	0.8	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0
11	2.5	1.6	0.9	0.2	0.1	0.0	2.8	1.6	0.6	0.1	0.0	0.6	2.6
12	14.3	6.3	3.6	1.7	0.8	0.2	16.7	11.9	8.7	3.3	5.2	13.4	20.0
Summary	67.7	30.3	16.5	7.8	4.2	0.9	91.7	74.7	59.7	32.6	30.8	56.7	91.6

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## Summary of Monthly Normals 1991-2020

Generated on 05/10/2021

<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	5.4	5.2	37.5	196.4	518.0	772.4	964.0	912.9	640.5	302.9	85.1	12.0
45	1.5	1.1	15.5	105.2	366.3	622.5	809.0	757.9	491.4	180.6	37.7	3.3
50	0.7	0.2	6.4	51.6	228.7	472.9	654.0	602.9	347.4	92.1	14.0	0.8
55	0.2	0.0	2.5	23.5	121.6	326.6	499.0	448.1	218.0	38.2	4.0	0.2
60	0.0	0.0	0.6	9.1	55.3	193.6	344.8	295.5	118.1	11.9	0.5	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	3.7	5.1	31.3	138.5	313.0	483.4	635.2	596.0	402.0	183.2	51.8	7.5

<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	5	11	48	244	762	1535	2499	3412	4052	4355	4440	4452
45	2	3	18	123	490	1112	1921	2679	3170	3351	3389	3392
50	1	1	7	59	288	760	1414	2017	2365	2457	2471	2472
55	0	0	3	26	148	474	973	1422	1640	1678	1682	1682
60	0	0	1	10	65	259	603	899	1017	1029	1029	1029
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	4	9	40	179	492	975	1610	2206	2608	2791	2843	2851

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

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