

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 10/22/2021

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	19.6	-2.0	8.8	5.3	7.9	6.5	0.0	0.0	0.0	0.0	0.0	0.0	1431.9	1493.9	1587.0	1742.1	0.0	0.0	0.1	26.5	31.0	16.5
02	25.4	0.9	13.2	5.8	8.2	6.9	0.0	0.0	0.0	0.0	0.0	0.0	1171.6	1227.6	1311.7	1451.8	0.0	0.0	0.4	19.8	27.7	13.4
03	38.4	14.8	26.6	5.3	6.0	5.6	0.7	0.4	0.1	0.0	0.0	0.0	881.2	942.9	1035.6	1190.4	0.0	0.0	5.5	8.7	28.8	4.7
04	53.0	28.8	40.9	5.0	3.3	4.0	9.0	5.4	2.2	0.3	0.0	0.0	432.0	488.4	575.2	723.3	0.0	0.0	17.8	1.2	20.4	0.0
05	66.6	42.8	54.7	3.6	3.0	3.1	101.4	74.9	44.9	15.1	2.9	1.4	110.8	146.3	209.3	334.4	0.0	0.4	29.1	0.0	3.0	0.0
06	75.8	53.3	64.6	2.9	2.4	2.4	294.2	240.8	167.6	71.8	20.8	11.6	7.9	14.4	31.2	85.3	0.0	0.9	30.0	0.0	0.0	0.0
07	80.1	57.8	68.9	3.1	2.5	2.6	432.8	371.6	282.2	148.3	53.8	31.3	0.4	1.2	4.8	25.9	0.0	2.3	31.0	0.0	0.0	0.0
08	78.4	55.0	66.7	2.8	2.4	2.3	364.2	304.3	218.5	100.3	31.6	17.3	1.6	3.7	10.9	47.7	0.0	1.3	31.0	0.0	0.1	0.0
09	69.9	46.2	58.1	3.2	3.3	2.9	153.6	118.4	74.7	28.0	7.2	3.5	62.3	87.0	133.2	236.5	0.0	0.2	29.5	0.0	2.1	0.0
10	55.2	33.8	44.5	4.1	2.9	3.2	21.6	14.4	6.6	1.1	0.0	0.0	347.1	401.9	487.1	636.6	0.0	0.0	20.9	0.6	14.6	0.0
11	38.3	20.8	29.6	6.4	5.0	5.6	0.4	0.2	0.0	0.0	0.0	0.0	763.9	823.7	913.5	1063.5	0.0	0.0	5.4	10.6	26.7	1.3
12	24.8	7.4	16.1	5.4	6.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0	1205.7	1267.7	1360.8	1515.8	0.0	0.0	0.2	22.7	30.8	9.5
Summary	52.1	30.0	41.1	4.4	4.5	4.2	1378	1130	797	365	116	65	6416	6899	7660	9053	0.0	5.1	200.9	90.1	185.2	45.4

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	0.80	7.5	2.6	0.3	0.0	0.43	0.71	1.03
02	0.78	6.3	2.3	0.3	0.0	0.36	0.71	1.14
03	1.47	7.1	3.9	0.9	0.2	0.79	1.40	1.82
04	2.54	9.2	5.5	1.8	0.4	1.71	2.16	3.56
05	3.93	12.5	7.7	2.8	0.9	2.54	3.70	4.48
06	4.64	13.0	8.2	2.6	1.1	3.33	4.45	6.36
07	4.37	11.6	7.0	2.8	1.2	2.79	3.63	5.70
08	3.59	10.1	6.1	2.6	1.0	2.27	3.33	4.72
09	3.00	10.4	5.7	2.0	0.6	1.99	2.94	3.74
10	2.98	9.9	5.6	1.8	0.7	1.29	2.78	4.40
11	1.49	7.1	3.8	0.8	0.2	0.66	1.25	2.17
12	1.04	8.5	2.8	0.3	0.1	0.56	0.95	1.43
Summary	30.63	113.2	61.2	19.0	6.4	18.72	28.01	40.55

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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	10.0	6.1	3.5	1.1	0.3	0.1	28.7	25.6	23.1	13.5	3.2	6.9	16.0
02	8.3	5.0	2.6	0.9	0.5	0.0	27.3	24.6	22.2	15.0	3.3	6.9	10.0
03	9.2	3.5	2.7	1.1	0.6	0.0	21.8	18.9	16.1	10.8	4.1	7.5	12.8
04	4.3	1.7	1.4	0.6	0.3	0.0	4.8	3.7	2.8	0.8	0.3	3.5	6.5
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	0.7	0.6	0.5	0.1	0.0	0.0	0.6	0.3	0.1	0.0	0.0	0.0	0.6
11	5.7	3.2	2.1	0.9	0.4	0.0	10.2	5.6	3.5	0.9	0.7	4.3	9.3
12	10.0	6.7	4.0	1.2	0.2	0.0	24.7	19.9	14.3	5.3	5.2	9.7	13.1
Summary	48.2	26.8	16.8	5.9	2.3	0.1	118.1	98.6	82.1	46.3	16.8	38.8	68.3

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## Summary of Monthly Normals 1991-2020

Generated on 10/22/2021

<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	0.0	0.8	19.4	131.6	459.3	736.3	897.3	827.5	542.2	197.1	28.7	0.2
45	0.0	0.1	7.6	66.0	317.2	586.3	742.3	672.5	397.0	108.0	10.8	0.0
50	0.0	0.0	2.6	27.1	193.7	437.3	587.4	517.7	263.5	51.7	3.0	0.0
55	0.0	0.0	0.7	9.0	101.4	294.2	432.8	364.2	153.6	21.6	0.4	0.0
60	0.0	0.0	0.1	2.2	44.9	167.6	282.2	218.5	74.7	6.6	0.0	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	0.1	0.9	19.8	103.6	276.1	453.0	582.9	524.8	328.5	124.0	21.0	0.3

<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	0	1	20	152	611	1347	2245	3072	3614	3811	3840	3840
45	0	0	8	74	391	977	1720	2392	2789	2897	2908	2908
50	0	0	3	30	223	661	1248	1766	2029	2081	2084	2084
55	0	0	1	10	111	405	838	1202	1356	1377	1378	1378
60	0	0	0	2	47	215	497	716	790	797	797	797
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	0	1	21	124	400	854	1436	1961	2290	2414	2435	2435

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

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