

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 11/28/2021

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	46.0	33.2	39.6	2.4	3.1	2.6	0.1	0.0	0.0	0.0	0.0	0.0	477.5	539.4	632.4	787.4	0.0	0.0	9.9	0.4	13.4	0.0
02	49.1	32.3	40.7	3.1	3.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	400.4	456.4	540.4	680.4	0.0	0.0	13.6	0.3	14.4	0.0
03	53.7	34.5	44.1	2.9	2.3	2.1	0.5	0.1	0.0	0.0	0.0	0.0	338.5	400.0	492.9	647.9	0.0	0.0	23.3	0.0	12.5	0.0
04	58.9	37.5	48.2	2.7	2.0	1.9	9.4	4.9	1.5	0.1	0.0	0.0	213.4	268.9	355.5	504.0	0.0	0.0	27.9	0.0	6.4	0.0
05	66.1	43.0	54.5	3.1	2.2	2.4	62.5	39.2	16.7	2.1	0.1	0.0	76.5	115.2	185.7	326.1	0.0	0.1	30.9	0.0	1.1	0.0
06	70.8	47.4	59.1	3.3	1.4	2.1	134.9	91.7	46.7	12.4	2.4	0.9	11.8	28.7	73.7	189.4	0.0	1.0	30.0	0.0	0.0	0.0
07	77.6	50.7	64.2	3.1	1.7	2.0	283.9	223.5	140.8	46.9	11.1	5.7	0.3	1.9	12.2	73.2	0.2	2.7	31.0	0.0	0.0	0.0
08	78.0	50.5	64.2	2.2	1.8	1.6	287.0	226.2	142.3	43.8	7.0	2.8	0.3	1.5	10.5	67.1	0.0	2.3	31.0	0.0	0.0	0.0
09	72.1	46.2	59.1	2.5	2.6	1.7	140.2	96.4	47.3	7.7	0.4	0.1	15.7	32.0	72.8	183.2	0.0	0.4	30.0	0.0	0.2	0.0
10	60.2	40.5	50.3	1.7	2.8	1.9	16.4	7.6	1.7	0.0	0.0	0.0	160.5	213.7	300.9	454.2	0.0	0.0	30.3	0.0	4.3	0.0
11	50.6	35.8	43.2	2.2	2.9	2.4	1.3	0.4	0.1	0.0	0.0	0.0	355.2	414.4	504.1	654.0	0.0	0.0	18.4	0.1	10.5	0.0
12	44.9	32.8	38.9	2.0	2.7	2.2	0.1	0.0	0.0	0.0	0.0	0.0	500.7	562.6	655.6	810.6	0.0	0.0	6.2	0.6	14.3	0.0
Summary	60.7	40.4	50.5	2.6	2.4	2.1	936	690	397	113	21	10	2551	3035	3837	5378	0.2	6.5	282.5	1.4	77.1	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	7.80	20.3	14.4	5.4	2.0	5.46	7.56	9.39
02	5.09	16.4	11.3	3.1	1.0	3.50	4.77	5.85
03	5.68	18.8	12.8	3.3	0.9	3.86	5.17	6.99
04	3.67	16.3	9.6	1.6	0.4	2.03	3.42	4.67
05	2.26	11.4	6.5	1.2	0.1	1.17	2.08	3.20
06	1.46	8.5	4.2	0.8	0.0	0.97	1.32	1.86
07	0.53	4.0	1.7	0.1	0.0	0.15	0.31	0.85
08	0.96	4.8	2.3	0.6	0.1	0.21	0.59	1.39
09	2.04	8.1	4.6	1.3	0.3	0.62	1.75	2.48
10	5.07	15.1	9.7	3.4	0.9	3.53	4.76	6.49
11	8.21	19.5	14.3	5.7	1.9	5.94	7.48	9.91
12	7.85	20.2	13.6	5.2	1.9	5.36	7.36	9.67
Summary	50.62	163.4	105.0	31.7	9.5	32.80	46.57	62.75

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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	2.0	0.5	0.5	0.2	0.1	0.1	1.1	0.3	0.2	0.1	0.0	0.0	3.0
02	0.6	0.7	0.3	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.2
03	0.1	0.1	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	1.2	0.8	0.5	0.2	0.0	0.0	0.4	0.3	0.2	0.0	0.0	0.0	0.0
Summary	3.9	2.2	1.3	0.5	0.1	0.1	1.8	0.7	0.4	0.1	0.0	0.0	3.2

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## Summary of Monthly Normals 1991-2020

Generated on 11/28/2021

<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	70.3	69.7	142.7	247.1	451.0	573.0	748.6	751.7	574.4	323.4	129.5	56.6
45	16.9	17.0	47.3	115.8	297.2	423.0	593.6	596.7	424.5	180.2	47.4	13.3
50	1.8	2.0	8.8	38.5	158.5	273.6	438.6	441.7	275.8	71.0	11.0	1.7
55	0.1	0.0	0.5	9.4	62.5	134.9	283.9	287.0	140.2	16.4	1.3	0.1
60	0.0	0.0	0.0	1.5	16.7	46.7	140.8	142.3	47.3	1.7	0.1	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	11.9	26.9	73.0	136.6	252.4	321.2	448.7	457.8	344.6	163.4	37.8	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	70	140	283	530	981	1554	2302	3054	3629	3952	4081	4138
45	17	34	81	197	494	917	1511	2108	2532	2712	2760	2773
50	2	4	13	51	210	483	922	1364	1639	1710	1721	1723
55	0	0	1	10	72	207	491	778	918	935	936	936
60	0	0	0	2	18	65	206	348	395	397	397	397
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	12	39	112	248	501	822	1271	1728	2073	2236	2274	2282

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

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