

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 09/23/2021

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	36.4	18.2	27.3	4.7	5.3	4.9	0.4	0.1	0.0	0.0	0.0	0.0	858.8	920.6	1013.5	1168.5	0.0	0.0	4.7	12.5	26.6	2.3
02	39.6	19.7	29.7	5.5	5.5	5.4	0.6	0.3	0.0	0.0	0.0	0.0	710.2	766.0	849.7	989.7	0.0	0.0	5.7	8.4	24.4	1.6
03	49.7	27.4	38.6	4.7	3.5	3.9	9.7	6.0	2.5	0.1	0.0	0.0	519.6	577.9	667.4	820.1	0.0	0.0	14.4	2.5	20.9	0.0
04	62.8	37.1	49.9	3.3	2.3	2.6	53.0	36.9	19.5	4.7	0.3	0.1	204.5	248.4	321.0	456.2	0.0	0.0	25.8	0.1	8.5	0.0
05	72.7	47.7	60.2	3.8	3.9	3.7	204.5	163.6	110.6	47.4	13.5	6.7	43.3	64.4	104.5	196.2	0.0	0.2	30.8	0.0	0.9	0.0
06	81.1	57.1	69.1	2.2	1.8	1.8	424.3	365.9	281.2	156.0	63.9	39.2	1.5	3.1	8.3	33.1	0.0	3.0	30.0	0.0	0.0	0.0
07	84.3	60.9	72.6	2.7	2.6	2.5	545.5	483.5	390.6	239.4	112.6	74.5	0.0	0.0	0.1	3.8	0.0	5.4	31.0	0.0	0.0	0.0
08	82.8	59.1	71.0	2.5	2.4	2.3	494.3	432.5	340.3	195.3	82.5	51.4	0.1	0.2	1.0	11.0	0.0	3.2	31.0	0.0	0.0	0.0
09	76.3	51.5	63.9	2.9	2.3	2.2	280.0	228.2	158.5	71.4	22.3	11.8	13.2	21.3	41.6	104.4	0.0	1.1	30.0	0.0	0.0	0.0
10	64.4	40.0	52.2	2.5	2.4	2.1	69.1	48.5	26.4	7.5	1.6	0.6	155.9	197.3	268.2	404.3	0.0	0.1	28.3	0.0	5.0	0.0
11	51.7	30.5	41.1	4.6	3.1	3.6	7.8	4.1	1.5	0.0	0.0	0.0	424.7	481.1	568.4	717.0	0.0	0.0	16.9	1.1	17.6	0.0
12	40.7	23.7	32.2	4.8	4.1	4.4	1.0	0.4	0.1	0.0	0.0	0.0	707.7	769.1	861.9	1016.7	0.0	0.0	6.9	7.5	24.8	0.4
Summary	61.9	39.4	50.7	3.7	3.3	3.3	2090	1770	1331	722	297	184	3640	4049	4706	5921	0.0	13.0	255.5	32.1	128.7	4.3

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	3.21	12.7	7.2	1.8	0.6	2.12	2.96	3.89
02	2.56	10.4	6.0	1.7	0.4	1.77	2.32	3.16
03	3.61	10.8	7.6	2.4	0.6	2.72	3.37	4.20
04	4.01	12.5	8.3	3.0	0.7	2.98	3.81	4.37
05	4.24	12.8	8.5	3.0	1.0	2.77	4.54	5.46
06	4.69	11.3	8.0	3.4	1.3	2.62	4.92	6.23
07	4.56	11.4	7.6	3.0	1.3	3.31	3.97	5.79
08	3.89	10.3	6.7	2.5	1.0	2.35	3.58	5.17
09	3.24	8.8	5.8	2.2	1.0	2.10	2.94	3.94
10	3.11	10.1	6.3	2.2	0.7	2.25	3.17	4.10
11	2.99	10.2	6.4	2.1	0.6	2.17	2.93	3.69
12	3.29	11.8	7.0	2.1	0.5	2.52	2.94	4.27
Summary	43.40	133.1	85.4	29.4	9.7	29.68	41.45	54.27

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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	7.2	3.9	2.8	0.9	0.3	0.0	9.6	5.9	3.0	0.5	1.0	7.0	10.6
02	3.9	3.3	2.2	0.5	0.2	0.0	8.1	3.9	2.4	0.5	0.4	2.1	4.7
03	2.2	1.2	0.8	0.3	0.1	0.0	2.3	1.0	0.6	0.0	0.0	1.0	2.4
04	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
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	0.2	0.3	0.2	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
12	1.6	1.9	1.0	0.1	0.0	0.0	3.6	1.0	0.2	0.0	0.0	0.8	2.9
Summary	15.2	10.7	7.0	1.8	0.6	0.0	24.0	11.8	6.2	1.0	1.4	10.9	20.6

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## Summary of Monthly Normals 1991-2020

Generated on 09/23/2021

<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	24.1	25.9	109.2	321.2	626.6	872.8	1010.5	959.3	716.9	384.2	129.5	37.5
45	9.4	8.8	57.5	205.5	473.8	722.9	855.5	804.3	567.2	248.9	63.8	15.0
50	2.9	2.5	26.3	113.6	328.9	573.0	700.5	649.4	419.6	142.6	26.3	5.0
55	0.4	0.6	9.7	53.0	204.5	424.3	545.5	494.3	280.0	69.1	7.8	1.0
60	0.0	0.0	2.5	19.5	110.6	281.2	390.6	340.3	158.5	26.4	1.5	0.1
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	14.6	20.7	78.6	211.0	390.2	570.0	679.0	635.9	449.9	238.0	85.2	20.8

<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	24	50	159	480	1107	1980	2990	3950	4666	5051	5180	5218
45	9	18	76	281	755	1478	2333	3138	3705	3954	4018	4033
50	3	5	32	145	474	1047	1748	2397	2817	2959	2986	2991
55	0	1	11	64	268	692	1238	1732	2012	2081	2089	2090
60	0	0	2	22	133	414	804	1145	1303	1330	1331	1331
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	15	35	114	325	715	1285	1964	2600	3050	3288	3373	3394

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

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