

**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	50.4	29.2	39.8	3.8	4.5	4.0	9.0	5.2	1.7	0.1	0.0	0.0	480.0	538.2	627.8	781.2	0.0	0.0	17.6	1.4	19.2	0.0
02	54.8	31.9	43.3	4.1	4.0	3.8	12.0	7.3	3.5	0.6	0.0	0.0	338.2	389.5	469.6	606.8	0.0	0.0	19.8	0.4	15.6	0.0
03	63.3	38.6	51.0	4.3	3.6	3.7	60.3	41.0	20.7	4.1	0.2	0.0	185.9	228.6	301.3	439.7	0.0	0.0	28.1	0.1	8.5	0.0
04	72.1	46.0	59.1	2.9	3.0	2.8	173.1	133.2	83.4	27.3	3.6	0.8	51.6	71.7	111.9	205.8	0.0	0.0	29.6	0.0	1.4	0.0
05	79.5	55.4	67.4	2.6	3.1	2.6	390.2	332.0	249.2	130.5	44.2	22.5	4.3	8.1	18.2	54.6	0.0	1.6	31.0	0.0	0.0	0.0
06	86.4	64.0	75.2	2.9	1.7	1.9	605.9	545.9	456.1	308.4	169.3	119.3	0.0	0.0	0.1	2.5	0.1	10.8	30.0	0.0	0.0	0.0
07	89.1	67.7	78.4	2.2	1.7	1.7	725.3	663.3	570.4	415.4	261.2	200.9	0.0	0.0	0.0	0.0	0.2	17.9	31.0	0.0	0.0	0.0
08	89.1	66.5	77.8	2.9	2.0	2.3	706.7	644.7	551.7	397.0	244.2	185.5	0.0	0.0	0.0	0.3	0.9	17.3	31.0	0.0	0.0	0.0
09	84.4	59.8	72.1	3.3	2.5	2.4	513.2	453.8	366.1	228.3	112.0	74.6	0.4	1.0	3.2	15.3	0.0	8.5	30.0	0.0	0.0	0.0
10	74.3	47.5	60.9	2.8	3.2	2.3	221.6	176.7	118.3	47.9	13.0	6.8	38.7	55.8	90.4	175.0	0.0	0.6	30.9	0.0	1.9	0.0
11	62.6	37.0	49.8	4.6	3.6	3.7	47.8	32.7	17.4	4.9	0.4	0.1	203.7	248.5	323.3	460.8	0.0	0.0	27.6	0.0	11.4	0.0
12	53.5	32.0	42.8	4.0	4.1	3.9	14.9	9.4	4.5	0.9	0.0	0.0	394.5	451.1	539.2	690.6	0.0	0.0	21.7	0.4	17.3	0.0
Summary	71.6	48.0	59.8	3.4	3.1	2.9	3480	3045	2443	1565	848	610	1697	1992	2485	3433	1.2	56.7	328.3	2.3	75.3	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	6.07	10.1	7.7	4.1	2.1	3.89	5.66	7.71
02	5.72	9.7	7.6	3.9	1.8	3.64	4.79	6.98
03	5.69	10.5	8.0	3.7	1.7	4.43	5.45	6.28
04	5.04	9.0	7.4	3.7	1.3	3.62	4.73	5.56
05	4.55	8.6	6.5	3.2	1.2	2.57	4.35	6.11
06	4.62	9.7	7.6	3.1	1.2	2.64	4.91	6.12
07	5.17	9.6	7.4	4.0	1.8	3.47	4.85	6.47
08	4.05	7.7	5.7	2.7	1.1	2.58	3.43	4.81
09	4.26	6.6	4.9	2.7	1.3	2.16	4.23	5.99
10	3.56	6.5	4.9	2.1	1.2	1.67	2.79	5.62
11	4.76	7.9	6.3	3.2	1.6	3.48	4.36	5.92
12	6.20	10.2	7.5	4.1	2.2	3.96	6.08	7.56
Summary	59.69	106.1	81.5	40.5	18.5	38.11	55.63	75.13

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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	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	0.6	0.4	0.2	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.1
03	0.5	0.1	0.1	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	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Summary	1.3	0.8	0.5	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.1

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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	120.9	157.0	356.8	572.5	850.9	1055.8	1190.3	1171.6	962.8	648.6	311.4	158.5
45	60.4	82.0	230.3	427.1	695.9	905.9	1035.3	1016.7	812.9	496.2	194.5	84.3
50	26.4	35.6	129.5	290.7	541.4	755.9	880.4	861.7	662.9	350.7	105.6	39.6
55	9.0	12.0	60.3	173.1	390.2	605.9	725.3	706.7	513.2	221.6	47.8	14.9
60	1.7	3.5	20.7	83.4	249.2	456.1	570.4	551.7	366.1	118.3	17.4	4.5
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	74.4	105.0	225.9	363.6	557.1	721.0	821.2	801.2	642.7	422.4	208.3	98.0

<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	121	278	635	1207	2058	3114	4304	5476	6439	7087	7399	7557
45	60	142	373	800	1496	2402	3437	4454	5266	5763	5957	6041
50	26	62	192	482	1024	1780	2660	3522	4184	4535	4641	4680
55	9	21	81	254	645	1250	1976	2682	3196	3417	3465	3480
60	2	5	26	109	358	815	1385	1937	2303	2421	2439	2443
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	74	179	405	769	1326	2047	2868	3669	4312	4734	4943	5041

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

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