

**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	48.2	25.4	36.8	4.0	4.4	4.0	5.6	3.1	1.1	0.1	0.0	0.0	569.5	629.1	720.1	874.1	0.0	0.0	15.3	2.6	21.4	0.1
02	52.5	28.1	40.3	4.5	3.8	4.0	7.4	4.1	1.3	0.2	0.0	0.0	418.9	471.6	552.8	691.7	0.0	0.0	17.7	1.1	18.1	0.1
03	61.2	35.2	48.2	4.3	3.9	3.9	41.5	27.4	13.0	2.4	0.2	0.0	252.3	300.2	378.8	523.2	0.0	0.0	26.8	0.2	11.5	0.0
04	70.9	43.3	57.1	2.6	3.0	2.6	139.0	105.2	63.6	20.4	2.4	0.7	76.0	102.2	150.6	257.4	0.0	0.0	29.5	0.0	3.0	0.0
05	78.0	52.6	65.3	2.5	3.2	2.6	328.4	272.4	195.8	91.7	24.1	10.3	9.1	15.1	31.5	82.4	0.0	0.5	31.0	0.0	0.0	0.0
06	84.9	61.4	73.2	2.6	2.1	2.0	544.3	484.4	394.7	249.9	121.0	78.3	0.0	0.0	0.3	5.5	0.1	7.1	30.0	0.0	0.0	0.0
07	88.1	65.5	76.8	2.2	1.8	1.8	675.7	613.7	520.7	365.9	213.3	155.6	0.0	0.0	0.0	0.1	0.3	12.9	31.0	0.0	0.0	0.0
08	87.8	63.8	75.8	3.2	2.4	2.6	644.6	582.7	489.7	335.3	187.3	134.0	0.0	0.0	0.0	0.6	0.6	11.9	31.0	0.0	0.0	0.0
09	83.0	56.4	69.7	3.3	2.8	2.6	442.2	384.0	299.7	171.9	72.4	44.5	1.4	3.2	8.9	31.0	0.1	5.3	30.0	0.0	0.0	0.0
10	72.5	43.9	58.2	2.6	3.0	2.1	165.3	127.0	79.2	26.6	5.8	2.7	66.1	89.8	135.0	237.4	0.0	0.2	30.8	0.0	2.8	0.0
11	60.8	33.2	47.0	4.4	3.9	3.7	30.7	20.5	10.4	2.2	0.1	0.0	270.6	320.4	400.3	542.1	0.0	0.0	25.9	0.0	14.1	0.0
12	51.3	28.2	39.7	4.4	4.3	4.1	9.6	5.8	2.2	0.1	0.0	0.0	482.2	540.5	629.8	782.8	0.0	0.0	18.2	1.0	19.6	0.1
Summary	69.9	44.8	57.3	3.4	3.2	3.0	3034	2630	2071	1267	627	426	2146	2472	3008	4028	1.1	37.9	317.2	4.9	90.5	0.3

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	5.29	10.8	7.2	3.5	1.6	3.35	4.45	6.45
02	5.66	11.1	7.5	3.8	2.0	2.84	4.43	8.36
03	5.48	11.6	8.1	4.0	1.6	4.46	5.30	6.39
04	5.13	10.5	7.8	3.7	1.6	3.71	4.84	6.04
05	4.57	10.6	7.6	3.3	1.2	3.18	4.36	5.67
06	4.78	10.6	7.5	3.5	1.2	3.04	4.31	5.58
07	4.83	10.1	6.8	3.1	1.6	3.30	4.64	6.75
08	4.37	9.1	6.1	2.8	1.5	2.95	4.11	5.35
09	4.12	7.2	4.7	2.4	1.4	1.37	3.84	6.28
10	3.81	7.9	5.5	2.5	1.1	1.92	3.47	5.73
11	4.26	9.1	5.8	2.8	1.3	3.05	4.39	5.44
12	6.28	11.7	7.7	4.3	2.1	4.24	5.78	7.72
Summary	58.58	120.3	82.3	39.7	18.2	37.41	53.92	75.76

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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	1.0	0.5	0.3	0.1	0.0	0.0	0.7	0.3	0.1	0.0	0.0	0.0	0.9
02	0.4	0.4	0.2	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.5
03	0.3	0.3	0.1	0.0	0.0	0.0	0.1	0.1	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	0.2	0.2	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Summary	1.9	1.4	0.7	0.1	0.0	0.0	1.5	0.5	0.1	0.0	0.0	0.0	1.4

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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	87.3	114.4	288.1	515.8	784.3	994.3	1140.6	1109.6	890.8	565.9	244.7	118.1
45	41.9	56.9	177.4	374.0	629.5	844.3	985.6	954.6	740.8	417.3	143.2	60.6
50	17.1	23.7	94.5	245.1	476.0	694.3	830.7	799.6	591.0	279.9	72.4	27.2
55	5.6	7.4	41.5	139.0	328.4	544.3	675.7	644.6	442.2	165.3	30.7	9.6
60	1.1	1.3	13.0	63.6	195.8	394.7	520.7	489.7	299.7	79.2	10.4	2.2
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	61.2	87.6	195.9	337.8	507.1	671.9	783.2	751.7	586.5	375.9	180.8	80.3

<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	87	202	490	1006	1790	2784	3925	5034	5925	6491	6736	6854
45	42	99	276	650	1280	2124	3110	4064	4805	5222	5366	5426
50	17	41	135	380	856	1551	2381	3181	3772	4052	4124	4151
55	6	13	54	194	522	1066	1742	2386	2829	2994	3025	3034
60	1	2	15	79	275	670	1190	1680	1980	2059	2069	2071
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	61	149	345	682	1190	1862	2645	3396	3983	4359	4540	4620

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

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