

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 09/20/2021

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	49.4	24.9	37.2	4.2	2.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	553.3	615.3	708.3	863.3	0.0	0.0	15.4	0.6	27.0	0.1
02	54.0	27.8	40.9	4.7	3.1	3.2	0.1	0.0	0.0	0.0	0.0	0.0	394.9	450.8	534.8	674.8	0.0	0.0	18.3	0.1	21.8	0.0
03	62.2	32.6	47.4	4.1	1.8	2.5	7.9	3.5	0.8	0.0	0.0	0.0	243.5	301.1	391.4	545.7	0.0	0.0	28.5	0.0	16.2	0.0
04	69.2	37.3	53.3	3.5	2.1	2.6	56.6	35.2	14.7	1.7	0.0	0.0	109.1	147.6	217.2	354.2	0.0	0.1	29.1	0.0	7.4	0.0
05	78.7	44.7	61.7	4.2	2.5	3.2	230.7	181.2	116.4	41.3	8.8	3.7	23.0	35.5	63.7	143.6	0.0	2.5	31.0	0.0	1.1	0.0
06	89.7	52.5	71.1	3.7	2.7	3.1	484.1	425.1	337.9	201.6	89.8	56.7	1.1	2.1	4.9	18.6	1.6	16.2	30.0	0.0	0.0	0.0
07	94.2	60.6	77.4	2.5	2.4	2.3	694.2	632.3	539.3	384.5	232.4	174.6	0.0	0.0	0.0	0.2	4.4	25.2	31.0	0.0	0.0	0.0
08	91.5	59.5	75.5	2.6	1.4	1.7	635.4	573.5	480.5	325.9	176.7	123.5	0.0	0.0	0.0	0.5	1.4	20.2	31.0	0.0	0.0	0.0
09	84.8	52.0	68.4	2.5	1.9	1.6	403.7	345.4	260.2	131.2	40.4	20.6	1.7	3.5	8.2	29.2	0.2	6.5	30.0	0.0	0.1	0.0
10	72.7	41.2	56.9	3.7	2.8	2.5	119.9	83.3	42.2	8.1	0.4	0.1	59.5	84.9	136.7	257.6	0.0	0.2	30.5	0.0	3.5	0.0
11	59.3	31.4	45.3	4.4	2.4	3.2	8.3	3.7	0.8	0.0	0.0	0.0	297.8	353.2	440.2	589.5	0.0	0.0	25.1	0.1	17.8	0.0
12	48.5	24.6	36.6	3.6	2.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0	571.8	633.8	726.8	881.8	0.0	0.0	13.7	0.7	26.5	0.2
Summary	71.2	40.8	56.0	3.6	2.4	2.6	2641	2283	1793	1094	548	379	2256	2628	3232	4359	7.6	70.9	313.6	1.5	121.4	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	1.71	6.1	4.2	1.0	0.2	0.41	1.00	2.17
02	1.92	6.8	4.2	1.4	0.2	0.91	1.50	2.64
03	1.40	5.8	3.7	0.8	0.2	0.37	1.02	2.04
04	0.88	5.1	2.9	0.4	0.0	0.32	0.71	1.18
05	0.59	4.0	2.0	0.2	0.0	0.12	0.26	0.57
06	0.29	2.2	1.0	0.0	0.0	0.02	0.14	0.49
07	1.25	5.5	2.7	0.6	0.3	0.36	1.11	1.67
08	1.42	6.9	3.7	0.8	0.2	0.64	1.22	2.04
09	1.62	4.7	2.7	0.9	0.4	0.40	1.15	2.09
10	1.51	4.3	3.2	1.0	0.3	0.30	1.42	2.14
11	0.97	3.6	2.1	0.6	0.3	0.25	0.70	1.40
12	1.37	5.5	3.6	0.7	0.1	0.52	1.14	1.90
Summary	14.93	60.5	36.0	8.4	2.2	4.62	11.37	20.33

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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	5.4	2.0	1.9	0.6	0.4	0.0	4.9	2.2	1.2	0.0	0.5	3.8	7.4
02	5.8	2.0	1.9	0.9	0.6	0.0	1.9	0.8	0.4	0.0	1.0	4.7	8.6
03	1.8	1.0	1.0	0.3	0.1	0.0	0.7	0.2	0.1	0.0	0.0	0.0	3.2
04	1.8	0.7	0.7	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2
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	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	1.8	0.6	0.6	0.2	0.1	0.0	0.6	0.3	0.2	0.0	0.0	0.0	1.8
12	5.3	2.3	1.8	0.7	0.3	0.0	3.1	1.3	0.9	0.0	1.1	3.0	8.6
Summary	22.1	8.7	8.0	2.9	1.5	0.0	11.4	4.8	2.8	0.0	2.6	11.5	29.8

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## Summary of Monthly Normals 1991-2020

Generated on 09/20/2021

<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	37.2	86.3	242.4	399.7	672.7	933.0	1159.2	1100.4	851.9	527.0	190.9	34.7
45	5.3	26.3	121.4	261.2	518.6	783.0	1004.3	945.5	702.0	377.1	93.3	5.5
50	0.2	4.0	42.0	142.2	368.9	633.1	849.2	790.4	552.1	237.3	35.4	0.3
55	0.0	0.1	7.9	56.6	230.7	484.1	694.2	635.4	403.7	119.9	8.3	0.0
60	0.0	0.0	0.8	14.7	116.4	337.9	539.3	480.5	260.2	42.2	0.8	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	46.6	82.8	195.8	290.0	442.0	576.8	719.5	697.3	545.4	354.7	153.1	40.8

<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	37	124	366	766	1438	2371	3530	4631	5483	6010	6201	6235
45	5	32	153	414	933	1716	2720	3666	4368	4745	4838	4844
50	0	4	46	188	557	1190	2040	2830	3382	3619	3655	3655
55	0	0	8	65	295	779	1474	2109	2513	2633	2641	2641
60	0	0	1	16	132	470	1009	1490	1750	1792	1793	1793
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	47	129	325	615	1057	1634	2354	3051	3596	3951	4104	4145

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

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