

**Summary of Monthly Normals**  
**1991-2020**  
Generated on 10/22/2021

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	45.6	26.7	36.1	3.6	4.1	3.7	5.5	3.4	1.3	0.2	0.0	0.0	589.4	649.3	740.4	894.3	0.0	0.0	12.8	4.1	21.3	0.0
02	50.5	30.2	40.4	4.8	4.1	4.3	9.6	5.8	2.3	0.3	0.0	0.0	419.7	471.8	552.4	690.5	0.0	0.0	16.1	1.6	15.4	0.0
03	60.0	38.0	49.0	4.6	4.1	4.2	52.6	36.4	19.5	4.8	0.5	0.1	238.5	284.3	360.4	500.8	0.0	0.0	25.9	0.2	8.5	0.0
04	70.7	47.7	59.2	3.4	2.9	3.1	181.4	142.1	93.5	36.9	9.1	3.9	55.5	76.1	117.6	210.9	0.0	0.1	29.6	0.0	1.2	0.0
05	79.2	57.2	68.2	2.9	3.0	2.8	413.2	354.9	272.6	152.7	64.8	39.5	4.0	7.7	18.4	53.5	0.0	2.3	31.0	0.0	0.0	0.0
06	87.2	66.1	76.6	2.3	2.2	2.1	649.2	589.3	499.4	350.8	208.6	156.6	0.0	0.1	0.2	1.5	0.1	13.3	30.0	0.0	0.0	0.0
07	89.7	69.6	79.7	2.4	2.3	2.3	764.0	702.0	609.1	454.1	300.1	240.2	0.0	0.0	0.0	0.0	0.8	19.4	31.0	0.0	0.0	0.0
08	89.0	68.0	78.5	3.0	2.4	2.5	728.2	666.2	573.3	418.6	267.2	209.9	0.0	0.0	0.0	0.2	1.2	16.7	31.0	0.0	0.0	0.0
09	83.0	60.0	71.5	3.2	3.0	2.8	495.7	436.6	350.1	216.6	107.1	73.1	0.9	1.7	5.2	21.6	0.1	7.6	30.0	0.0	0.0	0.0
10	72.4	48.1	60.3	3.0	2.6	2.4	210.5	167.8	113.4	47.6	13.4	6.9	47.9	67.1	105.7	194.9	0.0	0.8	30.7	0.0	0.9	0.0
11	58.8	37.2	48.0	4.7	3.9	4.1	39.2	26.5	13.9	3.7	0.4	0.2	249.1	296.3	373.8	513.6	0.0	0.0	24.5	0.1	9.1	0.0
12	48.6	30.1	39.3	4.0	3.7	3.7	8.1	4.9	1.8	0.0	0.0	0.0	493.0	551.8	641.8	795.1	0.0	0.0	14.9	1.4	18.2	0.0
Summary	69.6	48.2	58.9	3.5	3.2	3.2	3557	3136	2550	1686	971	730	2098	2406	2916	3877	2.2	60.2	307.5	7.4	74.6	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	3.90	9.1	6.4	2.7	0.9	2.63	3.67	4.88
02	4.11	8.6	6.2	2.6	1.3	2.11	3.14	5.25
03	5.23	10.2	7.8	3.6	1.7	4.02	4.80	5.75
04	5.36	9.4	6.8	3.6	1.7	3.75	5.17	7.32
05	5.73	10.1	7.9	3.7	1.9	3.72	5.34	7.92
06	3.35	7.3	5.1	2.4	1.0	1.87	2.97	4.41
07	3.61	7.8	5.8	2.9	1.3	2.38	3.24	4.86
08	3.69	7.2	4.9	2.6	1.3	1.72	3.93	4.94
09	3.50	6.6	4.4	2.2	1.2	2.03	3.20	5.15
10	3.97	8.3	5.8	2.9	1.1	2.03	3.23	5.41
11	4.89	9.2	6.7	3.7	1.6	2.17	4.23	6.50
12	4.68	9.6	6.8	3.2	1.3	3.04	4.20	6.29
Summary	52.02	103.4	74.6	36.1	16.3	31.47	47.12	68.68

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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	0.7	0.5	0.1	0.0	0.0	0.8	0.3	0.0	0.0	0.0	0.2	1.1
02	1.2	0.8	0.6	0.2	0.0	0.0	1.4	0.5	0.0	0.0	0.0	0.0	2.0
03	1.2	0.3	0.3	0.2	0.1	0.0	0.6	0.4	0.2	0.0	0.0	0.0	1.0
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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.4	0.3	0.1	0.0	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0
Summary	3.9	2.2	1.5	0.5	0.1	0.0	3.3	1.4	0.2	0.0	0.0	0.2	4.1

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## Summary of Monthly Normals 1991-2020

Generated on 10/22/2021

<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	76.8	122.4	310.9	577.1	874.3	1099.2	1229.0	1193.2	944.8	628.9	271.8	107.0
45	34.9	62.1	196.9	432.2	719.4	949.3	1074.1	1038.3	794.9	477.4	166.4	52.0
50	14.5	26.9	110.0	298.0	564.9	799.3	919.1	883.3	644.9	334.5	88.1	22.4
55	5.5	9.6	52.6	181.4	413.2	649.2	764.0	728.2	495.7	210.5	39.2	8.1
60	1.3	2.3	19.5	93.5	272.6	499.4	609.1	573.3	350.1	113.4	13.9	1.8
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	46.2	75.0	185.0	353.6	570.8	757.4	850.6	819.1	627.9	391.6	159.8	59.1

<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	77	199	510	1087	1962	3061	4290	5483	6428	7057	7328	7435
45	35	97	294	726	1446	2395	3469	4507	5302	5779	5946	5998
50	14	41	151	449	1014	1814	2733	3616	4261	4595	4684	4706
55	6	15	68	249	662	1312	2076	2804	3299	3510	3549	3557
60	1	4	23	117	389	889	1498	2071	2421	2534	2548	2550
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	46	121	306	660	1231	1988	2839	3658	4286	4677	4837	4896

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

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