

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 09/16/2021

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	29.9	16.0	23.0	4.2	6.1	5.1	0.1	0.0	0.0	0.0	0.0	0.0	993.5	1055.4	1148.4	1303.4	0.0	0.0	1.8	18.1	28.3	4.4
02	32.8	16.7	24.7	5.0	6.5	5.6	0.1	0.0	0.0	0.0	0.0	0.0	847.0	902.9	986.8	1126.8	0.0	0.0	2.2	13.7	25.5	3.2
03	43.3	25.1	34.2	4.9	4.7	4.6	7.2	5.2	3.0	0.7	0.0	0.0	652.0	712.0	802.8	955.5	0.0	0.0	9.3	5.2	23.9	0.5
04	56.7	35.3	46.0	3.6	2.6	2.9	29.4	20.5	10.4	2.3	0.3	0.1	299.4	350.5	430.4	572.3	0.0	0.0	22.6	0.3	11.5	0.0
05	68.9	46.0	57.4	3.7	3.6	3.5	151.7	118.5	78.4	34.1	10.9	5.6	75.8	104.6	157.5	268.2	0.0	0.3	30.4	0.0	1.4	0.0
06	78.2	55.9	67.1	2.1	2.0	1.8	365.4	308.9	229.4	119.2	47.3	29.3	4.0	7.5	18.0	57.8	0.0	2.8	30.0	0.0	0.0	0.0
07	82.1	59.7	70.9	3.0	2.5	2.7	492.8	430.9	338.7	195.8	87.1	57.3	0.0	0.0	0.9	13.0	0.1	4.8	31.0	0.0	0.0	0.0
08	79.9	58.3	69.1	2.8	2.5	2.5	437.2	375.8	285.2	151.7	59.7	36.5	0.2	0.8	3.1	24.8	0.0	2.0	31.0	0.0	0.0	0.0
09	73.1	50.4	61.7	3.3	2.5	2.6	228.9	183.6	124.6	54.8	17.6	10.0	26.4	41.1	72.2	152.4	0.0	0.9	30.0	0.0	0.4	0.0
10	60.1	40.3	50.2	2.6	2.7	2.6	53.4	37.5	20.1	6.1	1.7	0.9	202.2	248.3	323.9	464.9	0.0	0.0	26.9	0.0	6.1	0.0
11	46.6	31.0	38.8	5.0	3.2	3.9	6.9	4.2	1.6	0.3	0.0	0.0	492.9	550.2	637.6	786.3	0.0	0.0	12.2	2.3	17.6	0.0
12	34.9	22.5	28.7	4.2	4.8	4.5	0.3	0.1	0.0	0.0	0.0	0.0	815.5	877.3	970.2	1125.2	0.0	0.0	3.1	11.2	26.3	1.1
Summary	57.2	38.1	47.6	3.7	3.6	3.5	1773	1485	1091	565	225	140	4409	4851	5552	6851	0.1	10.8	230.5	50.8	141.0	9.2

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	1.99	14.2	5.6	1.0	0.1	1.27	1.92	2.74
02	1.68	10.9	4.5	0.8	0.1	0.95	1.53	2.36
03	1.97	11.0	5.1	1.0	0.2	1.14	1.93	2.55
04	3.13	12.7	6.9	1.8	0.5	1.82	3.03	4.00
05	3.68	12.1	7.5	2.2	0.7	1.92	3.29	5.16
06	3.12	10.8	6.1	2.2	0.5	2.18	2.95	3.90
07	3.41	9.5	5.8	2.4	0.9	1.94	2.79	3.78
08	3.16	10.0	5.9	1.9	0.8	2.51	3.15	3.81
09	2.90	9.6	5.6	1.9	0.7	1.33	2.84	3.65
10	2.77	11.8	6.2	1.8	0.4	2.02	2.56	3.29
11	2.27	11.6	5.4	1.2	0.3	1.60	1.99	2.97
12	1.89	13.8	5.4	0.9	0.1	1.53	1.89	2.16
Summary	31.97	138.0	70.0	19.1	5.3	20.21	29.87	40.37

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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	15.1	13.3	4.6	1.1	0.4	0.1	22.7	13.8	8.2	1.5	10.7	14.3	17.4
02	13.0	10.7	3.9	1.3	0.5	0.0	18.0	13.3	7.9	2.0	6.0	12.1	18.5
03	6.6	6.2	2.1	0.5	0.2	0.0	9.4	5.0	2.7	0.4	3.0	5.2	9.7
04	2.4	2.4	0.9	0.2	0.0	0.0	1.0	0.3	0.0	0.0	0.2	1.4	3.5
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	0.3	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
11	3.3	3.6	1.0	0.2	0.1	0.0	2.5	0.7	0.2	0.0	0.4	2.2	4.9
12	11.4	10.3	3.4	0.8	0.4	0.1	12.9	5.8	3.1	0.8	4.7	9.6	16.1
Summary	52.1	46.8	16.0	4.1	1.6	0.2	66.6	38.9	22.1	4.7	25.0	44.8	70.2

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## Summary of Monthly Normals 1991-2020

Generated on 09/16/2021

<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	6.9	9.7	64.7	221.1	541.4	811.4	957.8	902.0	652.4	328.1	98.7	17.1
45	2.0	3.0	33.1	125.1	391.8	661.4	802.8	747.0	503.6	205.5	48.5	5.7
50	0.4	0.7	15.8	63.5	257.7	512.0	647.8	592.0	359.9	114.5	20.2	1.7
55	0.1	0.1	7.2	29.4	151.7	365.4	492.8	437.2	228.9	53.4	6.9	0.3
60	0.0	0.0	3.0	10.4	78.4	229.4	338.7	285.2	124.6	20.1	1.6	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	2.3	4.8	40.8	135.9	325.4	519.4	635.7	589.6	399.2	179.3	48.1	6.5

<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	7	17	81	302	844	1655	2613	3515	4167	4496	4594	4611
45	2	5	38	163	555	1216	2019	2766	3270	3475	3524	3529
50	0	1	17	80	338	850	1498	2090	2450	2564	2584	2586
55	0	0	7	37	188	554	1047	1484	1713	1766	1773	1773
60	0	0	3	13	92	321	660	945	1070	1090	1091	1091
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	2	7	48	184	509	1029	1664	2254	2653	2832	2880	2887

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

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