

## 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	31.8	14.8	23.3	4.8	5.4	5.0	0.0	0.0	0.0	0.0	0.0	0.0	982.5	1044.4	1137.3	1292.4	0.0	0.0	2.2	15.6	28.7	5.2
02	36.6	18.8	27.7	6.1	6.2	6.0	0.5	0.2	0.0	0.0	0.0	0.0	764.8	820.4	904.2	1044.2	0.0	0.0	3.8	10.5	24.8	2.6
03	49.9	29.6	39.7	4.9	4.6	4.7	17.3	12.3	6.9	1.8	0.1	0.0	490.1	547.1	634.7	784.7	0.0	0.0	14.5	2.6	19.6	0.3
04	63.0	39.9	51.4	3.6	3.0	3.2	69.7	51.3	30.7	10.6	2.4	1.0	176.2	217.8	287.2	417.1	0.0	0.1	26.0	0.1	6.3	0.0
05	73.9	51.1	62.5	3.4	3.3	3.2	259.6	213.2	151.9	75.8	28.7	17.3	27.1	42.7	74.5	153.3	0.0	1.1	30.8	0.0	0.4	0.0
06	83.1	61.0	72.1	2.3	2.2	2.0	511.8	452.4	364.8	227.5	114.3	79.6	0.4	1.1	3.6	16.1	0.0	5.4	30.0	0.0	0.0	0.0
07	86.1	64.9	75.5	3.4	2.8	2.9	635.4	573.4	480.3	326.9	184.0	135.8	0.0	0.0	0.0	1.5	0.3	8.1	31.0	0.0	0.0	0.0
08	84.1	62.7	73.4	2.5	3.1	2.6	570.3	508.3	415.6	264.5	134.0	92.9	0.0	0.0	0.4	4.2	0.0	4.9	31.0	0.0	0.0	0.0
09	77.9	54.2	66.1	3.4	3.1	3.0	341.9	288.6	215.4	115.6	49.0	32.0	10.5	17.2	34.1	84.2	0.0	2.5	30.0	0.0	0.2	0.0
10	64.8	42.6	53.7	3.1	2.6	2.6	100.7	75.6	46.9	17.3	4.8	3.0	141.1	178.0	242.2	367.6	0.0	0.1	27.9	0.0	4.6	0.0
11	49.8	30.9	40.4	5.8	4.1	4.8	12.0	7.7	3.4	0.6	0.0	0.0	451.5	507.1	592.9	740.1	0.0	0.0	14.7	2.1	17.4	0.0
12	37.0	20.8	28.9	5.3	5.5	5.3	1.1	0.7	0.2	0.0	0.0	0.0	810.1	871.6	964.1	1118.9	0.0	0.0	4.2	10.8	26.6	1.8
Summary	61.5	40.9	51.2	4.0	3.8	3.8	2520	2184	1716	1041	517	362	3854	4247	4875	6024	0.3	22.2	246.1	41.7	128.6	9.9

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	1.66	9.3	4.5	0.9	0.2	0.95	1.45	2.43
02	1.83	8.7	4.5	1.0	0.4	0.93	1.65	2.81
03	2.62	10.4	5.5	1.6	0.5	1.43	2.07	3.50
04	3.81	11.3	7.1	2.8	0.9	2.50	3.83	5.01
05	4.67	12.2	7.9	3.3	1.2	2.97	4.27	5.29
06	5.01	11.3	7.7	3.2	1.6	2.64	4.42	6.37
07	4.23	8.6	5.8	3.1	1.2	1.72	4.60	5.72
08	3.97	9.4	6.0	3.1	1.2	1.94	3.71	5.81
09	3.32	8.4	5.3	2.0	0.9	1.42	2.83	4.45
10	2.81	9.0	5.3	1.6	0.7	1.69	2.33	3.39
11	2.30	8.9	4.8	1.4	0.4	1.30	1.65	2.77
12	2.04	9.5	4.6	1.4	0.4	1.09	1.73	2.83
Summary	38.27	117.0	69.0	25.4	9.6	20.58	34.54	50.38

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

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	10.8	7.2	3.2	1.0	0.5	0.0					5.6	10.4	14.8
02	8.6	6.0	2.4	0.8	0.3	0.1					2.4	6.3	16.0
03	4.4	3.2	1.5	0.5	0.1	0.0					2.3	3.6	5.8
04	1.1	0.8	0.3	0.1	0.0	0.0					0.0	0.0	0.9
05	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
07	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
09	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					0.0	0.0	0.0
11	2.1	1.7	0.6	0.1	0.1	0.0					0.0	0.6	3.3
12	8.8	5.9	2.5	1.0	0.4	0.0					2.7	6.8	13.8
Summary	36.1	25.1	10.6	3.5	1.4	0.1	0.0	0.0	0.0	0.0	13.0	27.7	54.6

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<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	7.0	21.5	128.1	359.3	697.5	961.3	1100.4	1035.3	781.4	432.6	131.2	22.4
45	1.4	8.6	71.2	235.6	543.2	811.3	945.3	880.2	631.8	296.5	69.2	7.9
50	0.2	2.7	36.8	135.9	393.5	661.4	790.4	725.3	483.9	184.7	32.0	2.8
55	0.0	0.5	17.3	69.7	259.6	511.8	635.4	570.3	341.9	100.7	12.0	1.1
60	0.0	0.0	6.9	30.7	151.9	364.8	480.3	415.6	215.4	46.9	3.4	0.2
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	4.8	13.8	82.9	217.6	429.4	640.4	752.7	703.5	498.3	256.5	75.7	12.4

<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	28	157	516	1213	2175	3275	4310	5092	5524	5656	5678
45	1	10	81	317	860	1671	2617	3497	4129	4425	4494	4502
50	0	3	40	176	569	1230	2021	2746	3230	3415	3447	3450
55	0	0	18	88	347	859	1494	2065	2407	2507	2519	2520
60	0	0	7	38	190	554	1035	1450	1666	1712	1716	1716
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	5	19	102	319	748	1389	2142	2845	3343	3600	3676	3688

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

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