

## Summary of Monthly Normals 1991-2020

Generated on 09/24/2021

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	39.5	22.5	31.0	4.3	4.0	4.0	1.8	1.0	0.4	0.0	0.0	0.0	745.6	806.8	899.1	1053.7	0.0	0.0	6.9	10.0	26.1	1.5
02	45.1	26.4	35.7	5.5	5.3	5.2	6.1	3.7	1.6	0.2	0.0	0.0	545.0	598.6	680.5	819.1	0.0	0.0	10.0	5.3	21.0	0.4
03	56.3	35.6	46.0	4.9	4.4	4.5	43.9	32.2	18.9	5.2	0.6	0.2	324.5	374.8	454.5	595.8	0.0	0.0	20.6	0.9	13.0	0.1
04	67.2	45.6	56.4	3.4	3.2	3.2	138.9	107.8	69.5	26.7	6.0	2.4	96.9	125.8	177.5	284.7	0.0	0.0	27.8	0.0	2.9	0.0
05	75.9	55.7	65.8	3.3	3.2	3.1	344.1	290.1	215.3	114.4	46.4	28.1	9.3	17.3	35.5	89.6	0.0	0.6	31.0	0.0	0.0	0.0
06	84.5	64.7	74.6	2.5	1.9	2.1	587.9	528.2	438.9	294.4	163.5	118.2	0.1	0.3	1.1	6.5	0.2	6.4	30.0	0.0	0.0	0.0
07	88.5	68.5	78.5	3.3	2.4	2.6	728.4	666.4	573.4	418.6	267.4	210.4	0.0	0.0	0.0	0.2	1.1	12.9	31.0	0.0	0.0	0.0
08	87.7	66.7	77.2	3.3	2.8	2.9	688.1	626.1	533.1	379.2	232.8	180.2	0.0	0.0	0.0	1.2	1.0	11.3	31.0	0.0	0.0	0.0
09	80.1	58.3	69.2	3.0	3.0	2.9	430.3	373.8	292.6	172.6	83.7	57.4	4.4	7.9	16.7	46.7	0.0	3.3	30.0	0.0	0.0	0.0
10	68.2	46.8	57.5	3.1	2.4	2.6	161.5	126.5	83.2	34.1	9.8	5.2	84.0	111.0	160.8	266.6	0.0	0.2	29.2	0.0	2.4	0.0
11	54.7	36.0	45.3	5.3	4.0	4.4	29.6	20.1	10.0	2.5	0.4	0.1	319.0	369.6	449.5	591.9	0.0	0.0	19.4	1.0	11.9	0.0
12	43.6	26.7	35.2	4.2	4.3	4.1	4.0	2.2	0.7	0.0	0.0	0.0	619.2	679.5	770.9	925.2	0.0	0.0	9.6	6.3	23.7	0.4
Summary	65.9	46.1	56.0	3.8	3.4	3.5	3165	2778	2238	1448	811	602	2748	3092	3646	4681	2.3	34.7	276.5	23.5	101.0	2.4

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	2.12	8.2	4.4	1.2	0.6	0.96	2.25	2.66
02	2.12	8.3	4.3	1.4	0.6	1.28	2.08	2.97
03	2.97	11.1	6.3	2.0	0.6	1.87	2.65	3.79
04	4.88	11.3	7.5	3.1	1.3	3.50	4.49	6.19
05	4.77	12.6	8.0	3.3	1.2	2.89	4.48	5.75
06	4.23	9.3	6.1	2.8	1.3	2.94	4.19	5.53
07	4.13	8.8	5.9	2.6	1.4	1.91	3.38	5.33
08	4.14	8.5	5.0	2.8	1.5	2.59	3.38	5.27
09	3.83	7.3	5.2	2.6	1.3	1.79	2.72	4.85
10	3.47	9.1	5.7	2.2	0.9	1.61	3.10	4.03
11	2.68	8.5	4.9	1.7	0.6	1.39	1.83	3.28
12	2.09	7.8	4.2	1.3	0.5	1.06	1.74	2.70
Summary	41.43	110.8	67.5	27.0	11.8	23.79	36.29	52.35

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**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 09/24/2021

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	6.0	3.6	1.9	0.6	0.2	0.1	7.5	2.8	1.3	0.4	1.5	5.4	8.0
02	4.6	2.8	1.1	0.4	0.1	0.1	3.7	1.4	1.0	0.4	1.2	2.4	4.0
03	1.5	1.1	0.4	0.1	0.1	0.0	1.3	0.7	0.4	0.1	0.0	0.0	1.9
04	0.2	0.2	0.1	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.8	0.8	0.3	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	1.0
12	3.4	2.1	1.0	0.3	0.2	0.0	3.1	1.0	0.4	0.2	0.7	1.4	5.9
Summary	16.5	10.7	4.8	1.5	0.6	0.2	16.0	6.0	3.1	1.1	3.4	9.2	20.8

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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	40.7	76.3	247.3	497.4	799.8	1037.7	1193.3	1152.9	875.9	545.9	221.9	67.1
45	16.5	37.7	152.6	360.4	644.9	887.8	1038.4	998.0	726.0	399.1	130.9	30.5
50	5.3	16.7	86.5	237.7	491.1	737.8	883.4	843.0	576.9	268.2	67.2	12.1
55	1.8	6.1	43.9	138.9	344.1	587.9	728.4	688.1	430.3	161.5	29.6	4.0
60	0.4	1.6	18.9	69.5	215.3	438.9	573.4	533.1	292.6	83.2	10.0	0.7
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	25.9	50.5	150.1	292.8	504.0	710.2	822.5	786.0	572.4	322.6	121.7	37.3

<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	41	117	364	862	1662	2699	3892	5045	5921	6467	6689	6756
45	16	54	207	567	1212	2100	3138	4136	4862	5261	5392	5423
50	5	22	108	346	837	1575	2458	3302	3878	4147	4214	4226
55	2	8	52	191	535	1123	1851	2539	2970	3131	3161	3165
60	0	2	21	90	306	745	1318	1851	2144	2227	2237	2238
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	26	76	226	519	1023	1734	2556	3342	3914	4237	4359	4396

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

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