

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 12/05/2021

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	22.8	5.3	14.1	5.3	6.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1269.2	1331.2	1424.2	1579.2	0.0	0.0	0.3	22.7	30.6	12.5
02	27.3	9.3	18.3	7.3	7.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	1027.4	1083.4	1167.4	1307.4	0.0	0.0	1.3	17.9	26.8	8.0
03	39.0	21.5	30.3	6.4	4.9	5.5	1.9	1.0	0.5	0.2	0.0	0.0	769.2	830.3	922.8	1077.4	0.0	0.0	7.0	9.9	24.9	1.9
04	54.4	33.6	44.0	5.5	3.8	4.5	24.4	16.1	8.0	1.9	0.3	0.1	354.5	406.1	488.0	632.0	0.0	0.1	18.9	2.0	12.4	0.0
05	68.1	47.1	57.6	4.1	3.0	3.4	168.0	133.6	89.7	39.1	12.5	6.9	87.5	115.1	164.2	268.6	0.0	0.9	28.9	0.0	1.3	0.0
06	78.9	58.0	68.4	2.8	2.3	2.4	407.1	350.5	269.1	149.4	63.1	40.5	3.8	7.1	15.8	46.1	0.0	3.2	30.0	0.0	0.0	0.0
07	82.2	61.6	71.9	3.3	2.5	2.8	523.9	462.2	370.7	225.6	106.5	72.1	0.1	0.4	1.8	11.8	0.1	5.0	31.0	0.0	0.0	0.0
08	79.6	59.1	69.3	2.4	2.2	2.2	445.4	384.4	295.6	161.6	63.1	37.5	0.6	1.6	5.8	26.8	0.0	2.3	31.0	0.0	0.0	0.0
09	72.9	50.6	61.7	3.1	3.0	2.9	239.0	195.2	137.2	63.8	20.9	11.7	36.7	52.9	84.9	161.4	0.0	0.9	29.7	0.0	0.5	0.0
10	58.4	36.9	47.6	4.3	3.1	3.5	46.7	32.9	18.3	5.5	0.6	0.3	274.6	322.8	401.2	543.3	0.0	0.0	23.2	0.4	9.2	0.0
11	41.4	23.9	32.7	7.0	5.3	6.0	3.4	1.8	0.4	0.0	0.0	0.0	673.9	732.3	820.9	970.5	0.0	0.0	7.9	8.5	23.1	0.4
12	27.8	11.8	19.8	5.8	6.1	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1091.0	1153.0	1246.0	1401.0	0.0	0.0	1.1	19.5	30.4	6.3
Summary	54.4	34.9	44.6	4.8	4.1	4.3	1860	1578	1190	647	267	169	5588	6036	6743	8026	0.1	12.4	210.3	80.9	159.2	29.1

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	0.64	3.8	2.0	0.2	0.0	0.37	0.50	0.83
02	0.74	3.9	1.9	0.4	0.1	0.38	0.67	0.87
03	1.44	5.3	3.5	0.9	0.4	0.92	1.22	1.84
04	2.86	8.9	5.9	2.0	0.7	1.57	2.76	3.98
05	3.96	11.7	7.9	2.5	0.8	2.30	3.58	5.09
06	4.48	11.9	7.4	3.0	1.3	2.96	3.73	5.63
07	3.54	9.2	5.6	2.2	0.6	2.06	4.06	4.33
08	3.43	8.8	6.1	2.3	0.9	2.44	3.27	4.57
09	3.80	8.2	5.3	2.2	1.1	1.72	2.92	4.79
10	2.26	7.1	4.4	1.4	0.6	0.91	2.13	3.13
11	1.32	4.4	2.8	0.9	0.3	0.46	1.05	1.95
12	0.74	4.2	2.2	0.2	0.0	0.27	0.72	1.17
Summary	29.21	87.4	55.0	18.2	6.8	16.36	26.61	38.18

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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	8.4	3.7	3.2	1.1	0.3	0.0	26.3	23.6	18.3	8.9	6.0	8.0	10.7
02	8.4	3.9	3.1	1.0	0.4	0.0	20.1	15.6	11.6	8.0	3.0	7.5	12.3
03	8.5	2.6	2.2	1.2	0.6	0.2	15.6	12.8	8.7	4.9	3.5	7.5	13.0
04	6.1	1.2	1.1	0.9	0.6	0.0	3.2	2.2	1.4	0.6	0.0	3.5	6.2
05	0.4	0.1	0.1	0.0	0.0	0.0	0.1	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	1.0	0.5	0.4	0.1	0.0	0.0	0.5	0.3	0.1	0.0	0.0	0.0	1.2
11	5.9	2.2	1.8	0.9	0.3	0.1	6.5	4.5	2.1	0.6	0.4	5.8	8.7
12	10.6	4.1	3.5	1.6	0.7	0.0	19.1	14.6	10.0	2.6	5.1	8.5	14.3
Summary	49.3	18.3	15.4	6.8	2.9	0.3	91.4	73.6	52.2	25.6	18.0	40.8	66.4

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## Summary of Monthly Normals 1991-2020

Generated on 12/05/2021

<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	0.7	5.8	45.2	201.1	548.2	853.2	988.7	909.7	652.7	284.0	60.0	2.5
45	0.1	1.4	20.0	116.8	402.6	703.3	833.7	754.7	505.2	177.5	28.5	0.5
50	0.0	0.2	7.1	58.8	273.9	553.8	678.8	599.8	364.6	98.3	11.4	0.1
55	0.0	0.0	1.9	24.4	168.0	407.1	523.9	445.4	239.0	46.7	3.4	0.0
60	0.0	0.0	0.5	8.0	89.7	269.1	370.7	295.6	137.2	18.3	0.4	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	0.8	4.2	30.4	122.1	316.9	546.8	660.9	595.1	397.5	168.0	36.9	1.8

<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	1	6	52	253	801	1654	2643	3553	4205	4489	4549	4552
45	0	2	22	138	541	1244	2078	2833	3338	3515	3544	3544
50	0	0	7	66	340	894	1573	2172	2537	2635	2647	2647
55	0	0	2	26	194	601	1125	1571	1810	1856	1860	1860
60	0	0	0	8	98	367	738	1034	1171	1189	1190	1190
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	1	5	35	158	474	1021	1682	2277	2675	2843	2880	2881

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

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