

## Summary of Monthly Normals 1991-2020

Generated on 09/28/2021

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	38.4	24.4	31.4	4.1	4.4	4.2	0.2	0.1	0.0	0.0	0.0	0.0	731.8	793.6	886.5	1041.5	0.0	0.0	3.5	8.3	24.5	0.3
02	40.5	25.7	33.1	4.3	4.5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	613.2	669.2	753.2	893.2	0.0	0.0	4.0	5.6	21.7	0.1
03	47.4	32.3	39.9	3.3	3.2	3.2	2.0	1.0	0.2	0.0	0.0	0.0	471.6	532.6	624.9	779.6	0.0	0.0	11.7	1.1	15.7	0.0
04	58.3	41.7	50.0	2.6	1.8	2.1	30.1	18.5	7.9	1.8	0.2	0.1	180.0	228.4	307.9	451.8	0.0	0.0	24.9	0.0	2.3	0.0
05	68.4	51.7	60.0	2.5	2.0	2.1	177.2	132.7	80.1	28.5	6.5	3.2	20.6	38.1	78.5	182.0	0.0	0.2	31.0	0.0	0.0	0.0
06	77.7	61.5	69.6	2.0	1.3	1.6	438.3	379.0	292.3	162.8	65.6	40.5	0.3	1.0	4.4	24.8	0.0	1.5	30.0	0.0	0.0	0.0
07	83.4	67.9	75.7	2.7	2.2	2.4	640.0	578.0	485.1	330.4	183.7	132.7	0.0	0.0	0.0	0.3	0.1	4.8	31.0	0.0	0.0	0.0
08	81.9	67.0	74.5	2.0	2.0	1.9	602.9	540.9	447.9	294.2	152.8	105.7	0.0	0.0	0.0	1.2	0.0	2.4	31.0	0.0	0.0	0.0
09	75.4	59.8	67.6	2.0	2.1	1.9	380.1	322.6	240.1	123.2	46.1	27.3	2.1	4.6	12.1	45.2	0.0	0.3	30.0	0.0	0.0	0.0
10	64.4	48.3	56.4	2.3	2.7	2.4	114.3	82.5	46.0	14.3	2.8	1.0	72.4	102.5	159.1	282.4	0.0	0.0	30.1	0.0	0.4	0.0
11	53.6	38.4	46.0	3.1	2.7	2.8	13.0	7.1	2.4	0.2	0.0	0.0	282.9	337.1	422.4	570.2	0.0	0.0	20.3	0.1	7.4	0.0
12	43.8	30.2	37.0	3.8	3.5	3.6	0.7	0.3	0.0	0.0	0.0	0.0	558.7	620.3	713.0	868.0	0.0	0.0	7.7	3.3	19.9	0.0
Summary	61.1	45.7	53.4	2.9	2.7	2.7	2399	2063	1602	955	458	310	2934	3327	3962	5140	0.1	9.2	255.2	18.4	91.9	0.4

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 09/28/2021

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	3.18	11.2	6.6	2.2	0.5	2.02	2.80	4.32
02	3.12	10.4	6.2	2.2	0.8	1.97	2.76	4.15
03	4.09	11.2	7.5	2.7	0.9	3.31	4.00	4.72
04	4.16	11.4	6.8	2.5	1.0	2.88	3.60	5.14
05	3.58	12.2	7.2	2.3	0.8	2.46	3.41	4.49
06	3.77	11.2	6.7	2.6	0.8	2.32	3.88	4.65
07	3.32	8.9	5.7	2.1	0.7	1.98	3.14	4.32
08	3.98	9.2	6.1	2.5	1.1	2.11	3.25	5.18
09	3.96	8.2	5.6	2.7	1.2	2.42	3.31	5.79
10	3.84	9.9	5.8	2.3	1.1	2.16	3.45	4.90
11	3.11	9.4	5.8	2.4	0.5	2.26	3.14	4.13
12	3.98	11.5	7.5	2.8	0.9	3.14	3.96	4.51
Summary	44.09	124.7	77.5	29.3	10.3	29.03	40.70	56.30

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

**Summary of Monthly Normals**  
**1991-2020**  
Generated on 09/28/2021

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	8.5	4.5	2.7	1.0	0.5	0.0	10.7	6.7	4.2	1.2	4.0	7.3	11.3
02	10.7	4.0	2.4	1.1	0.7	0.3	11.5	8.7	6.5	3.5	3.1	7.0	15.0
03	7.0	2.6	1.9	1.0	0.6	0.0	6.0	3.8	1.9	0.4	0.7	5.6	11.6
04	0.9	0.3	0.3	0.1	0.0	0.0	0.2	0.1	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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.9	0.4	0.2	0.1	0.1	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.5
12	5.5	2.9	1.6	0.8	0.5	0.0	4.9	2.2	1.4	0.2	0.7	5.3	9.4
Summary	33.6	14.8	9.1	4.1	2.4	0.3	33.6	21.6	14.0	5.3	8.5	25.2	47.8

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

## Summary of Monthly Normals 1991-2020

Generated on 09/28/2021

<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	22.4	22.0	89.5	305.5	621.6	888.0	1105.0	1067.9	827.9	507.1	208.6	61.2
45	5.8	5.1	31.9	176.7	466.6	738.0	950.0	912.9	677.9	357.0	108.5	21.9
50	0.9	0.5	8.7	83.3	313.8	588.0	795.1	757.9	528.2	221.7	44.1	5.3
55	0.2	0.0	2.0	30.1	177.2	438.3	640.0	602.9	380.1	114.3	13.0	0.7
60	0.0	0.0	0.2	7.9	80.1	292.3	485.1	447.9	240.1	46.0	2.4	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	7.4	8.9	36.3	138.4	334.4	582.3	774.4	746.5	531.1	264.1	85.9	19.5

<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	22	44	134	439	1061	1949	3054	4122	4950	5457	5666	5727
45	6	11	43	220	686	1424	2374	3287	3965	4322	4430	4452
50	1	1	10	93	407	995	1790	2548	3076	3298	3342	3348
55	0	0	2	32	210	648	1288	1891	2271	2385	2398	2399
60	0	0	0	8	88	380	866	1314	1554	1600	1602	1602
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	7	16	53	191	525	1108	1882	2629	3160	3424	3510	3529

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

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.