

## Summary of Monthly Normals 1991-2020

Generated on 12/01/2021

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	44.4	27.6	36.0	4.3	3.8	4.0	3.0	1.6	0.5	0.0	0.0	0.0	591.9	652.5	744.4	898.8	0.0	0.0	10.3	4.5	21.6	0.1
02	47.4	29.0	38.2	5.0	3.9	4.4	4.4	2.5	0.8	0.0	0.0	0.0	474.7	528.9	611.2	750.3	0.0	0.0	11.4	2.1	18.7	0.0
03	54.5	35.4	45.0	4.1	3.2	3.5	21.8	14.7	7.4	1.5	0.1	0.1	333.2	388.2	473.9	622.9	0.0	0.0	20.6	0.3	12.0	0.0
04	66.0	44.9	55.5	2.9	2.1	2.4	114.6	87.3	54.5	20.7	6.5	3.7	101.1	133.8	191.0	307.3	0.0	0.1	28.6	0.0	1.2	0.0
05	74.4	54.4	64.4	3.4	3.5	3.3	300.0	246.7	175.6	88.8	34.5	21.2	8.6	17.3	39.2	107.4	0.0	1.1	31.0	0.0	0.0	0.0
06	82.7	63.8	73.2	2.4	1.7	1.9	547.6	488.1	399.7	258.9	137.2	97.7	0.2	0.7	2.3	11.5	0.0	5.1	30.0	0.0	0.0	0.0
07	86.9	69.0	77.9	2.5	2.2	2.2	711.3	649.3	556.3	401.3	248.1	190.7	0.0	0.0	0.0	0.0	0.3	10.7	31.0	0.0	0.0	0.0
08	85.1	67.3	76.2	2.1	2.1	2.1	657.1	595.1	502.1	347.4	198.6	144.8	0.0	0.0	0.0	0.3	0.0	6.3	31.0	0.0	0.0	0.0
09	79.2	61.0	70.1	2.3	2.4	2.1	454.0	395.2	309.2	179.0	79.0	50.0	1.1	2.3	6.3	26.2	0.0	1.8	30.0	0.0	0.0	0.0
10	68.9	49.5	59.2	2.1	2.6	2.2	176.4	136.8	87.5	34.0	9.2	4.5	46.1	68.6	112.3	213.8	0.0	0.0	30.8	0.0	0.4	0.0
11	58.0	39.3	48.7	3.8	2.9	3.2	35.7	23.2	10.6	2.4	0.1	0.0	226.2	273.7	351.1	492.8	0.0	0.0	24.0	0.0	7.5	0.0
12	48.6	32.1	40.3	4.7	3.8	4.1	8.3	5.1	1.9	0.1	0.0	0.0	462.4	521.2	611.0	764.1	0.0	0.0	14.1	1.4	17.8	0.0
Summary	66.3	47.8	57.1	3.3	2.8	2.9	3034	2646	2106	1334	713	513	2245	2587	3143	4195	0.3	25.1	292.8	8.3	79.2	0.1

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	3.43	9.7	5.9	2.2	0.8	2.50	3.11	4.00
02	3.08	9.2	6.5	2.0	0.4	1.98	2.77	3.95
03	4.21	9.8	6.7	3.0	1.0	3.10	4.11	5.03
04	3.72	10.3	6.9	2.5	0.8	2.88	3.84	4.42
05	3.89	10.5	6.8	2.3	1.0	2.16	3.92	5.37
06	4.56	9.2	6.7	3.0	1.3	2.51	4.04	5.80
07	4.14	9.0	6.4	2.7	1.4	2.56	3.62	5.84
08	4.92	8.2	5.7	2.7	1.3	2.89	4.29	6.87
09	4.25	8.2	5.5	2.5	1.1	2.49	3.84	5.80
10	4.06	8.0	5.2	2.3	1.2	2.45	3.42	5.49
11	3.36	7.4	5.2	2.3	1.1	2.07	3.18	4.48
12	3.99	10.2	6.8	2.6	0.9	2.54	4.13	5.03
Summary	47.61	109.7	74.3	30.1	12.3	30.13	44.27	62.08

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**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 12/01/2021

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	4.1	1.8	1.0	0.5	0.3	0.1	3.1	1.9	1.1	0.4	0.7	2.0	5.5
02	5.9	1.9	1.5	0.6	0.2	0.1	4.2	2.5	1.4	0.6	0.3	2.5	5.6
03	0.6	0.4	0.4	0.1	0.1	0.0	0.6	0.3	0.1	0.0	0.0	0.0	0.3
04	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
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	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
12	2.6	0.8	0.5	0.2	0.1	0.0	1.5	0.8	0.5	0.2	0.0	0.0	3.4
Summary	13.2	4.9	3.4	1.4	0.7	0.2	9.4	5.5	3.1	1.2	1.0	4.5	14.8

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Generated on 12/01/2021

<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	70.3	78.7	204.0	465.5	756.4	997.4	1176.3	1122.1	902.9	595.3	279.0	116.2
45	30.9	35.8	112.4	325.0	601.4	847.4	1021.3	967.1	752.9	442.7	167.9	57.2
50	10.6	13.7	53.8	203.8	446.8	697.5	866.3	812.1	603.0	299.1	87.1	24.2
55	3.0	4.4	21.8	114.6	300.0	547.6	711.3	657.1	454.0	176.4	35.7	8.3
60	0.5	0.8	7.4	54.5	175.6	399.7	556.3	502.1	309.2	87.5	10.6	1.9
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	35.9	44.5	111.0	265.7	462.9	679.0	826.2	787.3	600.7	345.7	145.4	54.0

<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	70	149	353	818	1575	2572	3749	4871	5774	6369	6648	6764
45	31	67	179	504	1106	1953	2974	3941	4694	5137	5305	5362
50	11	24	78	282	729	1426	2292	3105	3708	4007	4094	4118
55	3	7	29	144	444	991	1703	2360	2814	2990	3026	3034
60	0	1	9	63	239	638	1195	1697	2006	2094	2104	2106
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	36	80	191	457	920	1599	2425	3212	3813	4159	4304	4358

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

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