

## Summary of Monthly Normals 1991-2020

Generated on 06/18/2021

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	57.7	37.9	47.8	3.7	3.0	3.1	39.4	26.8	14.4	3.5	0.5	0.1	262.4	311.8	392.5	536.6	0.0	0.0	22.4	0.6	8.8	0.0
02	62.0	41.9	52.0	4.6	3.5	3.9	75.1	55.8	33.4	10.8	2.3	1.1	160.4	197.1	258.7	376.2	0.0	0.1	23.3	0.5	4.6	0.0
03	69.9	49.4	59.6	3.5	3.7	3.4	204.5	163.3	109.9	47.2	13.5	6.9	60.4	81.2	120.8	213.1	0.0	0.2	29.8	0.0	1.4	0.0
04	77.4	56.8	67.1	2.7	2.9	2.7	370.7	315.6	237.8	127.8	50.0	29.8	7.6	12.5	24.8	64.7	0.0	0.8	29.9	0.0	0.0	0.0
05	84.9	66.0	75.4	2.9	2.1	2.4	634.0	572.2	480.0	330.2	193.0	145.8	0.1	0.2	1.1	6.2	0.1	7.6	31.0	0.0	0.0	0.0
06	92.7	73.8	83.3	2.8	2.0	2.3	847.4	787.4	697.4	547.5	397.7	338.1	0.0	0.0	0.0	0.1	1.8	22.4	30.0	0.0	0.0	0.0
07	96.9	77.7	87.3	2.7	1.9	2.2	1001.2	939.2	846.2	691.2	536.2	474.3	0.0	0.0	0.0	0.0	8.1	28.5	31.0	0.0	0.0	0.0
08	97.1	77.4	87.3	3.4	2.3	2.8	999.5	937.5	844.5	689.5	534.5	472.8	0.0	0.0	0.0	0.0	10.5	27.7	31.0	0.0	0.0	0.0
09	90.0	70.1	80.1	3.4	2.9	3.0	751.4	691.5	601.8	453.6	311.1	257.5	0.0	0.1	0.4	2.2	1.8	16.5	30.0	0.0	0.0	0.0
10	79.5	58.7	69.1	2.9	2.5	2.4	445.2	387.5	304.8	182.7	89.9	62.9	8.1	12.4	22.7	55.5	0.0	3.7	30.8	0.0	0.1	0.0
11	67.8	47.8	57.8	4.0	3.6	3.6	162.6	127.9	84.2	34.4	10.1	5.6	78.5	103.8	150.2	250.4	0.0	0.1	28.2	0.0	1.7	0.0
12	59.2	39.8	49.5	3.1	2.9	2.6	53.2	38.5	21.9	6.3	0.9	0.3	223.5	270.8	347.2	486.7	0.0	0.0	24.6	0.2	6.5	0.0
Summary	77.9	58.1	68.0	3.3	2.8	2.9	5584	5043	4276	3125	2140	1795	801	990	1318	1992	22.3	107.6	342.0	1.3	23.1	0.0

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	2.59	7.0	4.0	1.5	0.7	1.31	2.19	3.62
02	2.78	6.9	4.2	1.7	0.9	1.38	2.00	3.50
03	3.45	8.1	4.7	2.1	0.9	1.84	3.21	4.62
04	3.15	7.3	4.5	2.5	1.1	1.70	2.89	3.81
05	4.57	9.4	6.3	2.9	1.6	2.58	3.85	6.11
06	3.83	7.3	5.2	2.7	1.3	1.76	3.14	5.87
07	1.71	4.9	3.0	1.1	0.4	0.49	1.48	2.33
08	2.19	5.1	3.5	1.4	0.6	0.96	1.91	3.23
09	3.10	5.6	3.8	1.7	1.0	1.16	2.62	3.69
10	4.79	7.2	4.9	3.0	1.7	1.84	4.03	6.22
11	2.93	6.5	4.1	2.0	1.0	1.47	2.11	3.75
12	3.23	6.9	4.1	2.1	0.8	1.71	2.79	4.38
Summary	38.32	82.2	52.3	24.7	12.0	18.20	32.22	51.13

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**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 06/18/2021

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	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
02	0.9	0.5	0.3	0.1	0.1	0.0	0.4	0.1	0.1	0.0	0.0	0.0	0.0
03	0.3	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
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	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12	0.3	0.3	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Summary	1.7	1.5	0.5	0.1	0.1	0.0	0.9	0.1	0.1	0.0	0.0	0.0	0.1

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Generated on 06/18/2021

<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	277.3	351.9	612.7	813.0	1098.9	1297.4	1466.2	1464.6	1201.5	902.2	537.1	315.8
45	168.2	235.9	464.5	663.3	943.9	1147.4	1311.2	1309.5	1051.4	747.9	396.9	194.8
50	88.1	141.8	325.1	514.9	788.9	997.3	1156.1	1154.3	901.3	594.7	268.8	107.1
55	39.4	75.1	204.5	370.7	634.0	847.4	1001.2	999.5	751.4	445.2	162.6	53.2
60	14.4	33.4	109.9	237.8	480.0	697.4	846.2	844.5	601.8	304.8	84.2	21.9
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	158.1	200.7	366.2	524.6	755.4	891.8	985.7	979.5	819.8	589.3	316.0	174.9

<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	277	629	1242	2055	3154	4451	5917	7382	8584	9486	10023	10339
45	168	404	869	1532	2476	3623	4934	6244	7295	8043	8440	8635
50	88	230	555	1070	1859	2856	4012	5166	6068	6662	6931	7038
55	39	114	319	690	1324	2171	3172	4172	4923	5368	5531	5584
60	14	48	158	396	876	1573	2419	3264	3865	4170	4254	4276
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	158	359	725	1250	2005	2897	3882	4862	5682	6271	6587	6762

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

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