

**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	27.4	1.2	14.3	3.6	4.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	1261.6	1323.6	1416.6	1571.6	0.0	0.0	0.0	21.4	30.9	15.8
02	32.3	6.2	19.2	3.5	5.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	1001.0	1057.0	1141.0	1281.0	0.0	0.0	0.2	13.0	27.8	11.2
03	41.7	14.8	28.2	3.0	3.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	829.3	891.3	984.3	1139.3	0.0	0.0	4.6	3.6	30.5	3.9
04	50.2	23.7	36.9	3.6	2.8	2.9	0.3	0.1	0.0	0.0	0.0	0.0	541.7	601.6	691.5	841.5	0.0	0.0	14.5	0.4	27.7	0.1
05	61.5	32.7	47.1	4.1	1.5	2.5	12.1	5.4	1.1	0.0	0.0	0.0	257.1	312.3	401.0	555.0	0.0	0.0	26.9	0.0	16.3	0.0
06	71.1	38.6	54.9	4.0	1.6	2.5	78.9	51.4	22.2	2.6	0.1	0.0	83.4	115.8	176.7	307.0	0.0	0.3	29.2	0.0	5.5	0.0
07	81.7	43.7	62.7	4.3	2.8	3.3	248.9	193.7	119.2	34.3	4.7	1.2	10.4	17.1	35.6	105.7	0.0	3.3	30.9	0.0	0.8	0.0
08	80.7	41.7	61.2	3.0	1.6	1.9	205.9	153.9	86.9	20.0	1.8	0.4	13.8	23.7	49.7	137.8	0.0	1.9	31.0	0.0	2.4	0.0
09	70.8	34.2	52.5	3.0	2.7	2.1	48.0	28.0	9.9	0.9	0.0	0.0	123.0	163.0	235.0	376.0	0.0	0.1	29.1	0.0	14.4	0.0
10	55.6	25.1	40.3	4.0	2.5	2.8	1.1	0.3	0.0	0.0	0.0	0.0	455.2	516.5	609.2	764.1	0.0	0.0	21.7	0.5	27.5	0.2
11	39.3	15.4	27.4	4.5	3.8	4.0	0.0	0.0	0.0	0.0	0.0	0.0	829.5	889.5	979.5	1129.5	0.0	0.0	4.9	7.0	29.2	3.9
12	28.2	4.3	16.2	2.9	4.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	1201.1	1263.1	1356.1	1511.1	0.0	0.0	0.1	20.0	30.7	13.8
Summary	53.4	23.5	38.4	3.6	3.1	3.0	595	433	239	58	7	2	6607	7174	8076	9720	0.0	5.6	193.1	65.9	243.7	48.9

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	2.64	15.8	7.9	1.1	0.0	1.65	2.41	3.55
02	2.22	14.5	7.1	0.9	0.1	1.29	1.95	2.45
03	1.81	11.5	5.7	0.6	0.0	0.93	1.79	2.41
04	1.80	10.3	5.7	0.8	0.1	1.03	1.72	2.45
05	1.99	12.0	6.1	0.9	0.0	1.44	1.70	2.66
06	1.81	10.9	5.5	0.8	0.2	0.95	1.75	2.24
07	1.15	8.8	3.9	0.3	0.1	0.59	0.89	1.53
08	1.22	8.7	3.6	0.5	0.1	0.43	1.22	1.73
09	1.57	8.3	4.3	0.9	0.2	0.93	1.39	2.31
10	1.69	9.3	4.8	0.8	0.2	1.03	1.45	2.13
11	2.33	10.4	6.1	1.0	0.1	1.76	2.24	2.79
12	2.78	16.1	8.1	1.5	0.2	1.79	2.56	3.61
Summary	23.01	136.6	68.8	10.1	1.3	13.82	21.07	29.86

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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	40.5	16.1	11.7	5.7	2.5	0.5	31.0	31.0	31.0	30.6	26.9	38.9	49.8
02	28.4	13.4	8.8	4.0	1.5	0.1	28.5	28.5	28.5	28.5	19.5	23.9	32.7
03	19.5	9.1	6.2	2.1	0.6	0.1	30.4	30.2	29.8	28.6	10.9	18.6	25.1
04	9.8	5.5	3.3	1.3	0.3	0.0	14.8	13.1	11.9	9.0	4.8	7.1	15.3
05	0.9	1.1	0.6	0.1	0.0	0.0	0.8	0.4	0.2	0.0	0.0	0.1	1.6
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	0.3	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
10	4.2	2.4	1.5	0.6	0.1	0.0	2.4	1.0	0.3	0.0	0.2	3.9	6.3
11	18.2	8.0	5.6	2.6	1.0	0.0	15.8	10.7	7.6	3.6	11.9	15.0	25.9
12	44.1	15.1	10.2	5.1	2.9	0.4	30.0	28.5	28.1	23.0	28.7	42.0	50.2
Summary	165.9	70.9	48.0	21.5	8.9	1.1	153.8	143.4	137.4	123.3	102.9	149.5	206.9

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## Summary of Monthly Normals 1991-2020

Generated on 09/24/2021

<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	0.0	0.1	4.2	49.0	238.8	446.4	703.6	657.2	380.1	106.7	8.2	0.3
45	0.0	0.0	0.3	13.3	125.1	303.4	549.0	502.5	244.7	42.9	1.3	0.0
50	0.0	0.0	0.0	2.2	50.2	175.8	396.0	350.3	129.8	11.2	0.1	0.0
55	0.0	0.0	0.0	0.3	12.1	78.9	248.9	205.9	48.0	1.1	0.0	0.0
60	0.0	0.0	0.0	0.0	1.1	22.2	119.2	86.9	9.9	0.0	0.0	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	0.0	0.2	8.6	56.8	186.8	317.2	480.5	468.2	314.1	124.7	13.7	0.1

<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	0	0	4	53	292	738	1442	2099	2479	2586	2594	2595
45	0	0	0	14	139	442	991	1494	1738	1781	1782	1782
50	0	0	0	2	52	228	624	974	1104	1116	1116	1116
55	0	0	0	0	12	91	340	546	594	595	595	595
60	0	0	0	0	1	23	142	229	239	239	239	239
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	0	0	9	66	252	570	1050	1518	1832	1957	1971	1971

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

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