

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 06/30/2022

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	21.7	7.2	14.4	4.9	6.5	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1256.7	1318.7	1411.7	1566.8	0.0	0.0	0.0	26.3	30.9	11.5
02	26.2	8.2	17.2	5.9	7.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	1058.1	1114.1	1198.1	1338.2	0.0	0.0	1.0	18.3	27.2	6.9
03	37.0	17.9	27.5	5.0	5.1	4.8	0.1	0.1	0.0	0.0	0.0	0.0	854.2	916.1	1009.0	1164.0	0.0	0.0	3.8	10.7	28.4	2.9
04	49.0	30.2	39.6	4.4	3.0	3.6	7.5	4.6	2.0	0.4	0.1	0.0	469.5	526.6	614.0	762.4	0.0	0.0	13.7	1.4	19.5	0.0
05	62.8	40.5	51.7	3.5	2.4	2.8	68.3	49.3	29.3	9.3	1.9	0.7	172.4	215.4	288.3	423.3	0.0	0.1	27.3	0.0	4.8	0.0
06	71.3	49.1	60.2	2.1	2.0	1.8	192.2	150.8	98.3	38.0	11.2	6.5	36.3	54.9	92.3	182.1	0.0	0.6	29.6	0.0	0.3	0.0
07	76.9	56.0	66.4	3.4	2.9	3.0	358.5	299.6	217.4	105.1	36.6	20.8	3.8	6.9	17.7	60.3	0.0	0.7	30.8	0.0	0.0	0.0
08	75.5	56.3	65.9	2.5	2.2	2.2	342.3	284.5	202.4	91.1	28.5	15.4	4.7	8.9	19.8	63.3	0.0	0.6	31.0	0.0	0.0	0.0
09	67.5	48.4	57.9	3.0	2.9	2.8	141.8	106.6	63.8	21.4	5.0	2.3	53.5	78.2	125.4	233.0	0.0	0.1	29.0	0.0	0.6	0.0
10	54.0	38.0	46.0	3.6	3.0	3.1	25.5	17.5	9.6	2.1	0.0	0.0	304.7	358.7	443.7	591.2	0.0	0.0	19.1	0.3	9.7	0.0
11	39.6	25.5	32.6	5.8	4.4	5.0	0.6	0.1	0.0	0.0	0.0	0.0	674.0	733.4	823.4	973.4	0.0	0.0	4.4	9.5	25.0	0.1
12	27.6	14.5	21.0	4.5	5.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	1052.2	1114.2	1207.2	1362.3	0.0	0.0	0.4	20.2	30.4	4.1
Summary	50.8	32.6	41.7	4.0	3.9	3.8	1137	913	623	267	83	46	5940	6446	7251	8720	0.0	2.1	190.1	86.7	176.8	25.5

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	1.70	17.5	5.6	0.4	0.1	1.06	1.46	2.39
02	1.12	11.4	3.6	0.4	0.1	0.62	1.03	1.55
03	1.61	11.8	4.3	1.1	0.3	0.90	1.72	2.15
04	3.08	11.0	6.0	1.6	0.9	2.10	2.77	3.45
05	3.49	11.8	6.7	2.0	1.0	2.93	3.35	4.25
06	3.34	11.9	7.0	2.1	0.6	2.20	2.84	4.44
07	4.11	14.1	7.9	2.6	1.1	2.83	3.85	4.96
08	3.64	11.2	6.7	2.4	0.8	3.02	3.41	4.34
09	3.69	14.3	7.3	1.9	0.6	2.96	3.50	4.37
10	3.15	12.8	7.1	1.8	0.3	1.96	2.90	4.15
11	2.44	11.9	5.2	1.6	0.5	1.45	2.11	3.02
12	1.92	14.2	5.4	0.4	0.0	1.22	1.87	2.13
Summary	33.29	153.9	72.8	18.3	6.3	23.25	30.81	41.20

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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	29.50	19.8	9.6	2.7	0.7	0.2	30.7	29.9	28.7	23.5	18.90	30.40	37.10
02	15.80	12.4	5.1	1.3	0.7	0.1	28.4	28.0	27.8	23.5	8.80	15.40	20.10
03	14.60	9.9	4.1	1.5	0.7	0.1	27.3	25.2	22.9	17.9	8.50	11.80	19.50
04	5.10	4.1	2.0	0.5	0.2	0.0	9.4	5.9	4.4	2.6	1.70	3.60	6.10
05	0.80	0.6	0.3	0.1	0.1	0.0	0.2	0.1	0.1	0.0	0.00	0.00	0.40
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	1.00	0.7	0.3	0.1	0.1	0.0	0.3	0.1	0.1	0.0	0.00	0.00	0.50
11	13.30	9.0	3.4	1.4	0.6	0.1	11.7	5.3	3.9	1.7	7.70	9.90	14.50
12	26.20	15.2	8.0	2.6	1.1	0.1	26.2	21.0	17.7	8.1	15.50	24.20	29.40
Summary	106.3	71.7	32.8	10.2	4.2	0.6	134.2	115.5	105.6	77.3	61.1	95.3	127.6

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## Summary of Monthly Normals 1991-2020

Generated on 06/30/2022

<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	0.1	0.7	14.0	95.8	368.6	605.9	819.7	802.6	538.5	222.1	34.7	0.7
45	0.0	0.1	3.7	44.5	238.0	458.0	664.9	647.7	391.3	123.3	12.8	0.0
50	0.0	0.0	0.7	19.3	136.2	316.0	510.9	493.1	254.2	59.5	3.7	0.0
55	0.0	0.0	0.1	7.5	68.3	192.2	358.5	342.3	141.8	25.5	0.6	0.0
60	0.0	0.0	0.0	2.0	29.3	98.3	217.4	202.4	63.8	9.6	0.0	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	0.0	0.6	11.2	62.7	214.5	352.6	512.5	497.2	297.0	108.4	17.4	0.4

<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	1	15	111	479	1085	1905	2707	3246	3468	3503	3503
45	0	0	4	48	286	744	1409	2057	2448	2572	2584	2584
50	0	0	1	20	156	472	983	1476	1730	1790	1794	1794
55	0	0	0	8	76	268	627	969	1111	1136	1137	1137
60	0	0	0	2	31	130	347	549	613	623	623	623
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	0	1	12	74	289	642	1154	1651	1948	2057	2074	2074

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

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