

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 09/23/2021

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	50.7	33.6	42.2	4.1	3.7	3.8	14.6	9.2	4.1	0.7	0.0	0.0	412.7	469.4	557.3	708.9	0.0	0.0	14.8	1.8	14.2	0.0
02	53.4	35.1	44.2	4.6	3.7	4.0	18.8	11.9	5.5	1.2	0.2	0.0	319.7	368.8	446.5	582.1	0.0	0.0	15.4	0.8	10.2	0.0
03	60.1	41.3	50.7	4.0	3.2	3.5	65.3	47.6	28.0	9.4	1.6	0.7	198.5	242.8	316.2	452.6	0.0	0.0	23.0	0.1	4.2	0.0
04	70.0	50.1	60.1	2.7	2.4	2.4	197.3	158.5	109.3	52.4	18.4	10.2	45.8	67.0	107.8	200.9	0.0	0.4	29.3	0.0	0.1	0.0
05	77.4	59.1	68.3	3.3	3.0	3.1	412.5	353.0	269.7	153.2	70.5	46.7	1.7	4.2	13.9	52.5	0.0	2.1	31.0	0.0	0.0	0.0
06	85.2	68.1	76.7	2.2	1.8	1.9	649.4	589.4	499.9	353.0	215.8	166.7	0.0	0.0	0.4	3.6	0.1	7.9	30.0	0.0	0.0	0.0
07	89.4	72.8	81.1	2.3	1.8	2.0	808.9	746.9	654.0	499.0	344.1	282.5	0.0	0.0	0.0	0.0	0.8	14.5	31.0	0.0	0.0	0.0
08	86.9	71.6	79.2	2.0	1.9	1.8	751.7	689.7	596.7	441.7	287.0	226.1	0.0	0.0	0.0	0.0	0.1	8.9	31.0	0.0	0.0	0.0
09	81.4	66.6	74.0	1.9	2.3	1.9	569.9	510.0	420.6	275.1	144.4	101.0	0.0	0.1	0.7	5.1	0.0	2.3	30.0	0.0	0.0	0.0
10	72.3	55.1	63.7	2.1	2.6	2.2	283.2	231.0	161.8	74.8	26.3	15.4	13.5	23.2	47.1	115.1	0.0	0.1	30.9	0.0	0.0	0.0
11	62.1	44.4	53.3	3.5	2.8	3.1	78.7	56.9	32.7	9.7	1.7	0.7	131.1	169.3	235.1	362.1	0.0	0.0	27.0	0.0	2.6	0.0
12	54.7	37.6	46.1	4.7	4.0	4.3	29.1	19.9	10.4	2.5	0.4	0.1	303.3	356.2	439.7	586.8	0.0	0.0	19.6	0.3	9.4	0.0
Summary	70.3	52.9	61.6	3.1	2.8	2.8	3879	3424	2793	1873	1110	850	1426	1701	2165	3070	1.0	36.2	313.0	3.0	40.7	0.0

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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	3.41	10.7	6.2	2.3	0.9	2.43	3.55	4.37
02	2.90	9.2	5.9	1.9	0.5	1.88	2.46	3.59
03	3.69	10.9	7.0	2.6	0.7	2.63	3.26	4.68
04	3.37	10.0	6.4	2.2	0.6	2.75	3.23	4.16
05	3.78	11.2	6.6	2.5	1.2	2.88	3.58	4.64
06	4.43	9.7	6.2	2.9	1.3	3.31	4.39	5.04
07	6.08	10.6	7.2	3.6	2.2	4.03	5.66	7.92
08	5.88	10.2	6.8	3.7	1.7	3.61	4.90	8.09
09	5.40	9.4	5.9	2.6	1.6	2.11	4.01	7.74
10	3.86	7.7	5.2	2.3	1.0	2.33	3.60	4.80
11	3.10	8.9	5.2	1.9	0.7	1.47	2.61	4.54
12	3.28	9.9	5.8	2.3	0.8	2.14	3.22	4.09
Summary	49.18	118.4	74.4	30.8	13.2	31.57	44.47	63.66

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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	3.2	1.7	1.0	0.3	0.2	0.0					0.0	1.1	6.0
02	1.5	1.3	0.4	0.2	0.1	0.0					0.0	0.3	1.7
03	0.4	0.5	0.1	0.0	0.0	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
05	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
07	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
09	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
11	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
12	1.1	0.5	0.2	0.1	0.1	0.0					0.0	0.0	0.0
Summary	6.2	4.0	1.7	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.4	8.0

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## Summary of Monthly Normals 1991-2020

Generated on 09/23/2021

<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	156.3	168.7	344.9	601.8	875.8	1099.4	1273.9	1216.7	1019.9	734.7	402.3	228.0
45	83.0	92.1	220.6	453.7	720.8	949.4	1118.9	1061.7	869.9	579.9	267.9	129.1
50	38.6	45.9	128.6	315.5	565.8	799.4	963.9	906.7	719.9	427.3	155.7	65.2
55	14.6	18.8	65.3	197.3	412.5	649.4	808.9	751.7	569.9	283.2	78.7	29.1
60	4.1	5.5	28.0	109.3	269.7	499.9	654.0	596.7	420.6	161.8	32.7	10.4
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	83.3	93.7	185.1	347.3	558.1	761.0	894.6	864.3	707.0	444.7	209.7	113.7

<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	156	325	670	1272	2148	3247	4521	5738	6757	7492	7894	8122
45	83	175	396	849	1570	2520	3638	4700	5570	6150	6418	6547
50	39	84	213	529	1094	1894	2858	3764	4484	4912	5067	5132
55	15	33	99	296	708	1358	2167	2918	3488	3772	3850	3879
60	4	10	38	147	417	916	1570	2167	2588	2750	2782	2793
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	83	177	362	709	1268	2028	2923	3787	4494	4939	5149	5262

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

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