

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 10/27/2022

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	27.4	10.5	18.9	5.0	6.5	5.7	0.0	0.0	0.0	0.0	0.0	0.0	1117.3	1179.2	1272.2	1427.4	0.0	0.0	0.6	20.2	29.7	9.0
02	32.5	14.2	23.3	5.8	7.3	6.5	0.1	0.1	0.0	0.0	0.0	0.0	886.2	942.1	1026.1	1166.2	0.0	0.0	1.5	14.6	26.3	5.5
03	45.6	26.0	35.8	5.2	5.2	5.1	9.8	6.8	4.0	1.3	0.1	0.0	605.0	664.1	754.2	906.5	0.0	0.0	9.5	4.8	23.5	1.0
04	59.6	38.4	49.0	4.2	3.3	3.6	49.0	34.9	20.2	6.4	1.4	0.7	229.0	275.0	350.2	486.4	0.0	0.2	22.8	0.2	8.2	0.0
05	72.0	50.1	61.0	3.3	2.9	2.9	223.4	179.3	123.7	58.7	22.1	13.1	35.9	53.8	91.3	181.2	0.0	0.9	30.6	0.0	0.5	0.0
06	81.7	60.4	71.0	2.7	2.2	2.3	481.9	423.0	337.3	205.9	99.2	67.7	0.5	1.6	5.9	24.4	0.1	3.9	30.0	0.0	0.0	0.0
07	85.4	64.5	75.0	3.1	2.6	2.8	618.4	556.4	463.6	311.2	172.1	125.0	0.0	0.0	0.2	2.8	0.3	6.7	31.0	0.0	0.0	0.0
08	83.2	62.3	72.8	2.7	2.6	2.5	550.2	488.3	396.0	247.8	123.2	84.8	0.0	0.1	0.9	7.6	0.0	4.2	31.0	0.0	0.0	0.0
09	75.5	54.1	64.8	3.4	3.0	3.0	311.0	260.1	190.5	99.1	41.3	26.3	17.0	26.2	46.7	105.2	0.0	1.5	30.0	0.0	0.2	0.0
10	61.6	41.9	51.7	3.8	2.9	3.1	76.8	56.5	33.3	11.5	2.9	1.6	177.5	219.3	289.1	422.2	0.0	0.0	26.1	0.0	5.2	0.0
11	45.8	29.5	37.6	6.1	4.2	5.1	6.2	3.7	1.6	0.3	0.0	0.0	526.7	584.2	672.1	820.8	0.0	0.0	9.4	4.2	19.2	0.1
12	32.6	17.6	25.1	4.9	6.1	5.4	0.2	0.1	0.0	0.0	0.0	0.0	927.0	988.8	1081.7	1236.8	0.0	0.0	1.2	15.3	28.0	4.0
Summary	58.6	39.1	48.8	4.2	4.1	4.0	2327	2009	1570	942	462	319	4522	4934	5591	6788	0.4	17.4	223.7	59.3	140.8	19.6

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	1.25	10.2	4.1	0.4	0.0	0.75	1.09	1.43
02	1.19	8.5	3.2	0.6	0.0	0.79	1.11	1.37
03	2.04	9.9	5.0	1.2	0.3	1.32	2.09	2.74
04	3.75	12.2	7.2	2.5	1.2	2.04	3.77	5.07
05	4.33	13.3	7.9	3.3	1.2	3.00	3.94	5.72
06	5.08	11.8	8.1	3.6	1.4	2.90	4.88	6.93
07	4.23	10.1	6.6	3.0	1.1	2.43	3.93	5.38
08	3.90	9.4	6.4	2.9	1.0	2.18	3.91	5.18
09	3.63	9.6	6.1	2.3	1.0	1.87	2.89	5.17
10	2.49	9.2	5.0	1.6	0.6	1.44	2.13	3.36
11	1.85	8.9	4.1	1.1	0.3	1.18	1.68	2.24
12	1.49	9.8	4.0	0.6	0.1	0.72	1.42	2.00
Summary	35.23	122.9	67.7	23.1	8.2	20.62	32.84	46.59

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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	11.80	8.6	3.6	1.1	0.5	0.0	23.9	19.2	14.7	4.6	6.70	10.60	14.00
02	9.70	7.2	2.9	0.9	0.5	0.0	21.5	17.4	13.8	5.0	5.50	9.40	11.80
03	7.30	4.5	1.9	0.8	0.3	0.1	10.6	7.0	4.4	1.6	5.30	6.10	9.60
04	2.90	2.0	0.9	0.4	0.1	0.0	1.4	0.5	0.2	0.0	0.00	1.90	3.70
05	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
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	0.30	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.20
11	3.40	3.2	0.9	0.3	0.1	0.0	3.5	1.4	0.9	0.2	0.20	1.80	4.00
12	10.90	7.5	3.0	1.1	0.5	0.0	17.7	9.9	7.0	2.6	4.40	8.60	13.00
Summary	46.3	33.3	13.3	4.6	2.0	0.1	78.7	55.4	41.0	14.0	22.1	38.4	56.3

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## Summary of Monthly Normals 1991-2020

Generated on 10/27/2022

<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	1.2	8.6	82.4	297.0	652.7	931.2	1083.2	1015.0	743.8	377.3	92.1	8.2
45	0.0	2.4	42.9	186.1	499.4	781.2	928.2	860.0	594.3	248.4	44.5	2.5
50	0.0	0.5	20.9	103.2	352.7	631.4	773.4	705.2	448.1	146.1	18.2	0.8
55	0.0	0.1	9.8	49.0	223.4	481.9	618.4	550.2	311.0	76.8	6.2	0.2
60	0.0	0.0	4.0	20.2	123.7	337.3	463.6	396.0	190.5	33.3	1.6	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	0.8	4.6	50.7	172.7	390.1	614.3	739.4	684.7	463.6	208.5	47.2	3.3

<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	1	10	92	389	1042	1973	3056	4071	4815	5192	5285	5293
45	0	2	45	231	731	1512	2440	3300	3894	4143	4187	4190
50	0	0	21	125	477	1109	1882	2587	3035	3182	3200	3200
55	0	0	10	59	282	764	1383	1933	2244	2321	2327	2327
60	0	0	4	24	148	485	949	1345	1535	1569	1570	1570
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	1	5	56	229	619	1233	1973	2657	3121	3329	3377	3380

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

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