

**Summary of Monthly Normals**  
**1991-2020**  
Generated on 10/18/2021

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	54.4	29.4	41.9	3.6	3.6	3.4	11.4	7.2	3.5	0.9	0.0	0.0	417.3	475.0	564.3	716.9	0.0	0.0	19.7	1.1	20.7	0.0
02	58.9	33.8	46.3	4.7	3.9	3.9	25.5	17.2	9.1	2.5	0.3	0.1	267.6	315.4	391.2	524.7	0.0	0.0	22.0	0.5	14.3	0.0
03	67.3	40.9	54.1	3.5	3.3	3.2	98.8	72.1	42.1	12.3	1.4	0.5	126.7	162.1	225.1	350.2	0.0	0.1	28.6	0.1	7.0	0.0
04	74.9	48.0	61.4	2.7	3.0	2.7	222.9	177.1	117.9	48.7	13.2	6.5	29.4	43.6	74.3	155.1	0.0	0.0	29.8	0.0	1.3	0.0
05	81.8	58.7	70.2	2.5	2.7	2.3	474.5	414.0	325.3	189.9	81.9	51.4	1.8	3.3	7.7	27.2	0.0	2.4	31.0	0.0	0.1	0.0
06	89.1	66.0	77.5	2.5	2.4	2.2	676.4	616.4	526.5	377.0	231.6	176.8	0.0	0.0	0.1	0.5	0.1	16.3	30.0	0.0	0.0	0.0
07	93.5	70.1	81.8	3.0	2.0	2.2	830.6	768.6	675.6	520.8	366.5	305.2	0.0	0.0	0.0	0.2	3.2	24.8	31.0	0.0	0.0	0.0
08	93.6	68.9	81.3	4.0	2.4	2.9	813.5	751.5	658.5	503.7	350.3	290.1	0.0	0.0	0.0	0.1	5.7	23.4	31.0	0.0	0.0	0.0
09	87.1	61.4	74.3	3.5	3.2	2.8	577.6	517.9	429.0	286.7	161.0	118.8	0.2	0.5	1.7	9.2	1.0	11.6	30.0	0.0	0.0	0.0
10	77.1	49.0	63.1	3.0	2.4	2.1	273.5	223.6	156.9	74.2	25.6	14.9	23.9	36.0	62.4	134.6	0.0	1.7	30.9	0.0	1.2	0.0
11	65.4	39.1	52.2	4.4	3.7	3.7	72.5	52.2	28.8	8.2	1.5	0.5	154.9	194.6	261.2	390.7	0.0	0.0	28.1	0.0	9.3	0.0
12	56.7	32.2	44.4	3.7	3.1	3.1	21.6	14.5	7.4	1.3	0.0	0.0	348.5	403.4	489.2	638.2	0.0	0.0	22.6	0.3	17.2	0.0
Summary	75.0	49.8	62.4	3.4	3.0	2.9	4099	3632	2981	2026	1233	965	1370	1634	2077	2948	10.0	80.3	334.7	2.0	71.1	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	3.77	8.7	5.7	2.7	1.0	2.20	3.52	4.82
02	4.09	8.5	5.8	2.7	1.4	2.30	3.62	4.98
03	5.02	9.6	6.4	3.2	1.8	3.12	4.32	5.64
04	5.37	8.5	6.3	3.4	1.9	2.96	4.36	6.79
05	6.35	9.9	7.3	4.2	1.9	3.38	5.77	7.93
06	4.12	7.5	5.2	2.6	1.4	1.77	3.91	5.56
07	3.61	6.3	4.9	2.4	1.0	1.25	2.28	5.72
08	3.03	6.6	4.8	2.0	0.9	1.49	2.41	3.86
09	4.31	6.2	4.7	2.7	1.6	2.67	3.73	6.02
10	5.18	8.0	5.8	2.9	1.8	2.16	4.94	7.83
11	4.68	8.2	5.4	3.0	1.6	2.03	3.98	6.31
12	4.98	9.3	6.2	3.3	1.6	3.29	4.48	6.04
Summary	54.51	97.3	68.5	35.1	17.9	28.62	47.32	71.50

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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	0.6	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	0.9	0.5	0.3	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	1.8
03	0.2	0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.3	0.1	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0
Summary	2.0	1.0	0.6	0.2	0.0	0.0	0.7	0.2	0.0	0.0	0.0	0.0	1.8

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## Summary of Monthly Normals 1991-2020

Generated on 10/18/2021

<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	148.1	220.5	447.1	644.0	937.6	1126.3	1295.5	1278.4	1027.3	715.0	377.3	189.1
45	73.6	126.5	308.8	495.7	782.6	976.4	1140.6	1123.4	877.3	561.3	248.4	100.6
50	31.2	61.2	190.5	353.3	627.9	826.4	985.6	968.5	727.3	411.3	144.4	48.7
55	11.4	25.5	98.8	222.9	474.5	676.4	830.6	813.5	577.6	273.5	72.5	21.6
60	3.5	9.1	42.1	117.9	325.3	526.5	675.6	658.5	429.0	156.9	28.8	7.4
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	113.4	152.5	288.2	415.2	625.3	766.7	864.8	842.9	680.2	466.8	250.8	136.4

<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	148	369	816	1460	2397	3524	4819	6098	7125	7840	8217	8406
45	74	200	509	1005	1787	2764	3904	5028	5905	6466	6715	6815
50	31	92	283	636	1264	2090	3076	4045	4772	5183	5328	5376
55	11	37	136	359	833	1510	2340	3154	3731	4005	4077	4099
60	4	13	55	173	498	1024	1700	2358	2788	2944	2973	2981
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	113	266	554	969	1595	2361	3226	4069	4749	5216	5467	5603

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

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