

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 09/16/2021

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	72.0	52.2	62.1	3.0	3.8	3.2	251.3	203.5	140.3	59.3	13.7	5.3	31.1	45.3	75.0	149.1	0.0	0.0	30.6	0.0	0.7	0.0
02	75.0	54.8	64.9	3.6	3.4	3.4	288.9	241.1	174.9	83.9	25.1	12.4	11.7	19.9	37.7	86.7	0.0	0.0	28.0	0.0	0.2	0.0
03	78.4	58.4	68.4	3.4	3.4	3.3	419.0	360.2	275.0	148.1	54.7	30.0	3.6	6.8	14.6	42.7	0.0	0.1	31.0	0.0	0.0	0.0
04	83.0	63.0	73.0	2.1	2.3	2.1	540.1	480.2	391.1	248.0	119.6	78.0	0.1	0.2	1.1	7.9	0.0	1.4	30.0	0.0	0.0	0.0
05	88.2	68.5	78.4	1.4	1.9	1.5	723.8	661.8	568.9	414.2	260.8	201.0	0.0	0.0	0.0	0.4	0.0	12.5	31.0	0.0	0.0	0.0
06	91.1	73.7	82.4	1.8	1.1	1.3	822.0	761.9	671.9	522.0	372.0	312.0	0.0	0.0	0.0	0.0	0.1	23.1	30.0	0.0	0.0	0.0
07	92.0	75.2	83.6	1.1	0.9	1.0	886.6	824.6	731.6	576.6	421.6	359.6	0.0	0.0	0.0	0.0	0.1	26.5	31.0	0.0	0.0	0.0
08	91.8	75.5	83.7	0.9	0.9	0.8	888.1	826.1	733.1	578.1	423.1	361.2	0.0	0.0	0.0	0.0	0.0	26.4	31.0	0.0	0.0	0.0
09	90.0	74.2	82.1	1.1	1.0	0.8	812.9	752.9	662.9	512.9	363.0	303.1	0.0	0.0	0.0	0.0	0.0	20.3	30.0	0.0	0.0	0.0
10	85.2	68.3	76.7	1.7	2.5	2.0	674.3	612.4	519.9	368.1	223.0	169.0	0.1	0.2	0.7	3.9	0.0	5.3	31.0	0.0	0.0	0.0
11	78.6	60.1	69.3	2.2	3.3	2.7	432.8	375.6	292.7	167.7	70.7	43.9	2.2	5.0	12.1	37.1	0.0	0.1	30.0	0.0	0.0	0.0
12	74.0	55.0	64.5	3.8	4.5	4.1	313.5	261.8	191.3	94.1	28.3	13.0	19.0	29.2	51.8	109.6	0.0	0.0	30.9	0.0	0.2	0.0
Summary	83.3	64.9	74.1	2.2	2.4	2.2	7053	6362	5354	3773	2376	1888	68	107	193	437	0.2	115.7	364.5	0.0	1.1	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	2.76	7.5	4.1	1.8	0.7	1.51	2.31	3.50
02	1.99	5.7	3.1	1.1	0.5	0.81	1.49	2.21
03	3.11	5.7	3.9	1.9	0.8	0.96	2.54	4.82
04	2.53	5.6	3.3	1.8	0.7	1.43	2.39	3.19
05	3.49	6.9	4.9	2.4	1.1	1.58	2.52	3.78
06	9.03	14.0	10.4	5.4	3.1	5.57	8.73	11.51
07	8.91	17.2	12.4	6.7	2.7	7.06	8.81	9.75
08	10.07	18.1	12.6	6.6	3.0	7.06	9.79	12.26
09	7.43	14.1	9.4	4.1	2.2	3.93	7.48	10.93
10	2.88	7.5	4.4	1.8	0.9	1.47	2.69	3.78
11	1.82	5.1	2.7	0.9	0.4	0.69	1.16	2.01
12	2.26	6.2	3.0	1.3	0.5	0.68	1.38	2.71
Summary	56.28	113.6	74.2	35.8	16.6	32.75	51.29	70.45

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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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	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
03	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
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Summary	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

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## Summary of Monthly Normals 1991-2020

Generated on 09/16/2021

<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	685.6	697.2	880.4	990.0	1188.8	1272.0	1351.6	1353.2	1263.0	1139.2	880.5	759.6
45	533.4	557.7	725.4	840.0	1033.8	1122.0	1196.6	1198.2	1113.0	984.2	730.5	606.0
50	386.2	419.8	570.9	690.0	878.8	972.0	1041.6	1043.2	963.0	829.2	580.6	455.6
55	251.3	288.9	419.0	540.1	723.8	822.0	886.6	888.1	812.9	674.3	432.8	313.5
60	140.3	174.9	275.0	391.1	568.9	671.9	731.6	733.1	662.9	519.9	292.7	191.3
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	419.2	438.9	578.3	680.4	833.7	892.2	947.2	952.0	897.9	808.0	586.3	479.1

<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	686	1383	2263	3253	4442	5714	7066	8419	9682	10821	11702	12461
45	533	1091	1816	2656	3690	4812	6009	7207	8320	9304	10035	10641
50	386	806	1377	2067	2946	3918	4959	6002	6965	7795	8375	8831
55	251	540	959	1499	2223	3045	3932	4820	5633	6307	6740	7053
60	140	315	590	981	1550	2222	2954	3687	4350	4870	5162	5354
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	419	858	1436	2117	2950	3843	4790	5742	6640	7448	8034	8513

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

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