

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 10/26/2021

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	37.0	22.0	29.5	4.5	4.7	4.5	0.7	0.4	0.1	0.0	0.0	0.0	791.1	852.8	945.4	1100.4	0.0	0.0	3.5	10.3	27.0	0.8
02	40.4	23.4	31.9	4.8	4.8	4.6	0.5	0.3	0.0	0.0	0.0	0.0	647.3	703.0	786.7	926.8	0.0	0.0	5.1	6.2	24.2	0.3
03	49.4	30.7	40.1	4.6	3.3	3.9	6.9	4.1	1.6	0.1	0.0	0.0	470.3	529.6	620.0	773.6	0.0	0.0	13.8	1.4	19.7	0.0
04	62.0	40.3	51.1	2.7	2.1	2.2	55.1	39.0	21.2	5.7	1.1	0.4	170.6	214.5	286.7	421.2	0.0	0.1	26.1	0.0	5.9	0.0
05	71.9	50.6	61.2	3.3	3.4	3.1	217.4	172.3	115.0	49.7	15.1	7.4	23.6	40.6	76.2	165.9	0.0	0.3	30.9	0.0	0.4	0.0
06	80.0	59.7	69.9	2.1	1.5	1.5	446.1	387.1	300.9	170.3	72.0	43.8	0.6	1.6	5.5	24.9	0.0	2.4	30.0	0.0	0.0	0.0
07	84.4	64.2	74.3	2.9	2.1	2.3	598.3	536.3	443.2	289.1	149.6	103.6	0.0	0.0	0.0	0.8	0.1	6.0	31.0	0.0	0.0	0.0
08	82.4	62.6	72.5	2.4	2.2	2.1	542.5	480.5	387.7	237.5	108.5	69.7	0.0	0.0	0.3	5.0	0.0	3.1	31.0	0.0	0.0	0.0
09	75.6	55.4	65.5	2.7	2.3	2.1	322.0	267.3	192.4	92.6	30.5	16.7	7.0	12.3	27.5	77.6	0.0	0.8	30.0	0.0	0.0	0.0
10	64.1	43.9	54.0	2.7	3.0	2.6	85.8	60.6	33.8	11.0	2.2	0.9	116.8	153.6	219.7	352.0	0.0	0.0	29.1	0.0	3.0	0.0
11	52.3	34.0	43.2	4.2	2.7	3.2	8.6	4.3	1.3	0.1	0.0	0.0	364.0	419.8	506.7	655.6	0.0	0.0	17.5	0.3	15.0	0.0
12	41.7	26.9	34.3	4.2	3.7	3.9	1.0	0.3	0.0	0.0	0.0	0.0	642.6	704.0	796.6	951.7	0.0	0.0	5.7	4.6	24.5	0.1
Summary	61.8	42.8	52.3	3.4	3.0	3.0	2285	1952	1497	856	379	242	3234	3632	4271	5456	0.1	12.7	253.7	22.8	119.7	1.2

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	3.06	9.9	6.4	2.0	0.5	2.28	2.68	3.70
02	2.55	9.0	5.7	1.7	0.4	1.60	2.29	3.19
03	3.60	10.5	6.5	2.4	0.8	2.79	3.62	4.51
04	3.72	12.0	7.3	2.3	0.9	2.58	3.46	4.77
05	3.99	12.6	7.7	3.0	0.9	3.17	4.10	4.89
06	4.49	11.4	7.8	3.1	1.1	3.06	4.03	5.56
07	4.85	10.7	7.4	3.1	1.3	3.30	4.01	6.30
08	4.63	10.1	6.8	2.9	1.7	2.87	4.03	5.10
09	4.63	9.5	6.4	3.0	1.2	2.41	4.01	5.41
10	4.10	10.0	6.7	2.7	1.1	2.71	3.99	5.49
11	3.21	9.2	5.7	2.5	0.7	2.23	2.98	3.95
12	3.57	10.4	6.8	2.5	0.7	2.51	3.55	4.43
Summary	46.40	125.3	81.2	31.2	11.3	31.51	42.75	57.30

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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	6.8	3.4	2.3	1.0	0.4	0.1	9.4	4.5	1.6	0.8	1.1	4.4	11.0
02	7.8	3.4	2.4	0.9	0.5	0.1	8.8	4.5	3.0	1.0	1.2	4.1	10.0
03	4.2	1.4	1.1	0.4	0.2	0.1	2.8	1.4	0.6	0.1	0.0	1.0	8.3
04	0.4	0.2	0.1	0.1	0.0	0.0	0.2	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	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
11	0.5	0.4	0.2	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.5
12	4.0	1.7	1.2	0.5	0.2	0.0	4.2	2.2	1.0	0.0	0.0	0.8	8.3
Summary	24.0	10.5	7.3	3.0	1.3	0.3	25.8	12.6	6.2	1.9	2.3	10.3	38.1

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## Summary of Monthly Normals 1991-2020

Generated on 10/26/2021

<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	18.6	23.8	110.8	343.0	658.8	895.4	1063.1	1007.4	764.9	435.8	153.4	37.6
45	6.7	8.0	53.1	216.4	504.2	745.4	908.2	852.4	615.0	291.7	75.0	14.1
50	2.0	2.1	20.9	117.8	353.0	595.5	753.3	697.5	466.1	171.4	29.9	4.3
55	0.7	0.5	6.9	55.1	217.4	446.1	598.3	542.5	322.0	85.8	8.6	1.0
60	0.1	0.0	1.6	21.2	115.0	300.9	443.2	387.7	192.4	33.8	1.3	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	10.1	16.1	66.1	197.1	392.9	589.5	728.7	684.9	480.2	243.8	81.2	17.0

<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	19	42	153	496	1155	2050	3114	4121	4886	5322	5475	5513
45	7	15	68	284	788	1534	2442	3294	3909	4201	4276	4290
50	2	4	25	143	496	1091	1845	2542	3008	3180	3210	3214
55	1	1	8	63	281	727	1325	1868	2190	2275	2284	2285
60	0	0	2	23	138	439	882	1270	1462	1496	1497	1497
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	10	26	92	289	682	1272	2000	2685	3166	3409	3491	3508

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

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