

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 12/07/2021

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	40.5	24.0	32.2	4.3	4.5	4.3	2.2	0.9	0.2	0.0	0.0	0.0	707.3	768.0	860.4	1015.1	0.0	0.0	7.7	9.3	23.9	1.0
02	44.2	26.6	35.4	5.1	4.5	4.7	4.2	2.6	0.8	0.0	0.0	0.0	553.0	607.3	689.6	828.8	0.0	0.0	10.1	5.9	21.0	0.3
03	52.5	33.1	42.8	5.0	4.0	4.4	24.7	16.9	8.4	1.7	0.1	0.0	402.8	457.0	541.5	689.8	0.0	0.0	18.1	2.3	16.1	0.0
04	64.4	42.6	53.5	3.1	2.6	2.8	99.6	73.9	43.5	12.6	1.6	0.7	144.6	179.0	238.5	357.7	0.0	0.0	26.5	0.1	5.6	0.0
05	71.5	51.1	61.3	3.5	3.5	3.4	229.1	183.1	123.8	47.4	7.6	2.5	33.8	49.8	83.5	162.1	0.0	0.0	30.4	0.0	0.5	0.0
06	77.8	58.7	68.2	1.7	1.6	1.5	398.5	340.0	255.1	128.5	38.1	17.5	1.1	2.5	7.7	31.1	0.0	0.1	30.0	0.0	0.0	0.0
07	80.7	62.4	71.6	2.4	1.9	2.1	513.0	451.0	358.1	208.6	82.9	45.5	0.0	0.0	0.1	5.7	0.0	0.6	31.0	0.0	0.0	0.0
08	79.9	61.1	70.5	2.3	2.1	2.1	480.4	418.5	326.0	179.0	63.7	33.7	0.0	0.0	0.6	8.6	0.0	0.2	31.0	0.0	0.0	0.0
09	74.4	55.0	64.7	3.5	2.6	2.8	301.2	247.8	173.6	76.3	21.0	9.8	10.2	16.9	32.6	85.3	0.0	0.3	29.9	0.0	0.0	0.0
10	64.3	44.2	54.3	2.5	2.4	2.2	99.3	71.2	39.1	10.1	1.7	0.8	122.5	156.4	217.3	343.3	0.0	0.1	28.3	0.1	4.0	0.0
11	53.2	34.7	44.0	4.8	3.5	4.0	19.1	11.3	4.8	0.8	0.0	0.0	350.5	402.7	486.3	632.2	0.0	0.0	18.9	1.4	14.1	0.0
12	43.9	28.0	36.0	5.1	4.4	4.6	4.5	2.4	0.7	0.0	0.0	0.0	594.9	654.9	746.2	900.5	0.0	0.0	10.4	6.0	21.8	0.1
Summary	62.3	43.5	52.9	3.6	3.1	3.2	2176	1820	1334	665	217	110	2921	3294	3904	5060	0.0	1.3	272.3	25.1	107.0	1.4

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	3.13	15.0	7.7	1.8	0.4	2.24	2.73	4.45
02	3.12	14.4	7.4	1.8	0.5	2.09	2.69	3.75
03	4.03	16.2	9.1	2.5	0.5	2.65	4.01	5.22
04	3.58	14.1	8.3	2.2	0.5	2.56	3.40	4.52
05	4.68	15.0	9.8	2.9	0.8	3.38	4.28	6.35
06	4.30	13.7	9.1	2.8	0.8	3.06	4.22	5.23
07	5.00	13.5	9.2	3.4	1.2	3.59	4.78	5.69
08	3.68	11.5	6.8	2.4	0.8	2.49	3.57	4.57
09	3.20	10.0	5.6	1.8	0.9	1.76	2.40	4.47
10	2.73	10.7	6.0	1.6	0.4	1.52	2.63	3.30
11	2.80	11.8	6.3	1.8	0.4	1.94	2.62	3.76
12	3.29	14.6	7.9	2.0	0.4	2.30	3.08	4.25
Summary	43.54	160.5	93.2	27.0	7.6	29.58	40.41	55.56

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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	15.5	8.5	4.6	1.7	0.7	0.2	10.8	6.0	3.4	1.0	9.4	11.0	18.7
02	15.2	7.2	4.2	1.6	0.8	0.1	8.3	5.5	3.5	1.4	7.2	11.5	20.3
03	8.9	5.6	2.8	0.8	0.5	0.0	5.0	2.9	1.6	0.5	3.5	6.7	12.6
04	1.5	1.5	0.6	0.1	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.6	1.7
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	1.4	0.3	0.2	0.1	0.1	0.0	0.2	0.1	0.1	0.1	0.0	0.0	0.1
11	2.3	2.8	0.8	0.1	0.0	0.0	1.6	0.4	0.2	0.0	0.1	0.7	3.1
12	11.1	6.6	3.4	1.2	0.5	0.1	7.2	3.8	2.2	0.5	4.6	7.6	14.2
Summary	55.9	32.5	16.6	5.6	2.6	0.4	33.6	18.9	11.0	3.5	24.8	38.1	70.7

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## Summary of Monthly Normals 1991-2020

Generated on 12/07/2021

<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	54.1	69.3	186.9	418.6	660.5	847.4	978.0	945.4	740.9	449.1	192.1	80.5
45	23.0	31.7	109.4	290.5	507.0	697.4	823.0	790.4	591.1	310.2	108.7	37.3
50	8.7	12.5	56.3	181.8	360.7	547.6	668.0	635.4	443.1	191.0	52.3	15.0
55	2.2	4.2	24.7	99.6	229.1	398.5	513.0	480.4	301.2	99.3	19.1	4.5
60	0.2	0.8	8.4	43.5	123.8	255.1	358.1	326.0	173.6	39.1	4.8	0.7
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	25.6	37.6	107.6	246.4	395.9	550.6	664.0	632.9	458.3	252.2	102.8	37.2

<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	54	123	310	729	1389	2237	3215	4160	4901	5350	5542	5623
45	23	55	164	455	962	1659	2482	3272	3864	4174	4282	4320
50	9	21	78	259	620	1168	1836	2471	2914	3105	3157	3172
55	2	6	31	131	360	758	1271	1752	2053	2152	2171	2176
60	0	1	9	53	177	432	790	1116	1290	1329	1333	1334
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	26	63	171	417	813	1364	2028	2661	3119	3371	3474	3511

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

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