

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 09/23/2021

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	42.4	19.0	30.7	3.0	3.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	753.3	815.3	908.3	1063.3	0.0	0.0	5.0	2.9	29.7	0.4
02	44.6	21.7	33.2	3.9	3.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	611.8	667.8	751.8	891.8	0.0	0.0	8.4	2.2	25.6	0.4
03	50.8	25.6	38.2	3.1	2.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	520.8	582.8	675.8	830.8	0.0	0.0	18.5	0.5	25.8	0.0
04	58.0	31.2	44.6	3.0	2.2	2.5	1.2	0.3	0.0	0.0	0.0	0.0	313.2	372.3	462.0	612.0	0.0	0.0	26.3	0.0	17.7	0.0
05	65.9	38.1	52.0	3.2	1.5	2.2	32.6	17.0	4.9	0.2	0.0	0.0	125.6	171.9	252.9	403.2	0.0	0.0	30.5	0.0	4.9	0.0
06	74.3	44.8	59.6	2.8	2.0	2.2	146.7	98.1	42.8	4.0	0.0	0.0	10.2	21.7	56.4	167.6	0.0	0.0	30.0	0.0	0.2	0.0
07	72.2	48.0	60.1	2.5	1.4	1.6	160.4	104.1	39.8	3.4	0.1	0.0	2.2	8.0	36.6	155.2	0.0	0.0	31.0	0.0	0.0	0.0
08	70.8	47.4	59.1	2.5	1.5	1.7	130.6	77.8	23.5	0.4	0.0	0.0	3.5	12.8	51.4	183.4	0.0	0.0	31.0	0.0	0.0	0.0
09	67.3	42.2	54.8	2.4	2.3	1.9	45.7	20.6	3.6	0.1	0.0	0.0	53.2	88.1	161.1	307.6	0.0	0.0	29.9	0.0	1.2	0.0
10	60.1	34.0	47.1	2.8	2.1	1.9	2.3	0.3	0.0	0.0	0.0	0.0	248.8	308.8	401.5	556.5	0.0	0.0	28.7	0.1	13.2	0.0
11	50.6	25.5	38.0	4.0	2.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0	508.5	568.5	658.5	808.5	0.0	0.0	17.8	0.8	24.6	0.1
12	42.8	19.4	31.1	2.7	2.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	740.8	802.8	895.8	1050.8	0.0	0.0	6.5	3.5	29.4	0.3
Summary	58.3	33.1	45.7	3.0	2.2	2.3	520	318	115	8	0	0	3892	4421	5312	7031	0.0	0.0	263.6	10.0	172.3	1.2

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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	1.59	5.7	3.8	1.1	0.2	0.57	1.28	2.11
02	1.69	6.0	4.0	1.1	0.3	0.81	1.43	2.54
03	1.45	5.6	3.2	1.0	0.2	0.87	1.26	1.98
04	0.85	3.5	2.3	0.6	0.1	0.25	0.46	1.26
05	1.22	4.9	2.8	0.8	0.2	0.29	0.83	1.75
06	2.22	9.1	5.5	1.3	0.3	1.30	1.99	3.08
07	5.53	16.7	10.9	4.0	1.3	3.49	5.50	6.49
08	5.01	15.9	10.8	3.6	0.7	3.97	4.81	5.69
09	3.23	10.0	6.4	2.2	0.8	2.05	2.79	4.02
10	2.13	6.4	4.2	1.8	0.5	1.32	1.86	2.95
11	1.38	4.2	3.2	1.0	0.3	0.82	1.19	1.75
12	2.15	5.9	4.4	1.4	0.4	1.13	1.74	3.02
Summary	28.45	93.9	61.5	19.9	5.3	16.87	25.14	36.64

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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	13.1	4.7	3.9	1.9	1.1	0.0					2.7	12.2	21.0
02	13.3	4.3	3.9	2.0	1.1	0.0					5.3	8.9	20.0
03	9.8	3.9	3.6	1.6	0.5	0.0					4.3	9.5	14.4
04	3.7	1.3	1.1	0.5	0.2	0.0					0.0	3.0	5.6
05	0.1	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
07	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
09	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
10	3.2	1.0	0.9	0.5	0.2	0.0					0.0	2.0	4.0
11	7.3	2.4	2.1	1.0	0.5	0.1					1.9	4.0	10.3
12	16.3	4.9	4.5	2.1	1.3	0.3					7.0	13.0	20.5
Summary	66.8	22.5	20.0	9.6	4.9	0.4	0.0	0.0	0.0	0.0	21.2	52.6	95.8

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## Summary of Monthly Normals 1991-2020

Generated on 09/23/2021

<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	3.3	12.0	52.8	165.6	374.5	586.4	623.1	592.1	442.5	231.7	53.0	5.0
45	0.0	1.5	11.4	66.0	228.6	436.3	468.1	437.0	293.7	106.7	11.5	0.3
50	0.0	0.2	0.8	14.3	106.2	287.2	313.2	282.1	153.2	28.9	1.1	0.0
55	0.0	0.0	0.0	1.2	32.6	146.7	160.4	130.6	45.7	2.3	0.0	0.0
60	0.0	0.0	0.0	0.0	4.9	42.8	39.8	23.5	3.6	0.0	0.0	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	6.4	14.6	55.7	129.2	248.3	369.5	351.1	328.0	261.9	162.9	55.9	10.2

<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	3	15	68	234	608	1195	1818	2410	2852	3084	3137	3142
45	0	2	13	79	308	744	1212	1649	1943	2049	2061	2061
50	0	0	1	15	122	409	722	1004	1157	1186	1187	1187
55	0	0	0	1	34	180	341	472	517	520	520	520
60	0	0	0	0	5	48	88	111	115	115	115	115
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	6	21	77	206	454	824	1175	1503	1765	1928	1984	1994

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

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