

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 09/28/2021

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	30.9	19.9	25.4	4.3	5.4	4.8	0.0	0.0	0.0	0.0	0.0	0.0	917.4	979.4	1072.4	1227.4	0.0	0.0	1.6	16.8	27.8	2.0
02	33.3	20.5	26.9	5.0	5.4	5.1	0.0	0.0	0.0	0.0	0.0	0.0	786.7	842.7	926.7	1066.7	0.0	0.0	1.8	12.7	25.8	1.0
03	42.2	28.3	35.2	4.9	3.9	4.3	4.2	2.7	1.2	0.2	0.0	0.0	616.4	676.9	768.4	922.4	0.0	0.0	7.9	5.6	22.9	0.1
04	54.2	38.0	46.1	3.5	2.3	2.8	25.7	16.5	7.9	1.6	0.2	0.1	292.6	343.5	424.9	568.6	0.0	0.0	19.3	0.3	7.6	0.0
05	66.7	48.8	57.7	4.0	3.1	3.5	155.2	120.5	80.0	34.9	11.4	6.1	70.0	97.3	149.9	259.7	0.0	0.4	29.5	0.0	0.3	0.0
06	76.4	58.8	67.6	2.7	1.9	2.1	382.1	325.8	246.2	134.2	57.4	37.5	4.2	7.9	18.2	56.3	0.0	2.6	30.0	0.0	0.0	0.0
07	81.3	65.2	73.3	2.9	2.5	2.6	565.6	503.6	410.7	260.5	130.2	90.0	0.0	0.0	0.1	4.9	0.1	4.0	31.0	0.0	0.0	0.0
08	79.7	64.0	71.8	2.7	2.4	2.4	522.2	460.3	367.5	220.0	99.0	64.5	0.0	0.0	0.2	7.8	0.0	2.0	31.0	0.0	0.0	0.0
09	73.1	56.8	65.0	3.0	2.4	2.5	308.3	255.4	182.6	87.6	31.1	18.1	9.9	17.1	34.2	89.2	0.0	1.0	30.0	0.0	0.0	0.0
10	60.5	46.0	53.2	2.6	2.4	2.4	80.1	57.3	32.8	9.7	2.3	1.3	134.3	173.6	242.0	374.0	0.0	0.0	27.3	0.0	1.2	0.0
11	46.9	35.2	41.0	4.6	3.4	3.9	5.9	3.0	0.9	0.0	0.0	0.0	424.3	481.5	569.3	718.5	0.0	0.0	11.8	1.2	12.7	0.0
12	36.0	26.4	31.2	4.2	4.6	4.3	0.1	0.0	0.0	0.0	0.0	0.0	737.8	799.7	892.7	1047.7	0.0	0.0	2.9	9.9	24.1	0.3
Summary	56.8	42.3	49.5	3.7	3.3	3.4	2049	1745	1330	749	332	218	3994	4420	5099	6343	0.1	10.0	224.1	46.5	122.4	3.4

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	2.48	14.0	6.5	1.3	0.2	1.71	2.39	3.14
02	2.06	10.3	5.3	1.1	0.3	1.19	2.09	2.77
03	2.21	10.8	5.4	1.3	0.3	1.30	1.96	2.74
04	3.15	12.9	7.5	1.9	0.5	2.25	2.88	3.92
05	3.53	13.0	7.8	2.0	0.6	2.41	3.02	4.36
06	3.62	10.9	7.0	2.4	0.9	2.32	3.21	4.27
07	3.25	10.1	6.7	2.0	0.7	2.34	3.11	4.10
08	3.14	10.3	6.0	2.0	0.6	1.83	2.98	4.14
09	3.32	10.1	6.7	2.1	0.7	1.96	2.76	4.43
10	3.13	12.6	7.0	2.0	0.4	2.21	2.84	4.06
11	2.81	11.8	6.4	1.6	0.4	1.85	2.53	3.99
12	2.17	12.7	5.8	1.4	0.1	1.67	2.20	2.53
Summary	34.87	139.5	78.1	21.1	5.7	23.04	31.97	44.45

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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	11.1	7.4	4.0	1.1	0.3	0.1	17.0	10.6	5.8	1.6	5.6	9.4	16.6
02	11.4	5.9	3.0	1.1	0.5	0.0	15.6	10.3	6.2	1.8	6.8	10.6	18.0
03	4.6	2.9	1.8	0.7	0.2	0.0	6.6	3.6	1.8	0.1	0.5	3.2	8.2
04	0.4	0.6	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.5
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	1.3	0.8	0.5	0.1	0.1	0.0	1.2	0.3	0.2	0.0	0.0	0.0	1.7
12	6.7	4.4	2.5	0.7	0.4	0.1	8.9	5.0	2.8	0.9	1.0	4.0	12.6
Summary	35.5	22.0	12.0	3.7	1.5	0.2	49.6	29.8	16.8	4.4	13.9	27.2	57.6

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## Summary of Monthly Normals 1991-2020

Generated on 09/28/2021

<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	7.0	8.9	60.0	219.4	550.6	827.9	1030.6	987.3	748.4	414.5	123.0	20.8
45	1.6	2.1	27.9	124.3	400.4	678.0	875.6	832.3	598.6	274.8	58.3	6.2
50	0.3	0.3	11.2	61.7	264.6	528.6	720.6	677.2	450.2	160.6	21.8	1.3
55	0.0	0.0	4.2	25.7	155.2	382.1	565.6	522.2	308.3	80.1	5.9	0.1
60	0.0	0.0	1.2	7.9	80.0	246.2	410.7	367.5	182.6	32.8	0.9	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	1.5	3.7	31.3	110.3	298.4	525.1	706.4	669.1	457.6	199.1	43.0	5.7

<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	7	16	76	295	846	1674	2704	3692	4440	4855	4978	4998
45	2	4	32	156	556	1234	2110	2942	3541	3816	3874	3880
50	0	1	12	74	338	867	1587	2264	2715	2875	2897	2898
55	0	0	4	30	185	567	1133	1655	1963	2043	2049	2049
60	0	0	1	9	89	335	746	1114	1296	1329	1330	1330
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	2	5	36	147	445	970	1677	2346	2803	3002	3045	3051

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

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