

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 08/02/2021

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	58.5	40.5	49.5	3.2	2.5	2.5	11.1	4.3	0.8	0.0	0.0	0.0	181.5	236.8	326.3	480.5	0.0	0.0	28.4	0.0	3.3	0.0
02	62.9	44.1	53.5	4.0	2.6	3.0	51.5	31.6	12.7	1.3	0.0	0.0	93.4	129.5	194.7	323.3	0.0	0.0	27.2	0.0	1.1	0.0
03	71.1	50.5	60.8	4.1	2.7	3.3	204.3	157.6	100.1	36.0	7.7	3.6	24.5	39.9	75.3	166.2	0.0	0.3	30.8	0.0	0.1	0.0
04	78.5	56.9	67.7	3.3	2.5	2.8	384.3	327.6	247.9	135.8	57.3	36.9	3.3	6.6	16.9	54.8	0.0	3.5	30.0	0.0	0.0	0.0
05	88.5	66.1	77.3	4.1	3.6	3.8	691.5	629.6	537.6	389.5	255.8	208.2	0.1	0.3	1.3	8.2	2.8	15.9	31.0	0.0	0.0	0.0
06	99.4	75.8	87.6	3.6	3.0	3.3	977.9	917.9	828.0	678.6	530.3	471.5	0.0	0.0	0.1	0.7	17.1	26.9	30.0	0.0	0.0	0.0
07	104.5	82.0	93.2	2.3	2.2	2.2	1185.6	1123.7	1030.7	875.6	720.6	658.6	0.0	0.0	0.0	0.0	25.8	30.6	31.0	0.0	0.0	0.0
08	102.8	80.6	91.7	2.2	1.8	1.9	1137.6	1075.7	982.7	827.6	672.6	610.6	0.0	0.0	0.0	0.0	24.5	30.4	31.0	0.0	0.0	0.0
09	94.9	72.4	83.6	2.4	1.8	2.0	859.4	799.5	709.5	559.7	412.0	354.5	0.0	0.0	0.1	0.3	7.9	24.1	30.0	0.0	0.0	0.0
10	81.2	59.6	70.4	3.1	2.6	2.7	479.5	419.8	332.6	199.9	96.7	66.7	2.1	4.4	10.2	32.5	0.1	5.5	31.0	0.0	0.0	0.0
11	67.1	47.3	57.2	3.8	2.8	3.2	124.1	90.9	54.0	16.0	2.7	1.1	58.0	84.9	138.0	250.0	0.0	0.0	29.5	0.0	0.7	0.0
12	56.9	39.6	48.2	2.4	2.0	1.9	7.3	3.3	0.8	0.1	0.0	0.0	216.4	274.4	364.9	519.1	0.0	0.0	27.6	0.0	4.6	0.0
Summary	80.5	59.6	70.1	3.2	2.5	2.7	6114	5582	4837	3720	2756	2412	579	777	1128	1836	78.2	137.2	357.5	0.0	9.8	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	0.56	3.1	1.6	0.2	0.0	0.01	0.19	0.87
02	0.80	4.1	2.1	0.5	0.1	0.06	0.39	1.42
03	0.42	2.8	1.3	0.2	0.0	0.08	0.17	0.31
04	0.20	1.6	0.5	0.1	0.0	0.00	0.04	0.13
05	0.07	1.1	0.2	0.0	0.0	0.00	0.01	0.07
06	0.04	0.4	0.1	0.0	0.0	0.00	0.00	0.05
07	0.38	2.5	1.0	0.2	0.0	0.06	0.21	0.52
08	0.32	2.2	0.7	0.2	0.0	0.04	0.22	0.35
09	0.32	1.8	0.7	0.2	0.0	0.00	0.05	0.43
10	0.32	1.7	1.0	0.1	0.0	0.00	0.04	0.52
11	0.30	1.5	0.7	0.2	0.0	0.00	0.11	0.37
12	0.45	3.0	1.1	0.2	0.1	0.06	0.18	0.75
Summary	4.18	25.8	11.0	2.1	0.2	0.31	1.61	5.79

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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	0.1	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	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Summary	0.2	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0

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## Summary of Monthly Normals 1991-2020

Generated on 08/02/2021

<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	298.0	378.4	644.8	831.0	1156.3	1427.9	1650.7	1602.7	1309.5	942.4	516.1	259.6
45	159.5	244.4	490.4	681.0	1001.3	1277.9	1495.7	1447.7	1159.5	787.4	369.4	129.5
50	59.2	129.9	339.9	531.3	846.3	1127.9	1340.7	1292.7	1009.5	632.6	234.0	42.8
55	11.1	51.5	204.3	384.3	691.5	977.9	1185.6	1137.6	859.4	479.5	124.1	7.3
60	0.8	12.7	100.1	247.9	537.6	828.0	1030.7	982.7	709.5	332.6	54.0	0.8
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	138.6	188.3	368.7	525.8	765.4	920.9	1043.9	1028.3	867.0	615.0	281.6	114.6

<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	298	676	1321	2152	3308	4736	6387	7990	9299	10242	10758	11017
45	160	404	894	1575	2577	3854	5350	6798	7957	8745	9114	9244
50	59	189	529	1060	1907	3034	4375	5668	6677	7310	7544	7587
55	11	63	267	651	1343	2321	3506	4644	5503	5983	6107	6114
60	1	14	114	362	899	1727	2758	3740	4450	4783	4837	4837
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	139	327	696	1221	1987	2908	3952	4980	5847	6462	6744	6858

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

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