

## Summary of Monthly Normals 1991-2020

Generated on 10/22/2021

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	59.8	43.6	51.7	3.2	4.0	3.5	65.2	44.1	21.1	2.9	0.1	0.0	167.4	208.3	278.3	415.1	0.0	0.0	27.6	0.0	5.1	0.0
02	63.2	47.3	55.2	2.9	4.1	3.4	95.6	68.3	36.4	8.0	0.5	0.0	88.6	117.2	169.4	281.0	0.0	0.0	26.8	0.0	1.9	0.0
03	69.3	53.4	61.3	2.8	4.0	3.3	228.4	181.0	118.7	43.1	7.6	2.7	31.5	46.1	76.9	156.3	0.0	0.0	30.7	0.0	0.5	0.0
04	75.8	60.4	68.1	2.3	2.9	2.5	395.6	337.8	254.6	133.7	48.3	27.4	2.6	4.8	11.6	40.7	0.0	0.0	30.0	0.0	0.0	0.0
05	82.8	68.3	75.6	1.8	2.4	1.9	637.0	575.0	482.1	329.1	186.1	134.6	0.0	0.0	0.1	2.1	0.0	1.2	31.0	0.0	0.0	0.0
06	88.0	73.8	80.9	1.6	1.3	1.3	776.9	716.9	626.9	476.9	326.9	267.0	0.0	0.0	0.0	0.0	0.0	8.7	30.0	0.0	0.0	0.0
07	89.7	75.3	82.5	1.3	1.1	1.1	852.5	790.5	697.5	542.5	387.5	325.5	0.0	0.0	0.0	0.0	0.1	16.1	31.0	0.0	0.0	0.0
08	89.9	75.1	82.5	1.7	1.3	1.4	852.5	790.5	697.5	542.5	387.5	325.5	0.0	0.0	0.0	0.0	0.2	18.0	31.0	0.0	0.0	0.0
09	86.9	71.5	79.2	1.8	1.9	1.7	725.9	665.9	575.9	426.1	278.5	221.7	0.0	0.0	0.0	0.1	0.0	7.6	30.0	0.0	0.0	0.0
10	79.1	61.9	70.5	1.5	2.8	1.9	483.3	423.4	335.9	202.2	94.6	62.5	2.8	4.9	10.5	31.7	0.0	0.3	31.0	0.0	0.0	0.0
11	69.2	51.2	60.2	2.9	3.9	3.3	197.3	155.6	102.0	39.4	8.3	3.4	41.2	59.5	95.9	183.3	0.0	0.0	29.8	0.0	0.7	0.0
12	62.2	45.9	54.0	2.6	3.5	3.0	91.6	65.3	35.1	7.8	0.9	0.3	121.0	156.7	219.5	347.2	0.0	0.0	29.3	0.0	2.5	0.0
Summary	76.3	60.6	68.5	2.2	2.8	2.4	5402	4814	3984	2754	1727	1371	455	598	862	1458	0.3	51.9	358.2	0.0	10.7	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	5.37	9.5	6.4	3.3	1.6	2.63	3.72	6.61
02	4.37	8.9	5.8	2.9	1.6	2.54	4.05	6.23
03	5.72	8.0	5.4	3.2	1.9	3.67	5.32	7.88
04	5.65	7.0	5.2	3.3	2.0	2.79	5.03	7.54
05	5.23	7.1	5.2	3.0	1.5	2.92	4.55	7.15
06	7.13	11.9	8.2	4.2	2.1	4.56	6.01	8.69
07	8.09	13.9	10.0	4.9	2.3	5.76	7.73	10.18
08	6.93	12.7	8.7	3.7	1.9	4.32	6.38	8.37
09	5.24	8.6	5.9	2.8	1.4	2.10	3.80	6.17
10	3.68	6.5	4.0	2.2	1.2	1.12	2.52	5.90
11	4.36	7.3	5.1	2.7	1.4	2.03	3.70	5.52
12	5.03	9.2	6.4	2.8	1.6	3.16	4.10	6.18
Summary	66.80	110.6	76.3	39.0	20.5	37.60	56.91	86.42

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**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 10/22/2021

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03	0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Summary	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0

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Generated on 10/22/2021

<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	375.6	429.2	662.4	843.0	1102.0	1226.9	1317.5	1317.5	1175.9	945.5	606.2	440.5
45	245.0	297.8	509.6	693.0	947.0	1076.9	1162.5	1162.5	1025.9	790.7	458.8	298.7
50	139.3	183.8	361.8	543.3	792.0	926.9	1007.5	1007.5	875.9	636.2	320.1	179.4
55	65.2	95.6	228.4	395.6	637.0	776.9	852.5	852.5	725.9	483.3	197.3	91.6
60	21.1	36.4	118.7	254.6	482.1	626.9	697.5	697.5	575.9	335.9	102.0	35.1
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	189.2	228.3	393.2	551.9	784.6	889.0	946.6	943.4	844.1	640.7	360.5	232.2

<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	376	805	1467	2310	3412	4639	5957	7274	8450	9396	10002	10442
45	245	543	1052	1745	2692	3769	4932	6094	7120	7911	8370	8668
50	139	323	685	1228	2020	2947	3955	4962	5838	6474	6794	6974
55	65	161	389	785	1422	2199	3051	3904	4630	5113	5310	5402
60	21	58	176	431	913	1540	2237	2935	3511	3847	3949	3984
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	189	418	811	1363	2147	3036	3983	4926	5770	6411	6772	7004

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

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