

**Summary of Monthly Normals**  
**1991-2020**  
Generated on 10/23/2021

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	22.7	11.0	16.9	5.8	7.1	6.4	0.0	0.0	0.0	0.0	0.0	0.0	1182.6	1244.6	1337.6	1492.6	0.0	0.0	0.0	24.1	30.3	7.0
02	27.3	15.2	21.3	4.7	5.9	5.2	0.0	0.0	0.0	0.0	0.0	0.0	945.0	1001.0	1085.0	1225.0	0.0	0.0	0.0	18.9	27.2	3.8
03	33.0	18.6	25.8	4.2	5.2	4.6	0.0	0.0	0.0	0.0	0.0	0.0	905.1	967.1	1060.1	1215.1	0.0	0.0	0.3	13.2	29.4	1.4
04	45.1	29.9	37.5	3.1	2.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	525.1	585.0	675.0	825.0	0.0	0.0	8.9	1.5	18.8	0.0
05	56.3	40.0	48.1	2.6	1.9	2.0	6.1	2.6	0.3	0.0	0.0	0.0	218.4	276.9	367.7	522.4	0.0	0.0	26.8	0.0	2.7	0.0
06	63.4	48.4	55.9	2.5	1.5	1.9	64.2	36.6	13.1	1.6	0.1	0.0	37.2	69.6	136.1	274.7	0.0	0.0	30.0	0.0	0.0	0.0
07	66.2	52.9	59.6	2.8	1.8	2.3	145.0	93.2	38.3	4.6	0.3	0.1	3.9	14.2	52.3	173.6	0.0	0.0	31.0	0.0	0.0	0.0
08	64.0	50.9	57.5	2.6	1.7	2.0	91.6	51.5	17.5	1.4	0.0	0.0	15.7	37.6	96.6	235.5	0.0	0.0	31.0	0.0	0.0	0.0
09	55.7	42.9	49.3	2.8	3.0	2.8	6.5	1.9	0.3	0.0	0.0	0.0	177.5	232.9	321.3	471.0	0.0	0.0	26.4	0.0	2.5	0.0
10	42.0	30.7	36.3	4.3	4.8	4.5	0.1	0.0	0.0	0.0	0.0	0.0	578.2	640.1	733.1	888.1	0.0	0.0	6.3	3.9	17.6	0.0
11	28.9	18.3	23.6	5.4	6.4	5.9	0.0	0.0	0.0	0.0	0.0	0.0	941.9	1001.9	1091.9	1241.9	0.0	0.0	0.1	18.7	27.2	1.8
12	25.0	13.8	19.4	4.5	5.5	4.9	0.0	0.0	0.0	0.0	0.0	0.0	1103.6	1165.6	1258.6	1413.6	0.0	0.0	0.0	23.9	30.6	4.5
Summary	44.1	31.0	37.6	3.8	4.0	3.8	314	186	69	8	0	0	6634	7236	8215	9978	0.0	0.0	160.8	104.2	186.3	18.5

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	0.75	8.1	2.7	0.0	0.0	0.46	0.69	1.10
02	0.86	7.9	3.0	0.2	0.0	0.45	0.86	1.03
03	0.69	6.0	2.3	0.2	0.0	0.43	0.64	0.88
04	0.43	4.9	1.4	0.0	0.0	0.11	0.33	0.49
05	0.65	6.5	2.0	0.2	0.0	0.34	0.57	0.90
06	1.02	8.6	3.1	0.3	0.0	0.60	1.00	1.21
07	1.82	11.7	5.1	0.9	0.1	1.03	1.59	2.45
08	2.93	14.4	8.3	1.5	0.3	1.72	2.56	3.87
09	3.10	14.9	8.0	1.8	0.3	1.90	3.04	3.88
10	1.82	11.5	5.2	0.8	0.1	1.24	1.81	2.50
11	1.19	9.8	3.7	0.3	0.0	0.38	1.11	1.69
12	1.16	10.8	4.0	0.2	0.0	0.61	1.15	1.54
Summary	16.42	115.1	48.8	6.4	0.8	9.27	15.35	21.54

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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	12.4	8.8	3.6	1.4	0.5	0.1	30.5	28.5	25.9	18.4	6.9	10.7	14.5
02	13.4	7.8	3.5	1.5	0.6	0.0	26.9	25.4	25.1	20.9	5.5	12.7	18.3
03	11.0	6.1	2.9	1.2	0.5	0.1	28.6	27.4	27.0	22.6	5.8	10.5	14.8
04	4.0	2.5	1.2	0.4	0.2	0.0	13.9	12.0	10.5	7.1	0.0	1.5	5.1
05	0.3	0.3	0.0	0.0	0.0	0.0	0.2	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	0.4	0.3	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
10	5.6	3.2	1.5	0.6	0.3	0.0	5.4	3.1	1.9	0.6	0.5	3.4	8.7
11	12.6	7.7	4.0	1.3	0.6	0.0	20.6	16.1	11.4	3.9	4.8	11.1	16.8
12	18.2	10.8	5.0	2.1	0.9	0.1	28.1	25.6	22.9	12.5	9.2	17.8	26.3
Summary	77.9	47.5	21.8	8.6	3.6	0.3	154.3	138.1	124.7	86.0	32.7	67.7	104.5

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## Summary of Monthly Normals 1991-2020

Generated on 10/23/2021

<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	0.2	0.2	0.6	39.0	255.7	477.0	606.0	540.9	284.7	51.7	1.6	0.4
45	0.0	0.0	0.0	6.0	119.7	327.1	451.0	385.9	153.1	13.9	0.1	0.0
50	0.0	0.0	0.0	0.7	35.8	181.1	296.0	231.8	50.7	2.0	0.0	0.0
55	0.0	0.0	0.0	0.0	6.1	64.2	145.0	91.6	6.5	0.1	0.0	0.0
60	0.0	0.0	0.0	0.0	0.3	13.1	38.3	17.5	0.3	0.0	0.0	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	0.0	0.0	0.0	13.4	105.2	215.3	301.4	249.0	96.4	8.1	0.1	0.0

<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	0	0	1	40	296	773	1379	1920	2204	2256	2258	2258
45	0	0	0	6	126	453	904	1290	1443	1457	1457	1457
50	0	0	0	1	36	218	514	745	796	798	798	798
55	0	0	0	0	6	70	215	307	313	314	314	314
60	0	0	0	0	0	13	52	69	69	69	69	69
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	0	0	0	13	119	334	635	884	981	989	989	989

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

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