

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 12/07/2021

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	30.4	15.1	22.7	4.3	5.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	999.6	1061.6	1154.6	1309.6	0.0	0.0	0.8	18.7	29.5	4.2
02	32.9	14.2	23.6	4.7	7.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	880.4	936.4	1020.4	1160.5	0.0	0.0	1.4	13.8	26.8	4.9
03	42.9	21.1	32.0	5.2	4.4	4.6	4.1	2.9	1.6	0.4	0.0	0.0	717.0	777.9	869.6	1023.4	0.0	0.0	7.9	5.7	26.6	2.2
04	56.0	31.2	43.6	4.5	2.6	3.4	19.8	13.6	7.1	2.1	0.8	0.4	361.8	415.6	499.1	644.1	0.0	0.0	20.0	0.4	17.3	0.0
05	70.0	41.4	55.7	4.6	2.9	3.7	126.6	97.0	63.0	27.3	8.5	4.7	105.0	137.4	196.4	315.6	0.0	0.8	29.8	0.0	6.0	0.0
06	79.2	50.8	65.0	2.6	2.6	2.3	310.5	257.5	185.1	90.6	34.5	21.1	10.6	17.6	35.3	90.7	0.0	3.1	30.0	0.0	0.5	0.0
07	82.6	55.2	68.9	3.2	2.9	2.9	431.2	370.0	280.9	150.7	63.1	39.8	0.4	1.2	5.0	29.8	0.0	3.9	31.0	0.0	0.0	0.0
08	80.9	53.8	67.4	2.7	2.9	2.5	383.8	323.4	236.5	115.2	39.9	22.5	1.0	2.7	8.8	42.4	0.0	2.8	31.0	0.0	0.0	0.0
09	73.7	47.5	60.6	2.9	2.6	2.5	201.7	159.3	106.0	44.4	14.2	8.0	33.8	51.4	88.1	176.5	0.0	1.0	29.9	0.0	1.0	0.0
10	60.3	38.4	49.4	3.7	2.5	2.8	43.7	29.9	16.3	5.1	1.6	0.9	218.8	267.0	346.4	490.3	0.0	0.0	25.8	0.0	7.9	0.0
11	46.5	30.3	38.4	5.2	2.1	3.5	2.7	1.4	0.5	0.1	0.0	0.0	500.7	559.3	648.4	798.1	0.0	0.0	11.9	2.1	18.5	0.0
12	35.4	22.3	28.8	3.9	4.2	3.9	0.0	0.0	0.0	0.0	0.0	0.0	810.6	872.5	965.5	1120.6	0.0	0.0	1.9	11.4	27.7	0.8
Summary	57.6	35.1	46.3	4.0	3.6	3.6	1524	1255	897	436	163	97	4640	5101	5838	7202	0.0	11.6	221.4	52.1	161.8	12.1

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	2.04	17.3	7.1	0.6	0.0	1.29	1.89	2.50
02	1.34	12.4	4.2	0.3	0.0	1.00	1.30	1.81
03	1.54	9.5	4.1	0.8	0.1	0.76	1.21	2.27
04	2.52	11.4	6.6	1.5	0.4	1.99	2.38	2.98
05	2.98	11.5	6.6	2.0	0.4	2.21	2.83	3.95
06	3.15	10.4	6.3	2.0	0.6	2.23	3.12	4.10
07	2.90	9.8	6.0	2.0	0.6	2.11	2.66	3.61
08	3.26	10.0	6.0	2.5	0.8	2.21	3.26	3.94
09	3.74	11.3	7.9	2.3	0.8	3.05	3.71	4.42
10	4.37	14.6	9.3	2.3	0.8	2.52	4.24	6.06
11	2.76	14.6	8.4	1.4	0.4	1.91	2.67	3.60
12	2.24	16.1	7.3	0.4	0.0	1.57	2.11	2.83
Summary	32.84	148.9	79.8	18.1	4.9	22.85	31.38	42.07

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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	37.4	15.6	11.5	4.8	2.1	0.3	29.1	26.8	24.0	15.0	28.4	43.5	48.0
02	23.1	11.0	7.7	3.3	1.2	0.1	28.0	26.1	23.7	16.6	16.1	23.6	27.8
03	11.0	5.5	4.0	1.3	0.7	0.1	21.1	18.4	15.4	7.1	4.4	11.6	16.8
04	4.6	2.2	1.6	0.5	0.1	0.0	3.3	1.8	1.2	0.4	0.8	3.1	7.3
05	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
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	0.7	0.4	0.3	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
11	10.0	5.0	3.8	1.3	0.4	0.1	6.8	3.8	2.2	0.5	2.5	9.4	14.0
12	35.4	12.5	9.8	4.5	2.0	0.3	20.9	17.3	12.8	4.9	17.7	33.7	50.8
Summary	122.2	52.3	38.7	15.8	6.5	0.9	109.5	94.2	79.3	44.5	69.9	124.9	164.7

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## Summary of Monthly Normals 1991-2020

Generated on 12/07/2021

<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	1.5	4.5	45.1	175.7	489.5	749.9	895.8	847.8	618.0	302.8	77.7	8.1
45	0.1	1.0	21.5	95.9	346.3	600.0	740.8	692.7	469.0	181.7	31.7	2.1
50	0.0	0.1	9.9	46.1	222.5	451.9	585.8	537.8	326.8	95.8	10.4	0.5
55	0.0	0.0	4.1	19.8	126.6	310.5	431.2	383.8	201.7	43.7	2.7	0.0
60	0.0	0.0	1.6	7.1	63.0	185.1	280.9	236.5	106.0	16.3	0.5	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	0.5	2.9	34.0	131.0	324.7	485.1	586.1	549.1	389.1	180.2	45.2	3.2

<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	2	6	51	227	716	1466	2362	3210	3828	4131	4208	4216
45	0	1	23	118	465	1065	1806	2498	2967	3149	3181	3183
50	0	0	10	56	279	730	1316	1854	2181	2277	2287	2288
55	0	0	4	24	150	461	892	1276	1478	1521	1524	1524
60	0	0	2	9	72	257	538	774	880	896	897	897
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	0	3	37	168	493	978	1564	2113	2502	2683	2728	2731

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

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