

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 11/28/2021

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	29.8	15.1	22.4	4.1	5.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1008.9	1070.8	1163.9	1318.8	0.0	0.0	1.5	19.4	29.3	4.4
02	32.9	16.2	24.6	5.1	6.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	852.5	908.5	992.5	1132.5	0.0	0.0	2.1	14.4	26.5	2.9
03	43.3	24.0	33.7	5.1	4.7	4.7	6.6	4.7	2.6	0.6	0.0	0.0	668.4	728.5	819.5	972.4	0.0	0.0	9.0	6.1	24.9	0.6
04	56.7	34.6	45.6	3.7	2.7	3.0	28.5	19.8	10.4	2.8	0.4	0.1	309.0	360.3	440.9	583.3	0.0	0.0	21.7	0.4	12.9	0.0
05	68.4	46.3	57.4	3.7	3.3	3.4	151.0	117.5	76.9	31.9	9.2	4.4	78.2	106.8	159.1	269.1	0.0	0.2	29.9	0.0	1.1	0.0
06	77.5	56.1	66.8	2.4	1.9	1.9	358.9	303.2	224.3	113.6	43.6	26.4	5.0	9.3	20.4	59.8	0.0	1.5	30.0	0.0	0.0	0.0
07	81.5	59.8	70.6	3.2	2.6	2.8	485.1	423.1	331.1	188.8	80.5	50.9	0.0	0.0	1.1	13.8	0.1	2.6	31.0	0.0	0.0	0.0
08	79.3	58.1	68.7	2.4	2.6	2.4	425.0	363.6	273.7	141.2	50.7	28.8	0.4	1.0	4.1	26.6	0.0	1.0	31.0	0.0	0.0	0.0
09	72.9	50.3	61.6	3.2	2.7	2.7	223.8	178.6	120.5	51.9	15.9	8.5	25.8	40.8	72.6	154.0	0.0	0.5	29.9	0.0	0.3	0.0
10	60.2	39.7	50.0	2.8	2.4	2.5	53.5	37.2	19.4	5.1	1.3	0.7	210.0	255.7	331.0	471.7	0.0	0.0	25.8	0.0	7.1	0.0
11	46.3	30.0	38.1	5.2	3.3	4.1	3.4	1.6	0.5	0.0	0.0	0.0	508.8	567.1	655.9	805.4	0.0	0.0	11.5	3.6	19.5	0.0
12	35.1	21.8	28.5	4.3	4.7	4.4	0.2	0.0	0.0	0.0	0.0	0.0	823.2	885.0	978.0	1132.9	0.0	0.0	2.8	12.6	27.3	1.3
Summary	57.0	37.7	47.3	3.8	3.6	3.5	1736	1449	1059	536	202	120	4490	4934	5639	6940	0.1	5.8	226.2	56.5	148.9	9.2

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	2.26	15.0	6.2	1.0	0.1	1.51	1.95	3.21
02	1.69	11.7	4.7	0.9	0.1	0.94	1.55	2.06
03	2.27	10.5	5.7	1.3	0.2	1.30	1.87	3.15
04	3.43	13.6	7.4	2.3	0.7	2.61	3.24	4.26
05	4.03	13.5	8.2	2.5	0.6	2.43	3.69	5.27
06	3.82	10.6	6.8	2.4	0.8	2.40	3.44	5.10
07	3.02	9.7	6.0	1.9	0.5	1.98	2.85	3.82
08	3.56	10.5	6.6	2.3	0.6	2.65	3.27	4.67
09	3.20	10.0	5.9	2.3	0.5	1.42	2.82	4.94
10	3.55	13.5	7.5	2.3	0.9	2.44	3.15	4.12
11	2.74	12.5	6.7	1.5	0.2	1.85	2.37	3.57
12	2.20	13.6	5.9	1.0	0.2	1.59	2.06	2.45
Summary	35.77	144.7	77.6	21.7	5.4	23.12	32.26	46.62

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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	14.9	9.2	5.5	1.6	0.5	0.0					10.6	11.8	13.7
02	4.4	5.8	3.0	1.1	0.4	0.0					1.4	3.2	8.2
03	5.8	3.3	2.0	0.9	0.3	0.0					0.2	6.5	10.2
04	1.0	0.6	0.4	0.1	0.0	0.0					0.0	0.0	0.8
05	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
07	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
09	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
10	0.3	0.1	0.0	0.0	0.0	0.0					0.0	0.0	0.0
11	2.1	2.1	1.1	0.3	0.0	0.0					0.0	1.1	3.0
12	9.6	7.9	4.7	1.5	0.5	0.1					5.6	8.1	9.0
Summary	38.1	29.0	16.7	5.5	1.7	0.1	0.0	0.0	0.0	0.0	17.8	30.7	44.9

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Generated on 11/28/2021

<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	5.2	9.1	62.5	216.5	538.6	803.9	950.0	889.6	647.9	321.4	85.2	15.8
45	1.5	2.8	31.7	123.7	389.9	654.0	795.1	734.6	499.1	202.8	38.1	5.7
50	0.3	0.6	14.6	63.1	256.5	504.7	640.1	579.6	354.5	113.4	13.4	1.8
55	0.0	0.0	6.6	28.5	151.0	358.9	485.1	425.0	223.8	53.5	3.4	0.2
60	0.0	0.0	2.6	10.4	76.9	224.3	331.1	273.7	120.5	19.4	0.5	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	2.3	5.5	42.0	135.3	316.0	510.4	629.3	578.8	392.8	180.9	44.7	6.3

<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	5	14	77	293	832	1636	2586	3475	4123	4445	4530	4546
45	2	4	36	160	550	1204	1999	2733	3232	3435	3473	3479
50	0	1	16	79	335	840	1480	2060	2414	2527	2541	2543
55	0	0	7	35	186	545	1030	1455	1679	1732	1736	1736
60	0	0	3	13	90	314	645	919	1040	1059	1059	1059
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	2	8	50	185	501	1012	1641	2220	2612	2793	2838	2844

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

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