

Summary of Monthly Normals
1991-2020
 Generated on 12/03/2021

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	45.9	25.1	35.5	4.0	4.0	3.8	3.9	2.3	0.9	0.2	0.0	0.0	608.3	668.6	760.1	914.4	0.0	0.0	11.4	3.8	24.5	0.3
02	49.3	26.9	38.1	4.6	3.8	4.0	3.6	2.3	1.0	0.0	0.0	0.0	476.8	531.4	614.1	753.1	0.0	0.0	13.2	1.6	21.7	0.2
03	57.0	33.5	45.3	4.4	3.3	3.7	26.7	18.1	9.4	2.3	0.4	0.1	328.8	382.3	466.6	614.4	0.0	0.0	22.2	0.4	15.6	0.0
04	68.5	43.6	56.1	2.9	2.0	2.3	124.9	95.8	61.4	24.0	6.9	3.5	93.4	124.3	180.0	292.6	0.0	0.4	28.8	0.0	2.2	0.0
05	76.1	53.2	64.6	3.6	3.3	3.3	309.3	256.6	185.3	91.6	33.7	19.8	10.2	19.4	41.1	102.4	0.0	2.0	30.9	0.0	0.0	0.0
06	84.3	62.9	73.6	2.2	1.9	1.9	558.2	498.6	409.8	267.5	142.5	101.6	0.2	0.7	1.9	9.6	0.0	8.1	30.0	0.0	0.0	0.0
07	88.5	67.6	78.1	2.3	2.2	2.1	714.5	652.5	559.5	404.5	252.9	195.6	0.0	0.0	0.0	0.1	0.7	14.9	31.0	0.0	0.0	0.0
08	86.6	65.9	76.3	2.7	2.2	2.3	658.7	596.7	503.7	349.2	201.2	147.9	0.0	0.0	0.0	0.6	0.3	11.1	31.0	0.0	0.0	0.0
09	80.3	58.9	69.6	2.9	2.3	2.2	439.5	380.9	295.7	167.7	72.3	45.7	1.5	2.9	7.8	29.9	0.0	3.8	30.0	0.0	0.0	0.0
10	70.0	46.2	58.1	2.5	2.7	2.2	155.2	117.7	72.6	27.8	8.2	4.7	59.1	83.5	131.5	241.7	0.0	0.2	30.6	0.0	1.0	0.0
11	58.9	35.2	47.1	4.3	2.9	3.4	26.7	15.9	6.2	1.1	0.2	0.1	265.2	314.4	394.7	539.5	0.0	0.0	24.2	0.0	13.5	0.0
12	50.0	28.3	39.2	4.3	3.5	3.8	7.1	4.3	1.5	0.2	0.0	0.0	498.4	557.6	647.8	801.4	0.0	0.0	15.5	0.9	22.3	0.0
Summary	67.9	45.6	56.8	3.4	2.8	2.9	3028	2642	2107	1336	718	519	2342	2685	3246	4300	1.0	40.5	298.8	6.7	100.8	0.5

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	2.72	9.2	5.9	1.9	0.7	1.90	2.50	3.20
02	2.50	7.2	4.9	1.4	0.5	1.49	2.19	2.98
03	3.96	9.4	6.3	2.2	0.7	2.85	3.47	4.66
04	3.37	9.7	6.1	2.5	0.7	2.24	3.29	4.08
05	4.19	12.8	8.6	2.9	1.2	2.48	3.30	5.86
06	3.88	10.5	7.5	3.2	0.9	2.86	3.30	4.05
07	4.82	9.8	6.5	2.6	1.0	2.55	4.69	6.67
08	2.99	9.7	6.6	2.5	1.4	1.72	2.93	3.57
09	4.54	8.3	5.8	2.6	1.4	2.08	3.77	6.83
10	3.72	8.9	5.8	2.6	0.9	2.18	3.55	5.01
11	3.52	8.5	5.4	2.3	1.0	1.75	2.65	5.23
12	3.19	9.0	6.3	2.1	0.7	2.03	2.66	4.37
Summary	43.40	113.0	75.7	28.8	11.1	26.13	38.30	56.51

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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	3.7	1.4	0.8	0.4	0.3	0.1					0.0	0.8	3.6
02	5.2	1.1	0.6	0.4	0.3	0.0					0.0	0.0	1.8
03	0.1	0.3	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
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	0.0	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
12	2.3	0.5	0.4	0.2	0.1	0.1					0.0	0.0	0.9
Summary	11.3	3.3	1.8	1.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.8	6.3

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	63.7	78.7	212.8	483.5	764.2	1007.9	1179.4	1123.6	887.9	561.3	238.5	93.8
45	28.3	35.5	121.9	342.0	609.4	857.9	1024.4	968.6	737.9	409.9	136.6	44.1
50	11.2	12.8	62.4	219.9	455.6	707.9	869.4	813.6	588.2	270.2	67.2	18.7
55	3.9	3.6	26.7	124.9	309.3	558.2	714.5	658.7	439.5	155.2	26.7	7.1
60	0.9	1.0	9.4	61.4	185.3	409.8	559.5	503.7	295.7	72.6	6.2	1.5
Growing Degree Units for Corn (Monthly)												
50/86	47.0	61.8	143.5	296.3	475.8	678.5	808.8	771.9	581.2	339.2	153.2	66.9

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	64	142	355	839	1603	2611	3790	4914	5802	6363	6602	6695
45	28	64	186	528	1137	1995	3019	3988	4726	5136	5272	5316
50	11	24	86	306	762	1470	2339	3153	3741	4011	4078	4097
55	4	8	34	159	468	1027	1741	2400	2839	2994	3021	3028
60	1	2	11	73	258	668	1227	1731	2027	2099	2106	2107
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	47	109	252	549	1024	1703	2512	3284	3865	4204	4357	4424

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

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