

Summary of Monthly Normals
1991-2020
 Generated on 06/30/2022

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	21.1	0.4	10.8	4.6	6.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1371.5	1433.6	1526.6	1681.6	0.0	0.0	0.0	25.7	30.9	13.1
02	26.0	1.9	13.9	5.4	6.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1149.3	1205.3	1289.3	1429.3	0.0	0.0	0.6	19.2	27.7	10.5
03	37.6	13.2	25.4	5.2	6.0	5.5	1.3	0.8	0.2	0.0	0.0	0.0	918.9	980.4	1072.8	1227.6	0.0	0.0	5.2	8.6	28.4	4.5
04	50.7	26.7	38.7	5.0	3.6	4.2	6.9	4.0	1.8	0.4	0.1	0.0	495.9	553.0	640.7	789.4	0.0	0.0	17.0	1.8	20.9	0.2
05	64.9	40.3	52.6	3.8	3.0	3.2	78.8	57.3	33.6	11.0	1.8	0.7	153.4	193.7	263.1	395.5	0.0	0.2	28.7	0.0	5.3	0.0
06	73.9	50.3	62.1	2.6	2.1	2.2	232.0	184.0	122.1	48.3	12.9	6.7	19.2	31.1	59.2	135.4	0.0	0.7	29.9	0.0	0.1	0.0
07	78.0	54.5	66.3	3.5	2.6	2.9	350.7	291.7	207.9	95.0	28.9	15.6	2.0	5.0	14.2	56.3	0.1	1.6	31.0	0.0	0.0	0.0
08	75.9	52.6	64.3	2.7	2.4	2.4	292.4	236.2	159.7	64.9	15.9	7.7	5.7	11.5	28.0	88.2	0.0	0.6	31.0	0.0	0.0	0.0
09	68.1	44.6	56.3	3.4	3.1	3.0	125.2	94.7	57.9	19.5	3.9	1.6	84.9	114.3	167.5	279.1	0.0	0.1	29.3	0.0	1.7	0.0
10	53.9	32.8	43.3	4.0	2.8	3.2	15.5	9.7	4.4	0.9	0.1	0.0	376.7	432.8	520.5	672.1	0.0	0.0	20.7	0.3	13.7	0.0
11	38.1	20.7	29.4	6.0	4.8	5.3	0.5	0.2	0.0	0.0	0.0	0.0	768.5	828.2	918.0	1068.0	0.0	0.0	6.0	9.4	25.8	0.8
12	26.0	8.6	17.3	4.6	6.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	1168.6	1230.6	1323.6	1478.6	0.0	0.0	0.4	21.9	30.4	7.1
Summary	51.2	28.9	40.0	4.2	4.1	4.0	1103	879	588	240	64	32	6515	7020	7824	9301	0.1	3.2	199.8	86.9	184.9	36.2

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	1.22	10.5	4.0	0.2	0.0	0.71	1.12	1.47
02	1.16	7.9	3.7	0.4	0.1	0.67	1.10	1.45
03	1.80	8.6	4.8	1.1	0.1	0.90	1.77	2.39
04	2.97	10.8	7.0	2.1	0.4	2.02	2.79	3.92
05	3.77	13.1	8.4	2.5	0.7	2.56	3.55	4.52
06	4.52	12.7	8.2	3.1	1.0	3.48	4.30	5.44
07	4.39	11.3	7.6	2.6	1.1	2.79	4.29	5.30
08	3.50	10.7	7.1	2.5	0.6	2.17	3.41	3.91
09	4.12	11.4	7.6	2.5	0.9	2.63	3.42	5.68
10	3.38	12.8	7.6	1.9	0.7	2.10	3.33	4.25
11	1.95	10.2	4.9	1.1	0.3	1.41	1.93	2.36
12	1.58	10.9	5.0	0.6	0.1	0.91	1.66	1.93
Summary	34.36	130.9	75.9	20.6	6.0	22.35	32.67	42.62

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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	12.00	9.1	5.2	1.4	0.3	0.0	29.7	27.5	25.6	15.5	9.20	11.40	15.00
02	12.30	6.8	4.0	1.4	0.4	0.1	28.0	27.3	25.9	20.0	6.50	9.30	14.30
03	7.50	4.3	3.3	1.2	0.4	0.1	22.7	21.1	19.1	14.9	3.60	6.50	11.80
04	7.40	2.4	1.7	0.9	0.4	0.1	6.4	5.1	3.6	1.7	1.50	5.50	9.80
05	0.10	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	1.10	0.7	0.4	0.2	0.0	0.0	0.6	0.3	0.0	0.0	0.00	0.30	2.00
11	7.00	4.7	2.4	0.7	0.2	0.1	8.9	4.8	2.4	0.5	2.10	4.50	9.90
12	14.80	8.6	5.4	1.5	0.5	0.0	25.4	21.6	15.3	4.8	8.60	16.40	20.00
Summary	62.2	36.7	22.4	7.3	2.2	0.4	121.7	107.7	91.9	57.4	31.5	53.9	82.8

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.0	0.6	19.0	101.2	399.3	662.8	813.5	751.5	491.7	171.5	23.4	1.0
45	0.0	0.2	8.3	48.6	265.8	513.3	658.6	596.6	350.4	90.5	8.2	0.1
50	0.0	0.0	3.5	20.8	156.3	366.7	503.7	442.1	224.8	41.1	2.5	0.0
55	0.0	0.0	1.3	6.9	78.8	232.0	350.7	292.4	125.2	15.5	0.5	0.0
60	0.0	0.0	0.2	1.8	33.6	122.1	207.9	159.7	57.9	4.4	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	1.0	17.8	84.7	249.8	404.5	514.2	466.5	296.6	107.9	17.5	0.8

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0	1	20	121	520	1183	1996	2748	3240	3411	3434	3436
45	0	0	8	57	323	836	1495	2091	2442	2532	2540	2541
50	0	0	4	24	181	547	1051	1493	1718	1759	1761	1761
55	0	0	1	8	87	319	670	962	1087	1103	1103	1103
60	0	0	0	2	36	158	366	525	583	588	588	588
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	19	104	353	758	1272	1738	2035	2143	2160	2161

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

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