

Summary of Monthly Normals
1991-2020
 Generated on 06/18/2021

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	29.5	15.5	22.5	4.6	5.4	4.9	0.2	0.1	0.0	0.0	0.0	0.0	1007.5	1069.4	1162.3	1317.3	0.0	0.0	1.8	19.1	28.5	3.2
02	32.2	16.9	24.5	4.9	4.9	4.7	0.1	0.0	0.0	0.0	0.0	0.0	852.6	908.6	992.5	1132.6	0.0	0.0	1.9	14.4	25.8	1.8
03	40.7	24.0	32.3	5.2	4.1	4.5	3.6	2.4	1.2	0.1	0.0	0.0	705.6	766.5	858.2	1012.2	0.0	0.0	7.3	7.6	24.1	0.3
04	54.2	35.0	44.6	3.4	2.7	2.9	26.2	18.6	10.4	3.0	0.5	0.2	338.2	390.6	472.5	615.1	0.0	0.0	19.7	0.5	11.4	0.0
05	66.2	46.1	56.2	3.6	3.2	3.3	125.2	94.4	58.8	21.8	4.3	1.6	89.7	120.8	178.2	296.2	0.0	0.0	29.5	0.0	1.2	0.0
06	74.0	54.9	64.4	2.0	1.4	1.5	291.1	237.2	164.4	71.5	19.8	9.6	7.7	13.7	31.0	88.1	0.0	0.4	30.0	0.0	0.0	0.0
07	78.4	59.4	68.9	2.9	2.3	2.5	430.8	369.0	277.5	141.7	49.8	27.5	0.0	0.1	1.8	20.9	0.0	1.0	31.0	0.0	0.0	0.0
08	76.7	58.0	67.3	2.7	2.1	2.2	383.1	322.0	233.9	108.8	32.2	16.5	0.4	1.2	6.1	36.0	0.0	0.7	31.0	0.0	0.0	0.0
09	69.5	50.6	60.0	2.7	2.4	2.3	185.8	143.8	91.7	33.7	7.7	3.6	34.4	52.4	90.3	182.2	0.0	0.1	29.9	0.0	0.2	0.0
10	57.1	40.5	48.8	2.9	2.8	2.7	37.9	24.8	11.9	2.2	0.2	0.0	230.1	279.0	359.1	504.4	0.0	0.0	24.0	0.0	5.3	0.0
11	45.1	30.7	37.9	4.4	3.2	3.7	3.6	1.7	0.4	0.0	0.0	0.0	516.6	574.7	663.4	813.0	0.0	0.0	11.0	3.6	18.3	0.0
12	34.3	21.9	28.1	4.5	4.2	4.3	0.2	0.0	0.0	0.0	0.0	0.0	833.9	895.8	988.8	1143.8	0.0	0.0	2.4	13.4	27.0	0.3
Summary	54.8	37.8	46.3	3.6	3.2	3.3	1488	1214	850	383	115	59	4617	5073	5804	7162	0.0	2.2	219.5	58.6	141.8	5.6

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	2.62	16.2	6.1	1.4	0.3	1.95	2.74	3.10
02	2.41	13.9	6.1	1.2	0.3	1.59	2.21	2.74
03	3.05	14.8	7.4	1.8	0.3	1.93	2.95	3.65
04	3.63	14.1	8.4	2.3	0.5	2.55	3.18	4.33
05	3.78	14.2	8.0	2.4	0.6	2.59	3.48	4.99
06	4.69	12.4	8.2	3.3	1.2	3.11	4.35	5.45
07	3.80	12.6	7.7	2.6	0.8	2.32	3.63	5.10
08	4.10	11.1	7.2	2.7	1.2	2.68	3.73	5.34
09	4.01	11.3	6.3	2.3	1.0	2.43	3.05	4.55
10	3.76	13.3	7.2	2.4	0.9	2.85	3.61	4.34
11	3.11	13.9	6.8	1.8	0.5	2.11	3.04	3.75
12	3.08	16.3	7.3	1.8	0.3	2.21	3.00	3.61
Summary	42.04	164.1	86.7	26.0	7.9	28.32	38.97	50.95

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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	20.6	16.5	6.0	1.8	0.7	0.1	22.1	14.1	9.2	4.2	12.2	16.7	26.0
02	19.7	14.0	5.9	1.6	0.7	0.2	21.0	15.2	11.9	5.9	12.8	20.1	23.3
03	16.4	10.5	3.9	1.6	0.9	0.1	14.6	10.9	8.3	3.5	7.0	14.8	20.3
04	3.8	3.6	1.0	0.3	0.2	0.0	2.0	0.6	0.2	0.0	0.8	1.5	5.3
05	0.1	0.2	0.0	0.0	0.0	0.0	0.1	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	1.0	0.9	0.3	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	1.0
11	6.8	5.9	2.4	0.6	0.3	0.1	4.8	2.1	1.5	0.4	1.6	5.2	7.3
12	18.1	12.9	5.5	1.7	0.8	0.2	15.9	8.8	4.4	1.2	10.0	20.1	25.1
Summary	86.5	64.5	25.0	7.7	3.6	0.7	80.8	51.8	35.5	15.2	44.4	78.4	108.3

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8.3	7.5	49.2	196.7	502.1	733.5	895.8	847.8	601.5	291.2	86.7	16.7
45	2.9	1.9	23.1	111.2	354.9	583.5	740.8	692.8	453.3	174.8	39.7	5.4
50	0.8	0.4	9.5	56.3	224.8	434.7	585.8	537.7	310.8	90.1	14.6	1.4
55	0.2	0.1	3.6	26.2	125.2	291.1	430.8	383.1	185.8	37.9	3.6	0.2
60	0.0	0.0	1.2	10.4	58.8	164.4	277.5	233.9	91.7	11.9	0.4	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.8	4.2	28.4	112.1	280.2	446.6	583.1	538.9	344.5	140.0	38.4	5.7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	16	65	262	764	1497	2393	3241	3842	4134	4220	4237
45	3	5	28	139	494	1078	1818	2511	2964	3139	3179	3184
50	1	1	11	67	292	726	1312	1850	2161	2251	2266	2267
55	0	0	4	30	155	446	877	1260	1446	1484	1488	1488
60	0	0	1	12	70	235	512	746	838	850	850	850
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	8	36	148	429	875	1458	1997	2342	2482	2520	2526

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

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