

Summary of Monthly Normals
1991-2020
Generated on 12/06/2021

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	21.9	5.4	13.7	4.9	6.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1281.4	1343.5	1436.6	1591.6	0.0	0.0	0.2	24.4	31.0	12.3
02	26.4	9.1	17.8	6.0	7.4	6.6	0.0	0.0	0.0	0.0	0.0	0.0	1042.8	1098.8	1182.9	1322.9	0.0	0.0	0.6	18.9	27.3	8.4
03	39.2	22.7	31.0	5.7	4.9	5.2	4.0	2.5	1.1	0.2	0.0	0.0	749.6	810.1	901.7	1055.8	0.0	0.0	6.2	8.7	26.1	1.9
04	54.9	35.2	45.0	4.7	3.6	4.0	25.6	17.3	8.8	2.2	0.3	0.1	324.2	375.8	457.4	600.7	0.0	0.0	19.4	1.1	13.2	0.0
05	67.5	47.5	57.5	3.4	2.9	2.9	153.4	118.4	75.9	30.5	8.8	4.9	76.0	102.9	153.4	263.1	0.0	0.5	29.4	0.0	1.5	0.0
06	77.6	58.2	67.9	2.5	2.1	2.1	389.7	332.7	251.5	132.2	50.8	31.1	2.9	6.0	14.6	45.4	0.0	1.5	30.0	0.0	0.0	0.0
07	80.8	61.2	71.0	3.2	2.6	2.8	495.9	434.2	342.5	198.5	85.0	53.8	0.0	0.3	1.6	12.6	0.0	2.3	31.0	0.0	0.0	0.0
08	78.7	58.7	68.7	2.6	2.7	2.4	425.0	363.8	274.3	142.0	51.6	29.8	0.4	1.2	4.6	27.4	0.0	0.8	31.0	0.0	0.0	0.0
09	72.2	50.0	61.1	3.4	3.1	3.0	220.6	177.8	122.0	54.4	17.4	9.4	37.8	55.0	89.1	171.5	0.0	0.5	29.7	0.0	1.1	0.0
10	58.3	37.5	47.9	3.8	2.9	3.1	43.5	30.3	16.4	5.2	1.4	0.7	263.6	312.4	391.6	535.4	0.0	0.0	23.5	0.3	10.9	0.0
11	41.5	24.7	33.1	6.6	4.8	5.6	2.5	1.2	0.2	0.0	0.0	0.0	659.5	718.2	807.2	957.0	0.0	0.0	7.8	7.4	23.9	0.5
12	27.9	13.0	20.5	5.3	5.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1070.9	1132.9	1226.0	1381.0	0.0	0.0	0.7	19.3	30.3	6.7
Summary	53.9	35.3	44.6	4.3	4.1	4.0	1760	1478	1093	565	215	130	5509	5957	6667	7964	0.0	5.6	209.5	80.1	165.3	29.8

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	1.12	5.9	2.9	0.4	0.0	0.60	0.97	1.58
02	1.10	5.3	2.8	0.5	0.2	0.76	0.96	1.31
03	2.03	7.1	4.3	1.4	0.3	1.21	1.88	2.49
04	3.67	10.9	6.9	2.5	1.0	2.38	3.45	5.03
05	4.99	13.0	8.4	3.6	1.3	3.88	4.50	6.67
06	5.07	11.7	8.2	3.6	1.5	3.71	5.16	6.30
07	4.85	10.7	7.4	3.3	1.4	3.02	5.06	5.99
08	4.07	10.3	6.9	2.6	1.2	2.70	4.00	4.96
09	3.60	9.3	5.8	2.3	1.0	1.84	2.93	4.51
10	2.63	9.4	5.1	1.5	0.4	1.21	2.27	3.84
11	1.84	6.1	3.3	1.2	0.4	0.57	1.56	2.65
12	1.25	6.6	3.5	0.8	0.2	0.67	1.17	1.63
Summary	36.22	106.3	65.5	23.7	8.9	22.55	33.91	46.96

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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	11.0	6.4	3.7	1.3	0.6	0.1	24.0	18.1	14.4	6.8	5.6	9.1	14.3
02	10.4	5.5	3.4	1.2	0.5	0.0	25.4	21.5	17.8	10.7	7.6	9.0	11.2
03	7.5	3.5	2.3	0.9	0.3	0.1	15.2	11.2	8.3	2.8	3.5	7.1	10.7
04	2.2	1.2	0.8	0.2	0.1	0.0	1.9	0.7	0.4	0.0	0.0	0.3	2.6
05	0.3	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	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	0.4	0.4	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2
11	2.3	2.5	1.0	0.3	0.1	0.0	3.0	0.8	0.2	0.1	0.0	1.7	3.3
12	9.3	6.0	3.3	1.2	0.5	0.0	18.6	12.4	8.5	3.1	4.5	6.7	12.8
Summary	43.4	25.6	14.7	5.1	2.1	0.2	88.3	64.8	49.7	23.5	21.2	33.9	55.1

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.1	2.6	45.2	210.3	543.9	836.7	960.9	889.5	633.3	281.3	54.0	2.8
45	0.0	0.5	21.7	120.2	395.9	686.8	805.9	734.6	485.9	173.3	24.3	0.6
50	0.0	0.1	9.7	59.7	261.9	537.0	650.9	579.6	345.5	94.0	9.1	0.0
55	0.0	0.0	4.0	25.6	153.4	389.7	495.9	425.0	220.6	43.5	2.5	0.0
60	0.0	0.0	1.1	8.8	75.9	251.5	342.5	274.3	122.0	16.4	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.3	1.3	28.1	122.7	307.9	536.4	642.5	580.7	385.6	164.0	32.3	1.8

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0	3	48	258	802	1639	2600	3489	4122	4404	4458	4461
45	0	0	22	142	538	1225	2031	2766	3252	3425	3449	3450
50	0	0	10	70	331	868	1519	2099	2444	2538	2548	2548
55	0	0	4	30	183	573	1069	1494	1714	1758	1760	1760
60	0	0	1	10	86	337	680	954	1076	1092	1093	1093
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	30	152	460	997	1639	2220	2605	2769	2802	2804

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

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