

Summary of Monthly Normals
1991-2020
Generated on 10/27/2022

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	25.5	11.1	18.3	4.7	6.7	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1137.5	1199.5	1292.5	1447.5	0.0	0.0	0.1	22.0	29.8	8.4
02	29.0	13.2	21.1	5.0	6.4	5.7	0.0	0.0	0.0	0.0	0.0	0.0	949.1	1005.1	1089.1	1229.1	0.0	0.0	0.5	17.1	26.7	5.6
03	40.4	23.9	32.1	5.0	4.8	4.8	4.0	2.9	1.6	0.3	0.0	0.0	712.4	773.3	865.0	1018.7	0.0	0.0	5.7	6.8	25.2	1.3
04	53.8	34.8	44.3	4.1	3.1	3.4	18.0	11.7	5.3	1.1	0.1	0.0	339.0	392.7	476.3	622.1	0.0	0.0	19.3	0.6	12.1	0.0
05	67.1	46.0	56.5	3.5	3.0	3.1	132.1	100.3	64.3	26.1	7.6	4.0	84.1	114.3	171.3	288.1	0.0	0.2	29.9	0.0	1.3	0.0
06	76.6	56.2	66.4	2.7	2.2	2.3	346.7	291.4	213.6	106.9	39.8	24.3	4.8	9.5	21.7	65.0	0.0	1.6	30.0	0.0	0.0	0.0
07	81.0	60.1	70.5	3.0	2.9	2.8	482.1	420.2	328.2	185.8	79.9	50.1	0.1	0.2	1.3	13.9	0.1	2.5	31.0	0.0	0.0	0.0
08	78.9	58.2	68.6	2.4	2.5	2.3	420.0	358.8	269.3	136.7	47.7	27.4	0.1	0.8	4.3	26.7	0.0	1.0	31.0	0.0	0.0	0.0
09	71.7	50.2	61.0	3.2	2.9	2.9	211.5	167.9	112.0	46.9	13.9	7.4	33.1	49.5	83.6	168.5	0.0	0.3	29.9	0.0	0.6	0.0
10	58.0	39.5	48.7	3.2	2.8	2.8	40.1	27.5	14.4	3.7	0.9	0.5	233.8	283.2	363.1	507.4	0.0	0.0	24.8	0.0	7.7	0.0
11	43.5	28.9	36.2	5.4	4.2	4.7	2.6	1.5	0.7	0.1	0.0	0.0	566.6	625.5	714.8	864.1	0.0	0.0	8.5	4.4	20.5	0.1
12	31.1	18.0	24.5	4.7	5.9	5.2	0.0	0.0	0.0	0.0	0.0	0.0	943.8	1005.8	1098.8	1253.8	0.0	0.0	0.9	15.3	28.4	3.7
Summary	54.7	36.7	45.7	3.9	3.9	3.8	1657	1382	1009	508	190	114	5004	5459	6182	7505	0.1	5.6	211.6	66.2	152.3	19.1

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	1.39	10.8	4.3	0.4	0.0	0.68	1.33	1.75
02	1.20	8.9	3.6	0.5	0.0	0.81	1.14	1.45
03	1.96	10.4	5.1	1.3	0.2	1.03	1.97	2.57
04	3.00	11.7	6.6	2.1	0.6	1.88	2.70	3.84
05	3.35	12.4	7.2	2.2	0.5	2.45	3.00	3.75
06	4.10	11.1	7.5	3.1	1.0	3.29	4.14	5.06
07	3.62	10.7	6.6	2.3	1.0	1.92	3.20	4.68
08	3.39	10.2	6.3	2.1	0.8	2.16	3.36	4.21
09	3.20	9.7	5.9	2.1	0.8	2.23	2.84	4.20
10	2.67	10.4	5.8	1.6	0.6	1.59	2.65	3.59
11	1.98	9.6	4.8	1.1	0.3	1.27	1.62	2.68
12	1.75	10.5	4.6	0.8	0.1	1.07	1.69	2.26
Summary	31.61	126.4	68.3	19.6	5.9	20.38	29.64	40.04

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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	14.30	10.3	4.5	1.7	0.6	0.0	24.3	20.1	15.9	4.4	9.00	13.30	17.80
02	12.00	8.4	3.5	1.3	0.5	0.0	23.5	19.6	14.7	5.2	7.00	11.20	16.60
03	8.10	6.3	2.6	0.7	0.3	0.1	13.0	7.8	5.8	2.1	4.80	7.70	9.10
04	4.70	2.9	1.3	0.5	0.1	0.1	2.3	1.1	0.6	0.2	0.50	3.20	6.60
05	0.00	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	0.30	0.4	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	3.10	3.5	0.9	0.1	0.0	0.0	2.5	0.9	0.2	0.1	0.40	1.30	4.00
12	13.10	8.9	3.7	1.5	0.6	0.1	16.7	11.1	7.8	2.3	4.60	11.60	20.50
Summary	55.6	40.8	16.7	5.8	2.1	0.3	82.4	60.6	45.0	14.3	26.3	48.3	74.6

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.4	2.9	41.2	181.1	513.4	791.9	946.9	884.9	628.5	288.0	64.3	5.7
45	0.0	0.8	19.5	94.3	364.4	641.8	791.9	729.9	479.8	172.3	26.7	1.6
50	0.0	0.1	8.8	43.5	233.9	492.1	636.9	574.9	337.4	90.7	9.0	0.3
55	0.0	0.0	4.0	18.0	132.1	346.7	482.1	420.0	211.5	40.1	2.6	0.0
60	0.0	0.0	1.6	5.3	64.3	213.6	328.2	269.3	112.0	14.4	0.7	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	1.3	23.8	104.2	293.1	497.8	627.9	574.4	377.3	149.8	29.4	1.9

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0	3	44	226	739	1531	2478	3363	3991	4279	4344	4349
45	0	1	20	115	479	1121	1913	2643	3122	3295	3321	3323
50	0	0	9	52	286	778	1415	1990	2328	2418	2427	2428
55	0	0	4	22	154	501	983	1403	1614	1654	1657	1657
60	0	0	2	7	71	285	613	882	994	1009	1009	1009
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	25	129	422	920	1548	2122	2500	2650	2679	2681

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

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