

Summary of Monthly Normals
1991-2020
Generated on 11/27/2021

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	38.8	23.8	31.3	4.0	4.4	4.2	0.2	0.0	0.0	0.0	0.0	0.0	734.8	796.7	889.5	1044.5	0.0	0.0	4.5	7.7	25.5	0.6
02	40.8	24.9	32.9	3.9	4.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	620.2	676.2	760.2	900.2	0.0	0.0	4.6	5.1	22.6	0.3
03	47.3	31.6	39.5	3.1	3.4	3.2	2.2	1.2	0.4	0.0	0.0	0.0	484.2	545.2	637.4	792.0	0.0	0.0	11.8	1.5	17.7	0.0
04	56.9	40.9	48.9	2.5	1.9	2.1	22.6	13.4	5.4	1.0	0.2	0.1	205.5	256.3	338.4	484.0	0.0	0.0	24.6	0.0	4.1	0.0
05	66.4	49.9	58.1	2.8	1.9	2.2	131.8	93.8	51.7	14.3	2.7	1.2	34.2	58.1	109.0	226.7	0.0	0.0	30.8	0.0	0.0	0.0
06	75.2	59.3	67.3	1.7	1.3	1.3	368.6	310.5	227.1	110.0	35.1	18.4	1.1	3.0	9.7	42.5	0.0	0.4	30.0	0.0	0.0	0.0
07	80.8	65.9	73.4	2.3	2.1	2.1	568.7	506.7	413.8	260.6	124.0	82.1	0.0	0.0	0.1	1.8	0.0	1.8	31.0	0.0	0.0	0.0
08	79.8	65.1	72.5	1.9	1.9	1.8	540.9	478.9	386.0	233.7	105.5	67.9	0.0	0.0	0.1	2.9	0.0	0.7	31.0	0.0	0.0	0.0
09	73.6	58.0	65.8	1.7	2.0	1.7	328.8	273.3	195.7	91.1	28.5	14.8	4.9	9.4	21.7	67.1	0.0	0.1	30.0	0.0	0.0	0.0
10	63.3	47.1	55.2	2.1	2.5	2.2	93.5	66.0	36.0	9.7	1.4	0.4	87.3	121.8	184.8	313.5	0.0	0.0	29.8	0.0	1.1	0.0
11	53.2	37.9	45.5	2.9	2.6	2.7	13.8	8.0	2.7	0.1	0.0	0.0	297.3	351.5	436.2	583.6	0.0	0.0	19.6	0.2	9.5	0.0
12	44.1	29.5	36.8	3.9	3.5	3.6	1.3	0.5	0.0	0.0	0.0	0.0	565.4	626.6	719.1	874.1	0.0	0.0	9.1	2.7	20.9	0.0
Summary	60.0	44.5	52.3	2.7	2.7	2.6	2072	1752	1319	721	297	185	3035	3445	4106	5333	0.0	3.0	256.8	17.2	101.4	0.9

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	3.91	11.4	7.3	2.7	0.8	3.12	3.57	4.91
02	3.42	9.7	6.9	2.3	0.7	2.50	2.98	4.15
03	4.92	11.5	7.9	3.1	1.2	2.91	4.70	5.60
04	4.40	11.6	7.4	2.7	1.4	2.75	4.49	6.01
05	3.67	11.9	7.4	2.4	0.6	2.95	3.36	4.48
06	3.93	9.5	6.0	2.2	1.1	2.22	3.59	4.78
07	3.42	9.7	5.7	2.5	0.9	2.13	3.19	4.27
08	4.19	9.3	5.7	2.6	1.4	2.47	3.45	5.44
09	4.29	10.2	5.7	3.1	1.3	3.03	4.11	5.43
10	4.42	10.4	6.2	2.8	1.2	2.11	3.57	6.19
11	3.75	10.0	6.2	2.9	1.1	2.69	3.70	4.64
12	4.59	12.4	8.4	3.5	1.2	3.74	4.27	5.53
Summary	48.91	127.6	80.8	32.8	12.9	32.62	44.98	61.43

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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	5.8	3.1	2.5	1.0	0.3	0.1	7.4	3.3	1.9	0.8	2.4	3.3	6.5
02	8.3	2.7	2.2	1.1	0.5	0.1	6.7	3.9	2.9	1.8	2.1	5.4	13.9
03	3.9	1.7	1.2	0.6	0.4	0.1	2.9	1.6	0.7	0.0	0.4	2.5	6.9
04	0.8	0.3	0.3	0.1	0.1	0.0	0.2	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.5	0.2	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0
12	5.2	1.9	1.4	0.7	0.3	0.0	3.7	1.6	0.7	0.1	0.0	3.1	9.5
Summary	24.5	9.9	7.8	3.6	1.6	0.3	21.1	10.5	6.2	2.7	4.9	14.3	36.8

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	24.6	23.3	87.2	274.5	562.7	817.5	1033.7	1005.9	773.9	471.8	200.8	62.8
45	6.8	5.8	33.4	150.4	407.9	667.5	878.7	850.9	624.0	323.2	104.4	24.8
50	1.5	0.5	9.1	66.3	258.4	517.5	723.7	695.9	474.5	191.8	43.6	7.3
55	0.2	0.0	2.2	22.6	131.8	368.6	568.7	540.9	328.8	93.5	13.8	1.3
60	0.0	0.0	0.4	5.4	51.7	227.1	413.8	386.0	195.7	36.0	2.7	0.0
Growing Degree Units for Corn (Monthly)												
50/86	7.8	9.1	35.8	119.0	290.6	517.8	715.8	691.6	483.1	241.7	85.2	22.0

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	25	48	135	410	972	1790	2824	3829	4603	5075	5276	5339
45	7	13	46	196	604	1272	2150	3001	3625	3949	4053	4078
50	2	2	11	77	336	853	1577	2273	2747	2939	2983	2990
55	0	0	2	25	157	525	1094	1635	1964	2057	2071	2072
60	0	0	0	6	58	285	698	1084	1280	1316	1319	1319
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	8	17	53	172	462	980	1696	2388	2871	3112	3197	3219

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

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