

Summary of Monthly Normals
1991-2020
 Generated on 10/22/2021

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	31.3	17.1	24.2	4.4	5.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	954.6	1016.6	1109.6	1264.6	0.0	0.0	1.9	16.8	28.6	2.6
02	34.0	18.2	26.1	4.9	5.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	809.1	865.0	949.0	1089.0	0.0	0.0	2.4	12.9	25.7	1.8
03	44.3	26.2	35.2	4.8	4.0	4.3	7.9	5.9	3.4	0.9	0.1	0.0	620.1	680.1	770.5	923.1	0.0	0.0	9.8	5.1	23.1	0.3
04	57.6	36.4	47.0	3.7	2.6	3.0	29.2	20.0	10.6	2.6	0.2	0.0	269.2	320.0	400.7	542.6	0.0	0.0	22.5	0.3	10.1	0.0
05	69.4	49.0	59.2	3.7	3.7	3.5	187.3	148.7	99.1	42.7	14.1	7.4	57.1	80.6	124.0	222.6	0.0	0.2	30.4	0.0	0.5	0.0
06	78.2	58.6	68.4	2.1	1.8	1.7	404.2	346.0	262.8	141.3	55.3	34.3	2.3	4.1	10.9	39.4	0.0	1.7	30.0	0.0	0.0	0.0
07	82.3	62.9	72.6	3.0	2.1	2.5	545.5	483.5	390.7	241.9	115.9	77.3	0.0	0.0	0.3	6.4	0.0	4.8	31.0	0.0	0.0	0.0
08	80.8	61.7	71.3	2.7	2.3	2.4	503.7	441.7	350.3	205.9	89.4	56.4	0.0	0.1	1.7	12.3	0.0	2.0	31.0	0.0	0.0	0.0
09	73.9	53.7	63.8	3.3	2.3	2.6	279.7	230.4	165.7	79.9	30.0	18.1	15.7	26.5	51.8	116.0	0.0	1.2	30.0	0.0	0.1	0.0
10	60.5	42.3	51.4	2.8	2.4	2.5	62.4	43.5	23.0	5.0	0.9	0.4	174.0	217.1	289.6	426.6	0.0	0.0	26.6	0.0	3.2	0.0
11	47.4	32.1	39.7	4.6	3.0	3.7	5.5	2.9	0.4	0.0	0.0	0.0	462.9	520.3	607.9	757.5	0.0	0.0	10.5	2.7	17.6	0.0
12	36.4	24.3	30.3	4.2	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	764.1	826.1	919.1	1074.1	0.0	0.0	3.0	9.6	26.2	0.3
Summary	58.0	40.2	49.1	3.7	3.2	3.3	2025	1723	1306	720	306	194	4129	4556	5235	6474	0.0	9.9	229.1	47.4	135.1	5.0

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	2.18	12.5	5.3	1.3	0.2	1.22	1.76	3.49
02	1.87	10.0	5.0	1.0	0.1	1.24	1.76	2.44
03	2.19	9.5	4.9	1.1	0.2	1.14	1.92	3.14
04	2.94	11.3	6.7	1.7	0.3	2.06	2.81	3.83
05	3.81	12.6	7.5	2.6	0.7	2.13	3.86	4.71
06	3.29	10.5	6.1	1.9	0.7	2.29	3.05	4.28
07	3.14	9.7	5.9	2.1	0.5	2.11	3.24	4.19
08	3.24	9.8	5.9	2.1	0.8	2.05	3.02	4.40
09	2.92	9.2	5.2	2.0	0.6	1.77	2.92	3.77
10	2.90	12.0	7.0	1.7	0.5	2.00	2.53	3.76
11	3.15	10.3	6.2	1.9	0.5	1.92	2.88	4.28
12	2.25	12.4	5.6	1.1	0.2	1.65	2.27	2.67
Summary	33.88	129.8	71.3	20.5	5.3	21.58	32.02	44.96

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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	12.1	8.8	3.5	1.4	0.7	0.1	21.7	12.4	7.0	0.8	6.5	9.7	17.2
02	9.0	7.2	3.0	1.0	0.2	0.0	17.5	10.3	6.4	0.4	5.7	9.3	10.6
03	4.1	3.7	1.3	0.4	0.0	0.0	7.4	2.3	0.6	0.1	1.5	3.3	5.3
04	0.9	0.9	0.4	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.2	1.5
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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	1.7	1.6	0.5	0.0	0.0	0.0	1.4	0.3	0.2	0.0	0.0	0.6	2.4
12	8.1	6.7	2.6	0.5	0.2	0.0	12.9	5.3	2.2	0.3	3.8	6.0	9.8
Summary	36.0	29.0	11.3	3.3	1.1	0.1	61.5	30.7	16.4	1.6	17.5	29.1	46.8

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6.4	8.6	70.4	243.7	595.3	851.8	1010.3	968.5	713.8	361.2	102.8	15.4
45	1.2	1.9	35.5	140.5	444.0	701.8	855.4	813.5	564.1	231.0	47.3	4.2
50	0.1	0.2	17.0	70.2	303.6	552.3	700.4	658.6	417.1	130.9	18.2	0.6
55	0.0	0.0	7.9	29.2	187.3	404.2	545.5	503.7	279.7	62.4	5.5	0.0
60	0.0	0.0	3.4	10.6	99.1	262.8	390.7	350.3	165.7	23.0	0.4	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.9	4.6	44.4	144.3	349.8	550.9	686.8	651.8	437.7	187.2	47.0	5.4

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	15	85	329	924	1776	2786	3755	4469	4830	4933	4948
45	1	3	39	179	623	1325	2180	2994	3558	3789	3836	3840
50	0	0	17	88	391	943	1644	2302	2720	2850	2869	2869
55	0	0	8	37	224	629	1174	1678	1958	2020	2025	2025
60	0	0	3	14	113	376	767	1117	1283	1306	1306	1306
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	6	51	195	545	1096	1783	2434	2872	3059	3106	3112

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

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