

Summary of Monthly Normals 1991-2020

Generated on 09/20/2021

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	64.3	45.4	54.9	3.8	4.2	3.8	102.3	74.1	41.7	11.4	1.3	0.4	106.8	140.5	201.2	325.9	0.0	0.0	29.3	0.0	2.5	0.0
02	66.6	48.6	57.6	3.2	3.9	3.2	128.3	96.8	58.3	17.6	2.8	1.0	55.5	80.0	125.5	224.8	0.0	0.0	27.1	0.0	1.2	0.0
03	72.2	54.1	63.2	3.0	4.1	3.3	272.2	221.3	152.0	63.9	15.2	6.1	19.6	30.7	54.4	121.3	0.0	0.0	30.8	0.0	0.2	0.0
04	77.4	59.8	68.6	1.9	2.9	2.3	409.0	351.0	266.4	140.1	50.5	28.4	1.0	2.9	8.4	32.1	0.0	0.5	30.0	0.0	0.0	0.0
05	83.9	67.7	75.8	2.0	1.8	1.8	644.8	582.9	490.3	337.2	191.1	138.5	0.0	0.2	0.6	2.4	0.0	4.4	31.0	0.0	0.0	0.0
06	88.3	73.1	80.7	2.6	0.9	1.6	771.0	711.0	621.0	471.0	321.2	261.5	0.0	0.0	0.0	0.0	0.1	8.4	30.0	0.0	0.0	0.0
07	90.7	74.9	82.8	1.5	0.7	0.9	861.7	799.7	706.7	551.7	396.8	334.8	0.0	0.0	0.0	0.0	0.2	15.8	31.0	0.0	0.0	0.0
08	89.5	74.9	82.2	1.8	0.6	1.1	843.2	781.2	688.2	533.2	378.2	316.2	0.0	0.0	0.0	0.0	0.1	11.9	31.0	0.0	0.0	0.0
09	86.0	73.2	79.6	1.6	1.2	1.3	737.9	677.9	587.9	437.9	288.8	230.1	0.0	0.0	0.0	0.0	0.0	3.7	30.0	0.0	0.0	0.0
10	80.1	65.3	72.7	2.1	2.4	2.0	549.2	487.9	397.0	251.4	125.1	84.0	0.6	1.3	3.3	12.8	0.0	0.4	31.0	0.0	0.0	0.0
11	72.4	56.1	64.3	2.7	4.0	3.2	290.3	238.8	167.7	75.7	22.6	11.5	12.7	21.3	40.1	98.2	0.0	0.0	30.0	0.0	0.0	0.0
12	66.3	49.4	57.8	3.9	4.4	4.0	157.5	121.6	76.8	26.9	4.5	1.5	69.1	95.2	143.4	248.5	0.0	0.0	29.7	0.0	1.0	0.0
Summary	78.1	61.9	70.0	2.5	2.6	2.4	5767	5144	4254	2918	1798	1414	265	372	577	1066	0.4	45.1	360.9	0.0	4.9	0.0

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	3.20	9.3	5.5	2.6	1.2	1.52	2.78	4.16
02	3.13	8.5	5.5	2.0	1.1	1.50	2.37	3.87
03	3.27	8.4	6.0	2.4	1.1	2.11	2.51	4.30
04	3.03	6.8	4.7	2.1	1.2	1.60	2.69	4.14
05	2.68	6.7	4.3	2.0	0.9	1.40	1.94	3.58
06	6.12	12.6	9.4	4.4	2.1	4.28	5.31	7.97
07	4.96	12.6	9.3	4.0	2.0	3.20	4.10	5.71
08	6.39	12.9	9.7	4.1	2.1	4.30	5.56	7.78
09	7.19	12.7	9.1	5.2	2.5	4.55	6.22	9.16
10	4.97	7.6	5.2	2.6	1.3	1.95	3.07	5.72
11	1.87	7.1	3.7	1.3	0.5	0.71	1.62	2.90
12	3.12	8.9	4.8	2.0	1.0	0.76	2.10	4.47
Summary	49.93	114.1	77.2	34.7	17.0	27.88	40.27	63.76

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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	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
02	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
03	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
04	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
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	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
Summary	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

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	464.3	493.8	717.8	858.0	1109.8	1221.0	1326.8	1308.2	1188.0	1013.7	727.5	554.9
45	321.1	357.4	563.7	708.0	954.8	1071.0	1171.8	1153.2	1038.0	858.7	577.6	406.0
50	195.9	230.6	412.5	558.1	799.8	921.0	1016.7	998.2	887.9	703.8	430.0	269.9
55	102.3	128.3	272.2	409.0	644.8	771.0	861.7	843.2	737.9	549.2	290.3	157.5
60	41.7	58.3	152.0	266.4	490.3	621.0	706.7	688.2	587.9	397.0	167.7	76.8
Growing Degree Units for Corn (Monthly)												
50/86	254.6	271.4	433.8	559.3	778.1	873.6	941.7	938.6	863.8	700.1	446.7	311.0

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	464	958	1676	2534	3644	4865	6192	7500	8688	9701	10429	10984
45	321	678	1242	1950	2905	3976	5148	6301	7339	8198	8775	9181
50	196	426	839	1397	2197	3118	4135	5133	6021	6724	7154	7424
55	102	231	503	912	1557	2328	3189	4032	4770	5320	5610	5767
60	42	100	252	518	1009	1630	2336	3025	3613	4010	4177	4254
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	255	526	960	1519	2297	3171	4112	5051	5915	6615	7062	7373

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

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