

Summary of Monthly Normals 1991-2020

Generated on 12/07/2021

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	55.3	30.8	43.0	4.4	2.2	3.1	1.4	0.5	0.2	0.0	0.0	0.0	372.0	433.0	525.7	680.5	0.0	0.0	22.0	0.1	20.8	0.0
02	54.5	30.4	42.5	5.0	2.9	3.7	2.4	0.9	0.1	0.0	0.0	0.0	353.8	408.2	491.4	631.4	0.0	0.0	18.9	0.2	18.3	0.0
03	59.2	32.0	45.6	4.7	2.1	3.0	5.4	2.3	0.5	0.0	0.0	0.0	296.8	355.7	446.9	601.4	0.0	0.0	24.9	0.1	16.4	0.0
04	63.9	35.2	49.6	3.6	2.5	2.9	25.9	14.0	4.3	0.3	0.0	0.0	189.3	237.5	317.7	463.8	0.0	0.0	27.2	0.0	11.1	0.0
05	71.0	40.9	55.9	4.2	2.8	3.4	114.3	81.3	45.1	12.6	2.0	0.6	84.9	113.8	170.6	293.2	0.0	0.3	30.0	0.0	3.5	0.0
06	80.3	47.8	64.1	3.2	2.7	2.9	283.7	231.5	159.7	65.4	14.9	6.9	12.3	20.0	38.2	93.9	0.0	2.1	29.9	0.0	0.5	0.0
07	85.3	55.2	70.2	2.4	3.1	2.6	473.0	411.4	319.8	176.8	68.8	39.4	0.3	0.7	2.1	14.1	0.1	6.9	31.0	0.0	0.0	0.0
08	85.8	55.4	70.6	1.8	2.1	1.7	483.8	422.1	329.9	182.6	66.0	35.7	0.2	0.5	1.4	9.0	0.0	6.3	31.0	0.0	0.0	0.0
09	80.8	50.1	65.4	2.6	2.1	2.2	320.9	265.7	187.7	79.5	16.9	6.9	7.4	12.2	24.2	66.0	0.1	2.0	30.0	0.0	0.4	0.0
10	71.6	42.0	56.8	3.7	1.9	2.7	122.8	86.2	43.4	7.4	0.6	0.2	67.1	92.4	142.6	261.6	0.0	0.1	30.2	0.0	3.1	0.0
11	61.8	34.8	48.3	3.7	3.2	3.3	22.9	12.5	4.1	0.3	0.0	0.0	223.9	273.5	355.1	501.3	0.0	0.0	26.2	0.0	12.3	0.0
12	54.2	30.3	42.2	2.9	2.1	2.2	1.1	0.3	0.0	0.0	0.0	0.0	396.2	457.4	550.1	705.2	0.0	0.0	21.4	0.1	21.0	0.0
Summary	68.6	40.4	54.5	3.5	2.5	2.8	1858	1529	1095	525	169	90	2004	2405	3066	4321	0.2	17.7	322.7	0.5	107.4	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	4.74	6.9	5.8	3.1	1.6	1.16	3.09	6.38
02	5.35	7.9	6.6	3.9	1.7	2.37	5.14	7.19
03	3.31	6.0	4.6	2.2	0.9	1.01	2.51	4.32
04	1.67	4.3	3.1	1.3	0.4	0.63	1.41	2.44
05	0.65	2.3	1.3	0.3	0.1	0.03	0.31	0.82
06	0.13	0.4	0.3	0.1	0.0	0.00	0.00	0.01
07	0.47	2.0	1.1	0.4	0.1	0.03	0.13	0.26
08	0.60	2.4	1.2	0.4	0.1	0.00	0.31	1.09
09	0.79	2.1	1.4	0.7	0.2	0.08	0.47	1.24
10	1.17	2.6	1.7	0.8	0.3	0.00	0.39	1.76
11	1.92	4.0	2.8	1.4	0.6	0.23	1.51	2.93
12	3.65	6.3	4.9	2.4	1.0	1.73	3.31	5.35
Summary	24.45	47.2	34.8	17.0	7.0	7.27	18.58	33.79

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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	6.3	2.2	1.7	0.9	0.4	0.1					0.5	4.0	11.3
02	9.8	3.1	2.7	1.5	0.6	0.2					2.1	11.0	15.0
03	4.1	1.4	1.1	0.8	0.4	0.0					0.0	4.0	8.0
04	3.5	1.5	1.1	0.5	0.2	0.0					0.0	1.8	6.0
05	0.5	0.1	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
07	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
09	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
10	0.0	0.1	0.0	0.0	0.0	0.0					0.0	0.0	0.0
11	2.3	0.8	0.8	0.3	0.1	0.0					0.0	0.0	3.9
12	4.2	2.0	1.4	0.6	0.3	0.1					0.0	2.8	7.8
Summary	30.7	11.2	8.9	4.7	2.1	0.4	0.0	0.0	0.0	0.0	2.6	23.6	52.0

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	140.9	123.2	204.5	299.6	496.6	721.6	937.5	948.4	763.4	521.5	265.2	126.9
45	57.5	54.2	100.0	174.7	350.4	572.0	782.6	793.5	613.5	372.6	151.3	49.7
50	13.9	16.4	32.0	81.3	220.5	424.5	627.7	638.5	465.0	236.7	69.3	11.7
55	1.4	2.4	5.4	25.9	114.3	283.7	473.0	483.8	320.9	122.8	22.9	1.1
60	0.2	0.1	0.5	4.3	45.1	159.7	319.8	329.9	187.7	43.4	4.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	111.3	96.2	162.0	218.9	328.8	469.8	609.4	620.1	492.8	340.7	187.1	99.3

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	141	264	469	768	1265	1986	2924	3872	4636	5157	5422	5549
45	58	112	212	386	737	1309	2091	2885	3498	3871	4022	4072
50	14	30	62	144	364	789	1416	2055	2520	2756	2826	2838
55	1	4	9	35	149	433	906	1390	1711	1834	1856	1858
60	0	0	1	5	50	210	530	860	1047	1091	1095	1095
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	111	208	370	588	917	1387	1996	2616	3109	3450	3637	3736

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

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