

Summary of Monthly Normals
1991-2020
Generated on 09/25/2021

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	37.7	21.2	29.5	4.2	4.6	4.3	0.3	0.1	0.0	0.0	0.0	0.0	792.1	853.9	946.8	1101.9	0.0	0.0	4.7	8.8	27.2	1.0
02	40.5	22.9	31.7	4.3	4.8	4.5	0.1	0.0	0.0	0.0	0.0	0.0	652.4	708.3	792.3	932.4	0.0	0.0	5.5	5.1	24.0	0.7
03	47.8	29.4	38.6	3.7	3.6	3.5	3.7	2.6	1.3	0.2	0.0	0.0	512.0	572.9	664.6	818.5	0.0	0.0	13.8	1.3	21.8	0.0
04	59.3	39.1	49.2	2.9	1.9	2.2	32.6	21.7	10.8	2.7	0.5	0.2	206.7	255.8	334.9	476.7	0.0	0.1	25.8	0.0	6.8	0.0
05	69.9	48.9	59.4	3.1	2.3	2.4	169.1	128.0	78.6	29.1	7.1	3.5	32.7	53.7	97.2	202.7	0.0	1.0	30.7	0.0	0.2	0.0
06	78.4	58.5	68.4	2.0	1.5	1.5	404.9	346.6	261.5	137.8	53.5	32.3	1.4	3.1	8.0	34.4	0.0	2.3	30.0	0.0	0.0	0.0
07	84.1	64.8	74.4	2.3	2.5	2.3	602.8	540.8	447.8	294.5	154.7	109.6	0.0	0.0	0.0	1.7	0.2	6.3	31.0	0.0	0.0	0.0
08	82.6	62.7	72.6	2.0	2.2	2.0	547.1	485.1	392.3	241.5	115.0	76.7	0.0	0.0	0.3	4.4	0.1	4.3	31.0	0.0	0.0	0.0
09	75.5	54.9	65.2	2.2	2.4	2.1	312.7	258.6	184.8	87.4	30.1	17.1	6.8	12.7	28.9	81.5	0.0	0.5	30.0	0.0	0.1	0.0
10	63.9	43.6	53.8	2.3	2.9	2.4	79.2	55.3	30.0	8.8	1.6	0.6	118.0	156.0	223.8	357.5	0.0	0.0	29.6	0.0	4.1	0.0
11	53.0	34.3	43.6	3.1	2.5	2.6	10.6	5.9	1.8	0.2	0.0	0.0	351.0	406.4	492.3	640.6	0.0	0.0	19.7	0.2	15.2	0.0
12	43.2	27.0	35.1	4.0	3.5	3.7	0.9	0.3	0.1	0.0	0.0	0.0	617.8	679.2	771.9	926.9	0.0	0.0	8.6	3.9	24.5	0.1
Summary	61.3	42.3	51.8	3.0	2.9	2.8	2164	1845	1409	802	362	240	3291	3702	4361	5579	0.3	14.5	260.4	19.3	123.9	1.8

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	3.89	10.8	7.0	3.0	1.0	2.70	3.90	4.62
02	3.75	9.6	6.2	2.4	0.9	2.58	3.28	4.16
03	5.09	10.4	7.2	2.9	1.3	2.98	4.16	6.62
04	4.71	10.8	7.2	2.8	1.1	2.99	4.33	6.14
05	3.64	11.3	7.2	2.1	0.7	2.69	3.76	4.25
06	4.27	10.1	6.2	2.8	1.3	2.05	3.28	5.36
07	3.63	9.4	5.6	2.0	1.0	2.23	3.23	4.03
08	4.41	8.7	5.9	3.0	1.2	2.49	3.95	5.78
09	4.79	8.6	5.8	2.6	1.4	2.26	3.89	6.56
10	4.86	10.3	6.1	3.1	1.5	2.65	4.24	6.76
11	4.17	9.3	6.0	2.9	1.4	2.96	4.09	5.23
12	4.97	10.9	7.2	3.4	1.5	3.55	4.71	6.33
Summary	52.18	120.2	77.6	33.0	14.3	32.13	46.82	65.84

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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	9.0	3.5	2.1	1.0	0.4	0.1	9.9	5.3	3.5	1.7	2.3	3.9	14.7
02	7.1	3.0	2.2	1.3	0.6	0.2	9.8	6.6	4.3	2.5	2.2	3.7	7.8
03	5.0	2.0	1.3	0.5	0.4	0.0	4.3	1.9	1.0	0.0	0.0	1.4	9.0
04	0.8	0.2	0.2	0.1	0.0	0.0	0.3	0.1	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	0.3	0.2	0.2	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
12	5.6	2.4	1.5	0.8	0.4	0.0	5.5	2.6	1.8	0.4	0.0	1.5	8.6
Summary	27.8	11.3	7.5	3.7	1.8	0.3	30.2	16.5	10.6	4.6	4.5	10.5	40.1

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	19.9	20.9	80.5	286.7	601.4	853.5	1067.8	1012.1	755.9	428.6	160.3	49.4
45	5.1	5.3	31.5	165.8	446.8	703.5	912.8	857.0	605.9	286.3	79.1	19.2
50	1.1	1.0	11.5	80.3	297.1	553.6	757.8	702.1	456.8	166.1	32.7	5.7
55	0.3	0.1	3.7	32.6	169.1	404.9	602.8	547.1	312.7	79.2	10.6	0.9
60	0.0	0.0	1.3	10.8	78.6	261.5	447.8	392.3	184.8	30.0	1.8	0.1
Growing Degree Units for Corn (Monthly)												
50/86	10.0	12.5	46.9	157.2	338.9	550.4	735.5	688.7	477.0	241.9	85.6	24.0

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	20	41	121	408	1009	1863	2931	3943	4699	5127	5288	5337
45	5	10	42	208	654	1358	2271	3128	3734	4020	4099	4118
50	1	2	14	94	391	945	1702	2404	2861	3027	3060	3066
55	0	0	4	37	206	611	1214	1761	2073	2152	2163	2164
60	0	0	1	12	91	352	800	1192	1377	1407	1409	1409
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	10	22	69	227	566	1116	1851	2540	3017	3259	3345	3369

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

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