

Summary of Monthly Normals
1991-2020
 Generated on 10/20/2021

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	62.6	34.0	48.3	4.1	3.5	2.8	8.4	2.9	0.3	0.0	0.0	0.0	216.1	272.6	363.0	517.7	0.0	0.0	29.1	0.0	15.6	0.0
02	63.7	35.6	49.6	4.6	3.1	3.0	18.4	9.4	2.0	0.0	0.0	0.0	168.2	215.2	291.8	429.8	0.0	0.0	27.2	0.0	11.1	0.0
03	67.5	37.7	52.6	4.7	2.3	3.1	47.5	28.0	10.2	0.6	0.0	0.0	122.0	164.4	239.6	385.1	0.0	0.1	30.4	0.0	7.6	0.0
04	72.3	39.4	55.8	3.8	1.9	2.5	93.9	65.5	33.3	6.7	0.7	0.1	68.4	99.9	157.7	281.1	0.0	1.3	29.8	0.0	4.4	0.0
05	80.0	43.1	61.5	4.9	2.7	3.4	221.1	172.9	110.8	43.7	13.1	7.5	18.1	31.8	62.7	150.6	0.6	5.6	31.0	0.0	0.9	0.0
06	88.8	46.6	67.7	3.6	1.9	2.4	382.7	325.0	242.2	126.4	49.8	31.3	1.8	4.0	11.2	45.4	3.9	15.5	30.0	0.0	0.2	0.0
07	95.9	50.4	73.2	3.2	2.1	2.4	562.6	500.6	407.9	257.2	127.7	88.9	0.0	0.0	0.3	4.6	10.2	25.8	31.0	0.0	0.0	0.0
08	95.8	50.3	73.0	2.2	1.8	1.7	559.6	497.7	405.1	253.8	123.3	84.4	0.0	0.1	0.6	4.3	9.1	25.8	31.0	0.0	0.1	0.0
09	91.7	48.1	69.9	2.7	1.6	1.5	448.1	389.3	303.5	173.0	75.4	49.2	1.1	2.3	6.6	26.1	5.6	19.1	30.0	0.0	0.1	0.0
10	82.5	42.7	62.6	4.3	2.0	2.7	250.8	199.9	133.6	54.5	16.9	9.6	15.2	26.3	53.0	128.9	1.1	8.4	31.0	0.0	1.5	0.0
11	70.4	36.7	53.5	4.1	2.6	3.0	63.0	41.7	20.3	3.6	0.2	0.0	106.4	145.2	213.8	347.0	0.0	0.7	29.8	0.0	8.2	0.0
12	62.0	33.4	47.7	3.5	3.4	1.9	5.7	2.0	0.2	0.0	0.0	0.0	231.9	290.2	381.4	536.2	0.0	0.0	29.8	0.0	17.3	0.0
Summary	77.8	41.5	59.6	3.8	2.4	2.5	2662	2235	1669	920	407	271	949	1252	1782	2857	30.5	102.3	360.1	0.0	67.0	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	3.46	12.2	6.7	2.7	0.9	1.24	2.12	5.13
02	3.45	11.2	6.7	2.5	0.9	1.11	2.85	5.31
03	2.80	10.1	5.7	1.8	0.5	1.38	2.23	3.79
04	0.96	5.7	2.8	0.5	0.0	0.23	0.91	1.50
05	0.57	3.3	1.4	0.3	0.1	0.05	0.20	0.76
06	0.13	0.7	0.3	0.1	0.0	0.00	0.02	0.13
07	0.04	0.3	0.1	0.0	0.0	0.00	0.00	0.00
08	0.02	0.3	0.1	0.0	0.0	0.00	0.00	0.01
09	0.06	0.6	0.2	0.0	0.0	0.00	0.00	0.04
10	0.73	2.9	1.6	0.5	0.2	0.00	0.24	0.89
11	1.27	7.2	3.5	1.0	0.2	0.50	1.15	1.70
12	3.08	12.0	6.2	2.1	0.8	0.95	2.51	4.90
Summary	16.57	66.5	35.3	11.5	3.6	5.46	12.23	24.16

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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	0.1	0.1	0.1	0.0	0.0	0.0	0.1	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Summary	0.1	0.1	0.1	0.0	0.0	0.0	0.2	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	263.0	273.3	392.5	475.6	668.0	831.0	1027.6	1024.6	897.0	700.6	407.1	244.8
45	134.9	151.5	248.3	328.4	513.2	681.0	872.5	869.5	746.9	545.8	264.6	120.0
50	47.8	64.6	128.8	195.0	361.1	531.2	717.6	714.6	597.0	393.5	144.7	38.3
55	8.4	18.4	47.5	93.9	221.1	382.7	562.6	559.6	448.1	250.8	63.0	5.7
60	0.3	2.0	10.2	33.3	110.8	242.2	407.9	405.1	303.5	133.6	20.3	0.2
Growing Degree Units for Corn (Monthly)												
50/86	198.6	193.3	272.7	331.4	442.7	517.5	595.0	591.2	541.2	468.9	303.7	188.3

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	263	536	929	1404	2072	2903	3931	4956	5853	6553	6960	7205
45	135	286	535	863	1376	2057	2930	3799	4546	5092	5357	5477
50	48	112	241	436	797	1328	2046	2761	3358	3751	3896	3934
55	8	27	74	168	389	772	1335	1894	2342	2593	2656	2662
60	0	2	12	46	157	399	807	1212	1515	1649	1669	1669
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	199	392	665	996	1439	1956	2551	3142	3684	4152	4456	4644

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

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