

Summary of Monthly Normals
1991-2020
 Generated on 08/02/2021

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	31.2	17.0	24.1	4.4	5.7	5.0	0.1	0.1	0.0	0.0	0.0	0.0	957.8	1019.6	1112.6	1267.7	0.0	0.0	2.2	16.8	27.6	3.2
02	34.9	19.3	27.1	5.4	5.3	5.3	0.3	0.1	0.0	0.0	0.0	0.0	781.3	837.1	921.1	1061.1	0.0	0.0	3.3	11.7	24.7	1.5
03	46.2	27.2	36.7	5.0	4.6	4.7	11.1	7.9	4.5	1.5	0.3	0.0	578.4	637.2	726.8	878.8	0.0	0.0	11.9	3.5	21.1	0.1
04	59.0	37.1	48.1	3.5	2.9	3.1	44.1	31.2	17.4	5.5	0.9	0.3	252.6	299.7	375.9	514.0	0.0	0.0	23.8	0.1	8.9	0.0
05	70.1	48.1	59.1	3.9	3.4	3.6	188.1	150.1	102.7	48.0	16.1	8.8	61.0	85.1	130.7	231.0	0.0	0.7	30.5	0.0	0.6	0.0
06	79.4	58.1	68.8	2.6	2.2	2.2	415.1	357.8	275.2	156.2	68.8	45.4	2.7	5.5	12.9	43.8	0.0	3.5	30.0	0.0	0.0	0.0
07	82.7	62.1	72.4	3.2	2.8	2.9	539.3	477.3	384.8	236.3	113.2	76.5	0.0	0.0	0.5	6.9	0.2	5.2	31.0	0.0	0.0	0.0
08	80.8	60.5	70.7	2.4	2.6	2.4	485.1	423.3	331.7	188.6	79.5	49.8	0.0	0.3	1.7	13.5	0.0	2.6	31.0	0.0	0.0	0.0
09	74.4	53.0	63.7	3.3	2.6	2.8	276.6	227.0	161.3	76.9	28.1	17.0	15.7	26.2	50.4	116.0	0.0	1.5	30.0	0.0	0.0	0.0
10	61.8	42.1	52.0	2.5	2.4	2.3	73.8	53.1	30.4	8.9	2.0	1.0	168.4	209.7	280.0	413.5	0.0	0.0	27.5	0.0	2.9	0.0
11	47.7	31.8	39.8	5.2	3.4	4.2	8.1	4.8	1.7	0.1	0.0	0.0	465.6	522.3	609.2	757.6	0.0	0.0	13.5	2.4	15.4	0.0
12	36.3	23.0	29.6	4.8	5.0	4.8	0.7	0.3	0.1	0.0	0.0	0.0	786.4	848.0	940.8	1095.8	0.0	0.0	4.0	10.2	25.2	0.9
Summary	58.7	39.9	49.3	3.8	3.6	3.6	2042	1733	1310	722	309	199	4070	4491	5163	6400	0.2	13.5	238.7	44.7	126.4	5.7

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	2.66	16.8	7.0	1.2	0.3	1.65	2.47	3.29
02	2.31	12.5	5.8	1.1	0.4	1.59	1.99	2.75
03	2.35	12.4	6.0	1.3	0.2	1.68	2.15	2.83
04	3.49	13.4	7.4	2.4	0.6	2.41	3.49	4.41
05	4.20	13.4	8.0	3.1	0.9	2.49	4.17	5.73
06	4.04	11.0	7.4	2.7	0.9	2.15	3.70	5.06
07	3.78	9.5	6.5	2.6	0.8	2.49	3.21	4.93
08	4.01	10.0	6.5	2.8	0.9	2.12	3.43	5.21
09	3.49	9.6	5.9	2.2	0.8	1.77	3.01	3.73
10	3.72	11.5	7.1	2.4	0.9	2.19	3.38	4.56
11	2.78	12.6	6.4	1.6	0.5	2.06	2.70	3.39
12	2.40	14.8	6.0	1.2	0.3	1.82	2.24	2.73
Summary	39.23	147.5	80.0	24.6	7.5	24.42	35.94	48.62

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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	21.6	13.1	6.6	2.3	0.9	0.1	19.6	11.8	7.2	1.9	11.9	22.1	27.6
02	16.1	9.7	5.2	1.5	0.7	0.1	13.8	8.5	5.3	1.7	8.0	14.6	25.4
03	6.8	5.1	2.0	0.7	0.2	0.0	4.9	2.4	1.1	0.2	1.5	3.8	10.6
04	1.0	1.5	0.3	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.6	1.1
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.2	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
11	5.1	3.4	1.7	0.4	0.3	0.0	2.8	1.1	0.4	0.0	0.2	3.6	7.6
12	13.7	9.0	4.5	1.5	0.5	0.0	10.4	5.2	2.5	0.3	6.6	11.6	19.4
Summary	64.5	42.2	20.3	6.5	2.6	0.2	51.9	29.0	16.5	4.1	28.2	56.3	91.7

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8.5	15.4	93.2	274.6	592.6	862.3	1004.3	950.0	710.9	377.5	113.7	22.0
45	2.4	5.5	50.5	168.7	441.8	712.4	849.3	795.1	561.3	246.1	56.7	8.4
50	0.4	1.5	24.6	92.3	302.9	562.6	694.4	640.1	414.2	144.5	24.6	2.7
55	0.1	0.3	11.1	44.1	188.1	415.1	539.3	485.1	276.6	73.8	8.1	0.7
60	0.0	0.0	4.5	17.4	102.7	275.2	384.8	331.7	161.3	30.4	1.7	0.1
Growing Degree Units for Corn (Monthly)												
50/86	3.7	9.0	58.8	165.4	354.7	560.3	677.8	632.5	436.9	207.2	55.4	9.1

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	24	117	392	984	1847	2851	3801	4512	4889	5003	5025
45	2	8	58	227	669	1381	2231	3026	3587	3833	3890	3898
50	0	2	26	119	422	984	1679	2319	2733	2877	2902	2905
55	0	0	12	56	244	659	1198	1683	1960	2034	2042	2042
60	0	0	4	22	125	400	785	1116	1278	1308	1310	1310
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	13	72	237	592	1152	1830	2462	2899	3106	3162	3171

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

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