

Summary of Monthly Normals
1991-2020
Generated on 09/24/2021

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	45.0	18.5	31.7	3.7	2.9	3.1	0.1	0.0	0.0	0.0	0.0	0.0	720.9	782.8	875.8	1030.8	0.0	0.0	11.7	5.4	29.7	1.4
02	46.5	20.2	33.4	4.5	2.9	3.5	0.7	0.3	0.1	0.0	0.0	0.0	606.6	662.3	746.0	886.1	0.0	0.0	11.7	4.6	26.5	1.1
03	54.9	27.3	41.1	3.6	2.8	3.0	5.0	2.3	0.6	0.0	0.0	0.0	436.0	495.3	586.6	741.0	0.0	0.0	21.2	1.9	23.7	0.1
04	61.0	34.0	47.5	3.8	2.4	3.0	25.1	14.0	4.8	0.8	0.0	0.0	250.0	298.8	379.6	525.7	0.0	0.0	24.1	0.5	13.5	0.0
05	70.7	43.5	57.1	3.9	2.1	2.9	140.1	103.9	59.8	16.9	2.7	0.7	75.0	100.7	149.7	261.8	0.0	0.4	29.6	0.0	2.3	0.0
06	81.6	52.8	67.2	4.0	2.4	3.1	369.4	312.6	231.9	118.8	41.8	23.2	3.5	6.8	16.1	52.9	0.2	5.6	30.0	0.0	0.0	0.0
07	86.5	58.2	72.4	2.9	1.9	2.3	537.7	475.9	383.7	234.2	104.0	64.8	0.1	0.3	1.0	6.4	0.0	11.0	31.0	0.0	0.0	0.0
08	83.6	56.6	70.1	3.0	1.6	2.2	468.4	407.1	316.1	172.4	61.0	32.8	0.4	1.1	3.1	14.3	0.0	5.0	31.0	0.0	0.0	0.0
09	77.1	48.9	63.0	3.6	2.5	2.8	264.2	214.5	147.1	61.7	14.1	5.7	24.4	34.6	57.3	121.8	0.0	1.3	29.5	0.0	0.7	0.0
10	64.7	36.6	50.7	3.8	2.9	3.1	56.8	37.8	17.5	2.7	0.2	0.0	191.5	234.5	307.3	447.5	0.0	0.0	27.4	0.7	9.6	0.0
11	52.9	26.0	39.5	5.0	3.1	3.9	4.4	2.2	0.6	0.1	0.0	0.0	470.9	528.6	617.1	766.6	0.0	0.0	17.9	2.5	24.0	0.3
12	44.6	18.7	31.7	2.9	2.3	2.4	0.1	0.0	0.0	0.0	0.0	0.0	723.6	785.6	878.6	1033.7	0.0	0.0	11.4	5.7	29.8	1.2
Summary	64.1	36.8	50.5	3.7	2.5	2.9	1872	1571	1162	608	224	127	3503	3931	4618	5889	0.2	23.3	276.5	21.3	159.8	4.1

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	0.29	3.6	1.1	0.0	0.0	0.10	0.18	0.50
02	0.32	4.6	1.0	0.1	0.0	0.12	0.23	0.38
03	0.79	6.7	2.4	0.2	0.1	0.42	0.63	0.99
04	1.45	8.2	3.5	0.6	0.1	0.86	1.04	1.71
05	1.99	10.3	4.9	0.9	0.3	0.82	1.37	2.47
06	2.27	9.8	4.4	1.1	0.5	0.85	1.39	3.03
07	3.12	12.1	6.4	1.8	0.7	1.79	3.09	4.47
08	2.96	12.4	6.4	1.6	0.4	1.85	2.67	3.82
09	1.35	6.6	2.8	0.6	0.2	0.50	0.65	1.54
10	0.77	4.8	2.2	0.2	0.0	0.23	0.65	0.97
11	0.37	4.5	1.0	0.1	0.0	0.10	0.24	0.45
12	0.23	3.7	0.7	0.0	0.0	0.10	0.16	0.32
Summary	15.91	87.3	36.8	7.2	2.3	7.74	12.30	20.65

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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	4.9	3.9	1.8	0.5	0.1	0.0	4.4	1.4	0.4	0.0	1.6	3.1	7.5
02	4.6	4.4	1.5	0.2	0.1	0.0	4.4	1.7	0.6	0.1	1.0	3.4	6.5
03	5.7	4.9	1.9	0.5	0.1	0.0	3.0	0.9	0.3	0.1	2.7	4.8	7.6
04	5.5	3.6	1.7	0.6	0.2	0.0	1.8	0.6	0.2	0.0	1.5	3.9	8.4
05	0.6	0.6	0.2	0.0	0.0	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.4
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	0.2	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
10	2.5	1.7	0.9	0.3	0.1	0.0	0.9	0.4	0.2	0.0	0.0	0.5	3.0
11	4.4	3.7	1.3	0.3	0.2	0.0	3.3	0.9	0.3	0.0	0.7	2.7	6.1
12	4.1	4.0	1.6	0.4	0.0	0.0	4.5	1.4	0.3	0.0	2.1	3.9	5.3
Summary	32.5	27.1	11.0	2.8	0.8	0.0	22.6	7.4	2.4	0.2	9.6	22.3	44.8

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	27.9	38.9	135.8	259.8	532.1	815.9	1002.7	933.0	690.6	356.6	116.3	28.7
45	6.9	12.8	63.5	152.1	384.7	666.0	847.6	778.0	542.8	229.8	54.9	7.4
50	0.7	3.1	23.4	73.3	250.9	516.3	692.6	623.0	399.4	127.2	19.3	1.1
55	0.1	0.7	5.0	25.1	140.1	369.4	537.7	468.4	264.2	56.8	4.4	0.1
60	0.0	0.1	0.6	4.8	59.8	231.9	383.7	316.1	147.1	17.5	0.6	0.0
Growing Degree Units for Corn (Monthly)												
50/86	41.1	49.3	122.9	187.4	328.2	506.7	645.4	599.5	431.7	245.4	107.0	41.2

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	28	67	203	462	994	1810	2813	3746	4437	4793	4910	4938
45	7	20	83	235	620	1286	2134	2912	3454	3684	3739	3746
50	1	4	27	100	351	868	1560	2183	2583	2710	2729	2730
55	0	1	6	31	171	540	1078	1546	1811	1868	1872	1872
60	0	0	1	6	65	297	681	997	1144	1162	1162	1162
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	41	90	213	401	729	1236	1881	2480	2912	3158	3265	3306

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

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