

Summary of Monthly Normals
1991-2020
 Generated on 06/30/2022

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	72.4	51.6	62.0	3.0	3.6	3.2	245.1	196.8	133.5	54.6	12.2	4.8	27.9	41.7	71.4	147.4	0.0	0.0	30.9	0.0	0.5	0.0
02	75.0	54.2	64.6	3.5	3.5	3.4	279.6	230.8	164.2	75.0	21.1	9.4	10.8	18.0	35.4	86.2	0.0	0.0	28.0	0.0	0.2	0.0
03	77.9	57.5	67.7	3.3	3.4	3.2	397.1	338.3	253.7	130.2	41.5	19.9	3.4	6.6	14.9	46.5	0.0	0.2	31.0	0.0	0.0	0.0
04	82.5	62.5	72.5	2.3	2.3	2.2	525.1	465.4	376.2	231.6	105.5	65.7	0.1	0.3	1.1	6.6	0.0	1.9	30.0	0.0	0.0	0.0
05	87.3	67.8	77.5	1.7	1.8	1.7	699.0	637.0	544.0	389.1	235.3	176.1	0.0	0.0	0.0	0.1	0.0	11.6	31.0	0.0	0.0	0.0
06	89.9	72.9	81.4	1.7	1.3	1.3	792.0	732.0	642.0	492.0	342.0	282.1	0.0	0.0	0.0	0.0	0.1	21.1	30.0	0.0	0.0	0.0
07	91.5	74.3	82.9	1.0	1.0	0.9	864.9	802.9	709.9	554.9	399.9	337.9	0.0	0.0	0.0	0.0	0.0	26.4	31.0	0.0	0.0	0.0
08	91.5	74.7	83.1	1.0	1.2	0.9	871.1	809.1	716.1	561.1	406.1	344.1	0.0	0.0	0.0	0.0	0.0	27.6	31.0	0.0	0.0	0.0
09	90.0	73.2	81.6	1.3	1.0	0.9	797.9	737.9	647.9	497.9	348.0	288.1	0.0	0.0	0.0	0.0	0.0	22.0	30.0	0.0	0.0	0.0
10	85.8	67.5	76.6	1.8	2.5	2.0	671.2	609.4	516.8	364.5	218.4	164.0	0.1	0.3	0.8	3.4	0.0	8.7	31.0	0.0	0.0	0.0
11	80.0	59.7	69.9	2.3	3.3	2.7	446.2	387.6	302.2	172.6	69.0	40.9	0.7	2.0	6.6	27.1	0.0	0.6	30.0	0.0	0.0	0.0
12	75.0	54.8	64.9	3.7	4.3	3.9	321.2	268.0	195.9	97.4	29.6	13.4	14.3	23.1	43.9	100.5	0.0	0.0	31.0	0.0	0.1	0.0
Summary	83.2	64.2	73.7	2.2	2.4	2.2	6910	6215	5202	3621	2229	1746	57	92	174	418	0.1	120.1	364.9	0.0	0.8	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	2.68	7.5	4.3	1.5	0.9	1.13	2.58	3.81
02	2.00	5.4	3.2	1.5	0.6	0.88	1.48	3.11
03	2.97	5.9	3.9	1.8	0.8	0.89	2.17	4.60
04	2.47	5.3	3.4	1.8	0.7	1.35	2.09	3.22
05	3.25	6.5	4.1	2.2	1.0	0.68	2.63	4.31
06	7.81	12.2	9.4	4.4	2.4	3.92	5.61	9.76
07	7.39	14.9	10.3	5.0	2.1	4.72	6.75	10.15
08	8.34	16.0	11.4	5.5	2.5	5.78	8.29	10.45
09	7.16	14.4	9.6	4.4	2.0	4.97	7.00	9.17
10	3.35	8.1	4.7	2.1	1.2	1.05	2.86	4.39
11	1.54	4.7	2.7	0.9	0.4	0.35	1.04	1.80
12	2.31	6.4	3.3	1.2	0.6	0.90	1.42	2.66
Summary	51.27	107.3	70.3	32.3	15.2	26.62	43.92	67.43

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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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
03	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
04	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	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

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	682.1	688.8	858.7	975.0	1164.0	1242.0	1329.9	1336.1	1248.0	1136.1	895.5	772.0
45	528.7	549.1	703.7	825.0	1009.0	1092.0	1174.9	1181.1	1098.0	981.1	745.5	617.6
50	380.7	410.9	549.1	675.0	854.0	942.0	1019.9	1026.1	948.0	826.1	595.5	465.4
55	245.1	279.6	397.1	525.1	699.0	792.0	864.9	871.1	797.9	671.2	446.2	321.2
60	133.5	164.2	253.7	376.2	544.0	642.0	709.9	716.1	647.9	516.8	302.2	195.9
Growing Degree Units for Corn (Monthly)												
50/86	419.0	433.4	559.5	667.3	818.1	879.4	933.4	939.4	882.2	800.9	599.2	493.6

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	682	1371	2230	3205	4369	5611	6940	8277	9525	10661	11556	12328
45	529	1078	1782	2606	3616	4708	5882	7064	8162	9143	9888	10506
50	381	792	1341	2016	2870	3812	4832	5858	6806	7632	8227	8693
55	245	525	922	1447	2146	2938	3803	4674	5472	6143	6589	6910
60	134	298	551	928	1472	2114	2824	3540	4188	4704	5006	5202
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	419	852	1412	2079	2897	3777	4710	5649	6532	7333	7932	8425

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

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