

Summary of Monthly Normals 1991-2020

Generated on 06/18/2021

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	62.5	41.8	52.2	4.0	2.9	3.2	75.5	54.1	30.5	9.6	1.9	0.7	163.7	204.3	273.7	407.8	0.0	0.0	26.7	0.2	4.7	0.0
02	66.5	45.8	56.1	4.6	3.5	3.7	124.4	96.0	62.0	24.0	6.8	3.2	92.2	119.8	169.8	271.8	0.0	0.3	25.6	0.2	2.3	0.0
03	73.3	52.2	62.8	3.5	3.7	3.4	271.6	222.4	156.5	73.2	24.8	13.1	31.3	44.2	71.3	143.0	0.0	0.5	30.2	0.0	0.7	0.0
04	80.3	58.9	69.6	3.1	2.8	2.8	440.8	382.8	298.8	171.7	77.1	49.6	2.8	4.8	10.8	33.7	0.0	2.5	30.0	0.0	0.0	0.0
05	86.9	66.8	76.8	3.0	2.0	2.3	677.4	615.5	522.7	369.9	224.7	172.2	0.0	0.1	0.4	2.6	0.3	11.1	31.0	0.0	0.0	0.0
06	93.2	72.9	83.0	3.4	1.5	2.3	841.4	781.4	691.4	541.4	391.6	331.8	0.0	0.0	0.0	0.0	3.1	23.8	30.0	0.0	0.0	0.0
07	96.6	75.0	85.8	3.3	1.3	2.2	954.8	892.8	799.8	644.8	489.8	427.8	0.0	0.0	0.0	0.0	9.5	29.0	31.0	0.0	0.0	0.0
08	97.8	75.1	86.5	3.2	1.5	2.3	974.8	912.8	819.8	664.8	509.8	447.9	0.0	0.0	0.0	0.0	13.3	29.2	31.0	0.0	0.0	0.0
09	91.4	70.1	80.8	3.4	2.2	2.5	772.5	712.5	622.6	473.7	327.3	270.6	0.0	0.0	0.1	1.3	2.6	20.0	30.0	0.0	0.0	0.0
10	82.5	60.8	71.6	2.6	2.1	1.8	519.8	460.0	373.0	238.3	126.1	90.9	3.8	5.9	11.9	32.2	0.0	6.4	30.9	0.0	0.0	0.0
11	71.5	50.5	61.0	4.0	3.3	3.5	228.7	186.5	131.1	62.3	21.7	12.5	48.6	66.4	101.1	182.2	0.0	0.1	29.1	0.0	0.8	0.0
12	63.9	43.4	53.6	3.3	2.6	2.5	96.1	72.6	44.8	16.1	3.9	1.7	137.8	176.3	241.5	367.8	0.0	0.0	28.0	0.1	3.4	0.0
Summary	80.5	59.4	70.0	3.4	2.5	2.7	5978	5389	4553	3290	2206	1822	480	622	881	1442	28.8	122.9	353.5	0.5	11.9	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	2.64	7.6	4.1	1.5	0.7	0.89	2.54	3.40
02	1.89	7.7	3.6	1.4	0.3	0.60	1.59	3.03
03	2.88	8.9	4.7	1.9	0.8	1.26	2.68	4.07
04	2.42	7.1	3.9	1.7	0.7	0.79	2.19	3.05
05	5.04	8.9	5.5	2.9	1.8	2.93	4.28	7.09
06	3.68	7.4	5.2	2.3	1.3	1.67	3.13	4.86
07	1.96	4.9	3.0	1.1	0.5	0.35	0.93	2.87
08	2.74	4.8	3.1	1.4	0.8	0.44	1.71	2.83
09	3.45	7.1	4.3	2.2	1.0	1.61	2.17	5.70
10	3.91	7.0	4.5	2.3	1.3	1.39	2.30	5.88
11	2.92	6.9	3.8	1.8	0.9	0.77	2.32	3.66
12	2.72	7.5	4.0	1.6	0.9	0.74	2.26	4.26
Summary	36.25	85.8	49.7	22.1	11.0	13.44	28.10	50.70

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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	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	0.2	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Summary	0.2	0.6	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	390.3	459.4	706.2	888.0	1142.3	1291.5	1419.8	1439.9	1222.5	981.1	630.9	430.6
45	259.0	330.2	554.6	738.2	987.3	1141.4	1264.8	1284.8	1072.5	826.3	485.3	291.9
50	151.1	215.0	407.9	588.7	832.3	991.4	1109.8	1129.8	922.5	672.4	349.8	176.5
55	75.5	124.4	271.6	440.8	677.4	841.4	954.8	974.8	772.5	519.8	228.7	96.1
60	30.5	62.0	156.5	298.8	522.7	691.4	799.8	819.8	622.6	373.0	131.1	44.8
Growing Degree Units for Corn (Monthly)												
50/86	225.6	269.2	438.0	587.8	786.3	879.8	944.2	945.0	827.3	653.7	389.3	249.3

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	390	850	1556	2444	3586	4878	6298	7737	8960	9941	10572	11002
45	259	589	1144	1882	2869	4011	5276	6560	7633	8459	8944	9236
50	151	366	774	1363	2195	3186	4296	5426	6348	7021	7371	7547
55	76	200	472	912	1590	2431	3386	4361	5133	5653	5882	5978
60	30	92	249	548	1070	1762	2562	3382	4004	4377	4508	4553
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	226	495	933	1521	2307	3187	4131	5076	5903	6557	6946	7196

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

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