

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	75.7	59.1	67.4	2.0	3.4	2.6	390.1	331.8	248.4	128.5	43.7	22.0	5.6	9.4	18.9	53.9	0.0	0.0	31.0	0.0	0.0	0.0
02	77.7	61.9	69.8	2.4	3.8	3.0	416.1	362.0	282.8	161.2	65.7	37.6	1.7	3.6	8.4	26.9	0.0	0.1	28.0	0.0	0.0	0.0
03	79.8	64.5	72.1	2.6	3.0	2.7	531.8	470.5	379.1	233.6	107.4	67.9	0.2	0.8	2.4	11.9	0.0	0.8	31.0	0.0	0.0	0.0
04	83.2	68.5	75.9	2.5	2.5	2.3	625.5	565.5	475.6	326.5	182.8	129.9	0.0	0.0	0.1	1.0	0.0	2.5	30.0	0.0	0.0	0.0
05	86.1	72.2	79.1	1.4	2.5	1.5	748.6	686.6	593.6	438.7	284.1	222.8	0.0	0.0	0.0	0.0	0.0	7.2	31.0	0.0	0.0	0.0
06	88.4	75.5	82.0	1.8	1.4	1.4	808.5	748.5	658.5	508.5	358.5	298.6	0.0	0.0	0.0	0.0	0.0	14.2	30.0	0.0	0.0	0.0
07	89.9	76.7	83.3	0.9	0.8	0.7	877.3	815.3	722.3	567.3	412.3	350.3	0.0	0.0	0.0	0.0	0.2	22.3	31.0	0.0	0.0	0.0
08	90.1	76.9	83.5	0.8	1.3	0.9	883.5	821.5	728.5	573.4	418.4	356.4	0.0	0.0	0.0	0.0	0.0	23.9	31.0	0.0	0.0	0.0
09	88.5	75.8	82.1	0.9	1.5	1.0	814.5	754.5	664.5	514.5	364.5	304.5	0.0	0.0	0.0	0.0	0.0	14.6	30.0	0.0	0.0	0.0
10	85.6	72.8	79.2	1.1	2.2	1.6	750.2	688.2	595.3	440.8	287.9	227.8	0.0	0.0	0.1	0.7	0.0	5.0	31.0	0.0	0.0	0.0
11	80.9	66.8	73.9	1.7	3.0	2.2	565.6	505.7	416.3	271.6	138.2	91.6	0.1	0.2	0.7	6.0	0.0	0.2	30.0	0.0	0.0	0.0
12	77.6	62.9	70.2	2.3	4.2	3.2	475.5	415.6	328.5	194.5	84.5	50.9	2.7	4.9	10.8	31.8	0.0	0.1	31.0	0.0	0.0	0.0
Summary	83.6	69.5	76.5	1.7	2.5	1.9	7887	7166	6093	4359	2748	2160	10	19	41	132	0.2	90.9	365.0	0.0	0.0	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	2.03	7.5	4.0	1.4	0.5	0.54	1.66	2.96
02	2.29	6.5	3.6	1.5	0.6	0.92	2.32	2.97
03	2.81	6.5	4.0	1.7	0.8	1.43	2.66	4.24
04	3.81	7.2	4.5	2.3	1.3	2.04	3.44	5.17
05	6.08	10.4	7.9	3.6	1.8	3.60	4.84	7.91
06	11.45	17.6	13.3	7.0	3.7	6.26	11.77	13.57
07	7.92	17.6	12.8	5.7	2.5	6.07	7.35	9.62
08	9.98	18.5	13.5	6.5	3.3	7.97	9.78	11.98
09	11.53	18.7	14.0	6.4	3.4	8.04	9.60	13.87
10	8.23	14.2	9.8	4.4	2.3	4.39	6.69	10.81
11	4.00	8.5	5.0	1.9	1.3	1.60	2.69	5.26
12	2.80	7.9	4.4	1.5	0.8	0.78	1.52	4.34
Summary	72.93	141.1	96.8	43.9	22.3	43.64	64.32	92.70

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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	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	849.5	834.4	996.7	1075.5	1213.6	1258.5	1342.3	1348.5	1264.5	1215.2	1015.5	937.7
45	694.7	694.4	841.7	925.5	1058.6	1108.5	1187.3	1193.5	1114.5	1060.2	865.5	782.7
50	540.5	554.5	686.7	775.5	903.6	958.5	1032.3	1038.5	964.5	905.2	715.5	628.1
55	390.1	416.1	531.8	625.5	748.6	808.5	877.3	883.5	814.5	750.2	565.6	475.5
60	248.4	282.8	379.1	475.6	593.6	658.5	722.3	728.5	664.5	595.3	416.3	328.5
Growing Degree Units for Corn (Monthly)												
50/86	551.0	558.5	685.5	765.6	881.2	916.7	970.3	973.4	923.2	888.5	713.9	635.2

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	850	1684	2681	3756	4970	6228	7571	8919	10184	11399	12414	13352
45	695	1389	2231	3156	4215	5323	6511	7704	8819	9879	10744	11527
50	540	1095	1782	2557	3461	4419	5452	6490	7455	8360	9075	9703
55	390	806	1338	1964	2712	3521	4398	5281	6096	6846	7412	7887
60	248	531	910	1386	1980	2638	3360	4089	4753	5349	5765	6093
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	551	1110	1795	2561	3442	4358	5329	6302	7225	8114	8828	9463

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

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