

Summary of Monthly Normals 1991-2020

Generated on 10/22/2021

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	82.3	65.0	73.6	0.9	1.5	1.0	578.2	516.2	423.2	268.2	114.2	56.9	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
02	82.8	64.7	73.7	1.2	1.6	1.3	525.0	469.0	385.0	245.0	106.1	54.8	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0
03	83.6	65.4	74.5	1.2	1.7	1.3	604.5	542.5	449.5	294.5	140.5	82.1	0.0	0.0	0.0	0.0	0.0	1.1	31.0	0.0	0.0	0.0
04	85.1	67.6	76.4	1.0	1.3	0.9	640.5	580.5	490.5	340.5	190.7	131.6	0.0	0.0	0.0	0.0	0.0	3.1	30.0	0.0	0.0	0.0
05	86.1	70.6	78.4	1.2	1.2	1.0	723.9	661.9	568.9	413.9	258.9	197.0	0.0	0.0	0.0	0.0	0.0	7.9	31.0	0.0	0.0	0.0
06	87.5	72.2	79.9	1.1	0.8	0.9	745.5	685.5	595.5	445.5	295.5	235.5	0.0	0.0	0.0	0.0	0.0	13.4	30.0	0.0	0.0	0.0
07	88.1	72.2	80.1	0.9	0.8	0.8	779.7	717.7	624.7	469.7	314.7	252.7	0.0	0.0	0.0	0.0	0.0	18.9	31.0	0.0	0.0	0.0
08	88.5	72.3	80.4	0.7	1.0	0.7	787.4	725.4	632.4	477.4	322.4	260.4	0.0	0.0	0.0	0.0	0.0	21.7	31.0	0.0	0.0	0.0
09	88.5	72.0	80.3	1.0	1.0	0.9	757.5	697.5	607.5	457.5	307.5	247.5	0.0	0.0	0.0	0.0	0.0	19.9	30.0	0.0	0.0	0.0
10	87.3	71.1	79.2	0.9	1.1	0.9	750.2	688.2	595.2	440.2	285.2	223.2	0.0	0.0	0.0	0.0	0.0	15.0	31.0	0.0	0.0	0.0
11	85.0	69.2	77.1	1.1	0.9	0.8	663.0	603.0	513.0	363.0	213.1	153.5	0.0	0.0	0.0	0.0	0.0	3.0	30.0	0.0	0.0	0.0
12	83.0	66.4	74.7	1.3	2.0	1.4	610.7	548.7	455.7	301.2	147.4	88.2	0.0	0.0	0.0	0.5	0.0	0.0	31.0	0.0	0.0	0.0
Summary	85.6	69.1	77.4	1.0	1.2	1.0	8166	7436	6341	4517	2696	1983	0	0	0	0	0.0	104.0	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	3.27	16.0	8.0	1.3	0.4	2.14	3.17	4.17
02	2.48	14.0	6.6	1.0	0.3	1.54	2.05	2.95
03	2.86	11.8	6.3	1.5	0.5	1.44	2.24	3.77
04	4.78	12.8	7.2	2.6	1.0	2.10	3.07	7.37
05	6.39	17.0	10.4	4.0	1.7	3.59	5.19	9.17
06	5.24	15.3	10.0	3.3	1.2	3.08	4.37	7.19
07	7.04	16.4	11.0	4.3	1.9	4.50	6.23	9.52
08	7.22	16.5	9.9	3.8	1.8	4.77	6.12	7.48
09	8.73	16.4	10.5	4.6	1.9	5.03	7.14	9.81
10	7.60	16.6	11.2	4.4	2.0	4.59	6.41	9.58
11	7.69	18.8	12.1	4.5	2.0	4.97	6.39	9.70
12	4.17	17.5	9.6	2.0	0.7	2.44	4.14	5.40
Summary	67.47	189.1	112.8	37.3	15.4	40.19	56.52	86.11

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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	1043.2	945.0	1069.5	1090.5	1188.9	1195.5	1244.7	1252.4	1207.5	1215.2	1113.0	1075.7
45	888.2	805.0	914.5	940.5	1033.9	1045.5	1089.7	1097.4	1057.5	1060.2	963.0	920.7
50	733.2	665.0	759.5	790.5	878.9	895.5	934.7	942.4	907.5	905.2	813.0	765.7
55	578.2	525.0	604.5	640.5	723.9	745.5	779.7	787.4	757.5	750.2	663.0	610.7
60	423.2	385.0	449.5	490.5	568.9	595.5	624.7	632.4	607.5	595.2	513.0	455.7
Growing Degree Units for Corn (Monthly)												
50/86	733.2	664.7	756.9	782.4	863.2	867.9	897.5	900.1	866.0	877.1	805.4	766.0

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	1043	1988	3058	4148	5337	6533	7777	9030	10237	11452	12565	13641
45	888	1693	2608	3548	4582	5628	6717	7815	8872	9932	10895	11816
50	733	1398	2158	2948	3827	4723	5657	6600	7507	8412	9225	9991
55	578	1103	1708	2348	3072	3818	4597	5385	6142	6892	7555	8166
60	423	808	1258	1748	2317	2913	3537	4170	4777	5372	5885	6341
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	733	1398	2155	2937	3800	4668	5566	6466	7332	8209	9014	9780

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

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