

Summary of Monthly Normals 1991-2020

Generated on 09/19/2021

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	56.0	35.2	45.6	4.0	3.5	3.6	30.1	20.1	10.0	1.9	0.1	0.0	321.3	373.4	456.2	603.2	0.0	0.0	21.9	0.7	14.1	0.0
02	59.3	37.5	48.4	4.4	3.7	3.9	40.8	29.0	16.3	5.4	1.2	0.3	225.6	269.7	341.1	470.2	0.0	0.0	22.6	0.2	9.8	0.0
03	65.8	43.1	54.5	3.4	3.3	3.2	106.5	79.4	48.0	15.5	2.5	0.8	123.5	158.4	220.0	342.5	0.0	0.0	29.2	0.0	4.8	0.0
04	74.0	51.8	62.9	2.2	2.5	2.2	259.3	211.5	148.5	67.9	19.9	10.0	22.3	34.5	61.5	130.9	0.0	0.2	30.0	0.0	0.5	0.0
05	80.4	60.5	70.4	2.4	2.9	2.5	479.3	418.0	328.3	193.0	88.2	57.0	0.3	1.1	4.4	24.0	0.0	2.5	31.0	0.0	0.0	0.0
06	86.5	68.5	77.5	2.3	1.9	2.0	674.9	615.0	525.0	376.0	231.9	178.1	0.0	0.0	0.1	1.1	0.0	9.5	30.0	0.0	0.0	0.0
07	89.3	72.5	80.9	2.1	1.6	1.7	802.8	740.8	647.8	492.8	337.9	275.9	0.0	0.0	0.0	0.0	0.4	16.2	31.0	0.0	0.0	0.0
08	87.8	71.4	79.6	1.6	1.7	1.5	762.5	700.6	607.6	452.6	297.9	236.4	0.0	0.0	0.0	0.0	0.1	11.3	31.0	0.0	0.0	0.0
09	83.3	66.5	74.9	2.0	2.5	2.1	596.9	537.0	447.5	301.3	166.8	120.3	0.0	0.1	0.6	4.4	0.0	3.6	30.0	0.0	0.0	0.0
10	75.0	54.8	64.9	2.1	3.3	2.5	319.2	264.8	190.8	93.2	33.1	19.4	12.3	19.9	38.9	96.3	0.0	0.3	31.0	0.0	0.2	0.0
11	66.2	44.0	55.1	3.3	3.4	3.2	108.8	81.3	49.1	16.9	2.9	1.0	105.7	138.2	196.1	313.8	0.0	0.0	29.0	0.0	4.1	0.0
12	59.0	38.4	48.7	4.6	4.5	4.4	49.4	35.0	19.3	5.8	1.1	0.4	244.6	292.2	369.6	511.0	0.0	0.0	25.1	0.0	9.3	0.0
Summary	73.5	53.7	63.6	2.9	2.9	2.7	4230	3733	3038	2022	1184	900	1056	1288	1688	2497	0.5	43.6	341.8	0.9	42.8	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	3.96	10.4	6.7	2.7	1.1	2.56	3.64	5.03
02	3.50	9.8	6.5	2.5	0.9	2.09	3.02	4.75
03	3.79	10.3	6.7	2.8	0.8	2.47	3.33	4.62
04	3.35	8.3	5.2	1.9	0.9	2.12	3.14	4.49
05	4.20	10.4	6.3	2.6	1.2	2.16	3.73	5.20
06	5.24	11.8	7.8	3.4	1.4	3.14	4.16	7.20
07	6.18	13.0	9.2	3.9	2.0	4.50	5.68	6.86
08	7.48	13.7	9.4	4.8	2.3	5.27	7.62	9.46
09	7.45	10.8	6.7	3.4	1.9	3.96	6.33	8.24
10	4.13	9.5	5.4	2.4	1.2	2.31	2.99	5.83
11	3.55	9.3	5.0	2.1	1.0	1.74	2.66	4.27
12	3.68	10.4	6.4	2.5	0.9	2.62	3.62	4.76
Summary	56.51	127.7	81.3	35.0	15.6	34.94	49.92	70.71

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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	0.4	0.2	0.2	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
02	0.2	0.3	0.2	0.0	0.0	0.0	0.2	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	0.6	0.5	0.4	0.0	0.0	0.0	0.3	0.1	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	230.7	258.0	452.8	687.1	944.0	1124.9	1267.8	1227.5	1046.9	771.9	455.7	294.2
45	135.6	157.3	314.0	538.0	789.0	974.9	1112.8	1072.5	896.9	617.2	317.5	180.2
50	69.9	85.8	197.2	392.9	634.0	824.9	957.8	917.5	746.9	464.7	198.9	100.4
55	30.1	40.8	106.5	259.3	479.3	674.9	802.8	762.5	596.9	319.2	108.8	49.4
60	10.0	16.3	48.0	148.5	328.3	525.0	647.8	607.6	447.5	190.8	49.1	19.3
Growing Degree Units for Corn (Monthly)												
50/86	135.0	154.4	270.7	428.8	628.1	788.6	898.6	875.7	733.5	489.1	273.2	169.8

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	231	489	942	1629	2573	3698	4965	6193	7240	8012	8467	8762
45	136	293	607	1145	1934	2909	4022	5094	5991	6608	6926	7106
50	70	156	353	746	1380	2205	3162	4080	4827	5292	5490	5591
55	30	71	177	437	916	1591	2394	3156	3753	4072	4181	4230
60	10	26	74	223	551	1076	1724	2332	2779	2970	3019	3038
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	135	289	560	989	1617	2406	3304	4180	4913	5402	5676	5846

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

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