

Summary of Monthly Normals 1991-2020

Generated on 09/24/2021

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	35.9	19.9	27.9	4.8	5.1	4.8	0.6	0.3	0.1	0.0	0.0	0.0	840.4	902.1	994.9	1149.7	0.0	0.0	4.3	12.2	26.5	2.7
02	41.1	23.7	32.4	5.8	5.7	5.6	2.7	1.4	0.5	0.1	0.0	0.0	635.3	690.1	773.2	912.7	0.0	0.0	6.9	7.1	22.5	1.1
03	53.1	33.2	43.2	5.0	4.4	4.6	29.6	21.0	11.7	3.4	0.6	0.1	396.9	450.4	534.1	680.7	0.0	0.0	18.1	1.4	15.8	0.2
04	65.6	43.3	54.4	3.6	3.1	3.3	108.7	82.6	51.6	19.0	4.8	2.4	125.2	159.1	218.1	335.5	0.0	0.0	27.4	0.0	4.1	0.0
05	75.7	54.4	65.1	3.4	3.3	3.2	325.9	274.3	204.3	112.1	48.6	31.0	14.4	24.8	47.8	110.6	0.0	1.2	31.0	0.0	0.2	0.0
06	84.0	63.3	73.7	2.3	2.4	2.1	559.5	499.8	411.3	269.9	146.1	105.6	0.1	0.4	1.9	10.6	0.1	6.7	30.0	0.0	0.0	0.0
07	86.8	66.2	76.5	3.0	2.5	2.6	666.4	604.4	511.4	357.0	210.7	158.9	0.0	0.0	0.0	0.6	0.4	9.4	31.0	0.0	0.0	0.0
08	85.4	64.3	74.9	2.5	3.0	2.5	615.2	553.3	460.5	307.8	169.0	123.0	0.0	0.0	0.2	2.6	0.0	6.9	31.0	0.0	0.0	0.0
09	80.2	55.8	68.0	3.3	3.3	3.1	396.8	341.4	262.6	150.6	71.8	49.3	6.9	11.5	22.8	60.8	0.1	3.8	30.0	0.0	0.1	0.0
10	67.4	44.6	56.0	3.0	2.5	2.5	139.2	108.6	71.7	30.4	9.7	5.6	108.2	139.7	195.7	309.5	0.0	0.2	29.3	0.0	3.8	0.0
11	52.7	34.2	43.5	5.4	4.1	4.6	23.7	15.8	7.4	1.4	0.3	0.1	370.2	422.2	503.8	647.9	0.0	0.0	17.8	1.2	14.2	0.0
12	40.7	25.2	32.9	4.6	4.7	4.5	2.1	1.3	0.5	0.0	0.0	0.0	685.5	746.7	838.9	993.4	0.0	0.0	6.8	7.6	23.7	0.7
Summary	64.1	44.0	54.0	3.9	3.7	3.6	2870	2504	1994	1252	662	476	3183	3547	4131	5215	0.6	28.2	263.6	29.5	110.9	4.7

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	9.7	4.7	1.2	0.3	1.11	1.53	2.46
02	1.93	8.9	4.5	1.0	0.2	1.18	1.65	2.74
03	2.76	10.5	5.9	1.8	0.5	1.79	2.49	3.39
04	3.97	11.5	7.3	3.0	0.9	2.72	3.61	4.96
05	4.52	12.6	8.0	2.9	1.1	2.86	3.80	5.85
06	4.61	10.6	6.8	3.0	1.3	1.98	4.36	7.22
07	3.85	8.5	5.4	2.7	1.0	2.35	3.26	5.16
08	3.37	8.2	5.0	2.2	0.9	1.97	3.12	4.00
09	2.88	7.3	4.7	1.7	0.8	1.34	2.30	3.86
10	3.26	9.1	5.6	2.4	0.8	1.80	2.86	3.99
11	2.71	8.8	5.5	1.9	0.5	1.81	2.86	3.44
12	2.15	9.0	4.8	1.2	0.4	1.26	1.73	2.56
Summary	38.04	114.7	68.2	25.0	8.7	22.17	33.57	49.63

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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	6.7	5.2	2.1	0.7	0.3	0.0	10.6	4.7	1.9	0.3	3.6	6.4	8.2
02	6.1	4.2	1.7	0.7	0.3	0.0	7.2	3.5	2.1	0.4	1.0	3.6	10.4
03	3.1	1.9	0.7	0.3	0.2	0.0	2.0	1.0	0.4	0.1	0.2	2.4	4.5
04	0.3	0.3	0.1	0.0	0.0	0.0	0.1	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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	1.2	1.0	0.4	0.1	0.1	0.0	0.9	0.2	0.0	0.0	0.0	0.1	1.2
12	4.3	3.6	1.2	0.4	0.1	0.0	6.0	2.0	1.0	0.0	1.8	3.3	5.9
Summary	21.8	16.3	6.2	2.2	1.0	0.0	26.8	11.4	5.4	0.8	6.6	15.8	30.2

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	23.1	47.4	187.2	442.1	776.5	1009.3	1131.4	1080.2	839.9	500.5	186.8	48.4
45	8.4	21.3	110.2	309.2	621.6	859.3	976.4	925.2	690.1	357.7	106.4	19.6
50	2.6	8.7	59.6	195.2	468.9	709.3	821.4	770.2	541.5	235.6	54.4	6.8
55	0.6	2.7	29.6	108.7	325.9	559.5	666.4	615.2	396.8	139.2	23.7	2.1
60	0.1	0.5	11.7	51.6	204.3	411.3	511.4	460.5	262.6	71.7	7.4	0.5
Growing Degree Units for Corn (Monthly)												
50/86	12.6	28.5	112.7	261.6	487.4	684.0	780.2	739.9	545.7	303.4	101.4	23.1

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	23	70	258	700	1476	2486	3617	4697	5537	6038	6224	6273
45	8	30	140	449	1071	1930	2906	3832	4522	4879	4986	5005
50	3	11	71	266	735	1444	2266	3036	3577	3813	3867	3874
55	1	3	33	142	468	1027	1693	2309	2705	2845	2868	2870
60	0	1	12	64	268	680	1191	1651	1914	1986	1993	1994
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	13	41	154	415	903	1587	2367	3107	3653	3956	4057	4081

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

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