

Summary of Monthly Normals 1991-2020

Generated on 09/28/2021

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	41.0	21.8	31.4	3.9	4.5	4.1	0.8	0.5	0.2	0.0	0.0	0.0	732.3	793.9	886.7	1041.5	0.0	0.0	5.5	7.0	27.9	0.8
02	42.8	23.3	33.0	3.6	4.3	3.8	0.2	0.1	0.0	0.0	0.0	0.0	614.7	670.6	754.6	894.6	0.0	0.0	5.1	4.1	25.0	0.4
03	49.1	29.0	39.0	3.2	4.7	3.7	4.4	2.6	1.3	0.2	0.0	0.0	498.8	559.0	650.7	804.6	0.0	0.0	12.2	0.6	22.3	0.0
04	59.2	38.4	48.8	3.0	2.4	2.6	28.1	18.2	8.7	2.2	0.4	0.1	214.1	264.3	344.7	488.2	0.0	0.1	24.9	0.0	6.4	0.0
05	69.1	47.9	58.5	3.6	1.8	2.5	149.4	111.4	68.2	24.4	6.2	3.0	40.9	64.9	114.6	225.8	0.0	0.6	30.4	0.0	0.1	0.0
06	78.5	58.1	68.3	2.4	1.4	1.7	400.4	342.4	259.5	142.1	60.9	39.0	1.4	3.4	10.6	43.1	0.0	2.7	30.0	0.0	0.0	0.0
07	84.0	64.1	74.0	2.6	2.3	2.3	590.4	528.4	435.5	284.1	149.4	106.1	0.0	0.0	0.1	3.6	0.2	4.8	31.0	0.0	0.0	0.0
08	82.3	63.2	72.7	1.9	2.8	2.2	550.2	488.2	395.2	243.1	116.3	79.7	0.0	0.0	0.0	2.9	0.1	3.4	31.0	0.0	0.0	0.0
09	75.7	56.8	66.3	2.3	2.6	2.2	340.2	283.6	204.0	96.9	32.9	19.3	2.7	6.2	16.6	59.4	0.0	0.6	30.0	0.0	0.0	0.0
10	65.4	45.8	55.6	2.4	2.5	2.2	95.9	67.2	36.4	11.2	2.4	1.0	77.3	110.6	172.7	302.6	0.0	0.0	30.2	0.0	1.7	0.0
11	55.1	36.4	45.8	3.1	2.8	2.5	13.0	7.5	3.1	0.4	0.0	0.0	290.5	345.0	430.5	577.9	0.0	0.0	20.6	0.0	13.0	0.0
12	45.9	28.3	37.1	3.5	4.0	3.6	1.3	0.7	0.2	0.0	0.0	0.0	556.2	617.5	710.1	864.9	0.0	0.0	9.4	2.1	23.8	0.0
Summary	62.3	42.8	52.5	3.0	3.0	2.8	2174	1851	1412	805	368	248	3029	3435	4092	5309	0.3	12.2	260.3	13.8	120.2	1.2

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	4.79	12.2	7.8	3.6	1.2	3.35	4.37	6.36
02	4.24	10.8	7.4	3.0	0.9	2.64	3.84	5.87
03	5.80	12.6	8.2	3.7	2.0	4.18	5.61	6.60
04	4.69	11.8	7.2	3.2	1.0	2.61	4.75	6.30
05	3.71	12.6	7.1	2.4	0.9	2.80	3.36	4.24
06	3.80	12.1	6.2	2.4	1.0	1.56	3.45	4.80
07	3.49	10.9	6.1	2.5	1.0	1.93	2.58	4.94
08	3.63	10.8	6.0	2.5	1.2	2.22	3.69	4.60
09	4.27	10.1	5.9	2.4	1.5	2.15	3.64	5.29
10	5.01	12.2	7.0	2.9	1.5	2.91	4.84	6.55
11	4.41	11.6	7.4	3.0	1.3	2.79	3.92	5.45
12	4.93	11.9	8.2	3.0	1.4	3.02	4.69	7.31
Summary	52.77	139.6	84.5	34.6	14.9	32.16	48.74	68.31

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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	10.1	4.7	4.2	1.3	0.7	0.2	9.4	4.9	3.4	1.7	5.0	7.0	11.3
02	11.5	4.3	3.6	1.6	0.8	0.3	8.2	5.7	4.2	1.8	4.1	6.6	18.2
03	8.5	3.3	2.7	1.2	0.5	0.0	4.6	2.6	1.3	0.2	2.2	6.0	14.4
04	1.0	0.2	0.2	0.1	0.0	0.0	0.2	0.2	0.1	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	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	6.7	2.3	1.7	0.8	0.4	0.1	4.6	2.9	2.2	0.3	0.7	4.6	11.5
Summary	37.9	14.9	12.5	5.0	2.4	0.6	27.0	16.3	11.2	4.0	12.0	24.2	55.4

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	26.4	22.8	78.8	273.0	573.5	848.9	1055.4	1015.1	787.4	483.8	202.5	60.6
45	8.3	6.8	31.2	153.6	419.0	698.9	900.4	860.1	637.4	332.8	103.2	21.7
50	2.5	1.4	11.4	72.0	271.7	549.0	745.4	705.1	487.7	198.1	42.7	6.4
55	0.8	0.2	4.4	28.1	149.4	400.4	590.4	550.2	340.2	95.9	13.0	1.3
60	0.2	0.0	1.3	8.7	68.2	259.5	435.5	395.2	204.0	36.4	3.1	0.2
Growing Degree Units for Corn (Monthly)												
50/86	17.3	15.0	51.3	150.6	318.8	541.0	716.9	687.2	493.9	264.5	102.1	30.9

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	26	49	128	401	974	1823	2879	3894	4681	5165	5368	5428
45	8	15	46	200	619	1318	2218	3078	3716	4048	4152	4173
50	2	4	15	87	359	908	1653	2358	2846	3044	3087	3093
55	1	1	5	34	183	583	1174	1724	2064	2160	2173	2174
60	0	0	2	10	78	338	773	1169	1373	1409	1412	1412
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	17	32	84	234	553	1094	1811	2498	2992	3257	3359	3390

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

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