

Summary of Monthly Normals
1991-2020

Current Location: Elev: 813 ft. Lat: 42.0497° N Lon: 91.5881° W
Station: CEDAR RAPIDS #1, IA US USC00131319
Generated on 05/20/2024

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	30.0	12.5	21.3	5.1	5.5	5.2	0.0	0.0	0.0	0.0	0.0	0.0	1046.0	1108.0	1201.0	1356.0	0.0	0.0	1.5	18.2	29.7	6.1
02	35.1	16.6	25.9	6.6	6.6	6.5	0.2	0.1	0.0	0.0	0.0	0.0	816.2	872.1	956.1	1096.0	0.0	0.0	3.3	11.7	25.2	3.5
03	48.9	27.5	38.2	5.5	4.7	5.0	14.0	9.6	5.6	1.7	0.1	0.0	534.9	592.5	681.4	832.5	0.0	0.0	14.1	3.1	20.3	0.6
04	63.3	38.4	50.9	3.7	3.1	3.2	66.5	48.6	28.8	9.7	1.5	0.6	191.1	233.1	303.4	434.3	0.0	0.0	25.8	0.0	7.0	0.0
05	73.8	49.6	61.7	3.3	3.1	3.0	240.6	194.9	135.6	63.9	21.8	12.6	33.0	49.3	82.9	166.3	0.0	0.8	30.8	0.0	0.6	0.0
06	82.3	59.6	71.0	2.6	2.0	2.2	478.8	419.7	333.0	199.6	92.8	61.8	0.4	1.3	4.6	21.3	0.1	3.8	30.0	0.0	0.0	0.0
07	85.5	63.3	74.4	3.3	2.6	2.9	601.3	539.3	446.4	293.9	156.2	111.9	0.0	0.0	0.1	2.6	0.5	7.1	31.0	0.0	0.0	0.0
08	83.4	61.2	72.3	2.7	2.7	2.5	536.2	474.3	381.9	234.3	111.0	74.2	0.0	0.1	0.7	8.1	0.0	4.2	31.0	0.0	0.0	0.0
09	77.3	53.0	65.2	3.3	2.8	2.9	318.1	266.2	195.5	100.8	39.7	24.7	13.8	21.9	41.1	96.5	0.0	1.6	30.0	0.0	0.2	0.0
10	64.1	41.5	52.8	3.4	2.6	2.7	90.0	67.1	40.3	13.9	3.4	1.8	158.3	197.3	263.6	392.1	0.0	0.0	27.9	0.0	5.3	0.0
11	48.1	29.3	38.7	6.0	4.4	5.1	8.6	5.3	2.3	0.3	0.0	0.0	497.6	554.3	641.3	789.3	0.0	0.0	13.0	3.1	18.3	0.0
12	34.7	18.6	26.7	5.6	5.6	5.5	0.5	0.2	0.0	0.0	0.0	0.0	879.1	940.9	1033.7	1188.7	0.0	0.0	3.0	12.7	27.6	2.4
Summary	60.5	39.3	49.9	4.3	3.8	3.9	2355	2025	1569	918	426	288	4170	4571	5210	6384	0.6	17.5	241.4	48.8	134.2	12.6

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	1.17	8.9	3.5	0.4	0.1	0.73	1.02	1.43
02	1.34	7.6	3.7	0.7	0.1	0.68	1.29	1.89
03	2.06	9.5	4.8	1.1	0.2	0.94	1.94	2.95
04	4.02	11.3	7.6	2.8	0.9	3.20	3.76	4.54
05	4.74	13.0	8.5	3.4	1.1	3.36	4.58	6.19
06	5.68	12.3	8.7	3.9	1.6	3.98	5.15	6.89
07	4.47	9.6	6.2	3.1	1.5	2.29	3.66	6.31
08	4.42	9.6	6.2	2.9	1.2	2.68	3.27	5.53
09	3.96	8.8	6.0	2.8	1.3	2.53	4.17	5.21
10	3.00	9.5	5.6	2.0	0.8	1.44	3.11	4.19
11	2.22	8.4	4.6	1.3	0.5	1.30	2.07	2.41
12	1.67	9.1	4.0	0.9	0.1	1.12	1.50	2.19
Summary	38.75	117.6	69.4	25.3	9.4	24.25	35.52	49.73

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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	8.70	6.9	2.7	0.9	0.3	0.0	20.1	15.9	10.5	1.7	5.10	7.60	11.70
02	8.30	5.1	2.6	1.0	0.2	0.0	16.0	11.8	8.2	2.6	3.30	6.60	12.50
03	4.00	2.9	1.4	0.4	0.1	0.0	6.1	3.5	2.4	0.3	1.60	3.50	5.30
04	1.50	1.1	0.5	0.2	0.0	0.0	0.4	0.1	0.0	0.0	0.00	0.00	2.70
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.60	0.4	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
11	2.20	2.0	0.6	0.2	0.0	0.0	1.4	0.7	0.1	0.0	0.00	0.70	3.80
12	9.00	6.2	2.6	0.9	0.3	0.0	12.2	9.0	4.9	1.2	3.60	7.80	14.00
Summary	34.3	24.6	10.5	3.7	0.9	0.0	56.3	41.1	26.1	5.8	13.6	26.2	50.0

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	3.1	16.3	112.6	345.3	672.7	928.2	1066.2	1001.1	754.3	409.3	111.3	13.3
45	0.3	5.6	61.9	225.5	518.9	778.2	911.2	846.1	604.8	277.3	57.8	4.2
50	0.0	1.6	31.2	131.0	371.7	628.4	756.3	691.2	457.5	169.7	25.7	1.7
55	0.0	0.2	14.0	66.5	240.6	478.8	601.3	536.2	318.1	90.0	8.6	0.5
60	0.0	0.0	5.6	28.8	135.6	333.0	446.4	381.9	195.5	40.3	2.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	2.8	11.5	77.1	219.4	418.6	615.7	724.1	674.5	481.6	245.4	63.6	6.9
Growing Degree Units (Accumulated Monthly)												
40	3	19	132	477	1150	2078	3144	4146	4900	5309	5420	5434
45	0	6	68	293	812	1590	2502	3348	3952	4230	4288	4292
50	0	2	33	164	536	1164	1920	2611	3069	3239	3264	3266
55	0	0	14	81	321	800	1401	1938	2256	2346	2354	2355
60	0	0	6	34	170	503	949	1331	1527	1567	1569	1569
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	14	91	311	729	1345	2069	2744	3225	3471	3534	3541

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