

Summary of Monthly Normals
1981-2010

Current Location: Elev: 868 ft. Lat: 41.8833° N Lon: 91.7166° W
Station: CEDAR RAPIDS MUNICIPAL AIRPORT, IA US USW00014990

Generated on 06/03/2024

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	28.2	10.9	19.5	6.1	6.4	6.1	0	0	0	0	0	0	1099	1161	1254	1409	0.0	0.0	1.0	18.7	30.1	7.2
02	33.3	15.6	24.4	6.4	6.5	6.3	-7777	-7777	-7777	-7777	0	0	855	911	995	1135	0.0	0.0	2.4	12.3	26.0	4.3
03	46.5	26.7	36.6	4.4	3.4	3.7	9	6	3	-7777	-7777	0	580	638	728	881	0.0	0.0	11.4	3.6	22.4	0.3
04	60.7	37.7	49.2	3.9	3.1	3.3	52	38	22	7	1	-7777	226	272	346	481	0.0	0.0	24.6	0.1	7.8	0.0
05	71.3	49.0	60.1	3.4	3.0	2.9	201	157	104	42	12	6	41	60	99	192	0.0	0.2	30.8	0.0	0.5	0.0
06	80.3	58.8	69.6	2.8	2.4	2.3	438	379	294	166	71	46	1	3	8	29	0.0	2.6	30.0	0.0	0.0	0.0
07	83.5	62.5	73.0	3.3	2.3	2.5	558	496	403	252	124	85	-7777	-7777	-7777	4	0.1	4.7	31.0	0.0	0.0	0.0
08	81.5	60.5	71.0	3.6	3.1	3.2	496	434	343	201	91	61	-7777	1	2	15	0.1	3.2	31.0	0.0	0.0	0.0
09	74.5	51.1	62.8	2.7	2.3	2.3	260	213	150	72	26	15	26	39	67	138	0.0	0.9	29.9	0.0	0.4	0.0
10	61.8	39.5	50.6	3.1	2.9	2.7	64	46	26	8	2	1	199	243	316	453	0.0	-7777	26.8	0.0	7.1	0.0
11	46.5	27.8	37.1	5.2	4.2	4.6	6	3	1	-7777	0	0	541	599	687	836	0.0	0.0	11.7	3.5	19.9	0.1
12	31.8	14.8	23.3	6.4	6.5	6.3	-7777	-7777	-7777	0	0	0	983	1045	1138	1293	0.0	0.0	1.9	14.7	28.9	5.0
Summary	58.3	37.9	48.1	4.3	3.8	3.8	2084	1772	1346	748	327	214	4551	4972	5640	6866	0.2	11.6	232.5	52.9	143.1	16.9

-7777: a non-zero value that would round to zero
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	0.92	6.9	2.9	0.2	-7777	0.63	0.98	1.15
02	1.22	6.6	3.3	0.5	0.2	0.65	1.08	1.83
03	2.10	9.2	5.2	1.3	0.2	0.98	1.59	3.32
04	3.05	11.0	6.9	2.1	0.6	2.14	3.13	3.54
05	4.15	11.7	7.3	2.9	1.1	3.09	3.95	5.15
06	4.92	11.3	7.6	3.0	1.4	2.84	4.87	6.73
07	4.46	10.0	6.7	3.1	1.5	1.79	3.51	5.94
08	4.48	9.6	6.4	3.0	1.3	2.33	4.32	5.48
09	3.16	8.7	5.6	2.1	0.7	2.49	3.05	3.88
10	2.62	8.3	4.9	1.6	0.5	1.33	2.08	3.94
11	2.11	8.9	4.8	1.3	0.5	0.95	1.90	2.75
12	1.42	8.5	4.0	0.8	0.1	0.72	1.29	1.88
Summary	34.61	110.7	65.6	21.9	8.1	19.94	31.75	45.59

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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	6.2	4.6	2.6	0.8	0.1	0.0	16.7	11.0	5.2	0.2	3.1	6.1	8.6
02	6.9	4.2	2.6	0.7	0.2	0.0	14.1	9.8	5.4	0.5	2.2	5.0	9.6
03	3.1	2.4	1.2	0.3	0.1	0.0	5.2	1.9	0.9	0.0	0.6	2.1	4.9
04	1.0	0.5	0.4	-7777	-7777	0.0	0.6	0.4	0.1	0.0	0.0	0.0	1.8
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	1.7	1.0	0.6	0.2	0.2	0.0	1.5	0.8	0.3	0.0	0.0	0.2	3.4
12	7.8	4.6	2.5	0.9	0.1	0.0	9.4	5.7	3.2	0.3	1.5	5.3	13.1
Summary	26.7	17.3	9.9	2.9	0.7	0.0	47.5	29.6	15.1	1.0	7.4	18.7	41.4

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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	11	85	302	625	886	1023	961	684	346	90	8
45	1	3	45	191	472	736	868	806	536	224	45	3
50	-7777	1	22	105	327	586	713	651	392	129	19	1
55	0	-7777	9	52	201	438	558	496	260	64	6	-7777
60	0	-7777	3	22	104	294	403	343	150	26	1	-7777
Growing Degree Units for Corn (Monthly)												
50/86	3	8	58	185	372	580	691	637	425	206	52	5
Growing Degree Units (Accumulated Monthly)												
40	3	14	99	401	1026	1912	2935	3896	4580	4926	5016	5024
45	1	4	49	240	712	1448	2316	3122	3658	3882	3927	3930
50	0	1	23	128	455	1041	1754	2405	2797	2926	2945	2946
55	0	0	9	61	262	700	1258	1754	2014	2078	2084	2084
60	0	0	3	25	129	423	826	1169	1319	1345	1346	1346
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	11	69	254	626	1206	1897	2534	2959	3165	3217	3222

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