

Summary of Monthly Normals
1981-2010

Generated on 04/30/2024

Current Location: Elev: 1280 ft. Lat: 41.7069° N Lon: 94.9222° W
Station: AUDUBON, IA US USC00130385

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	29.2	9.0	19.1	6.7	6.1	6.2	0	0	0	0	0	0	1113	1175	1268	1423	0.0	0.0	1.5	17.5	30.7	8.3
02	33.9	13.6	23.8	6.6	6.1	6.1	-7777	-7777	-7777	-7777	0	0	875	931	1015	1155	0.0	0.0	3.5	12.3	26.6	5.2
03	46.9	24.2	35.5	5.4	4.2	4.4	7	4	2	-7777	-7777	-7777	610	669	760	913	0.0	-7777	12.8	4.5	24.6	0.7
04	60.8	36.0	48.4	4.8	3.1	3.7	50	37	22	7	1	-7777	248	295	370	505	0.0	0.1	24.0	0.2	10.6	0.0
05	71.4	48.0	59.7	3.4	3.1	3.0	194	153	100	37	9	4	48	69	109	202	0.0	0.2	30.7	0.0	0.9	0.0
06	80.5	57.9	69.2	3.0	2.4	2.4	428	369	285	158	66	42	2	4	9	32	-7777	2.0	30.0	0.0	0.0	0.0
07	83.7	62.2	73.0	2.8	2.2	2.2	556	494	402	253	125	85	-7777	-7777	1	7	0.1	4.8	31.0	0.0	0.0	0.0
08	81.9	60.0	71.0	3.4	3.2	3.1	495	433	342	203	96	65	-7777	1	3	19	0.1	3.6	31.0	0.0	0.0	0.0
09	74.9	49.9	62.4	3.3	2.6	2.6	253	207	146	70	25	15	31	45	74	148	0.0	0.7	29.8	0.0	1.0	0.0
10	62.4	37.4	49.9	3.4	2.8	2.6	56	39	21	6	2	1	214	259	335	474	0.0	-7777	26.8	0.2	10.3	0.0
11	46.4	25.3	35.8	6.0	4.1	4.8	4	2	1	-7777	0	0	578	637	725	875	0.0	0.0	12.0	4.2	22.7	0.3
12	31.7	12.7	22.2	6.5	6.1	6.1	-7777	0	0	0	0	0	1016	1079	1172	1327	0.0	0.0	1.8	15.2	30.2	5.2
Summary	58.6	36.4	47.5	4.6	3.8	3.9	2043	1738	1321	734	324	212	4735	5164	5841	7080	0.2	11.4	234.9	54.1	157.6	19.7

-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	0.84	4.5	2.1	0.3	0.1	0.46	0.78	1.06
02	0.99	4.4	2.7	0.2	-7777	0.37	0.77	1.34
03	2.15	7.0	4.5	1.4	0.4	0.97	2.10	2.93
04	3.66	9.5	6.8	2.4	0.9	1.82	3.25	5.00
05	4.79	11.1	8.5	3.2	1.3	3.36	4.82	5.58
06	4.97	10.1	7.4	3.5	1.5	3.12	4.72	6.51
07	4.53	9.2	6.9	3.1	1.4	2.61	4.17	6.29
08	3.92	8.4	6.0	2.6	1.1	2.80	3.55	4.57
09	3.17	7.3	5.2	2.3	0.8	1.73	2.83	4.14
10	2.70	7.2	5.2	1.8	0.7	1.19	2.45	3.49
11	1.74	5.9	3.8	1.0	0.3	0.83	1.53	2.26
12	1.20	6.2	3.2	0.5	0.1	0.62	0.97	1.57
Summary	34.66	90.8	62.3	22.3	8.6	19.88	31.94	44.74

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	4.8	2.7	2.1	0.7	0.3	0.1					0.0	4.5	6.9
02	4.7	2.0	1.7	0.5	0.2	0.0					1.0	4.0	6.0
03	3.1	1.4	1.3	0.5	0.4	0.0					0.0	2.0	4.5
04	1.3	0.6	0.3	0.2	0.1	-7777					0.0	0.0	0.1
05	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
07	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
09	-7777	-7777	0.0	0.0	0.0	0.0					0.0	0.0	0.0
10	0.4	0.3	0.2	0.1	0.0	0.0					0.0	0.0	0.0
11	2.2	1.3	1.2	0.1	0.0	0.0					0.0	1.2	3.2
12	7.3	3.5	2.7	0.7	0.2	-7777					1.0	7.0	13.6
Summary	23.8	11.8	9.5	2.8	1.2	0.1	0.0	0.0	0.0	0.0	2.0	18.7	34.3

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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	2	10	81	285	611	876	1021	960	672	330	78	4
45	-7777	3	41	180	458	726	866	804	525	212	39	1
50	-7777	1	18	101	316	576	711	649	382	119	14	-7777
55	0	-7777	7	50	194	428	556	495	253	56	4	-7777
60	0	-7777	2	22	100	285	402	342	146	21	1	0
Growing Degree Units for Corn (Monthly)												
50/86	4	11	67	188	370	572	689	637	428	215	56	4

Growing Degree Units (Accumulated Monthly)												
40	2	12	93	378	989	1865	2886	3846	4518	4848	4926	4930
45	0	3	44	224	682	1408	2274	3078	3603	3815	3854	3855
50	0	1	19	120	436	1012	1723	2372	2754	2873	2887	2887
55	0	0	7	57	251	679	1235	1730	1983	2039	2043	2043
60	0	0	2	24	124	409	811	1153	1299	1320	1321	1321
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	15	82	270	640	1212	1901	2538	2966	3181	3237	3241

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