

Summary of Monthly Normals
1981-2010

Generated on 06/03/2024

Current Location: Elev: 830 ft. Lat: 41.3213° N Lon: 92.6466° W
Station: OSKALOOSA, IA US USC00136327

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	30.6	11.3	21.0	6.0	6.3	6.0	-7777	0	0	0	0	0	1055	1117	1210	1365	0.0	0.0	2.0	16.3	30.3	6.9
02	35.4	15.0	25.2	6.8	6.9	6.6	-7777	-7777	-7777	-7777	-7777	0	835	890	974	1114	0.0	0.0	4.1	11.2	26.1	4.7
03	48.4	26.3	37.4	4.6	3.6	3.9	10	7	4	1	-7777	0	558	616	706	858	0.0	0.0	13.2	3.1	22.1	0.3
04	61.6	37.6	49.6	4.5	3.2	3.7	55	40	23	7	1	-7777	217	262	335	469	0.0	0.0	25.0	-7777	8.2	0.0
05	71.7	49.5	60.6	3.3	3.3	3.0	208	164	107	43	11	5	35	52	88	179	0.0	0.1	30.7	0.0	0.3	0.0
06	80.6	59.5	70.1	2.3	2.2	2.1	452	393	307	177	75	47	1	2	6	25	0.1	1.5	30.0	0.0	0.0	0.0
07	84.9	64.1	74.5	3.0	2.3	2.4	604	542	450	296	158	113	-7777	-7777	-7777	2	0.2	6.6	31.0	0.0	0.0	0.0
08	83.0	61.5	72.2	3.7	3.0	3.1	535	473	381	236	117	81	-7777	-7777	2	12	0.4	4.3	31.0	0.0	0.0	0.0
09	76.0	51.7	63.8	3.0	2.6	2.5	285	236	170	85	31	19	20	31	55	120	0.0	0.8	29.9	0.0	0.3	0.0
10	63.5	40.2	51.8	3.0	2.6	2.5	74	53	30	9	2	1	171	212	282	417	0.0	-7777	27.6	0.0	6.5	0.0
11	48.5	27.4	38.0	5.6	3.8	4.5	7	4	1	-7777	-7777	0	518	575	663	812	0.0	0.0	13.5	2.7	20.7	0.2
12	34.0	15.4	24.7	6.5	6.6	6.3	-7777	-7777	0	0	0	0	939	1001	1094	1249	0.0	0.0	3.3	13.2	29.3	4.2
Summary	59.8	38.3	49.1	4.4	3.9	3.9	2230	1912	1473	854	395	266	4349	4758	5415	6622	0.7	13.3	241.3	46.5	143.8	16.3

-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	1.31	5.2	3.3	0.7	0.1	0.78	1.10	1.48
02	1.69	5.4	3.5	0.9	0.2	0.85	1.59	2.06
03	2.14	6.9	4.7	1.3	0.4	1.00	1.95	3.24
04	3.59	9.6	7.0	2.5	0.8	2.47	3.75	4.74
05	4.80	11.5	8.6	3.4	1.4	2.97	4.67	6.67
06	4.94	9.9	7.3	3.0	1.4	2.75	3.86	6.61
07	4.61	8.9	6.5	2.8	1.4	2.45	3.96	5.84
08	4.63	8.8	6.3	2.8	1.5	2.81	3.29	5.64
09	3.73	8.0	5.9	2.5	1.3	2.69	3.17	4.84
10	2.81	8.1	5.6	1.5	0.7	1.16	2.33	4.28
11	2.63	7.2	5.0	1.8	0.8	1.26	2.27	3.38
12	1.34	5.6	3.9	0.9	0.2	0.69	1.23	1.73
Summary	38.22	95.1	67.6	24.1	10.2	21.88	33.17	50.51

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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	5.6	3.3	2.4	0.7	0.4	0.1					1.5	4.3	10.4
02	8.6	3.5	2.6	1.2	0.6	0.1					1.0	6.0	10.0
03	3.8	1.4	1.0	0.4	0.3	0.0					0.0	0.5	8.0
04	0.6	0.3	0.2	0.1	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
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	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
11	0.8	0.5	0.3	0.1	0.0	0.0					0.0	0.0	0.5
12	5.7	2.8	2.0	0.8	0.3	0.1					0.0	4.1	8.5
Summary	25.1	11.8	8.5	3.3	1.7	0.3	0.0	0.0	0.0	0.0	2.5	14.9	37.4

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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	4	16	101	313	639	901	1069	1000	716	379	100	10
45	1	5	55	201	485	751	914	844	566	251	52	3
50	-7777	2	26	113	339	601	759	689	421	146	23	1
55	-7777	-7777	10	55	208	452	604	535	285	74	7	-7777
60	0	-7777	4	23	107	307	450	381	170	30	1	0
Growing Degree Units for Corn (Monthly)												
50/86	5	15	75	197	381	595	729	668	452	231	66	8

Growing Degree Units (Accumulated Monthly)												
40	4	20	121	434	1073	1974	3043	4043	4759	5138	5238	5248
45	1	6	61	262	747	1498	2412	3256	3822	4073	4125	4128
50	0	2	28	141	480	1081	1840	2529	2950	3096	3119	3120
55	0	0	10	65	273	725	1329	1864	2149	2223	2230	2230
60	0	0	4	27	134	441	891	1272	1442	1472	1473	1473
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	5	20	95	292	673	1268	1997	2665	3117	3348	3414	3422

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