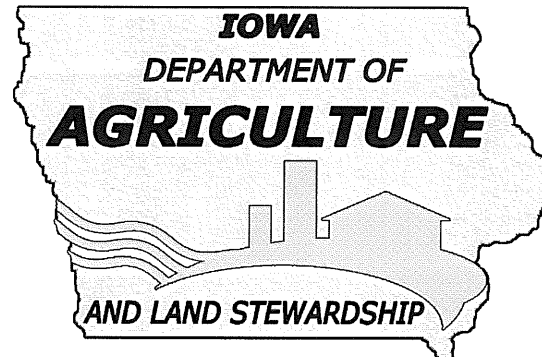


Iowa Department of Agriculture & Land Stewardship
BILL NORTHEY, Secretary of Agriculture

STATE CLIMATOLOGIST OFFICE

IOWA CLIMATE REVIEW

VOLUME 31, NUMBER 2
FEBRUARY 2017



The cooperation of the National Weather Service offices at Davenport, Johnston (Des Moines), La Crosse, Sioux Falls and Valley (Omaha) and their network of volunteer weather observers across Iowa in providing the data used in compiling this report is gratefully acknowledged.

CONTENTS	
Monthly Narrative	1
Monthly Graphs	2
Wind Data	3
Summarized Station Data	4
Daily Temperatures	8
Daily Precipitation	15
Daily Snowfall & Snow Depth	18
Station Index	26
Reference Notes	28

The climatic data used in this report are compiled from official records on file at the State Climatologist Office in Des Moines. Some of these data are of a preliminary nature and are subject to change without notice. Differences may exist in data values published here and those subsequently published in the U.S. Department of Commerce report *Climatological Data Iowa* due to use of differing quality control procedures.

IOWA MONTHLY WEATHER SUMMARY – FEBRUARY 2017

General Summary. Temperatures averaged 33.8° or 9.8° above normal while precipitation averaged 1.01 inches or just 0.04 inches less than normal. This ranks as the 3rd warmest and 72nd wettest February among 145 years of records. Only 1954 and 1998 brought a warmer February than this year.

Temperatures. Temperatures averaged near seasonal norms for the first nine days of the month. However, warmer than normal weather prevailed for all but one (25th) of the remaining days of February with an exceptionally mild period from the 16th through the 22nd when temperatures averaged 23.7° above normal. A look at the Iowa record books back to 1891 found 62 February dates when temperatures reached 70 degrees or higher somewhere in the state. Prior to this year no single February brought more than four days of 70 degree weather (1930, 1981 and 1996) with the longest streak of 70° weather being three consecutive days in 1996 (24th-25th-26th). However, this February brought eight days of 70° weather with seven of those coming consecutively from the 16th through the 22nd with one more on the last day of the month. Ottumwa recorded the highest temperature of the month with a 79° reading on the 22nd. This reading has been exceeded only three times previously in February in Iowa (82° at Sidney on 2/29/1972 and 80° at Clarinda and Mount Ayr on 2/24/1930). Daily record high temperatures were recorded somewhere in the state every day from the 16th through the 22nd, primarily across the southeast one-half of the state, with Ottumwa setting or tying daily records on each of these seven days. On the other extreme Little Sioux recorded the only subzero temperature of the month with a -3° reading on the morning of the 9th.

Heating Degree Day Totals. Home heating requirement, as estimated by heating degree day totals, averaged 25% less than normal and 19% less than last February. Heating degree day totals thus far this winter season are running 17% less than normal and 5% less than last season through the end of February. A warmer heating season was last recorded in the winter of 2001-2002.

Precipitation. There were only two measureable snow events during the month. The first one on the 8th brought snow to about the southern two-thirds of the state with greatest amounts falling across west central and south central Iowa where Indianola picked up 6.1 inches. The second, and much more intense event, brought snow to all of the state on the 23th-24th. Heaviest snow

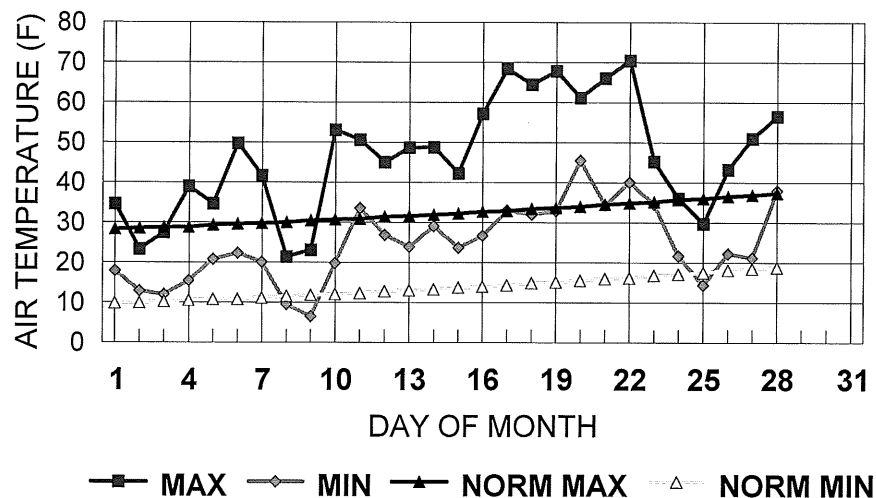
fell across the northwest where 12.5 inches fell near West Bend and 12.0 inches at Algona. An inch or less of snow fell across east central Iowa and the southern one-quarter of the state. Wind gusts up to 48 mph brought blizzard conditions across about the northwest one-third of the state with this late month storm. Monthly snow totals varied from only 0.3 inches at Manchester to 13.6 inches at Little Sioux. A statewide average of 4.5 inches of snow fell during the month, 2.3 inches less than normal and the lowest February total since 2009. This ranks as the 43rd lowest February snow total among 130 years of records. There were also several rain events during the month with the largest coming on the 20th when rain fell statewide with totals of an inch or more falling over parts of north central and northeast Iowa. Monthly precipitation totals varied from only 0.20 inches at Allerton where this was the driest February since 1970 to 2.78 inches at Nashua or more than 2.5 times their normal amount for February.

Severe Weather. Thunderstorms developed across eastern Iowa during the late afternoon of the 28th and brought one brief tornado in Clinton County and large hail reports from eleven east central and southeast Iowa counties. Only two other February tornadoes have been recorded in Iowa (Feb. 1, 1922 at Monticello and Feb. 23, 1977 at Mason City). Thunderstorms were also fairly widespread on the 6th-7th, 20th and 23rd-24th but with only a few very isolated large hail occurrences on the 7th and 20th.

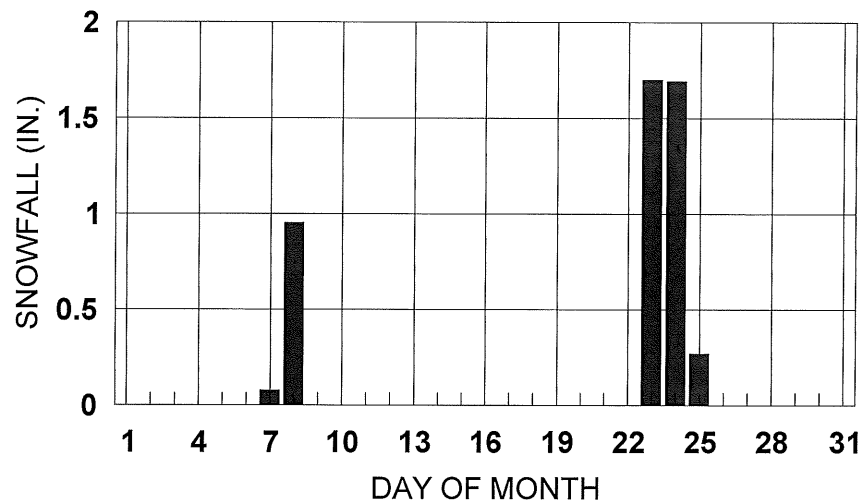
Winter Summary. Temperatures over the three mid-winters months averaged 26.8° or 4.7° above normal while precipitation totaled 4.17 inches or 0.83 inches above normal. This ranks as the 9th warmest and 31st wettest winter among 144 years of records. Six of the top ten warmest winters have come within the past 20 years.

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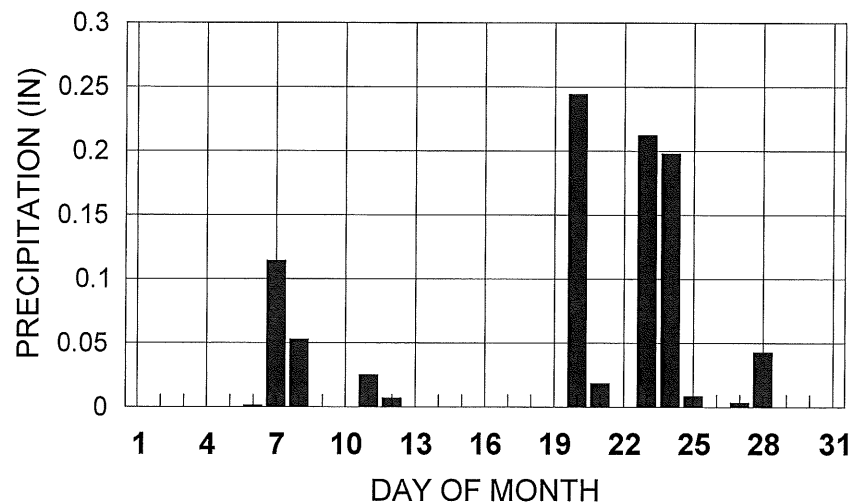
IOWA DAILY MAX & MIN TEMPERATURES
FEBRUARY 2017 (SELECTED STATIONS)



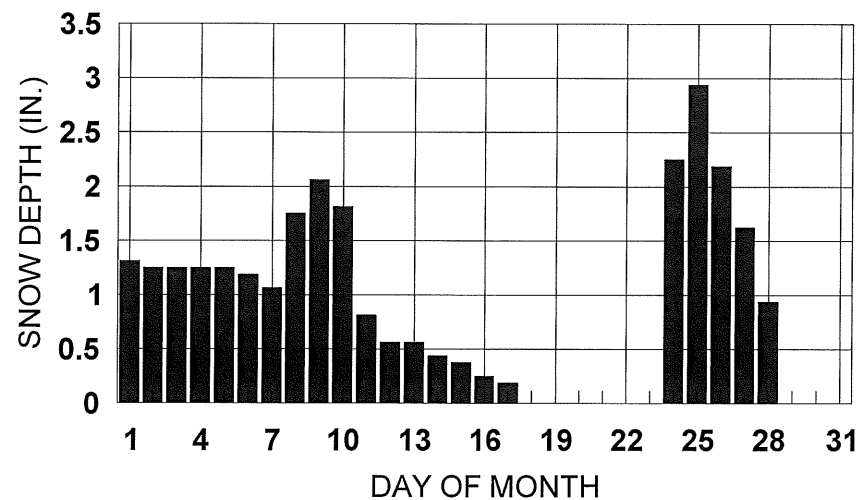
IOWA AVERAGE DAILY SNOWFALL
FEBRUARY 2017 (SELCTED STATIONS)



IOWA AVERAGE DAILY PRECIPITATION
FEBRUARY 2017 (SELECTED STATIONS)



IOWA AVERAGE DAILY 6 am SNOW DEPTH
FEBRUARY 2017 (SELECTED STATIONS)



FEBRUARY 2017																															IOWA CLIMATE REVIEW				
AIRPORT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
PRELIMINARY AVERAGE DAILY WIND SPEED (MPH)																																AVG			
Ames	15.1	12.1	7.4	12.9	8.1	5.3	13.2	14.1	7.9	9.5	6.4	14.2	10.5	13.8	8.1	4.6	8.9	2.6	7.1	8.9	7.7	10.6	14.9	20.5	12.2	9.4	6.1	9.4					10.1		
Burlington	10.5	8.9	5.9	12.4	7.5	7.8	11.4	10.1	7.4	11.3	8.4	12.5	7.9	10.7	8.6	7.0	11.5	5.0	5.8	10.6	5.8	11.8	11.3	11.8	11.3	12.3	7.4	11.9					9.5		
Cedar Rapids	14.3	13.0	8.9	11.7	8.5	6.4	16.9	14.0	8.9	10.3	7.7	15.3	9.3	13.6	10.5	7.3	8.5	5.6	7.1	9.6	5.1	13.7	16.3	17.3	14.7	12.9	7.9	10.8					10.9		
Davenport	13.9	11.9	9.4	14.7	8.1	8.5	13.8	12.5	9.7	12.4	7.7	14.9	9.5	13.8	11.1	8.9	11.0	6.2	7.1	13.8	5.2	12.9	14.3	13.6	17.1	13.0	9.0	11.5					11.3		
Des Moines	13.0	10.8	8.0	14.2	8.3	6.6	14.2	12.6	8.4	9.8	9.1	13.4	7.8	12.6	8.1	8.1	9.9	3.9	10.1	10.3	7.8	13.6	15.2	17.2	12.0	11.4	7.8	10.2					10.5		
Dubuque	14.7	13.2	10.3	14.6	6.9	6.7	13.7	14.2	11.9	13.6	8.1	14.1	10.3	15.1	11.3	8.0	9.4	4.5	6.7	13.2	6.4	15.2	14.9	18.3	14.3	13.8	8.5	10.2					11.5		
Estherville	18.6	15.8	10.0	17.3	10.2	7.5	19.7	16.4	13.9	13.1	6.5	15.3	13.7	17.3	8.6	8.8	11.5	5.8	11.8	15.5	11.8	13.5	20.7	25.0	14.4	10.9	10.9	10.2					13.4		
Iowa City	12.2	10.6	6.8	9.3	6.1	4.2	12.2	11.6	7.4	7.9	5.8	13.8	5.7	11.8	9.9	4.3	6.3	3.6	4.4	7.2	2.8	9.2	13.0	13.5	12.0	9.7	6.3	9.9					8.5		
Lamoni	11.2	10.7	6.9	14.8	6.0	6.4	13.8	12.9	7.7	13.5	11.3	14.4	9.0	12.3	10.1	12.6	13.3	4.9	9.3	10.4	6.9	12.2	14.5	16.2	11.2	12.1	8.0	14.5					11.0		
Marshalltown	16.6	13.4	8.2	14.5	9.7	7.2	14.8	14.6	8.6	10.7	7.6	15.1	11.4	15.3	8.7	7.7	9.6	4.4	8.7	12.2	6.9	12.5	15.9	21.2	13.9	12.3	9.5	11.2					11.5		
Mason City	16.9	14.4	10.2	12.8	11.5	6.5	17.6	16.0	12.4	12.6	4.7	16.5	12.5	17.7	10.1	9.5	9.2	5.3	9.2	12.9	9.4	10.9	18.2	23.9	15.2	11.6	9.3	10.5					12.4		
Moline, IL	13.1	11.5	8.1	10.6	6.2	6.4	12.4	11.5	9.2	7.8	5.4	14.3	7.0	12.7	9.5	5.6	7.9	4.2	4.8	9.3	2.3	10.7	11.3	10.7	14.8	11.0	7.0	9.3					9.1		
Omaha, NE	15.7	10.3	8.4	16.1	8.1	6.3	16.2	13.6	10.7	9.0	10.3	11.6	9.0	11.3	7.4	7.4	10.5	3.5	12.9	9.2	8.5	10.4	15.4	20.6	9.3	7.4	8.0	9.2					10.6		
Ottumwa	14.3	11.3	7.6	13.8	8.4	7.5	14.0	14.6	8.5	12.9	7.8	15.6	8.9	14.3	10.6	7.8	12.2	5.5	9.5	12.1	5.9	14.3	14.1	16.5	12.7	11.6	10.3	12.2					11.2		
Sioux City	18.3	12.3	8.2	16.8	9.3	9.4	19.1	11.6	9.2	6.3	5.7	12.4	9.9	14.5	6.9	5.1	8.8	4.3	13.0	9.8	11.6	12.5	18.5	22.8	9.5	5.9	8.9	9.8					11.1		
Sioux Falls, SD	15.5	12.9	9.0	18.0	8.7	7.1	16.2	12.1	10.4	6.8	4.2	11.6	9.4	13.2	6.6	2.5	6.2	3.8	12.7	11.1	6.3	10.4	18.2	21.6	10.2	7.1	9.7	10.6					10.4		
Spencer	15.9	14.1	10.4	17.3	9.1	6.7	17.3	15.0	12.1	10.3	5.9	14.6	13.6	16.0	8.5	5.1	9.7	5.0	11.2	12.8	11.8	12.0	21.7	25.3	10.9	8.6	7.4	10.9					12.1		
Waterloo	13.4	11.3	7.1	14.1	9.6	6.7	12.7	14.8	10.2	11.3	4.5	12.6	11.0	14.3	9.3	8.0	8.4	4.1	6.4	12.2	6.4	10.4	13.9	19.6	12.5	11.3	7.6	8.0					10.4		
PRELIMINARY MAXIMUM 5-SECOND WIND GUST (MPH)																																MAX			
Ames	29	27	20	38	36	16	36	29	19	25	20	33	28	33	24	14	25	12	28	26	21	26	34	37	34	26	34	26					38		
Burlington	29	22	21	30	23	18	31	23	18	28	20	44	20	31	27	22	31	14	18	25	20	32	27	30	32	32	22	43					44		
Cedar Rapids	29	29	22	31	24	15	38	24	20	30	20	42	24	29	24	23	24	14	19	29	21	32	35	35	33	35	23	24					42		
Davenport	31	25	22	33	23	20	36	24	19	34	22	43	21	33	24	25	25	23	20	34	20	34	33	35	33	42	21	28					43		
Des Moines	29	28	21	40	33	17	36	27	21	25	23	35	26	34	25	18	24	14	28	26		31	32	37	28	34	23	28					40		
Dubuque	29	28	25	36	21	16	35	26	26	30	21	43	26	31	27	25	26	18	20	30	17	30	35	37	31	33	23	28					43		
Estherville	34	34	21	43	29	19	37	29	32	36	22	37	31	36	29	17	28	14	28	35	37	30	39	40	29	21	21	24					43		
Iowa City	31	27	22	29	24	14	36	24	20	25	23	43	20	32	25	20	25	13	18	25	20	31	32	32	34	32	22	33					43		
Lamoni	29	27	18	39	18	18	31	26	21	28	23	35	23	27	32	24	33	15	30	24	15	33	31	33	30	33	23	37					39		
Marshalltown	33	26	18	39	33	16	37	28	18	31	17	37	31	39	23	19	27	12	27	25	18	30	36	41	30	28	37	26					41		
Mason City	33	27	21	37	39	18	38	30	28	27	16	41	36	37	25	22	22	15	22	30	24	35	42	49	30	25	21	23					49		
Moline, IL	33	25	23	31	21	18	39	26	25	29	19	45	23	33	26	23	24	18	16	31	20	30	32	30	35	34	22	26					45		
Omaha, NE	30	25	21	39	27	16	32	26	25	29	22	30	26	26	22	16	23	13	32	31	24	26	32	40	26	21	34	27					40		
Ottumwa	28	27	18	36	23	15	36	27	18	31	20	40	21	30	27	22	29	13	24	30	30	37	32	36	28	34	27	32					40		
Sioux City	36	27	19	36	31	18	38	22	23	22	19	34	27	31	18	17	24	15	29	30	37	33	40	40	25	14	18	21					40		
Sioux Falls, SD	35	30	27	40	20	21	33	22	27	27	20	35	20	33	21	12	27	14	36	37	28	32	37	40	25	17	29	23					40		
Spencer	33	30	22	36	29	17	33	25	27	30	18	34	27	33	33	14	24	12	29	26	35	29	42	42	26	18	21	28					42		
Waterloo	30	28	19	35	33	16	36	27	26	28	19	38	33	32	26	23	22	12	22	29		27	33	39	29	27	27	25					39		
Hourly data upon which the above averages and extremes are based may not be complete. Contact the National Centers for Environmental Information in Asheville, NC if more detailed wind data are required.																																			

Hourly data upon which the above averages and extremes are based may not be complete. Contact the National Centers for Environmental Information in Asheville, NC if more detailed wind data are required.

FEBRUARY 2017				MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA																				IOWA CLIMATE REVIEW									
				TEMPERATURE (F)																PRECIPITATION (inches)													
								NUMBER OF DAYS				HEATING DEGREE DAYS				COOLING DEGREE DAYS								NUMBER OF DAYS				SNOWFALL (inches)					
				AVG	AVG		DEP	EXT		EXT		MAX	MAX	MIN	MIN	FEB	FEB	16-17	NORM	FEB	FEB	2017	NORM		DEP	EXT						MAX	
STATION	MAX	MIN	MEAN	NORM	MAX	DAY	MIN	DAY	90+	32-	32-	0-	2017	NORM	SEAS	SEAS	2017	NORM	SEAS	SEAS	TOTAL	NORM	DAY	DAY	0.01+	0.10+	1.00+	TOTAL	GND	DAY			
NORTHWEST DIVISION																																	
Akron																																	
Cherokee	41.7	19.6	30.7	7.9	68	22	6	4	0	9	27	0	956	1183	4849	5602	0	0	0	0	0.48		0.45	24	3	1	0	7.1	7	26	+		
Emmetsburg	40.0	21.0	30.5	10.5	67	23	6	10	0	9	24	0	960	1258	4763	5919	0	0	0	0	1.90	1.25	1.15	24	5	5	1	10.0	10	25	+		
Estherville Airport	39.3	20.8	30.1	9.5	64	21	4	8	0	8	24	0	972	1244	5001	5915	0	0	0	0													
Estherville 4 E	38.5	19.6	29.1	9.1	64	22	4	9	0	9	26	0	1000	1260	5102	5938	0	0	0	0													
Everly 3 WNW																					0.86		0.49	24	5	3	0	9.0	9	25			
Hawarden	41.8	19.7	30.8	8.6	72	22	4	4	0	9	27	0	954	1200	4876	5672	0	0	0	0	0.49	-0.18	0.40	24	4	1	0	4.7	6	3	+		
Le Mars	42.4	20.6	31.5	9.0	70	22	6	9	0	9	26	0	932	1190	4749	5607	0	0	0	0	0.68	0.11	0.45	24	6	2	0	7.9	7	24			
Orange City																				0.48		0.21	24	5	2	0	4.5	4	25	+			
Pocahontas	40.5	21.2	30.9	9.2	67	23	7	10	0	10	24	0	949	1214	4743	5644	0	0	0	0	1.91	1.11	1.22	24	6	5	1	12.5	12	25			
Primghar	42.6	23.9	33.3	9.7	65	22	4	9	0	6	21	0	882	1158	4489	5422	0	0	0	0	1.03	0.36	0.79	24	4	2	0	7.1	7	24			
Remsen #2																				0.66		0.37	24	5	2	0	7.2	7	25	+			
Rock Rapids	40.8	20.4	30.6	9.9	68	22	5	10	0	10	26	0	957	1242	4968	5897	0	0	0	0	0.41	-0.18	0.19	24	3	2	0	5.0	5	25	+		
Rock Valley																				0.81	0.21	0.63	24	3	2	0	4.5	5	24				
Sanborn	38.9	20.5	29.7	9.8	65	22	4	10	0	10	24	0	980	1264	4983	5933	0	0	0	0	1.07	0.29	0.61	24	5	3	0	7.8	8	25			
Sheldon	40.3	19.8	30.1	11.0	66	22	3	4	0	9	27	0	970	1285	5000	6146	0	0	0	0	1.28	0.53	0.50	24	5	4	0	5.7	6	1			
Sibley	38.8	19.4	29.1	9.7	65	22	3	9	0	10	26	0	998	1277	5151	6035	0	0	0	0	1.18	0.59	0.50	24	4	3	0	5.0	5	24			
Sioux Center 2 SE	43.8	22.6	33.2	8.9	67	22	4	3	0	5	22	0	881	1139	4518	5389	0	0	0	0	0.70	-0.02	0.47	24	4	3	0	7.0	7	24			
Sioux Rapids 4 E	40.9	22.1	31.5	9.2	67	22	5	9	0	9	22	0	929	1194	4686	5673	0	0	0	0	0.77	0.12	0.31	24	5	3	0	8.7	7	25	+		
Spencer Airport	41.0	21.0	31.0	9.9	67	22	5	9	0	8	26	0	944	1229	4797	5840	0	0	0	0							0						
Spencer 1 N	40.6	20.9	30.8	9.4	65	22	5	9	0	8	24	0	952	1222	4819	5820	0	0	0	0	0.98	0.49	0.40	23	4	3	0	11.0	11	24			
Spirit Lake 4 W	40.2	22.3	31.3		64	21	3	8	0	8	21	0	939		4767		0		0		1.54		0.87	23	4	3	0	8.0	8	25	+		
Storm Lake	40.9	21.8	31.4	8.9	66	23	6	9	0	9	22	0	935	1189	4730	5558	0	0	0	0	1.69	1.05	1.22	24	6	3	1	11.5	11	25			
NORTH CENTRAL DIVISION																																	
Algona 3 W	39.6	20.8	30.2	10.3	65	23	6	10	0	10	25	0	970	1261	4858	5897	0	0	0	0	2.05	1.32	0.80	24	4	4	0	12.0	12	26	+		
Allison	40.3	22.6	31.5	10.4	63	23	7	10	0	8	23	0	931	1229	4671	5656	0	0	0	0	1.92	1.08	1.10	21	4	2	1	4.0	4	5	+		
Britt														1271		5940		0		0	1.82	0.71	0.89	24	4	2	0	12.6	11	24			
Charles City	39.4	21.8	30.6	8.7	61	22	5	9	0	7	24	0	958	1208	4787	5640	0	0	0	0	2.16	1.17	1.10	21	5	3	1	6.0	6	26	+		
Clarion	40.3	21.7	31.0	9.1	66	23	6	10	0	9	24	0	946	1208		5646	0	0	0	0			1.05	21			1						
Dakota City	40.8	20.8	30.8	9.3	67	23	7	10	0	9	25	0	949	1218	4696	5694	0	0	0	0	2.21	1.26	1.17	24	6	4	1	10.1	8	24			
Forest City 2 NNE	38.1	18.6	28.4	8.8	61	23	4	10	0	10	28	0	1019	1271	5065	5893	0	0	0	0	1.84	0.98	0.96	24	4	3	0	11.0	10	24			
Hampton	41.4	20.9	31.2	9.8	65	23	7	10	0	8	25	0	940	1219	4639	5673	0	0	0	0	2.46	1.55	1.10	21	5	3	2	6.0	4	26	+		
Kanawha																				1.81	0.97	0.85	21	4	4	0	8.2	7	24				
Lake Mills																				1.89	1.10	1.03	24	4	3	1	11.0	10	25				
Mason City	39.5	20.0	29.8	9.6	62	23	5	10	0	9	27	0	979	1254	4821	5890	0	0	0	0	1.87	0.99	0.96	21	4	2	0	6.2	7	4	+		
Mason City Airport	39.0	20.5	29.8	9.1	60	22	4	9	0	9	24	0	979	1240	4915	5851	0	0	0	0	2.08	1.08	0.90	20	5	3	0	8.8	10	5	+		
Nashua 2 SW																				2.78		1.43	21	5	4	1	3.5	4	4	+			
Northwood	36.0	17.0	26.5	7.8	59	23	2	10	0	9	27	0	1073	1296		6089	0	0	0	0	1.54	0.73	0.93	21	5	2	0	8.0	9	2	+		
Osage	39.8	20.2	30.0	10.1	63	20	3	10	0	8	25	0	974	1261	4909	5874	0	0	0	0	2.52	1.47	1.12	21	4	3	2	6.0	7	4	+		
Saint Ansgar																				2.39		1.14	21	4	3	2	8.4	14	1				
Swea City 4 W	39.0	19.4	29.2	10.3	63	23	4	10	0	10	28	0	994	1289	5023	6052	0	0	0	0	1.19	0.57	0.53	24	4	3	0	7.0	4	26	+		
NORTHEAST DIVISION																																	
Cascade	44.7	23.7	34.2	11.3	73	23	11	10	0	5	23	0	853	1177	4298	5468	0	0	0	0	0.77	-0.56	0.39	24	5	3	0	0.7	1	25			
Cresco 1 NE	37.8	17.6	27.7	9.3	62	20	0	9	0	10	27	2	1039	1303		6109	0	0	0	0	2.14	1.15	1.16	21	6	4	1	6.2	6	10	+		
Decorah	42.4	21.8	32.1	9.2	62	22	4	4	0	6	23	0	915	1177	4613	5452	0	0	0	0	1.25	0.36	0.45	24	6	4	0	4.0	4	5	+		
Dubuque Lock & Dam 11	42.2	22.7	32.5	8.7	73	23	9	10	0	8	25	0	904	1155	4430	5179	0	0	0	0	0.77	-0.44	0.45	24	4	2	0	0.5	T	26			

FEBRUARY 2017		MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA																				IOWA CLIMATE REVIEW									
		TEMPERATURE (F)												PRECIPITATION (Inches)																	
										NUMBER OF DAYS				HEATING DEGREE DAYS				COOLING DEGREE DAYS								NUMBER OF DAYS			SNOWFALL (Inches)		
		AVG	AVG		DEP	EXT		EXT		MAX	MAX	MIN	MIN	FEB	FEB	16-17	NORM	FEB	FEB	2017	NORM		DEP	EXT						MAX	
STATION		MAX	MIN	MEAN	NORM	MAX	DAY	MIN	DAY	90+	32-	32-	0-	2017	NORM	SEAS	SEAS	2017	NORM	SEAS	SEAS	TOTAL	NORM	DAY	DAY	0.01+	0.10+	1.00+	TOTAL	GND	DAY
Dubuque Airport		43.6	24.2	33.9	10.2	71	22	8	9	0	6	22	0	864	1156	4481	5393	0	0	0	0	1.80	0.36	0.99	7	7	4	0	1.4	1	26 +
Elkader 6 SSW		42.3	20.3	31.3	9.7	70	23	4	4	0	7	26	0	938	1214	4754	5636	0	0	0	0	1.63	0.50	0.82	24	6	3	0	0.7	1	25 +
Fayette		40.0	21.0	30.5	10.0	67	23	6	10 +	0	9	26	0	958	1244	4773	5781	0	0	0	0	0.99	-0.11	0.39	24	4	4	0	0.7	5	4 +
Guttenberg L & D 10		43.3	23.9	33.6	9.0	73	22	9	9	0	7	23	0	873	1130	4304	5178	0	0	0	0	0.87	-0.25	0.47	24	5	3	0	1.0	1	25 +
Ionia 2 W																					2.53		1.24	21	5	4	1	4.0	5	2 +	
Manchester #2		43.1	21.0	32.1	10.4	71	23	8	10 +	0	9	26	0	913	1211	4686	5647	0	0	0	0	0.88	-0.28	0.52	24	3	2	0	0.3	T	26 +
New Hampton		37.9	19.7	28.8	9.2	61	23	4	10 +	0	9	26	0	1008	1271	4991	5979	0	0	0	0	2.17	1.05	1.17	21	5	3	1	2.2	7	4 +
Oelwein 1 E		40.9	22.6	31.8	11.1	69	23	6	10 +	0	8	22	0	925	1241	4656	5715	0	0	0	0	0.75	-0.45	0.37	21	5	2	0	0.9	2	5 +
Postville		39.0	20.0	29.5		66	23	3	4 +	0	9	24	0	986		4860		0		0		1.35	0.31	0.64	24	4	3	0	1.3	8	1
Stanley 3 WSW		40.8	21.6	31.2		69	23	7	10 +	0	9	24	0	940				0		0		0.95		0.45	24	3	3	0	1.0	2	6 +
Strawberry Point																					1.15		0.63	24	6	2	0	1.0	3	6 +	
Tripoli		41.0	21.8	31.4	10.3	68	23	6	10 +	0	8	25	0	931	1231	4708	5733	0	0	0	0	1.15	0.24	0.54	24	5	2	0	0.9	2	6 +
Waterloo Airport		44.3	22.9	33.6	10.2	69	22	8	9	0	5	24	0	873	1165	4462	5419	0	0	0	0	1.04	0.05	0.40	20	6	3	0	1.4	1	25
WEST CENTRAL DIVISION																															
Audubon		43.4	20.8	32.1	8.3	67	23	2	9	0	9	27	0	913	1155	4612	5428	0	0	0	0	1.14	0.15	0.45	24	6	4	0	4.1	2	26 +
Battle Creek 3 NE		43.3	20.1	31.7		68	22	3	9	0	8	26	0	929		4771		0		0		0.77		0.53	24	4	2	0	9.0	8	25
Carroll		44.0	22.1	33.1	9.5	70	23	5	10 +	0	7	24	0	888	1159	4502	5414	0	0	0	0	1.16	0.24	0.55	24	6	3	0	7.5	7	25
Castana Exp. Farm		43.5	22.9	33.2	9.0	70	22	2	9	0	8	21	0	883	1144	4495	5344	0	0	0	0	0.91	0.29	0.52	24	5	3	0	9.8	6	26 +
Denison		42.9	22.1	32.5	7.1	68	20	3	9	0	8	24	0	905	1110	4630	5111	0	0	0	0	1.29	0.51	0.56	24	6	4	0	8.5	5	25
Guthrie Center		45.3	22.0	33.7	8.9	71	18	4	9	0	6	25	0	871	1127	4390	5291	0	0	0	0	1.22	0.14	0.56	24	6	3	0	5.0	4	9
Holly Springs 1 NW																					0.56		0.30	24	5	2	0	12.6	8	25 +	
Holstein		41.9	22.3	32.1		66	21	5	9	0	9	22	0	915		4659		0		0		1.05	0.21	0.86	24	5	1	0	9.8	8	25 +
Little Sioux 2 NW		45.0	21.4	33.2		71	22	-3	9	0	8	26	1	881		4500		0		0		1.24		0.54	24	6	3	0	13.6	8	25
Logan		46.0	21.8	33.9	8.6	71	23	0	9	0	8	25	1	865	1111	4320	5190	0	0	0	0	1.16	0.35	0.66	24	5	3	0	7.0	4	10 +
Mapleton #2		43.7	20.1	31.9	8.1	69	22	3	9	0	8	26	0	919	1153	4682	5446	0	0	0	0	1.10	0.33	0.55	24	4	3	0	11.0	7	25
Rockwell City		42.8	22.6	32.7	10.5	70	23	8	10 +	0	8	22	0	897	1197	4507	5586	0	0	0	0	1.37	0.62	0.75	24	6	3	0	7.0	6	27 +
Sac City		41.9	21.9	31.9	10.0	68	23	7	10	0	9	24	0	919	1208	4742	5686	0	0	0	0	1.01	0.22	0.55	24	6	2	0	6.6	4	27 +
Sioux City Airport		46.6	23.6	35.1	10.0	73	21	4	9 +	0	7	22	0	829	1118	4238	5294	0	0	0	0	0.59	-0.08	0.35	23	6	1	0	12.8	9	26 +
CENTRAL DIVISION																															
Ames Airport		46.2	24.3	35.3	10.6	71	19	6	9	0	5	24	0	825	1130	4213	5285	0	0	0	0			0.98	20			0			
Ames 8 WSW		47.4	26.0	36.7	11.2	68	19	7	9	0	5	19	0	784	1106	4063	5092	0	0	0	0	1.28	0.45	0.71	20	6	2	0	3.0	2	24
Ames 5 SE		44.9	22.6	33.8	9.8	71	18	6	9	0	7	26	0	870	1148		5321	0	0	0	0	1.39	0.37	0.80	21	4	3	0	3.0	2	8
Ankeny		47.1	24.5	35.8	10.4	74	18	7	9	0	6	22	0	811	1109	4169	5081	0	0	0	0	0.72	-0.24	0.25	20	5	4	0	2.0	1	25 +
Boone		44.5	22.2	33.4	9.8	69	20	7	9	0	8	26	0	881	1160	4425	5391	0	0	0	0	1.59	0.42	0.57	24	6	5	0	5.2	3	25
Brooklyn																					0.40	-0.88	0.18	21	4	2	0	2.4	2	9 +	
Clutier																					0.87	-0.33	0.48	24	4	3	0	0.8	T	26 +	
Des Moines Airport		50.4	28.0	39.2	11.8	75	17	9	9	0	4	19	0	715	1051	3700	4831	0	0	0	0	0.77	-0.49	0.25	20	5	4	0	4.4	2	25 +
Des Moines Camp Dodge		48.4	26.5	37.5	11.3	74	17	6	9	0	5	19	0	763	1086	3955	5011	0	0	0	0	1.35	0.16	0.51	20	6	4	0	3.7	2	24 +
Eldora		42.3	21.5	31.9	9.5	69	18	6	10 +	0	8	26	0	917	1193	4608	5565	0	0	0	0	1.53	0.54	0.90	21	6	2	0	1.9	1	25 +
Fort Dodge 5 NNW		41.4	21.3	31.4	9.3	66	23	8	10 +	0	8	24	0	935	1201	4704	5587	0	0	0	0	1.95	1.03	0.75	21	7	4	0	9.5	9	26 +
Gilman																					0.65	-0.44	0.30	24	4	2	0	2.0	1	25 +	
Grinnell 3 SW		45.8	21.5	33.7	10.2	71	23	5	10	0	6	25	0	869	1160	4358	5390	0	0	0	0	0.71	-0.70	0.27	21	4	4	0	2.8	2	9 +
Grundy Center		43.0	22.2	32.6	10.4	70	18	7	10 +	0	8	25	0	897	1197	4516	5561	0	0	0	0	0.85	-0.10	0.44	21	3	2	0	0.5	T	26 +
Iowa Falls		41.4	21.0	31.2	9.4	66	23	6	10 +	0	8	25	0	941	1211	4667	5610	0	0	0	0	1.67	0.70	0.91	21	6	3	0	2.5	3	3 +
Marshalltown		45.0	22.3	33.7	10.7	73	18	8	10 +	0	8	27	0	870	1175	4339	5443	0	0	0	0	0.82	-0.19	0.40	24	5	2	0	1.4	1	25
Marshalltown Airport		45.8	23.2	34.5	11.3	71	22	6	9	0	6	24	0	849	1170	4328	5403	0	0	0	0							0			

FEBRUARY 2017				MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA																				IOWA CLIMATE REVIEW							
				TEMPERATURE (F)												PRECIPITATION (inches)															
				NUMBER OF DAYS				HEATING DEGREE DAYS				COOLING DEGREE DAYS								NUMBER OF DAYS				SNOWFALL (inches)							
				AVG	AVG	DEP	EXT	EXT	EXT	MAX	MAX	MIN	MIN	FEB	FEB	16-17	NORM	FEB	FEB	2017	NORM	DEP	EXT	EXT	EXT	0.01+	0.10+	1.00+	TOTAL	GND	DAY
STATION	MAX	MIN	MEAN	NORM	MAX	DAY	MIN	DAY	90+	32-	32-	0-	2017	NORM	SEAS	SEAS	2017	NORM	SEAS	SEAS	TOTAL	NORM	DAY	DAY	0.01+	0.10+	1.00+	TOTAL	GND	DAY	
EAST CENTRAL DIVISION																															
Montezuma 1 W																					0.40	-0.74	0.14	21	5	2	0	1.5	1	25 +	
Newton	45.9	23.5	34.7	10.6	72	18	7	10 +	0	6	20	0	840	1145	4240	5290	0	0	0	0	0.51	-0.53	0.27	21	4	2	0	2.2	2	9 +	
Perry	45.8	23.4	34.6	10.7	72	20	8	10 +	0	7	25	0	844	1149	4215	5308	0	0	0	0	1.24	0.44	0.43	24	5	5	0	3.1	2	8	
Toledo 3 N	44.4	21.5	33.0	10.1	72	23	5	10 +	0	8	26	0	890	1177	4479	5427	0	0	0	0	0.67	-0.32	0.33	24	4	2	0	1.5	1	25 +	
Webster City	42.3	21.0	31.7	9.5	68	23	7	10 +	0	8	27	0	926	1198	4646	5577	0	0	0	0	2.51	1.60	1.13	21	7	4	1	5.5	5	26 +	
Zearing																					1.25	0.41	0.66	21	5	3	0	3.0	2	25	
EAST CENTRAL DIVISION																															
Anamosa 3 SSW	45.5	23.9	34.7	11.6	74	23	10	10	0	5	23	0	843	1173	4298	5468	0	0	0	0	1.16	-0.20	0.34	24 +	6	4	0	1.7	1	25	
Belle Plaine	47.0	22.5	34.8	11.5	75	23	5	9	0	5	25	0	839	1167	4241	5400	0	0	0	0	0.35	-0.87	0.17	24	4	2	0	1.4	1	8	
Bellevue Lock & Dam 12	44.6	23.6	34.1	9.8	74	23	9	4	0	6	24	0	858	1141	4256	5212	0	0	0	0	1.50	0.11	0.93	24	5	2	0	0.5	T	26 +	
Cedar Rapids Airport	46.5	24.0	35.3	10.9	76	22	4	9	0	5	23	0	825	1135	4276	5283	0	0	0	0	0.62		0.27	7	7	2	0				
Cedar Rapids #1	49.3	25.1	37.2	10.4	76	22	9	9	0	4	22	0	773	1068	4038	4891	0	0	0	0	1.01	-0.21	0.37	24	8	3	0	1.3	T	25 +	
Clinton #1	48.6	27.1	37.9	10.8	73	22	11	4	0	5	21	0	754	1060	3931	4818	0	0	0	0	1.29	-0.20	0.63	28	7	4	0	1.0	T	28 +	
Coggon	43.4	21.5	32.5		73	23	8	10 +	0	9	26	0	905		4585		0		0		0.67		0.36	24	3	2	0	0.5	T	26 +	
Davenport Airport	47.9	25.6	36.8	10.7	72	22	6	9	0	5	22	0	784	1089	4057	5025	0	0	0	0	0.81		0.35	20	7	3	0	2.0	1	25 +	
De Witt																					1.24	-0.20	0.44	21	6	3	0	1.2	1	8	
Iowa City	48.0	22.9	35.5	7.8	76	23	7	9	0	5	24	0	821	1046	4164	4722	0	0	0	0	0.32	-0.97	0.09	21	6	0	0	1.5	1	25 +	
Iowa City Airport	49.7	25.5	37.6	11.3	77	22	7	9	0	5	23	0	759	1083	3931	4950	0	0	0	0	0.93		0.52	28	7	2	0				
Le Claire L & D 14	47.1	25.4	36.3	9.4	70	18	9	10	0	5	22	0	798	1068	3930	4786	0	0	0	0	0.61	-0.83	0.25	21	7	3	0				
Lowden	48.2	23.7	36.0	12.2	74	22	8	9	0	5	22	0	806	1152	4131	5310	0	0	0	0	1.13	-0.51	0.29	23	8	5	0	2.5	1	24 +	
Maquoketa 4 W	44.4	22.1	33.3	10.7	71	23	8	10 +	0	6	23	0	885	1187	4463	5520	0	0	0	0	0.98	-0.53	0.41	21	5	3	0	0.5	T	26 +	
Monticello																					0.97		0.50	24	5	3	0	0.6	1	25	
Muscatine	48.8	24.1	36.5	8.1	74	23	7	9	0	4	24	0	792	1025	4004	4638	0	0	0	0	0.64	-0.91	0.25	7	7	3	0	1.2	1	8	
Muscatine 2 N																					0.58		0.14	21	7	3	0	1.4	1	8	
Swisher																					0.70		0.25	7	6	3	0	1.1	1	25	
Vinton	43.3	20.6	32.0	7.1	72	23	6	9	0	8	27	0	919	1123	4656	5187	0	0	0	0	0.66	-0.48	0.32	24	4	2	0	0.5	T	26 +	
Williamsburg 1 E	46.7	22.8	34.8	10.8	77	23	4	10 +	0	5	23	0	838	1146	4252	5286	0	0	0	0	0.30	-0.97	0.11	21	6	1	0	2.4	2	8	
SOUTHWEST DIVISION																															
Atlantic 1 NE	47.0	22.5	34.8	9.3	71	23	3	9	0	5	26	0	841	1106	4220	5223	0	0	0	0	1.24	0.15	0.48	24	6	6	0	7.4	5	9	
Bedford	49.8	25.0	37.4	10.5	73	20	9	9	0	4	20	0	766	1067	3994	4905	0	0	0	0	0.73	-0.43	0.18	21	7	4	0	2.6	2	25	
Clarinda	49.5	23.3	36.4	10.2	72	18	10	9	0	3	25	0	794	1085	4122	5082	0	0	0	0	0.72	-0.33	0.34	20	4	2	0	0.5	T	25 +	
Glenwood	48.3	24.3	36.3	9.7	74	18	9	10	0	6	25	0	798	1075	4115	4943	0	0	0	0	0.69	-0.18	0.27	24	4	3	0	3.1	2	9	
Greenfield	46.3	24.6	35.5	7.7	71	18	2	9	0	7	22	0	822	1041	4251	4782	0	0	0	0	0.85	-0.18	0.24	24	6	4	0	4.8	4	9	
Hastings 4 NE																					0.55		0.25	20	4	2	0	1.0	1	10 +	
Massena																					0.77		0.36	20	6	3	0	4.4	2	25 +	
Oakland	45.7	24.1	34.9	9.0	71	18	4	9	0	8	21	0	834	1096	4237	5063	0	0	0	0	0.88	-0.19	0.39	20	6	2	0	4.6	3	9	
Randolph																					0.71	-0.20	0.30	24	4	3	0	1.0	1	9	
Red Oak	49.1	24.3	36.7	9.4	74	18	7	9	0	4	24	0	787	1056	3985	4881	0	0	0	0	0.73	-0.35	0.28	24	6	2	0	1.7	1	10 +	
Shenandoah	50.3	25.7	38.0	9.7	74	23	10	10 +	0	4	24	0	751	1026	3915	4727	0	0	0	0	0.70	-0.45	0.30	20	5	2	0	2.8	2	25	
Sidney 1 SSE	48.8	26.5	37.7	9.3	73	23	9	9	0	7	19	0	760	1026	4053	4717	0	0	0	0	0.48	-0.52	0.25	20	3	2	0	0.5	1	25	
Underwood																					1.11		0.57	24	5	3	0	5.3	4	9	
SOUTH CENTRAL DIVISION																															
Albia 3 NNE	49.4	25.5	37.5	10.9	76	23	6	10 +	0	4	19	0	766	1074	3982	4897	0	0	0	0	0.79	-0.61	0.31	28	7	4	0	4.4	3	9	
Allerton	49.8	25.4	37.6	10.5	76	23	6	10 +	0	4	20	0	761	1060	4022	4891	0	0	0	0	0.20	-1.28	0.07	21	5	0	0	1.0	1	9	
Beaconsfield	48.7	25.3	37.0	10.6	73	18	5	9	0	4	19	0	778	1081	4094	4983	0	0	0	0	0.34	-0.84	0.13	9	5	1	0	2.5	1	25	

FEBRUARY 2017				MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA																				PRECIPITATION (Inches)				IOWA CLIMATE REVIEW						
				TEMPERATURE (F)																														
								NUMBER OF DAYS				HEATING DEGREE DAYS				COOLING DEGREE DAYS								NUMBER OF DAYS				SNOWFALL (Inches)						
				AVG	AVG		DEP	EXT		EXT		MAX	MAX	MIN	MIN	FEB	FEB	16-17	NORM	FEB	FEB	2017	NORM		DEP	EXT					MAX			
STATION	MAX	MIN	MEAN	NORM	MAX	DAY	MIN	DAY	90+	32-	32-	0-	2017	NORM	SEAS	SEAS	2017	NORM	SEAS	SEAS	TOTAL	NORM	DAY	DAY	0.01+	0.10+	1.00+	TOTAL	GND	DAY				
Centerville	50.9	24.1	37.5	9.7	77	23	7	10	+	0	4	23	0	763	1042	3973	4756	0	0	0	0	0	0.34	-0.81	0.16	21	4	1	0	2.1	2	9		
Chariton 1 E	49.6	22.9	36.3	10.7	75	23	3	10		0	4	22	0	795	1103	4152	5088	0	0	0	0	0	0.39	-0.88	0.13	9	5	2	0	4.0	3	9		
Creston 2 SW	47.4	23.8	35.6	10.4	71	18	7	9		0	6	23	0	817	1114	4184	5125	0	0	0	0	0	0.47	-0.47	0.15	20	6	2	0	2.0	1	10	+	
Indianola 4 W	49.0	24.2	36.6	10.5	75	18	4	10	+	0	4	24	0	789	1088	4015	5018	0	0	0	0	0	0.68	-0.46	0.25	8	5	2	0	7.1	4	9		
Knoxville	48.2	26.0	37.1	10.5	74	23	6	9		0	4	19	0	773	1074	4012	4906	0	0	0	0	0	0.55	-0.67	0.15	25	7	4	0	3.5	2	9	+	
Lamoni	50.2	26.3	38.3	10.7	76	23	8	9		0	4	19	0	741	1046	3850	4784	0	0	0	0	0	0.21	-1.26	0.06	24	+	4	0	0	1.4	1	10	+
Lamoni Airport	51.9	28.1	40.0	11.6	75	22	8	9	+	0	4	18	0	693	1025	3746	4717	0	0	0	0	0	0.26		0.10	20	4	1	0					
Lorimor																						0.60	-0.70	0.14	8	6	4	0	5.6	3	9			
Mount Ayr	48.5	24.4	36.5	9.9	72	23	6	9		0	5	22	0	793	1076	4156	4976	0	0	0	0	0	0.41	-0.58	0.16	21	5	2	0	1.2	1	25	+	
Osceola	49.7	23.7	36.7	10.8	74	23	6	9		0	4	24	0	784	1095	4071	5007	0	0	0	0	0	0.32	-0.82	0.08	24	+	7	0	0	3.8	2	9	
Pella 1 S																						0.50	-0.50	0.16	21	5	3	0	2.3	2	10	+		
Rathbun Dam	49.9	25.5	37.7	10.7	76	23	7	9		0	4	19	0	757	1064	3959	4811	0	0	0	0	0	0.32	-0.97	0.17	21	6	1	0	1.8	2	9		
Winterset 1 S	48.7	24.8	36.8	11.7	73	18	7	9		0	4	20	0	784	1117	4030	5141	0	0	0	0	0	0.70	-0.42	0.21	25	6	5	0	4.3	2	25	+	
SOUTHEAST DIVISION																																		
Bloomfield 1 WNW															1049		4751		0		0	0.36	-1.06	0.20	28		5	1	0	2.0	2	9		
Burlington Airport	51.7	29.3	40.5	10.4	74	20	9	9		0	4	18	0	677	977	3694	4378	0	0	0	0	0	0.50	-1.12	0.16	8	5	3	0	3.2	2	9		
Donnellson	51.4	27.7	39.6		74	23	9	10	+	0	4	20	0	709		3741		0		0			0.24	-1.44	0.13	21	4	1	0	2.2	2	9		
Fairfield	48.8	26.6	37.7	8.4	75	23	8	10	+	0	4	19	0	759	1000	3928	4554	0	0	0	0	0	0.29	-1.25	0.11	9	5	1	0	1.6	1	9		
Fort Madison	50.9	29.5	40.2	10.1	71	19	10	9		0	3	18	0	685	977	3615	4365	0	0	0	0	0	0.44	-1.35	0.24	20	5	1	0	1.0	1	9	+	
Keokuk Lock & Dam 19	50.5	29.0	39.8	10.2	74	21	12	10	+	0	4	19	0	701	990	3643	4422	0	0	0	0	0	0.34	-1.29	0.18	21	5	2	0	1.0	1	10	+	
Keosauqua	50.5	26.3	38.4		76	23	6	9		0	4	22	0	738	997		4566	0	0	0	0	0	0.45	-1.32	0.25	24	5	2	0	2.3	2	9		
Mount Pleasant 1 SSW	49.5	24.6	37.1	8.0	74	23	7	10	+	0	4	23	0	774	1005	4062	4551	0	0	0	0	0	0.41	-1.20	0.10	24	+	6	3	0	2.7			
Oskaloosa	48.4	24.4	36.4	11.2	76	23	4	10		0	4	22	0	793	1114		5091	0	0	0	0	0	0.65	-1.04	0.20	21	7	3	0	3.3	2	9		
Ottumwa Airport	51.2	27.0	39.1	12.0	79	22	7	9		0	4	21	0	719	1063	3807	4885	0	0	0	0	0	0.44	-0.84	0.16	28	7	1	0	2.6	2	9		
Salem 1 S																						0.47		0.19	24	6	3	0	2.6	1	25	+		
Sigourney	48.4	24.2	36.3	10.7	77	23	6	10		0	4	20	0	797	1102		5049	0	0	0	0	0	0.48	-0.78	0.15	21	6	3	0	3.0	2	10	+	
Washington	49.2	22.9	36.1	10.7	76	23	6	10	+	0	4	23	0	806	1107	4093	5058	0	0	0	0	0	0.28	-0.99	0.07	25	+	7	0	0	1.9	2	9	
SUPPLEMENTAL STATIONS																																		
Moline Airport	50.6	26.7	38.7	11.7	74	19	10	4		0	4	22	0	731	1064	3803	4798	0	0	0	0	0	0.91	-0.69	0.25	28	7	4	0	2.3	1	9	+	
Omaha Eppeley AP	49.9	25.5	37.7	9.6	75	22	6	8		0	4	22	0	756	1033	3827	4798	0	0	0	0	0	1.04	0.19	0.50	23	5	4	0	5.2	3	25		
Sioux Falls WFO AP	41.9	21.6	31.8	10.3	68	21	4	3		0	9	25	0	925	1218	4808	5850	0	0	0	0	0	0.49	-0.11	0.23	23	3	3	0	5.1	4	24		
DIVISIONAL AND STATE AVERAGES																																		
Northwest	40.7	21.0	30.9	9.6	72	22	3	9	+	0	9	24	0	949	1223	4833	5766	0	0	0	0	0	0.97	0.33	1.22	24	5	3	0	7.6	12	25		
North Central	39.4	20.4	29.9	9.5	67	23	2	10	+	0	9	25	0	976	1248	4838	5830	0	0	0	0	0	2.03	1.17	1.43	21	4	3	1	8.1	14	1		
Northeast	41.6	21.7	31.7	9.9	73	23	0	9	+	0	8	24	0	928	1208	4617	5598	0	0	0	0	0	1.31	0.21	1.24	21	5	3	0	1.7	8	1		
West Central	43.9	21.8	32.9	9.0	73	21	-3	9		0	8	24	0	893	1151	4542	5379	0	0	0	0	0	1.04	0.22	0.86	24	5	3	0	8.9	9	26	+	
Central	45.1	23.1	34.1	10.3	75	17	5	10	+	0	7	24	0	857	1155	4331	5347	0	0	0	0	0	1.10	0.08	1.13	21	5	3	0	2.9	9	26	+	
East Central	46.8	23.8	35.3	10.1	77	23	4	10	+	0	5	23	0	825	1113	4201	5104	0	0	0	0	0	0.82	-0.52	0.93	24	6	3	0	1.3	2	8		
Southwest	48.3	24.5	36.4	9.5	74	23	2	9		0	5	23	0	795	1066	4099	4931	0	0	0	0	0	0.78	-0.26	0.57	24	5	3	0	3.1	5	9		
South Central	49.4	25.0	37.2	10.6	77	23	3	10		0	4	21	0	771	1075	4018	4938	0	0	0	0	0	0.44	-0.80	0.31	28	5	2	0	3.1	4	9		
Southeast	50.0	26.5	38.3	10.4	79	22	4	10		0	4	20	0	742	1038	3823	4716	0	0	0	0	0	0.41	-1.15	0.25	24	6	2	0	2.3	2	10	+	
State	44.7	22.9	33.8	9.8	79	22	-3	9		0	7	23	0	866	1148	4394	5322	0	0	0	0	0	1.01	-0.04	1.43	21	5	3	0	4.5	14	1		

FEBRUARY 2017				DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																									IOWA CLIMATE REVIEW						
STATION	OBS TIME		1	2	3	4	5	6	7	8	9	10	11	12	13	14	DAY OF MONTH				18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVG
NORTHWEST DIVISION																																			
Cherokee	8	MAX	38	25	20	24	41	28	45	27	16	29	50	44	41	49	44	44	61	62	62	65	57	68	66	35	24	27	35	41				41.7	
		MIN	25	9	6	6	16	21	27	7	7	7	29	30	23	27	22	23	26	25	26	33	27	30	32	20	11	9	11	14				19.6	
Emmetsburg	8	MAX	35	22	21	23	37	27	41	27	17	26	46	41	41	45	45	39	56	62	59	64	56	65	67	35	24	26	33	39				40.0	
		MIN	21	10	7	8	17	18	24	6	6	6	25	31	27	29	21	24	27	33	31	39	34	36	31	21	10	14	14	18				21.0	
Estherville Airport	24	MAX	31	20	20	34	27	39	35	17	21	47	41	40	44	44	37	52	57	57	62	55	64	62	35	26	24	33	37	39				39.3	
		MIN	11	10	7	11	16	20	10	4	5	18	34	30	27	27	21	28	33	31	31	38	32	34	26	16	10	11	13	28				20.8	
Estherville 4 E	7	MAX	34	20	19	22	35	26	41	26	16	22	49	40	40	44	44	38	54	57	57	62	55	64	62	34	23	24	33	37				38.5	
		MIN	20	11	6	9	17	16	20	5	4	5	20	29	26	29	20	21	28	34	31	31	32	35	30	22	11	10	13	13				19.6	
Hawarden	7	MAX	38	26	22	26	38	27	45	24	18	28	51	39	47	47	44	45	60	59	59	63	58	72	65	34	27	27	37	44				41.8	
		MIN	24	10	5	4	12	12	24	9	7	7	27	30	27	27	22	22	28	27	27	39	29	32	32	22	10	11	11	14				19.7	
Le Mars	7	MAX	38	26	22	24	40	29	44	26	18	28	53	43	43	50	45	44	62	62	64	64	58	70	66	34	26	28	37	44				42.4	
		MIN	25	9	7	6	13	14	26	8	6	7	27	29	27	28	23	23	30	28	28	39	30	32	33	22	11	12	14	20				20.6	
Pocahontas	8	MAX	35	25	19	23	38	30	42	29	16	24	49	44	41	48	44	40	57	63	61	64	56	64	67	36	22	26	32	39				40.5	
		MIN	25	9	8	8	18	18	24	7	7	7	24	31	27	30	23	24	30	36	32	36	32	36	34	21	10	9	9	18				21.2	
Primghar	16	MAX	34	19	20	37	35	43	41	21	21	45	45	39	45	44	42	55	58	59	64	62	65	65	61	31	26	34	42	41				42.6	
		MIN	18	7	4	14	15	21	20	5	4	16	38	29	31	28	23	31	39	34	40	49	36	39	30	20	10	16	21	31				23.9	
Rock Rapids	8	MAX	35	23	20	25	37	29	40	24	17	26	54	40	42	45	44	43	58	59	61	65	56	68	63	32	26	29	37	45				40.8	
		MIN	23	10	6	6	16	17	22	6	5	5	26	30	26	28	22	22	27	28	33	39	30	32	31	21	12	12	15	22				20.4	
Sanborn	8	MAX	36	21	19	21	35	27	41	24	16	27	44	40	40	43	43	40	55	57	58	63	56	65	62	32	24	26	34	41				38.9	
		MIN	21	7	4	4	15	15	24	5	4	4	26	29	28	27	22	22	31	32	34	40	34	36	30	19	11	11	17	22				20.5	
Sheldon	7	MAX	36	25	20	22	37	29	41	27	17	27	48	40	41	44	43	43	57	58	61	64	56	66	63	33	25	28	35	42				40.3	
		MIN	24	9	4	3	14	14	24	6	4	4	26	29	28	27	22	22	29	32	30	40	27	32	31	22	10	12	11	19				19.8	
Sibley	7	MAX	33	22	18	23	34	26	40	24	16	25	49	40	40	43	43	39	54	57	59	63	56	65	61	30	24	27	33	43				38.8	
		MIN	22	8	5	4	14	15	23	4	3	4	25	28	25	29	22	21	28	30	33	36	30	31	29	20	9	9	16	20				19.4	
Sioux Center 2 SE	16	MAX	36	22	21	38	37	42	40	21	21	51	47	40	46	45	44	57	59	60	62	60	67	67	62	33	29	35	42	42				43.8	
		MIN	19	9	4	11	14	19	20	6	6	15	34	29	27	29	24	28	34	36	34	49	30	34	31	20	10	13	18	30				22.6	
Sioux Rapids 4 E	22	MAX	31	21	21	37	30	42	37	18	21	49	41	41	47	44	40	56	60	59	62	56	64	67	38	30	24	31	38	41				40.9	
		MIN	12	9	6	12	16	21	13	7	5	17	36	30	28	29	22	30	33	33	35	43	31	37	30	17	9	14	14	30				22.1	
Spencer Airport	24	MAX	31	21	20	37	28	43	36	19	22	45	41	41	45	45	40	56	59	59	64	57	66	67	36	28	27	33	39	42				41.0	
		MIN	12	10	7	14	17	19	12	6	5	19	34	30	30	29	21	27	31	30	30	36	32	31	28	17	8	11	14	28				21.0	
Spencer 1 N	24	MAX	30	20	21	37	29	43	36	17	22	46	39	40	46	44	40	55	59	60	60	57	65	65	35	27	26	34	43	40				40.6	
		MIN	11	9	7	16	16	16	11	5	5	18	34	29	29	28	21	27	29	34	32	39	30	33	26	17	10	15	11	28				20.9	
Spirit Lake 4 W	24	MAX	30	20	21	35	26	41	33	19	22	49	41	41	44	44	39	55	58	59	60	56	64	63	34	26	26	36	42	42				40.2	
		MIN	10	9	5	15	16	21	10	3	4	19	36	30	31	27	20	29	36	33	39	40	33	34	26	18	11	16	21	31				22.3	
Storm Lake	8	MAX	37	25	19	21	39	29	46	28	15	31	50	44	42	49	44	42	59	62	59	64	55	63	66	34	23	26	33	41				40.9	
		MIN	25	9	8	7	15	17	23	6	6	8	31	31	27	28	23	23	33	35	35	38	35	35	32	21	10	10	17	23				21.8	
NORTH CENTRAL DIVISION																																			
Algona 3 W	6	MAX	35	26	24	24	37	27	40	31	16	24	45	41	40	45	44	37	51	60	57	63	55	63	65	37	25	25	32	39				39.6	
		MIN	26	10	8	8	21	17	20	8	6	6	21	31	27	28	22	22	29	32	37	37	32	32	34	25	10	10	10	12				20.8	

FEBRUARY 2017			DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																												IOWA CLIMATE REVIEW			
STATION	OBS TIME		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVG
Allison	7	MAX MIN	36 28	28 11	21 8	23 19	37 20	31 20	45 20	36 13	16 8	22 7	44 19	41 35	39 26	45 26	43 25	35 23	45 28	63 32	56 30	63 33	55 33	59 33	63 35	44 29	30 14	28 13	35 22	46 23				40.3 22.6
Britt	7	MAX MIN	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M			M M
Charles City	22	MAX MIN	32 14	17 9	21 7	35 7	30 18	41 17	38 17	17 9	19 5	42 17	42 33	37 27	45 22	42 30	34 22	42 25	60 29	55 30	61 27	55 47	58 29	61 34	42 32	33 20	24 12	33 20	44 16	42 36				39.4 21.8
Clarion	7	MAX MIN	34 27	27 10	19 10	23 8	39 19	27 20	42 20	34 10	17 7	22 6	47 20	43 32	41 27	46 27	44 24	37 23	51 29	64 32	58 34	64 38	56 33	62 32	66 35	39 28	28 11	25 11	32 18	41 17				40.3 21.7
Dakota City	8	MAX MIN	35 27	27 10	20 8	24 7	39 18	28 18	45 23	32 8	17 8	24 7	49 24	44 31	40 27	48 28	44 23	38 23	55 29	64 35	57 30	65 38	56 29	63 30	67 35	37 23	24 11	25 9	33 10	43 13				40.8 20.8
Forest City 2 NNE	7	MAX MIN	34 21	21 10	21 6	22 6	37 17	26 17	40 20	31 7	14 4	21 4	46 20	40 30	38 27	45 27	42 21	36 21	43 28	61 28	55 28	60 30	55 29	61 32	61 32	37 27	25 10	25 8	31 5	39 5				38.1 18.6
Hampton	7	MAX MIN	37 26	26 11	22 8	22 7	39 20	30 15	45 15	35 12	19 7	22 7	46 22	44 33	43 29	46 30	46 23	38 23	47 28	65 38	61 27	65 27	57 31	62 31	65 36	41 28	29 12	28 12	33 13	46 13				41.4 20.9
Mason City	7	MAX MIN	37 26	26 10	19 8	24 7	38 20	28 17	40 19	36 11	17 5	21 5	45 20	42 31	41 24	46 28	46 23	36 21	41 28	61 28	58 28	60 28	55 30	60 30	62 34	40 27	28 11	24 11	32 15	42 14				39.5 20.0
Mason City Airport	24	MAX MIN	31 12	19 8	21 5	36 7	30 18	38 17	36 13	16 8	21 4	43 18	41 34	39 27	44 25	44 27	35 21	41 29	60 29	59 30	59 27	55 40	59 26	60 33	40 32	32 16	23 11	30 14	40 8	41 34				39.0 20.5
Northwood	7	MAX MIN	34 18	18 8	17 5	20 2	34 17	24 11	36 16	33 6	13 2	18 2	41 18	40 29	37 20	42 20	40 19	33 19	39 27	58 28	53 27	56 28	53 29	57 29	59 33	38 25	25 9	24 10	29 8	37 10				36.0 17.0
Osage	7	MAX MIN	39 21	22 7	21 5	24 5	36 21	26 18	44 20	35 9	18 3	22 3	43 20	44 31	40 24	45 26	43 21	35 21	43 30	59 34	56 30	63 38	55 31	60 31	62 36	42 28	30 10	25 10	35 15	46 18				39.8 20.2
Swea City 4 W	7	MAX MIN	34 21	22 10	23 7	22 7	36 17	26 17	39 20	27 5	19 4	23 4	49 22	40 30	39 29	46 29	46 20	37 20	51 28	60 32	56 32	62 32	55 26	62 32	63 32	35 24	24 10	25 10	32 11	39 12				39.0 19.4
NORTHEAST DIVISION																																		
Cascade	7	MAX MIN	39 30	33 14	22 14	26 12	33 22	35 20	51 20	40 23	24 12	26 11	49 22	50 34	41 22	48 22	46 25	37 24	45 27	69 28	64 28	68 28	60 36	64 35	73 40	46 33	30 18	46 17	53 23				44.7 23.7	
Cresco 1 NE	7	MAX MIN	37 19	20 2	18 0	19 1	32 18	28 10	39 13	33 10	16 0	22 3	40 22	42 32	37 20	43 25	40 17	32 18	41 24	57 26	52 24	62 30	54 28	59 30	60 35	42 27	28 8	26 10	35 16	45 24				37.8 17.6
Decorah	16	MAX MIN	35 18	18 7	20 5	34 4	31 21	41 15	40 26	27 12	18 5	43 16	44 32	41 33	46 19	44 26	41 22	39 22	60 25	60 26	61 24	60 42	59 30	62 34	61 37	43 28	28 14	37 17	47 15	46 35				42.4 21.8
Dubuque Lock & Dam 11	6	MAX MIN	38 28	31 12	18 11	24 11	31 17	33 19	46 19	40 19	25 10	21 9	45 21	43 30	39 25	47 25	45 25	34 23	40 25	63 26	62 29	64 28	57 37	61 36	73 38	44 32	29 18	46 16	50 23				42.2 22.7	
Dubuque Airport	24	MAX MIN	33 15	19 11	24 10	31 9	34 19	48 19	40 25	25 12	22 8	46 17	46 35	40 27	45 21	45 29	37 23	40 22	65 28	64 32	64 31	59 46	61 38	71 42	48 34	26 22	43 15	50 23	61 22				43.6 24.2	
Elkader 6 SSW	7	MAX MIN	38 25	29 10	18 10	22 4	33 20	33 14	47 17	38 19	19 8	22 8	47 22	45 35	39 19	48 19	44 23	35 21	43 24	65 25	63 24	64 24	57 31	62 30	70 40	47 31	31 15	43 15	52 17				42.3 20.3	
Fayette	7	MAX MIN	36 25	26 8	17 7	20 6	32 18	28 15	44 19	35 15	16 6	20 6	45 20	43 33	36 24	47 25	42 22	33 22	42 27	62 31	57 29	63 32	55 32	60 31	67 38	45 30	28 13	41 13	49 20				40.0 21.0	

FEBRUARY 2017				DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																										IOWA CLIMATE REVIEW						
STATION	OBS TIME		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVG		
			DAY OF MONTH																																	
Guttenberg L & D 10	24	MAX	35	19	24	32	32	44	38	26	23	49	40	39	49	45	36	41	66	61	63	59	63	73	50	36	27	45	51	47				43.3		
		MIN	14	11	10	11	22	19	26	13	9	20	31	27	22	31	24	24	28	31	29	40	35	36	36	22	16	23	23	36				23.9		
Manchester #2	7	MAX	38	29	19	24	32	32	51	39	21	23	49	46	39	48	44	35	45	69	61	67	59	60	71	44	32	31	46	53				43.1		
		MIN	27	11	11	9	17	19	20	18	8	8	20	33	19	21	23	21	24	27	24	32	30	30	39	31	14	16	18	18				21.0		
New Hampton	8	MAX	35	26	16	19	33	25	39	33	13	20	41	41	36	44	41	32	41	61	54	59	54	58	61	44	28	28	33	46				37.9		
		MIN	24	8	6	5	19	15	18	11	4	4	20	32	23	23	20	20	27	31	30	37	29	29	35	28	12	11	11	20				19.7		
Oelwein 1 E	7	MAX	37	27	17	21	33	29	43	36	17	22	46	42	38	46	43	35	45	65	58	63	56	61	69	45	31	28	42	50				40.9		
		MIN	26	9	8	8	19	19	22	15	6	6	20	34	24	25	23	23	29	32	35	39	33	33	38	31	13	13	22	28				22.6		
Postville	7	MAX	36	25	15	18	33	30	39	36	17	20	42	42	35	44	39	31	39	60	57	61	55	61	66	45	30	29	38	48				39.0		
		MIN	21	3	3	3	16	15	20	15	4	4	20	33	24	24	17	20	27	30	30	33	33	32	38	30	15	12	17	22				20.0		
Stanley 3 WSW	4	MAX	36	29	18	21	32	28	47	35	17	23	48	42	39	47	43	34	44	64	57	62	55	60	69	43	32	25	42	50				40.8		
		MIN	29	11	9	7	18	17	20	17	9	7	18	33	23	23	24	22	26	30	28	34	36	30	38	30	13	14	20	20				21.6		
Tripoli	7	MAX	37	27	18	23	35	29	46	35	17	22	46	42	38	47	42	34	45	66	57	63	55	62	68	46	31	28	40	50				41.0		
		MIN	26	8	8	7	19	18	22	14	6	6	21	34	26	26	23	23	28	33	30	32	30	30	37	31	13	13	23	24				21.8		
Waterloo Airport	24	MAX	34	20	25	37	33	51	40	20	24	51	45	41	49	45	37	49	69	60	67	56	62	69	46	35	27	40	51	58				44.3		
		MIN	17	13	11	12	21	19	20	13	8	18	30	23	21	30	23	24	27	28	25	48	27	39	35	22	15	20	19	34				22.9		
WEST CENTRAL DIVISION																																				
Audubon	8	MAX	37	29	22	27	44	31	48	32	14	28	50	47	44	48	47	44	59	67	64	65	57	63	67	37	28	29	38	50				43.4		
		MIN	27	12	12	13	16	16	25	11	2	6	28	32	21	27	22	22	28	28	28	30	26	27	33	28	13	14	17	17				20.8		
Battle Creek 3 NE	8	MAX	37	26	21	27	42	33	47	29	15	30	56	47	43	49	45	47	64	64	64	66	58	68	66	35	23	29	35	45				43.3		
		MIN	26	11	9	9	15	17	29	9	3	8	30	30	22	27	22	23	28	26	28	35	26	31	34	21	12	13	9	9				20.1		
Carroll	7	MAX	39	28	23	28	42	34	46	33	15	30	53	45	45	48	48	45	62	67	63	68	58	65	70	37	27	27	37	49				44.0		
		MIN	27	12	12	11	18	18	31	10	5	5	30	33	23	29	22	21	34	30	31	34	30	32	34	26	14	14	16	16				22.1		
Castana Exp. Farm	8	MAX	37	30	22	27	43	34	48	22	14	31	53	47	45	50	47	46	62	65	65	66	59	70	67	35	24	28	36	46				43.5		
		MIN	26	12	10	10	14	14	22	9	2	8	31	30	26	31	24	24	37	38	37	40	37	38	33	21	13	13	20	22				22.9		
Denison	7	MAX	36	30	21	26	44	34	45	31	13	29	51	45	45	49	46	45	62	65	64	68	56	64	66	34	24	26	36	46				42.9		
		MIN	26	11	11	10	15	14	29	8	3	4	28	30	28	28	22	21	31	35	36	40	34	32	32	24	12	12	21	22				22.1		
Guthrie Center	8	MAX	38	31	24	27	44	33	51	35	15	37	52	49	45	47	48	43	61	71	64	69	60	65	69	41	28	32	40	50				45.3		
		MIN	29	13	14	13	22	20	23	11	4	8	29	33	19	28	22	26	28	27	26	29	28	35	36	28	14	17	17	17				22.0		
Holstein	22	MAX	30	19	23	39	31	45	37	16	19	50	44	41	48	44	43	60	62	61	65	57	66	65	40	29	24	31	44	40				41.9		
		MIN	12	8	7	14	14	23	15	7	5	17	34	28	25	28	22	29	35	33	39	40	32	39	28	18	8	14	18	31				22.3		
Little Sioux 2 NW	7	MAX	39	31	25	27	43	32	50	36	16	26	50	53	45	50	48	47	63	67	63	69	61	71	69	40	27	28	36	47				45.0		
		MIN	28	14	14	16	17	17	25	12	-3	7	24	31	23	24	25	26	30	28	28	43	30	30	36	25	8	8	15	18				21.4		
Logan	8	MAX	41	32	26	29	46	36	48	31	17	29	53	51	48	50	49	48	63	70	66	69	60	69	71	36	26	31	40	53				46.0		
		MIN	29	14	15	17	18	19	24	13	0	10	28	37	21	26	23	24	28	27	28	33	24	27	35	26	11	14	19	20				21.8		
Mapleton #2	7	MAX	38	30	24	27	42	35	46	30	16	29	50	48	45	50	48	46	61	64	63	66	59	69	68	35	24	29	35	47				43.7		
		MIN	27	12	12	11	15	14	28	9	3	5	29	31	24	23	22	20	28	27	26	39	25	25	34	21	13	11	14	15				20.1		
Rockwell City	7	MAX	37	27	22	26	42	30	44	33	18	22	52	45	44	49	47	43	62	65	61	67	61	66	70	37	26	26	34	41				42.8		
		MIN	27	12	11	10	20	20	25	9	8	8	22	32	27	30	23	23	27	34	34	34	39	42	35	26	11	11	15	18				22.6		

FEBRUARY 2017			DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																									IOWA CLIMATE REVIEW						
	OBS		DAY OF MONTH																															
STATION	TIME		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVG
Sac City	7	MAX	36	27	21	28	40	29	44	32	17	26	52	44	43	48	45	43	62	64	62	66	57	64	68	35	22	25	34	39				41.9
		MIN	27	11	10	10	18	20	20	9	8	7	26	31	26	28	24	23	29	37	31	45	30	44	34	22	12	12	10	9				21.9
Sioux City Airport	24	MAX	34	25	28	45	32	48	40	17	25	58	50	48	54	49	49	65	66	66	67	62	73	71	44	32	30	38	45	44				46.6
		MIN	17	15	13	22	17	25	16	4	4	25	36	27	26	33	26	29	33	30	35	39	30	34	32	21	12	13	15	31				23.6
CENTRAL DIVISION																																		
Ames Airport	24	MAX	34	24	27	43	33	54	42	19	22	52	50	45	47	48	41	57	71	63	71	59	64	67	44	36	30	39	53	59				46.2
		MIN	19	14	12	13	23	22	19	12	6	18	31	29	20	31	25	28	31	28	29	46	29	42	36	20	15	24	20	38				24.3
Ames 8 WSW	16	MAX	36	25	26	42	41	51	50	26	20	51	49	44	46	46	46	56	68	63	68	67	63	67	67	40	27	37	49	56				47.4
		MIN	23	12	12	17	22	23	26	11	7	15	36	33	25	31	24	28	34	34	36	49	32	43	36	23	12	22	25	38				26.0
Ames 5 SE	6	MAX	40	30	23	27	43	33	53	41	17	21	53	48	45	49	47	41	57	71	61	69	58	64	67	44	32	31	41	52				44.9
		MIN	30	13	13	13	23	23	23	14	6	7	21	34	23	23	25	25	28	31	28	30	32	30	36	31	15	14	21	20				22.6
Ankeny	8	MAX	42	32	23	28	43	34	56	39	17	27	57	53	46	51	49	42	62	74	64	72	60	67	73	44	31	33	45	54				47.1
		MIN	29	13	13	12	24	22	26	13	7	8	27	34	20	26	23	27	31	32	31	42	33	40	37	31	14	18	19	33				24.5
Boone	8	MAX	40	30	24	27	43	32	51	37	21	26	51	46	46	48	48	41	58	69	62	69	57	64	68	41	29	29	38	51				44.5
		MIN	27	12	11	11	23	23	27	11	7	8	26	32	21	25	22	23	28	27	28	37	30	31	36	29	11	12	19	25				22.2
Des Moines Airport	24	MAX	37	25	31	45	37	58	49	23	22	58	55	49	52	52	44	65	75	67	73	62	68	73	49	41	33	48	56	65				50.4
		MIN	22	15	17	17	26	27	23	14	9	20	33	31	24	29	25	32	40	35	40	51	36	47	39	22	17	29	26	39				28.0
Des Moines Camp Dodge	24	MAX	34	24	29	45	33	56	46	22	23	55	52	47	52	49	42	62	74	66	73	60	67	70	46	37	32	44	54	60				48.4
		MIN	18	13	14	19	24	26	21	10	6	18	33	29	24	28	23	29	44	33	38	47	38	46	37	20	15	28	24	37				26.5
Eldora	7	MAX	35	28	20	25	39	29	50	35	17	23	50	43	42	47	47	37	51	69	59	67	56	63	67	42	29	27	37	51				42.3
		MIN	28	11	10	10	21	19	22	12	6	6	21	33	23	25	23	23	27	30	30	32	30	30	36	29	12	12	20	22				21.5
Fort Dodge 5 NNW	7	MAX	36	25	20	23	41	27	45	33	17	28	50	44	41	48	44	39	57	64	58	66	56	63	66	37	27	26	33	45				41.4
		MIN	25	10	10	9	19	20	21	9	8	8	28	33	26	27	23	23	28	34	31	37	31	31	35	27	10	10	10	13				21.3
Grinnell 3 SW	7	MAX	40	32	23	29	40	34	54	41	19	22	54	53	46	48	47	41	56	71	64	70	60	63	71	45	33	29	46	52				45.8
		MIN	29	13	13	10	21	21	23	15	6	5	22	35	17	18	22	21	29	26	27	31	30	29	39	33	14	14	20	20				21.5
Grundy Center	8	MAX	37	28	20	26	40	29	52	36	18	24	52	44	41	49	45	37	50	70	59	67	55	63	68	44	31	28	40	52				43.0
		MIN	28	12	11	11	21	19	22	14	7	7	21	33	25	26	24	24	27	29	26	33	30	30	37	31	14	14	20	25				22.2
Iowa Falls	7	MAX	37	27	20	24	39	27	46	35	17	22	49	43	41	46	45	37	48	66	58	65	56	62	66	43	29	27	35	48				41.4
		MIN	27	10	10	9	19	19	22	11	6	6	21	33	24	25	23	22	28	28	29	33	30	30	34	29	12	12	18	19				21.0
Marshalltown	7	MAX	39	30	22	27	41	31	54	38	20	24	52	49	44	49	47	39	56	73	61	70	59	64	71	43	32	30	43	53				45.0
		MIN	30	13	13	13	22	22	24	15	8	8	24	31	21	23	23	24	28	28	26	32	29	29	38	32	15	15	19	19				22.3
Marshalltown Airport	24	MAX	33	23	27	41	32	53	41	19	22	52	49	44	49	47	39	55	71	62	69	58	63	71	43	36	28	42	53	61				45.8
		MIN	19	12	11	11	20	19	19	12	6	18	32	25	22	29	20	23	31	30	27	46	29	40	36	20	14	24	19	36				23.2
Newton	7	MAX	40	32	22	27	42	33	54	40	18	21	54	54	46	49	47	40	58	72	62	71	59	65	71	45	33	30	46	54				45.9
		MIN	29	13	13	13	23	23	23	15	7	7	21	34	23	23	23	23	25	37	33	33	35	35	38	33	15	15	23	23				23.5
Perry	7	MAX	41	31	23	28	45	33	54	38	18	26	54	49	46	48	48	42	60	72	63	72	59	66	70	42	31	31	41	52				45.8
		MIN	30	14	14	14	23	23	26	13	8	8	26	34	23	26	25	24	30	29	29	37	31	31	37	31	15	15	20	20				23.4
Toledo 3 N	7	MAX	37	29	21	26	39	32	53	38	18	22	53	50	44	49	46	38	52	71	62	69	59	63	72	44	32	28	44	53				44.4
		MIN	29	12	10	10	21	21	26	15	5	5	20	33	21	21	22	22	29	31	27	27	29	29	38	31	14	14	20	20				21.5

FEBRUARY 2017				DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																															IOWA CLIMATE REVIEW			
	OBS																	DAY OF MONTH																				
STATION	TIME		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVG				
Webster City	7	MAX	40	28	23	25	41	32	45	35	18	21	50	43	44	47	46	41	54	66	59	65	56	62	68	41	28	26	37	44			42.3					
		MIN	27	11	9	9	15	23	24	10	7	7	21	32	25	26	23	23	30	28	30	31	28	30	35	28	10	11	15	20			21.0					
EAST CENTRAL DIVISION																																						
Anamosa 3 SSW	6	MAX	40	34	24	28	33	37	52	40	25	25	50	51	44	48	47	39	49	70	64	67	60	63	74	45	34	30	48	53			45.5					
		MIN	30	14	13	11	21	21	24	21	11	10	20	36	23	22	25	23	27	29	27	29	42	39	41	33	16	16	22	24			23.9					
Belle Plaine	7	MAX	39	31	24	29	38	37	55	41	21	25	54	54	45	51	48	41	54	74	64	71	62	65	75	48	34	33	48	55			47.0					
		MIN	29	14	14	11	25	20	26	17	5	6	25	32	18	18	23	21	28	29	25	32	31	33	41	33	16	18	20	20			22.5					
Bellevue Lock & Dam 12	6	MAX	41	35	22	27	31	34	50	41	25	26	47	46	43	49	48	39	40	68	63	62	60	66	74	45	36	30	49	53			44.6					
		MIN	32	15	13	9	11	18	18	25	13	11	23	31	22	21	28	22	23	24	30	29	44	36	42	36	20	19	24	23			23.6					
Cedar Rapids Airport	24	MAX	33	23	27	34	35	52	40	22	21	50	52	44	48	47	39	51	71	63	70	61	64	76	45	37	28	48	54	67			46.5					
		MIN	19	11	11	13	20	20	22	11	4	17	32	25	21	27	23	22	29	31	28	50	33	43	37	22	15	25	21	41			24.0					
Cedar Rapids #1	17	MAX	35	23	29	33	37	54	48	28	26	51	51	45	50	49	43	51	72	65	69	64	66	76	69	42	33	49	55	67			49.3					
		MIN	23	13	12	10	24	19	28	18	9	17	31	35	19	29	23	22	26	30	26	46	34	41	39	30	16	23	19	41			25.1					
Clinton #1	18	MAX	36	25	29	33	37	55	46	32	24	47	52	44	48	49	44	45	69	65	68	68	66	73	65	43	32	49	55	63			48.6					
		MIN	25	13	13	11	24	21	32	22	12	17	31	36	21	29	24	22	27	34	28	47	44	40	40	32	19	24	25	45			27.1					
Coggon	6	MAX	38	30	20	25	32	32	51	38	21	24	50	48	41	48	45	36	47	68	60	66	59	61	73	44	32	29	45	53			43.4					
		MIN	28	12	12	10	20	19	20	18	8	8	22	32	20	19	23	21	26	29	25	26	33	32	38	32	15	15	19	19			21.5					
Davenport Airport	24	MAX	37	24	29	34	38	55	44	26	21	47	54	44	47	49	39	53	71	66	71	69	65	72	48	38	30	50	54	67			47.9					
		MIN	19	13	13	11	22	22	26	13	6	17	33	23	21	29	24	21	29	31	29	50	43	44	37	25	18	25	25	47			25.6					
Iowa City	7	MAX	41	36	24	29	35	38	57	42	24	25	54	55	46	50	51	41	55	74	65	72	64	67	76	47	36	32	51	56			48.0					
		MIN	29	14	9	10	18	20	23	21	7	8	25	31	19	19	26	21	26	27	26	26	38	36	42	35	18	18	18	30			22.9					
Iowa City Airport	24	MAX	36	24	30	37	38	58	44	25	23	55	57	47	50	52	42	54	74	67	72	64	67	77	52	39	32	52	56	68			49.7					
		MIN	21	14	13	13	22	21	25	15	7	18	31	27	21	27	25	22	28	30	29	48	40	38	39	25	19	26	26	45			25.5					
Le Claire L & D 14	6	MAX	43	39	25	30	34	39	53	42	25	23	48	53	45	47	51	40	51	70	68	68	69	69	69	46	38	32	49	52			47.1					
		MIN	32	15	14	15	20	20	27	23	11	9	22	32	25	25	25	25	28	30	33	33	33	33	42	38	20	19	32	31			25.4					
Lowden	24	MAX	37	25	30	33	38	56	42	26	24	51	52	45	50	50	40	50	73	68	71	64	68	74	47	36	30	50	55	65			48.2					
		MIN	18	10	9	9	20	20	26	13	8	17	33	22	20	29	20	20	26	30	26	45	36	42	36	23	16	25	23	42			23.7					
Maquoketa 4 W	7	MAX	40	33	22	26	31	35	52	39	24	24	48	50	41	47	46	38	44	69	65	66	61	64	71	45	34	30	46	51			44.4					
		MIN	27	12	12	8	15	18	18	23	9	8	20	34	21	21	22	20	21	26	27	27	41	37	39	33	17	16	22	25			22.1					
Muscatine	6	MAX	42	38	25	30	35	39	54	44	25	26	53	57	47	51	52	42	55	74	68	73	67	68	74	48	38	33	52	57			48.8					
		MIN	29	15	12	11	19	23	23	23	7	8	23	31	20	20	26	21	26	28	28	28	45	41	42	38	18	18	24	29			24.1					
Vinton	7	MAX	38	29	21	26	34	32	51	37	19	22	50	48	42	48	45	37	48	69	61	66	56	62	72	43	32	28	45	51			43.3					
		MIN	27	11	11	9	20	20	23	15	6	7	20	31	18	18	22	21	26	29	24	25	31	30	38	30	14	15	18	18			20.6					
Williamsburg 1 E	7	MAX	40	38	22	28	37	35	55	40	21	22	54	53	45	48	48	40	55	72	63	71	62	66	77	47	34	30	49	55			46.7					
		MIN	29	13	13	12	19	22	23	17	4	4	22	34	20	20	25	23	28	29	26	27	37	35	40	33	16	17	24	27			22.8					
SOUTHWEST DIVISION																																						
Atlantic 1 NE	7	MAX	40	33	24	30	47	35	48	34	18	32	56	54	47	49	49	47	64	71	67	71	60	66	71	43	30	33	43	54			47.0					
		MIN	30	14	15	16	20	19	30	13	3	8	30	34	21	23	25	25	29	25	25	32	29	30	36	30	16	16	18	18			22.5					

FEBRUARY 2017			DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																												IOWA CLIMATE REVIEW			
STATION	OBS TIME		DAY OF MONTH																															
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVG
Bedford	7	MAX	41	34	26	31	47	37	55	39	19	31	65	61	46	51	52	47	67	73	68	73	61	67	72	52	33	36	51	59				49.8
		MIN	31	14	15	18	22	22	26	15	9	10	29	34	22	23	23	24	36	27	36	40	35	36	38	33	15	15	25	27				25.0
Clarinda	6	MAX	41	34	26	31	49	37	54	40	19	34	64	60	49	50	51	48	67	72	67	69	60	66	69	54	34	35	49	56				49.5
		MIN	32	17	16	16	21	22	21	18	10	12	29	31	18	22	24	24	27	26	30	33	30	30	36	34	17	20	18	18				23.3
Glenwood	6	MAX	42	32	25	30	49	34	46	39	20	32	61	54	49	51	51	50	68	74	65	70	59	69	73	43	31	35	45	54				48.3
		MIN	32	17	16	18	24	21	23	13	10	9	31	33	23	25	28	25	32	30	29	36	32	31	38	31	17	16	20	19				24.3
Greenfield	8	MAX	40	32	22	29	45	34	53	34	17	30	57	52	50	47	50	44	62	71	66	69	59	65	69	42	28	32	44	52				46.3
		MIN	28	12	14	15	19	20	30	11	2	8	30	32	25	26	23	25	34	31	38	44	34	41	34	28	14	17	24	30				24.6
Oakland	7	MAX	42	32	23	28	46	33	47	31	15	30	56	51	46	50	48	47	63	71	64	68	58	66	70	42	28	31	42	52				45.7
		MIN	29	14	14	16	20	18	27	12	4	7	30	34	27	27	25	24	33	33	33	42	31	36	35	28	15	15	23	24				24.1
Red Oak	7	MAX	43	33	26	31	50	38	52	33	15	34	62	57	50	51	52	50	67	74	67	71	61	67	73	48	31	35	48	56				49.1
		MIN	32	17	17	19	22	22	26	15	7	11	32	34	21	25	27	26	34	28	28	36	31	31	38	31	15	15	20	20				24.3
Shenandoah	8	MAX	42	34	27	32	51	38	51	33	21	36	65	61	52	51	53	50	70	74	69	71	61	68	74	50	31	35	50	57				50.3
		MIN	31	17	17	20	22	22	29	15	10	10	31	33	22	28	25	26	39	29	32	48	31	32	38	30	16	17	21	29				25.7
Sidney 1 SSE	7	MAX	44	31	25	30	49	35	46	31	20	34	66	59	48	48	51	51	70	73	68	71	59	68	73	48	31	32	48	56				48.8
		MIN	29	16	16	18	21	21	30	15	9	12	34	34	30	29	26	26	40	40	40	45	38	38	35	31	17	15	15	21				26.5
SOUTH CENTRAL DIVISION																																		
Albia 3 NNE	7	MAX	42	39	25	32	41	38	57	44	21	26	58	56	49	50	54	44	66	72	66	73	64	68	76	49	35	33	49	56				49.4
		MIN	29	14	15	16	24	24	25	18	6	6	26	35	25	29	22	24	34	38	35	36	38	37	39	34	15	15	26	28				25.5
Allerton	8	MAX	43	38	24	30	41	39	56	43	22	30	58	60	48	49	53	45	67	73	67	71	62	69	76	49	36	35	51	58				49.8
		MIN	32	15	14	15	23	24	27	19	6	6	30	36	22	22	25	23	31	36	36	39	43	38	38	35	15	14	25	23				25.4
Beaconsfield	7	MAX	43	34	24	30	44	36	56	40	18	27	61	60	47	48	51	45	66	73	67	71	60	68	72	52	33	34	49	55				48.7
		MIN	31	13	13	17	22	22	29	16	5	8	27	33	26	26	23	23	36	37	37	39	38	39	38	33	13	13	25	27				25.3
Centerville	7	MAX	44	38	25	31	41	40	58	45	23	30	61	64	54	48	54	45	68	72	68	72	65	70	77	50	38	35	50	59				50.9
		MIN	33	16	15	11	20	21	22	19	7	7	29	29	17	17	24	22	31	32	28	29	41	37	39	37	16	24	26	27				24.1
Chariton 1 E	7	MAX	43	37	23	30	42	38	57	44	20	30	59	58	50	50	53	44	65	72	66	72	63	70	75	51	35	34	51	58				49.6
		MIN	30	14	13	9	24	19	20	17	5	3	28	28	17	17	23	21	37	36	35	36	31	30	38	34	15	15	22	25				22.9
Creston 2 SW	7	MAX	42	32	24	28	45	36	54	38	18	29	58	57	47	51	48	45	64	71	66	70	59	65	70	47	31	33	46	53				47.4
		MIN	30	13	14	16	21	17	28	14	7	8	29	33	24	26	21	21	32	29	29	39	35	35	36	31	14	15	25	25				23.8
Indianola 4 W	7	MAX	42	35	24	30	45	37	58	40	20	31	58	55	48	51	52	43	65	75	67	73	61	69	73	47	33	34	50	55				49.0
		MIN	30	14	14	14	25	21	22	15	4	4	31	36	22	28	24	24	35	32	32	37	32	31	38	32	15	17	20	29				24.2
Knoxville	8	MAX	42	35	24	29	41	35	55	42	19	31	58	55	47	49	51	42	62	73	64	71	63	68	74	48	33	33	50	55				48.2
		MIN	29	12	13	15	24	24	25	15	6	7	31	36	25	27	24	25	34	36	38	42	38	40	39	33	15	17	28	31				26.0
Lamoni	7	MAX	44	36	26	31	45	38	55	42	21	26	62	62	48	49	53	47	68	74	69	72	62	70	76	51	35	36	51	57				50.2
		MIN	32	15	14	18	23	23	29	19	8	11	26	37	23	23	26	25	33	37	37	40	41	40	39	34	15	15	27	27				26.3
Lamoni Airport	24	MAX	38	28	32	45	39	55	48	24	24	62	63	50	49	55	48	68	74	69	71	62	69	75	51	44	35	51	57	68				51.9
		MIN	22	14	18	19	23	30	23	8	8	23	37	29	24	27	25	33	40	36	40	53	41	43	39	23	13	28	28	40				28.1

FEBRUARY 2017			DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																												IOWA CLIMATE REVIEW					
STATION	OBS TIME		DAY OF MONTH																																	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVG		
Mount Ayr	8	MAX	42	34	26	30	44	36	55	39	18	30	61	60	47	48	51	45	66	72	66	70	60	65	72	50	31	33	47	59				48.5		
		MIN	30	13	18	18	21	22	33	14	6	10	30	34	17	24	24	25	33	28	29	38	31	36	37	31	12	17	25	28				24.4		
Osceola	8	MAX	45	36	26	31	44	38	56	43	19	30	57	61	48	50	53	46	66	74	66	72	61	69	74	51	34	35	50	57				49.7		
		MIN	31	14	14	11	25	22	33	16	6	9	30	32	17	19	24	24	30	27	29	33	31	30	38	34	16	16	22	30				23.7		
Rathbun Dam	7	MAX	43	38	24	31	41	39	57	44	20	31	59	58	51	49	53	44	67	72	67	72	65	69	76	49	37	34	49	58				49.9		
		MIN	31	15	15	14	25	23	26	16	7	8	31	35	18	18	25	25	38	35	33	36	39	41	38	34	17	17	26	28				25.5		
Winterset 1 S	7	MAX	42	37	25	31	44	37	58	40	19	28	58	55	49	52	50	42	66	73	68	72	60	67	72	48	34	33	48	56				48.7		
		MIN	32	14	14	15	24	24	26	15	7	10	28	35	22	23	24	24	33	34	33	39	35	35	36	32	15	17	23	25				24.8		
SOUTHEAST DIVISION																																				
Burlington Airport	24	MAX	40	26	31	36	41	55	53	27	22	55	61	49	49	54	43	65	72	69	73	74	67	70	55	45	34	53	58	71				51.7		
		MIN	23	17	18	17	26	28	26	13	9	18	34	27	23	33	26	25	41	40	35	52	48	51	42	27	20	23	28	51				29.3		
Donnellson	7	MAX	43	41	27	31	37	42	54	49	24	29	59	63	49	51	54	44	69	73	70	74	72	71	74	50	41	35	53	59				51.4		
		MIN	31	17	14	19	21	28	29	23	9	9	26	35	25	25	25	23	29	43	35	42	46	45	40	39	19	19	28	31				27.7		
Fairfield	8	MAX	42	38	24	29	37	38	55	45	22	29	57	56	47	51	51	41	65	72	64	72	65	67	75	46	37	33	51	56				48.8		
		MIN	30	15	16	12	23	25	32	20	8	8	29	36	21	25	24	23	33	36	31	39	41	43	39	36	17	20	28	35				26.6		
Fort Madison	24	MAX	42	28	33	36	42	54	49	26	24	52	59	49	46	55	46	66	71	70	71	70	64	68	52	47	34	49	56	67				50.9		
		MIN	23	18	17	17	29	27	26	13	10	17	34	28	23	34	27	27	44	39	35	50	48	46	41	26	20	28	30	49				29.5		
Keokuk Lock & Dam 19	6	MAX	43	39	27	31	37	41	54	52	26	27	60	59	48	48	55	45	67	71	71	71	74	64	68	50	43	35	50	58				50.5		
		MIN	35	21	19	19	22	28	28	25	12	12	27	33	25	24	29	27	28	45	36	35	47	45	44	43	22	21	30	29				29.0		
Keosauqua	7	MAX	43	39	22	30	38	41	56	45	21	28	60	62	48	51	55	43	68	72	67	74	71	69	76	50	39	35	53	58				50.5		
		MIN	31	16	17	13	24	27	29	21	6	8	28	32	20	25	26	28	29	33	28	33	43	47	38	37	19	20	26	31				26.3		
Mount Pleasant 1 SSW	7	MAX	42	37	26	30	35	40	54	46	21	26	57	57	48	50	53	42	66	73	67	73	73	68	74	48	38	33	52	57				49.5		
		MIN	29	14	14	17	18	26	26	20	7	7	26	32	18	18	24	24	27	34	30	30	43	43	40	36	17	16	27	27				24.6		
Oskaloosa	7	MAX	43	35	24	29	42	36	58	41	20	25	57	54	48	50	50	41	61	74	65	72	64	66	76	48	35	33	51	56				48.4		
		MIN	30	14	14	15	23	23	25	16	6	4	24	35	24	24	23	23	29	38	30	32	37	37	39	33	15	16	27	27				24.4		
Ottumwa Airport	24	MAX	39	24	31	41	39	59	46	25	22	58	57	49	52	54	43	65	74	67	74	65	70	79	51	40	33	51	57	69				51.2		
		MIN	24	15	14	16	25	23	24	11	7	19	33	25	22	30	24	25	41	32	32	56	36	43	38	24	17	29	28	42				27.0		
Sigourney	7	MAX	42	38	24	29	39	36	56	42	19	24	56	53	48	51	50	42	60	73	67	73	63	69	77	48	35	35	50	55				48.4		
		MIN	27	13	13	14	20	23	23	17	7	6	24	34	23	24	22	22	27	35	33	34	39	39	39	33	15	15	28	28				24.2		
Washington	7	MAX	42	39	26	31	37	40	57	43	23	25	55	56	49	51	52	43	60	73	69	72	64	69	76	48	37	33	51	56				49.2		
		MIN	28	14	14	9	20	22	23	20	6	6	25	35	17	17	24	20	27	29	26	26	38	37	40	36	16	16	23	26				22.9		
SUPPLEMENTAL STATIONS																																				
Moline Airport	24	MAX	39	26	31	35	40	57	45	28	25	49	58	47	50	53	42	56	73	70	74	73	69	73	50	42	33	52	57	69				50.6		
		MIN	21	16	14	10	22	20	27	16	13	18	31	24	20	31	25	21	27	34	27	48	44	46	41	29	22	26	25	49				26.7		
Omaha Eppley AP	24	MAX	35	28	32	50	37	46	44	21	30	61	55	50	54	51	51	67	75	67	71	61	72	75	45	35	34	45	57	48				49.9		
		MIN	20	15	17	24	20	25	21	6	7	27	32	27	24	27	23	31	34	30	40	38	32	41	33	23	14	26	23	35				25.5		
Sioux Falls WFO AP	24	MAX	28	21	24	37	27	40	30	17	23	59	43	43	48	45	43	59	60	61	64	57	68	63	35	28	28	36	44	41				41.9		
		MIN	12	11	4	18	15	21	12	6	5	22	34	29	30	29	23	26	27	29	34	32	28	34	27	19	11	15	20	32				21.6		

FEBRUARY 2017		DAILY PRECIPITATION (INCHES) FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																										IOWA CLIMATE REVIEW					
STATION	OBS TIME	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWEST DIVISION																																	
Akron	7	0.48								0.01				0.02								T				0.45	I						
Cherokee	8	0.46		T					T	0.01				0.02								0.03	T			0.37	0.03						
Emmetsburg	8	1.90												0.10								0.17	0.38			1.15	0.10						
Estherville Airport	24	M	T										0.13									0.18			M	M							
Estherville 4 E	7	M	I	I										0.13								0.17				M	M						
Everly 3 WNW	7	0.86	T	T										0.13								0.04	0.09			0.49	0.11						
Hawarden	7	0.49								0.02				0.02												0.40	I						
Le Mars	7	0.68								0.02				0.05								0.03	0.12			0.45	0.01						
Orange City	7	0.48		T					T	T				0.08								0.12	0.06			0.21	0.01						
Pocahontas	8	1.91		T						0.01				0.16								0.20	0.16			1.22	0.16			T			
Primghar	16	1.03											0.02	0.08								0.14			I	0.79							
Remsen #2	6	0.66									T			0.06								0.05	0.16			0.37	0.02						
Rock Rapids	8	0.41												0.05								0.17				0.19	I						
Rock Valley	7	0.81									T			0.15								0.03				0.63	I						
Sanborn	8	1.07												0.20								0.07	0.15			0.61	0.04						
Sheldon	7	1.28								T				0.18								0.18	0.41			0.50	0.01						
Sibley	7	1.18												0.16								0.05	0.47			0.50	I						
Sioux Center 2 SE	16	0.70	T							T			0.01	0.12								0.10			T	0.47							
Sioux Rapids 4 E	22	0.77	T						T	T			0.06	0.02								0.18			0.20	0.31				T			
Spencer Airport	24	M	T						T	T			0.20									0.08				M	M						
Spencer 1 N	24	0.98	T						T				0.18									0.07			0.40	0.33							
Spirit Lake 4 W	24	1.54	T										0.15									0.09			0.87	0.43							
Storm Lake	8	1.69		T						0.03				0.06								0.11	0.02			1.22	0.25						
NORTH CENTRAL DIVISION																																	
Algona 3 W	6	2.05												0.25									0.60			0.80	0.40						
Allison	7	1.92												0.02									1.10			0.75	0.05						
Britt	7	1.82												0.08									0.76			0.89	0.09						
Charles City	7	2.16												0.07									1.10			0.71	0.08			0.20			
Clarion	7	M								T				0.08									1.05			M	M						
Dakota City	8	2.21								0.02				0.08								0.24	0.49			1.17	0.21			T			
Forest City 2 NNE	7	1.84												0.03									0.75			0.96	0.10						
Hampton	7	2.46								T				0.03									1.10			1.00	0.26			0.07			
Kanawha	8	1.81												0.11									0.85			0.75	0.10						
Lake Mills	7	1.89												0.03									0.71			1.03	0.12			T			
Mason City	7	1.87												0.02									0.96			0.81	0.08						
Mason City Airport	24	2.08	T	T					T				0.04	0.02								0.90			0.54	0.58			T				
Nashua 2 SW	7	2.78												0.06									1.43			0.91	0.14			0.24			
Northwood	7	1.54	0.03	T						T				0.05									0.93			0.48	0.05			T			
Osage	7	2.52							T					0.04									1.12			1.11	0.25						
Saint Ansgar	6	2.39												0.05									1.14			1.08	0.12						
Swea City 4 W	7	1.19												0.08									0.47			0.53	0.11						
NORTHEAST DIVISION																																	
Cascade	7	0.77							0.10	T													0.19			0.39	0.08			0.01			
Cresco 1 NE	7	2.14	0.01							T				0.03									1.16			0.63	0.16			0.15			
Decorah	16	1.25												0.06									0.30	0.20		0.45	0.08			0.16			
Dubuque Lock & Dam 11	6	0.77							0.01														0.26			0.45	0.05						
Dubuque Airport	24	1.80							0.99	T													0.26		0.25	0.18	0.01		0.03	0.08			
Elkader 6 SSW	7	1.63							0.05	T	T			0.02									0.44			0.82	0.08			0.22			
Fayette	7	0.99												T									0.37			0.39	0.12			0.11			
Guttenberg L & D 10	6	0.87												0.03									0.26			0.47	0.10			0.01			
Ionia 2 W	7	2.53												0.06									1.24			0.88	0.17			0.18			
Manchester #2	7	0.88							T	T				T									0.31			0.52	0.05			T			
New Hampton	8	2.17												0.06									1.17			0.75	0.09			0.10			
Oelwein 1 E	7	0.75							0.01					0.01												0.27	0.09			T			
Postville	7	1.35												0.04									0.52			0.64	0.15			T			
Stanley 3 WSW	4	0.95								T	T			T									0.40			0.45	0.10						
Strawberry Point	7	1.15							0.01	T				0.01									0.36			0.63	0.09			0.05			

FEBRUARY 2017			'DAILY PRECIPITATION (INCHES) FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																											IOWA CLIMATE REVIEW				
STATION	OBS	TOTAL	DAY OF MONTH																															
	TIME		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Tripoli	7	1.15			T					T	T			0.05										0.48			0.54	0.07			0.01			
Waterloo Airport	24	1.04								0.01				0.02									0.40			0.30	0.28			T	0.03			
WEST CENTRAL DIVISION																																		
Audubon	8	1.14			T						0.13	0.04											0.29	0.16			0.45	0.07			T			
Battle Creek 3 NE	8	0.77			T						0.05			T	0.02								T	T			0.53	0.17						
Carroll	7	1.16									0.08				0.02								0.35	0.11			0.55	0.05						
Castana Exp. Farm	8	0.91									0.26				0.01								T	0.02			0.52	0.10						
Denison	7	1.29									0.22				0.02								0.20	0.09			0.56	0.20						
Guthrie Center	8	1.22									0.15	0.09											0.32	0.05			0.56	0.05			T			
Holly Springs 1 NW	7	0.56									0.13				0.01								0.08	T			0.30	0.04						
Holstein	7	1.05									0.06			T	0.05								T	0.01			0.86	0.07						
Little Sioux 2 NW	7	1.24	0.01		T						0.40		T		0.03								0.04	T			0.54	0.22						
Logan	8	1.16									0.29	0.03											0.08				0.66	0.10						
Mapleton #2	7	1.10									0.26				0.02								T	T			0.55	0.27						
Rockwell City	7	1.37									0.05				0.03								0.31	0.15			0.75	0.08						
Sac City	7	1.01									0.05				0.03								0.26	0.08			0.55	0.04						
Sioux City Airport	24	0.59	T							0.08	0.06			0.03									T			0.35	0.06				0.01			
CENTRAL DIVISION																																		
Ames Airport	24	M	T									M			T	T							0.98			0.17	0.15	T		T	0.02			
Ames 8 WSW	16	1.28									0.05				0.02								0.71			0.01	0.46	0.03						
Ames 5 SE	6	1.39			T						0.08					T								0.80			0.33	0.18			T			
Ankeny	8	0.72									0.10												0.25	0.12			0.23	0.02			T			
Boone	8	1.59									T	0.12	T			I	T						0.25	0.46			0.57	0.17		0.02				
Brooklyn	7	0.40									0.06													0.18			0.12	0.04						
Clutier	7	0.87									0.03					T								0.25			0.48	0.11						
Des Moines Airport	24	0.77	T	T							T	0.20			T	T							0.25			0.10	0.21			0.01	T			
Des Moines Camp Dodge	24	1.35	T								T	0.16			T	T							0.51			0.19	0.45			0.03	0.01			
Eldora	7	1.53									0.02				0.01									0.90			0.50	0.07			0.03			
Fort Dodge 5 NNW	7	1.95			T						0.05				0.05		T						0.15	0.75			0.60	0.30			0.05			
Gilman	7	0.65									0.05													0.25			0.30	0.05						
Grinnell 3 SW	7	0.71									T	0.16												0.27			0.16	0.12						
Grundy Center	8	0.85									T	T												0.44			0.35	0.06			T			
Iowa Falls	7	1.67				T					T	0.03			0.02									0.91			0.58	0.10			0.03			
Marshalltown	7	0.82									0.04													0.30			0.40	0.07			0.01			
Marshalltown Airport	24	M	T									M											M			0.14	M			T	T			
Montezuma 1 W	7	0.40								0.05	0.07		T											0.14			0.11	0.03			T			
Newton	7	0.51									0.06													0.27			0.14	0.04						
Perry	7	1.24									T	0.12		I										0.18	0.41		0.43	0.10			T			
Toledo 3 N	7	0.67									0.02		T											0.27			0.33	0.05						
Webster City	7	2.51									0.05				0.01									0.02	1.13		0.95	0.23			0.12			
Zearing	7	1.25									0.05													0.66			0.38	0.11			0.05			
EAST CENTRAL DIVISION																																		
Anamosa 3 SSW	6	1.16								0.34	0.03													0.33			0.34	0.10			0.02			
Belle Plaine	7	0.35									0.06													0.10			0.17	0.02			T			
Bellevue Lock & Dam 12	6	1.50									0.07		T											0.36			0.93	0.05			0.09			
Cedar Rapids Airport	24	0.62								T	0.27	0.02				T							0.16			0.09	0.02	T		0.01	0.05			
Cedar Rapids #1	17	1.01									0.36	0.02											0.11	0.05		0.05	0.37	0.03			0.02			
Clinton #1	18	1.29									0.10	0.05												0.30		0.02	0.14	0.05			0.63			
Coggon	6	0.67										T												0.24			0.36	0.07			T			
Davenport Airport	24	0.81			T						0.16	0.07											0.35		T	0.15	0.04	T	T	0.01	0.03			
De Witt	8	1.24									0.29	0.08												0.44			0.32	0.09			0.02			
Iowa City	7	0.32									0.06	0.05												0.09			0.06	0.04			0.02			
Iowa City Airport	24	0.93									0.09	0.04											0.20			0.04	0.02	T		0.02	0.52			
Le Claire L & D 14	6	0.61									0.12	0.03	0.02											0.25			0.13	0.05			0.01			
Lowden	24	1.13								T	0.13	0.07											0.27			0.29	0.11	0.04		0.06	0.16			
Maquoketa 4 W	7	0.98									0.12	T												0.41			0.36	0.04			0.05			

FEBRUARY 2017			DAILY PRECIPITATION (INCHES) FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																										IOWA CLIMATE REVIEW					
STATION	OBS TIME	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	DAY OF MONTH				18	19	20	21	22	23	24	25	26	27	28	29	30	31
																	15	16	17															
Monticello	7	0.97							0.15	0.01													0.24			0.50	0.07							
Muscatine	6	0.64							0.25	0.03	0.01												0.14			0.08	0.10			0.03				
Muscatine 2 N	5	0.58							0.11	0.04	0.01												0.14			0.13	0.08		T	0.07				
Swisher	7	0.70							0.25	0.01													0.11			0.23	0.07			0.03				
Vinton	7	0.66								0.03													0.23			0.32	0.08							
Williamsburg 1 E	7	0.30							0.04	0.08													0.11			0.04	0.02			0.01				
SOUTHWEST DIVISION																																		
Atlantic 1 NE	7	1.24								0.11	0.10											0.25	0.18			0.48	0.12							
Bedford	7	0.73		T						T	0.02	0.03										0.16	0.18			0.10	0.17			0.07				
Clarinda	6	0.72								T	T	T											0.34	0.08		0.25	0.05							
Glenwood	6	0.69									T	0.10											0.23			0.27	0.09							
Greenfield	8	0.85								0.15	0.06												0.23	0.10		0.24	0.07			T				
Hastings 4 NE	8	0.55				T				T	0.04	T										0.25	T		0.24	0.02								
Massena	7	0.77								0.12	0.02												0.36	0.11		0.07	0.09							
Oakland	7	0.88								0.09	0.02												0.39	0.05		0.27	0.06			T				
Randolph	8	0.71		T							T	0.05											0.25	T		0.30	0.11							
Red Oak	7	0.73								T	0.05	0.02											0.24	0.08		0.28	0.06			T				
Shenandoah	8	0.70								0.03	0.02												0.30	T		0.27	0.08							
Sidney 1 SSE	7	0.48									T	T											0.25			0.21	0.02							
Underwood	7	1.11								0.29	0.04												0.18	T		0.57	0.03			T				
SOUTH CENTRAL DIVISION																																		
Albia 3 NNE	7	0.79							0.09	0.02	0.10												0.12			0.03	0.12			0.31				
Allerton	8	0.20							0.06		0.03												0.07			0.02	0.02			T				
Beaconsfield	7	0.34									T	0.13											T	0.03		0.06	0.07			0.05				
Centerville	7	0.34										0.08												0.16		0.06	0.04							
Chariton 1 E	7	0.39									T	0.13												0.03		0.04	0.07			0.12				
Creston 2 SW	7	0.47								0.04	0.05												0.15	0.12		0.08	0.03							
Indianola 4 W	7	0.68								0.25	0.08												T	0.09		0.21	0.05							
Knoxville	8	0.55							0.01	0.13	0.05													0.10		0.10	0.15			0.01				
Lamoni	7	0.21									0.06												T	0.05		0.06	0.04			T				
Lamoni Airport	24	0.26						T		0.06													0.10			0.04	0.06							
Lorimor	8	0.60								0.14	0.10												0.06	0.06		0.12	0.12							
Mount Ayr	8	0.41								0.04	T													0.16		0.05	0.06			0.10				
Osceola	8	0.32								0.01	0.04													0.08	0.07		0.08	0.03			0.01			
Pella 1 S	7	0.50								T	0.11	0.03												0.16		0.07	0.13			T				
Rathbun Dam	7	0.32								T	0.01	0.07												0.17		0.02	0.01			0.04				
Winterset 1 S	7	0.70		T	T					0.13	0.02												0.12	0.12		0.10	0.21			T				
SOUTHEAST DIVISION																																		
Bloomfield 1 WNW	7	0.36									T	0.09												0.02			0.01	0.04			0.20			
Burlington Airport	24	0.50		T						0.16			T										0.15	T		0.05	0.02	T		0.12				
Donnellson	7	0.24								T	T	0.06												0.13	T		0.03	0.02						
Fairfield	8	0.29							0.02	T	0.11													0.06			0.05	0.05		T	T			
Fort Madison	24	0.44								0.06														0.24	0.01		0.05	T		0.08				
Keokuk Lock & Dam 19	6	0.34									0.10													0.18	0.01		0.02	0.03						
Keosauqua	7	0.45									T	0.12												0.03			0.25	0.04		0.01				
Mount Pleasant 1 SSW	7	0.41							0.01	0.05	0.10													0.10		0.10	0.05							
Oskaloosa	7	0.65							0.03	0.10	0.08													0.20		0.04	0.14			0.06				
Ottumwa Airport	24	0.44						0.02	0.01	0.09													0.07			0.01	0.08		T		0.16			
Salem 1 S	7	0.47								0.01	0.12													0.12			0.19	0.02		0.01				
Sigourney	7	0.48							0.02	0.10	0.10													0.15			T	0.06			0.05			
Washington	7	0.28		T					0.01	0.07	0.03													0.03		0.06	0.07			0.01				
SUPPLEMENTAL STATIONS																																		
Moline Airport	24	0.91							0.17	0.09													0.20	0.01		0.11	0.08	T	T	T	0.25			
Omaha Eppley AP	24	1.04		T						T	0.17												0.21			0.50	0.13				0.03			
Sioux Falls WFO AP	24	0.49	T	T		T				T			0.10										0.16		T	0.23	T			T				

FEBRUARY 2017			DAILY NEW SNOWFALL FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME) AND TOTAL DEPTH OF SNOW ON GROUND (INCHES)																								IOWA CLIMATE REVIEW						
STATION	OBS TIME	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWEST DIVISION																																	
Akron	7	SNOWFALL 7.1								0.1																7.0	I						
		SNOW ON GROUND	7	6	5	4	3	1	1	1	1	I														7	7	7	6	3			
Cherokee	8	SNOWFALL 8.2		T						0.2																7.0	1.0						
		SNOW ON GROUND	5	5	5	4	4	4	2	2	2	2	T	T	T	T	T	T								7	7	7	6	4			
Emmetsburg	8	SNOWFALL 10.0																								8.8	1.2						
		SNOW ON GROUND	7	7	6	5	5	4	4	4	4	3	2	1	1	I										9	10	9	8	7			
Estherville 4 E	7	SNOWFALL M	I	I																						M	M						
		SNOW ON GROUND	M	M	M	M	M	M	M	M	M	M	M	M	M											M	M	M	M	M			
Everly 3 WNW	7	SNOWFALL 9.0	T	T																						7.0	2.0						
		SNOW ON GROUND	5	4	4	4	4	4	3	3	3	3	2	1	1	I										7	9	8	7	5			
Hawarden	7	SNOWFALL 4.7								0.2																4.5	I						
		SNOW ON GROUND	6	6	6	5	4	3	2	2	2	1	1													5	4	3	3	2			
Le Mars	7	SNOWFALL 7.9								0.5																7.2	0.2						
		SNOW ON GROUND	M	M	M	M	M	M	M	1	1	I														7	6	5	3	1			
Orange City	7	SNOWFALL 4.5		T						T	0.1															4.2	0.2						
		SNOW ON GROUND	4	4	4	4	3	3	3	2	2	2	1	T	T	T	T	T								4	4	3	2	2			
Pocahontas	8	SNOWFALL 12.5		T						0.5																10.0	2.0						
		SNOW ON GROUND	4	4	3	2	2	2	T	T	T	T														10	12	10	8	6			
Primghar	16	SNOWFALL 7.1																							I	7.1							
		SNOW ON GROUND	2	2	2	2	2	1	1	1	1	I														7	5	4	2	1			
Remsen #2	6	SNOWFALL 7.2								0.1																6.7	0.4						
		SNOW ON GROUND	4	4	4	4	4	4	2	2	2	2	1													7	7	6	5	2			
Rock Rapids	8	SNOWFALL 5.0																								5.0	I						
		SNOW ON GROUND	4	4	4	4	4	4	3	2	2	2	I													5	5	4	3	1			
Rock Valley	7	SNOWFALL 4.5								T																4.5	I						
		SNOW ON GROUND	2	2	2	2	2	2	2	2	2	2	I													5	4	3	2	2			
Sanborn	8	SNOWFALL 7.8																								7.2	0.6						
		SNOW ON GROUND	4	4	4	4	3	3	2	2	2	2	1	1	1	I										7	8	7	6	4			
Sheldon	7	SNOWFALL 5.7								T																5.5	0.2						
		SNOW ON GROUND	6	5	4	3	3	3	3	2	2	1	1	T	T	T	T	T								5	4	4	3	1			
Sibley	7	SNOWFALL 5.0																								5.0	I						
		SNOW ON GROUND	3	3	3	3	2	2	1	1	1	1	I													5	4	4	3	1			
Sioux Center 2 SE	16	SNOWFALL 7.0	T							T															T	7.0							
		SNOW ON GROUND	3	3	3	2	2	1	1	1	1	1	T	T	T	T	T									7	6	4	3	2			
Sioux Rapids 4 E	22	SNOWFALL 8.7	T							T	0.4															3.1	5.2				T		
		SNOW ON GROUND	3	3	3	2	2	1	1	1	1	T	T	T	T	T	T									3	7	7	5	3	3		
Spencer 1 N	24	SNOWFALL 11.0	T							T																5.5	5.5						
		SNOW ON GROUND	2	2	2	2	2	2	2	2	2	1	T	T												5	11	9	8	5	2		

FEBRUARY 2017				DAILY NEW SNOWFALL FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME) AND TOTAL DEPTH OF SNOW ON GROUND (INCHES)															IOWA CLIMATE REVIEW																		
STATION	OBS TIME		TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Spirit Lake 4 W	24	SNOWFALL	8.0	T																						6.0	2.0										
		SNOW ON GROUND		5	5	5	4	4	2	1	1	1	I													6	8	8	7	5	3						
Storm Lake	8	SNOWFALL	11.5		T						0.5																8.0	3.0									
		SNOW ON GROUND		3	3	3	3	2	2	I	T	I	I														8	11	10	8	4						
NORTH CENTRAL DIVISION																																					
Algona 3 W	6	SNOWFALL	12.0																								8.0	4.0									
		SNOW ON GROUND		M	M	M	M	M	M	M	M	M	M	M													8	12	12	10	M						
Allison	7	SNOWFALL	4.0																								3.0	1.0									
		SNOW ON GROUND		4	4	4	4	4	3	3	3	2	2	I													3	3	3	2	I						
Britt	7	SNOWFALL	12.6																								11.4	1.2									
		SNOW ON GROUND		M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M					11	M	M	M	M						
Charles City	7	SNOWFALL	6.0																								2.0	4.0									
		SNOW ON GROUND		4	4	4	4	4	3	2	2	2	2	1													2	6	6	5	2						
Clarion	7	SNOWFALL	M									T															M	M									
		SNOW ON GROUND		M	M	M	M	M	M	M	T	T	T														M	M	M	M	M						
Dakota City	8	SNOWFALL	10.1								0.2																7.8	2.1									
		SNOW ON GROUND		4	3	3	3	3	3	2	2	2	1														8	7	7	6	4						
Forest City 2 NNE	7	SNOWFALL	11.0																								10.0	1.0									
		SNOW ON GROUND		M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M					10	M	M	M	M						
Hampton	7	SNOWFALL	6.0									T															4.0	2.0									
		SNOW ON GROUND		4	4	3	2	2	2	1	I	I	I														3	4	4	1	1						
Kanawha	8	SNOWFALL	8.2																								7.0	1.2									
		SNOW ON GROUND		M	M	M	M	M	M	M	M	M	M	M	M	M											I	M	M	M	M						
Lake Mills	7	SNOWFALL	11.0																								10.0	1.0									
		SNOW ON GROUND		8	8	8	7	7	7	6	6	6	6	5	5	4	3	2	2	2	1	T					9	10	9	8	6						
Mason City	7	SNOWFALL	6.2																								5.7	0.5									
		SNOW ON GROUND		I	I	I	I	6	5	4	4	4	4	4	3	2	1	1	1	1							6	6	6	5	3						
Mason City Airport	24	SNOWFALL	8.8	T	T						T																3.0	5.8									
		SNOW ON GROUND		10	10	10	10	10	9	8	8	8	8	6	5	5	4	3	1	1								7	9	6	5	4					
Nashua 2 SW	7	SNOWFALL	3.5																								2.0	1.5									
		SNOW ON GROUND		4	4	4	4	3	3	2	2	2	2	1	T	T	T	T	T								1	2	2	1	T						
Northwood	7	SNOWFALL	8.0	0.3	T							T															7.2	0.5									
		SNOW ON GROUND		9	9	8	8	7	6	5	5	5	5	5	5	5	4	4	4	4	3	2	I				7	8	I	6	4						
Osage	7	SNOWFALL	6.0																								4.3	1.7									
		SNOW ON GROUND		7	7	7	7	6	6	5	5	5	5	4	4	4	4	3	3	2							4	6	6	6	4						
Saint Ansgar	6	SNOWFALL	8.4																								6.8	1.6									
		SNOW ON GROUND		14	13	12	11	11	11	11	11	11	10	9	8	8	8	7	5	5	3	2						6	8	7	6	4					
Swea City 4 W	7	SNOWFALL	7.0																								5.5	1.5									
		SNOW ON GROUND		1	1	1	1	1	1	I	I	I	I															4	4	4	3	2					

FEBRUARY 2017			DAILY NEW SNOWFALL FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME) AND TOTAL DEPTH OF SNOW ON GROUND (INCHES)																										IOWA CLIMATE REVIEW						
STATION	OBS TIME	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHEAST DIVISION																																			
Cascade	7	SNOWFALL 0.7 SNOW ON GROUND									T																0.7 1		T						
Cresco 1 NE	7	SNOWFALL 6.2 SNOW ON GROUND	T 6		6 6		6 6		6 6		6 6		6 6		5 3		3 3		3 3		3 3		2 I					5.0 5	1.2 4		4 4		3 1		
Decorah	16	SNOWFALL 4.0 SNOW ON GROUND		4 4		4 4		4 4		3 3		3 3		3 2		1 1		I I		I I								2.0 1	2.0 2		1 1				
Dubuque Lock & Dam 11	6	SNOWFALL 0.5 SNOW ON GROUND		I I																								0.5 T		T T					
Dubuque Airport	24	SNOWFALL 1.4 SNOW ON GROUND		T T		T T		T T		T T		T T		T T													1.0 1	0.4 1							
Elkader 6 SSW	7	SNOWFALL 0.7 SNOW ON GROUND		1 1		1 1		1 1		T T		T T		T T														0.1 T	0.6 1		I I				
Fayette	7	SNOWFALL 0.7 SNOW ON GROUND		5 5		5 5		4 4		4 2		2 2		2 2		1 1		1 1		T T		T T						T T	0.7 1		1 1		T T		
Guttenberg L & D 10	6	SNOWFALL 1.0 SNOW ON GROUND		1 1		1 1		1 I																				1.0 1		I I					
Ionia 2 W	7	SNOWFALL 4.0 SNOW ON GROUND		5 5		4 4		3 3		3 3		2 2		2 2		1 1		1 1		T T		T T						2.0 2	2.0 4		4 4		2 2		T T
Manchester #2	7	SNOWFALL 0.3 SNOW ON GROUND		T T							T T		T T															0.3 T		T T					
New Hampton	8	SNOWFALL 2.2 SNOW ON GROUND		7 7		7 7		6 6		6 5		4 4		4 4		2 2		1 1		1 I								1.0 1	1.2 2		1 1		1 I		
Oelwein 1 E	7	SNOWFALL 0.9 SNOW ON GROUND		2 2		2 2		2 2		1 T		T T		T T														T 1	0.9 T						
Postville	7	SNOWFALL 1.3 SNOW ON GROUND		8 6		6 6		6 6		5 3		3 3		3 3		2 2		2 2		2 2		1 T		T T		T T		0.4 T	0.9 1		1 1		T T		
Stanley 3 WSW	4	SNOWFALL 1.0 SNOW ON GROUND		2 2		2 2		2 2		2 1		T T		T T		T T												1.0 1		1 1					
Strawberry Point	7	SNOWFALL 1.0 SNOW ON GROUND		3 3		3 3		3 3		3 2		1 1		1 1		1 T		T T		T T		T T						1.0 1		T T					
Tripoli	7	SNOWFALL 0.9 SNOW ON GROUND		2 2		2 2		2 2		2 1		1 1		1 1		T T												0.4 T	0.5 1		1 1		T T		
Waterloo Airport	24	SNOWFALL 1.4 SNOW ON GROUND		T T		T T		T T			0.2 T		T T													T T	1.2 1			T T					
WEST CENTRAL DIVISION																																			
Audubon	8	SNOWFALL 4.1 SNOW ON GROUND		T T							1.5 2		0.6 2				2 2											0.5 1	1.5 2		2 2		T T		
Battle Creek 3 NE	8	SNOWFALL 9.0 SNOW ON GROUND		T T							0.8 1		1 1		T T													6.1 6	2.1 8		7 7		4 4		1 1

FEBRUARY 2017				DAILY NEW SNOWFALL FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME) AND TOTAL DEPTH OF SNOW ON GROUND (INCHES)																								IOWA CLIMATE REVIEW							
STATION	OBS TIME	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Carroll	7	SNOWFALL 7.5								1.0																5.0	1.5								
		SNOW ON GROUND								1	1	1														5	7	5	4	I					
Castana Exp. Farm	8	SNOWFALL 9.8								3.8																4.0	2.0								
		SNOW ON GROUND								4	4	3														4	6	6	5	2					
Denison	7	SNOWFALL 8.5								3.0																3.0	2.5								
		SNOW ON GROUND								3	3	2	T													3	5	4	3	1					
Guthrie Center	8	SNOWFALL 5.0								2.5	1.5															0.5	0.5								
		SNOW ON GROUND	I	I	I	I				2	4	3	T													T	1	1	I						
Holly Springs 1 NW	7	SNOWFALL 12.6								4.0																8.0	0.6								
		SNOW ON GROUND								4	3	2														8	8	7	3	2					
Holstein	7	SNOWFALL 9.8								0.8																8.0	1.0								
		SNOW ON GROUND	1	1	1	1	T	T	T	1	1	1	T	T	T	T	T	T								8	8	7	5	3					
Little Sioux 2 NW	7	SNOWFALL 13.6	0.2	T						5.2	0.2															5.2	2.8								
		SNOW ON GROUND	T	T	T	T	T	T		5	5	5	1													5	8	7	5	2					
Logan	8	SNOWFALL 7.0								3.5	0.5															1.0	2.0								
		SNOW ON GROUND								3	4	4														1	2	2	1						
Mapleton #2	7	SNOWFALL 11.0								4.0																4.0	3.0								
		SNOW ON GROUND								4	2	1														4	7	6	4	2					
Rockwell City	7	SNOWFALL 7.0								1.0																4.0	2.0								
		SNOW ON GROUND	3	3	3	3	2	2	1	2	2	1														4	6	6	6	2					
Sac City	7	SNOWFALL 6.6								2.0																4.0	0.6								
		SNOW ON GROUND	I							2	2	2														4	4	4	4	2					
Sioux City Airport	24	SNOWFALL 12.8	T						1.0	1.9															8.2	1.7									
		SNOW ON GROUND	T	T						3	3	2														8	9	9	6	3					
CENTRAL DIVISION																																			
Ames 8 WSW	16	SNOWFALL 3.0								0.7																2.0	0.3								
		SNOW ON GROUND								1	1															2	1	I							
Ames 5 SE	6	SNOWFALL 3.0		T						2.0																	1.0								
		SNOW ON GROUND								2	1	1															1	T							
Ankeny	8	SNOWFALL 2.0								1.4																	0.6								
		SNOW ON GROUND								1	1	1															1	T							
Boone	8	SNOWFALL 5.2								1.9	T															0.4	2.9								
		SNOW ON GROUND	2	1	1	1	T	T	T	2	1	1	T													T	3	2	T	T					
Brooklyn	7	SNOWFALL 2.4								2.0																	0.4								
		SNOW ON GROUND								2	2	1															I	I							
Clutier	7	SNOWFALL 0.8								0.3																	0.5								
		SNOW ON GROUND								T	T																T	T							
Des Moines Airport	24	SNOWFALL 4.4	T	T						2.6																1.8									
		SNOW ON GROUND								2	2	2															2	T							

FEBRUARY 2017			DAILY NEW SNOWFALL FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME) AND TOTAL DEPTH OF SNOW ON GROUND (INCHES)																										IOWA CLIMATE REVIEW					
STATION	OBS TIME	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Des Moines Camp Dodge	24	SNOWFALL 3.7 SNOW ON GROUND	T							2.0 2		2														1.7 2		T						
Eldora	7	SNOWFALL 1.9 SNOW ON GROUND								0.5 1		T	T													T T	1.4 1		T					
Fort Dodge 5 NNW	7	SNOWFALL 9.5 SNOW ON GROUND		I 3		3	2	2		0.5 2		2	1													6.0 6	3.0 9		9	8	7			
Gilman	7	SNOWFALL 2.0 SNOW ON GROUND								1.0 1		T														1.0 1		T						
Grinnell 3 SW	7	SNOWFALL 2.8 SNOW ON GROUND								1.8 2		2	1													1.0 1		T						
Grundy Center	8	SNOWFALL 0.5 SNOW ON GROUND								T T		I														0.5 T		T						
Iowa Falls	7	SNOWFALL 2.5 SNOW ON GROUND			T 3	3	2	1	1	0.5 1		I	I												1.0 1	1.0 2		1	1					
Marshalltown	7	SNOWFALL 1.4 SNOW ON GROUND								0.4 T		T														1.0 1		I						
Montezuma 1 W	7	SNOWFALL 1.5 SNOW ON GROUND								1.0 1		T 1	I													0.5 1								
Newton	7	SNOWFALL 2.2 SNOW ON GROUND								1.7 2		2	1													0.5 1		I						
Perry	7	SNOWFALL 3.1 SNOW ON GROUND								2.0 2		I 1	1													0.1 I	1.0 1		1					
Toledo 3 N	7	SNOWFALL 1.5 SNOW ON GROUND								0.5 1		T 1	T													1.0 1		T						
Webster City	7	SNOWFALL 5.5 SNOW ON GROUND				3	3	1	1	0.5 T		1	1	1												2.0 2	3.0 5		5	4	3			
Zearing	7	SNOWFALL 3.0 SNOW ON GROUND								1.0 1		1	I													T T	2.0 2		1					
EAST CENTRAL DIVISION																																		
Anamosa 3 SSW	6	SNOWFALL 1.7 SNOW ON GROUND								0.4 T		T	T													1.3 1		T						
Belle Plaine	7	SNOWFALL 1.4 SNOW ON GROUND								1.1 1		T														0.3 T		T						
Bellevue Lock & Dam 12	6	SNOWFALL 0.5 SNOW ON GROUND								T T																0.5 T		I						
Cedar Rapids #1	17	SNOWFALL 1.3 SNOW ON GROUND								0.6 T		T														I I	0.7 I							
Clinton #1	18	SNOWFALL 1.0 SNOW ON GROUND								0.5 T		T														0.5 T				T				
Coggon	6	SNOWFALL 0.5 SNOW ON GROUND								0.2 T																0.3 T		T						

FEBRUARY 2017			DAILY NEW SNOWFALL FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME) AND TOTAL DEPTH OF SNOW ON GROUND (INCHES)																												IOWA CLIMATE REVIEW			
STATION	OBS TIME	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Davenport Airport	24	SNOWFALL	2.0		T						1.2															0.4	0.4							
		SNOW ON GROUND									1	1	T														1	T						
De Witt	8	SNOWFALL	1.2								0.8																0.4							
		SNOW ON GROUND									1																T	I						
Iowa City	7	SNOWFALL	1.5								1.0																0.5							
		SNOW ON GROUND									1	T	T														1	I						
Le Claire L & D 14	6	SNOWFALL	M								M	M															M							
		SNOW ON GROUND									M	M	M														M	M						
Lowden	24	SNOWFALL	2.5								1.0															1.0	0.5							
		SNOW ON GROUND									1															1	T							
Maquoketa 4 W	7	SNOWFALL	0.5								0.1																0.4							
		SNOW ON GROUND									T																T	T						
Monticello	7	SNOWFALL	0.6								0.1																0.5							
		SNOW ON GROUND									T																1	I						
Muscatine	6	SNOWFALL	1.2								0.5	0.2															0.5							
		SNOW ON GROUND									1	T	T														I							
Muscatine 2 N	5	SNOWFALL	1.4								0.7	0.2															0.5							
		SNOW ON GROUND									1	T	T														T	T						
Swisher	7	SNOWFALL	1.1								0.1																1.0							
		SNOW ON GROUND									T	T															1	I						
Vinton	7	SNOWFALL	0.5								0.3																0.2							
		SNOW ON GROUND									T	I															I	I						
Williamsburg 1 E	7	SNOWFALL	2.4								2.0																0.4							
		SNOW ON GROUND									2	1	1														T	I						
SOUTHWEST DIVISION																																		
Atlantic 1 NE	7	SNOWFALL	7.4								2.5	2.1														0.3	2.5							
		SNOW ON GROUND	I	I	I	I					2	5	4													I	2	2	I					
Bedford	7	SNOWFALL	2.6		T						0.3	0.3															2.0							
		SNOW ON GROUND									I	T	I														2	I						
Clarinda	6	SNOWFALL	0.5								T	T															0.5							
		SNOW ON GROUND									T	T	T														T							
Glenwood	6	SNOWFALL	3.1								0.1	1.5															T	1.5						
		SNOW ON GROUND									T	2	1														1	1						
Greenfield	8	SNOWFALL	4.8								3.0	1.0															0.8							
		SNOW ON GROUND									3	4	3	I													1	I						
Hastings 4 NE	8	SNOWFALL	1.0		T						0.8	T															T	0.2						
		SNOW ON GROUND									1	1	1														T	T	T					
Massena	7	SNOWFALL	4.4								2.3	0.3															1.8							
		SNOW ON GROUND									2	2	1														2	I						

FEBRUARY 2017				DAILY NEW SNOWFALL FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME) AND TOTAL DEPTH OF SNOW ON GROUND (INCHES)																								IOWA CLIMATE REVIEW						
STATION	OBS TIME		TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
				DAY OF MONTH																														
Oakland	7	SNOWFALL	4.6								2.1	0.6															0.3	1.6						
		SNOW ON GROUND									2	3	2														T	2	1					
Randolph	8	SNOWFALL	1.0		T						T	0.5															T	0.5						
		SNOW ON GROUND									T	1	T														T	T	I					
Red Oak	7	SNOWFALL	1.7								1.0	0.3																0.4						
		SNOW ON GROUND									1	1	1															T	I					
Shenandoah	8	SNOWFALL	2.8								0.5	0.3																2.0						
		SNOW ON GROUND									1	1	T															2	T					
Sidney 1 SSE	7	SNOWFALL	0.5								T	T																0.5						
		SNOW ON GROUND									I	I																1	I					
Underwood	7	SNOWFALL	5.3								3.2	0.6															0.8	0.7						
		SNOW ON GROUND									3	4	3														1	2	2					
SOUTH CENTRAL DIVISION																																		
Albia 3 NNE	7	SNOWFALL	4.4								0.4	3.0																1.0						
		SNOW ON GROUND									T	3	2															1	T					
Allerton	8	SNOWFALL	1.0									0.6																0.4						
		SNOW ON GROUND										1	T															T						
Beaconsfield	7	SNOWFALL	2.5								T	1.5																1.0						
		SNOW ON GROUND									T	1	1															1						
Centerville	7	SNOWFALL	2.1									1.8																0.3						
		SNOW ON GROUND										2	1															T	T					
Chariton 1 E	7	SNOWFALL	4.0								T	3.0																1.0						
		SNOW ON GROUND										3	2															1						
Creston 2 SW	7	SNOWFALL	2.0								0.8	0.8																0.4						
		SNOW ON GROUND									1	1	1															I	I					
Indianola 4 W	7	SNOWFALL	7.1								2.5	3.6																1.0						
		SNOW ON GROUND									3	4	3															1	I					
Knoxville	8	SNOWFALL	3.5								2.0	0.5																1.0						
		SNOW ON GROUND									2	2	1															1						
Lamoni	7	SNOWFALL	1.4									1.0																0.4						
		SNOW ON GROUND										1	1															T						
Lorimor	8	SNOWFALL	5.6								2.4	1.7																1.5						
		SNOW ON GROUND									2	3	2															2	I					
Mount Ayr	8	SNOWFALL	1.2								0.5	T																0.7						
		SNOW ON GROUND									1	1	T															1						
Osceola	8	SNOWFALL	3.8								0.3	2.0																1.5						
		SNOW ON GROUND									T	2	1															1	I					
Pella 1 S	7	SNOWFALL	2.3								1.7	0.3																0.3						
		SNOW ON GROUND									2	2	2															T						

FEBRUARY 2017				DAILY NEW SNOWFALL FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME) AND TOTAL DEPTH OF SNOW ON GROUND (INCHES)																												IOWA CLIMATE REVIEW									
STATION	OBS TIME		TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	DAY OF MONTH							15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Rathbun Dam	7	SNOWFALL	1.8								0.1	1.5																			0.2										
		SNOW ON GROUND									I	2	1																		T										
Winterset 1 S	7	SNOWFALL	4.3		I	I					2.0	0.3																		2.0											
		SNOW ON GROUND									2	2	1																	2	I										
SOUTHEAST DIVISION																																									
Bloomfield 1 WNW	7	SNOWFALL	2.0								T	2.0																			I										
		SNOW ON GROUND										2	1																												
Burlington Airport	24	SNOWFALL	3.2		I						3.0																		0.2	I											
		SNOW ON GROUND									I	2	1																	I											
Donnellson	7	SNOWFALL	2.2								T	2.0																		0.2											
		SNOW ON GROUND									T	2	1																	T											
Fairfield	8	SNOWFALL	1.6								T	1.3																		0.3											
		SNOW ON GROUND										1	T																	T	T										
Fort Madison	24	SNOWFALL	1.0								1.0																			I											
		SNOW ON GROUND									1	1																		I											
Keokuk Lock & Dam 19	6	SNOWFALL	1.0									1.0																		I											
		SNOW ON GROUND										1	1																	I											
Keosauqua	7	SNOWFALL	2.3								T	2.3																		T											
		SNOW ON GROUND										2	1																	T											
Mount Pleasant 1 SSW	7	SNOWFALL	2.7								0.5	2.0																		0.2											
		SNOW ON GROUND									M	M	M																	M	M										
Oskaloosa	7	SNOWFALL	3.3								1.0	1.0																		1.3											
		SNOW ON GROUND									1	2	1																	1											
Ottumwa Airport	24	SNOWFALL	2.6								2.1																		0.5												
		SNOW ON GROUND									I	2	1																	I											
Salem 1 S	7	SNOWFALL	2.6								0.1	1.9																		0.6											
		SNOW ON GROUND									I	1	1																	1											
Sigourney	7	SNOWFALL	3.0								1.0	1.0																		1.0											
		SNOW ON GROUND									1	2	2																	1	I										
Washington	7	SNOWFALL	1.9		T						1.2	0.5																		0.2											
		SNOW ON GROUND									1	2	1																	T	T										
SUPPLEMENTAL STATIONS																																									
Moline Airport	24	SNOWFALL	2.3								1.3																		0.8	0.2											
		SNOW ON GROUND									1	1	T																	T											
Omaha Eppley AP	24	SNOWFALL	5.2	T							T	2.8															0.4	2.0													
		SNOW ON GROUND									1	2	2																	1	3	1									
Sioux Falls WFO AP	24	SNOWFALL	5.1	T	T		T				T																		5.0	0.1					T						
		SNOW ON GROUND		T	T	T	T	T	T	T	T	T	T	T															4	3	2	1	T								

FEBRUARY 2017		STATION INDEX		IOWA CLIMATE REVIEW						FEBRUARY 2017		STATION INDEX		IOWA CLIMATE REVIEW					
STATION NAME	DIV	COUNTY	COORDINATES						ELEV (FT)	STATION NAME	DIV	COUNTY	COORDINATES						ELEV (FT)
			LATITUDE			LONGITUDE							LATITUDE			LONGITUDE			
			DEG	MIN	SEC	DEG	MIN	SEC					DEG	MIN	SEC	DEG	MIN	SEC	
Akron	NW	Plymouth	42	49	37	96	33	21	1125	Decorah	NE	Winneshiek	43	18	15	91	47	43	860
Albia 3 NNE	SC	Monroe	41	3	56	92	47	12	890	Denison	WC	Crawford	42	2	11	95	19	44	1401
Algona 3 W	NC	Kossuth	43	4	6	94	18	19	1230	Des Moines Airport	C	Polk	41	32	2	93	39	11	957
Allerton	SC	Wayne	40	42	15	93	22	11	1110	Des Moines Camp Dodge	C	Polk	41	44	12	93	43	25	959
Allison	NC	Butler	42	45	13	92	48	8	1048	De Witt	EC	Clinton	41	48	39	90	32	26	685
Ames Airport	C	Story	41	59	26	93	37	8	955	Donnellson	SE	Lee	40	38	45	91	33	50	705
Ames 8 WSW	C	Boone	42	1	15	93	46	27	1099	Dubuque L & D 11	NE	Dubuque	42	32	24	90	38	46	620
Ames 5 SE	C	Story	41	57	7	93	33	56	870	Dubuque Airport	NE	Dubuque	42	23	52	90	42	13	1056
Anamosa 3 SSW	EC	Jones	42	5	35	91	18	7	906	Eldora	C	Hardin	42	21	55	93	5	50	1144
Ankeny	C	Polk	41	43	6	93	34	27	940	Elkader 6 SSW	NE	Clayton	42	46	31	91	27	13	788
Atlantic 1 NE	SW	Cass	41	25	3	95	0	14	1148	Emmetsburg	NW	Palo Alto	43	6	9	94	41	0	1260
Audubon	WC	Audubon	41	42	25	94	55	20	1280	Estherville Airport	NW	Emmet	43	24	4	94	44	50	1317
Battle Creek 3 NE	WC	Ida	42	22	12	95	34	30	1380	Estherville 4 E	NW	Emmet	43	24	13	94	44	50	1320
Beaconsfield	SC	Ringgold	40	48	25	94	2	51	1215	Everly 3 WNW	NW	Clay	43	11	0	95	22	59	1365
Bedford	SW	Taylor	40	40	27	94	43	28	1190	Fairfield	SE	Jefferson	41	1	16	91	57	19	746
Belle Plaine	EC	Benton	41	52	53	92	16	35	810	Fayette	NE	Fayette	42	51	1	91	48	57	1130
Bellevue L & D 12	EC	Jackson	42	15	40	90	25	23	603	Forest City 2 NNE	NC	Winnebago	43	17	4	93	37	50	1276
Bloomfield 1 WNW	SE	Davis	40	45	35	92	26	22	812	Fort Dodge 5 NNW	C	Webster	42	35	1	94	12	2	1140
Boone	C	Boone	42	2	30	93	53	26	1035	Fort Madison	SE	Lee	40	37	16	91	19	34	530
Britt	NC	Hancock	43	6	6	93	48	5	1240	Gilman	C	Marshall	41	52	41	92	46	43	1040
Brooklyn	C	Poweshiek	41	44	22	92	26	24	910	Glenwood	SW	Mills	41	3	6	95	44	57	1060
Burlington Airport	SE	Des Moines	40	46	51	91	7	9	692	Greenfield	SW	Adair	41	17	53	94	27	22	1330
Carroll	WC	Carroll	42	3	54	94	51	0	1227	Grinnell 3 SW	C	Poweshiek	41	43	13	92	44	56	912
Cascade	NE	Dubuque	42	17	56	90	59	54	870	Grundy Center	C	Grundy	42	21	53	92	45	34	1045
Castana Exp. Farm	WC	Monona	42	3	48	95	50	11	1450	Guthrie Center	WC	Guthrie	41	40	7	94	29	50	1075
Cedar Rapids Airport	EC	Linn	41	53	0	91	43	0	868	Guttenberg L & D 10	NE	Clayton	42	47	9	91	5	45	618
Cedar Rapids #1	EC	Linn	42	3	0	91	35	17	810	Hampton	NC	Franklin	42	45	22	93	12	4	1230
Centerville	SC	Appanoose	40	44	11	92	52	9	980	Harlan 1 ESE	WC	Shelby							
Chariton 1 E	SC	Lucas	41	0	59	93	16	45	940	Hastings 4 NE	SW	Mills	41	4	38	95	28	48	1050
Charles City	NC	Floyd	43	3	37	92	40	18	993	Hawarden	NW	Sioux	43	0	11	96	29	6	1190
Cherokee	NW	Cherokee	42	45	26	95	32	16	1180	Holly Springs 1 NW	WC	Woodbury	42	16	49	96	5	46	1100
Clarinda	SW	Page	40	43	28	95	1	19	980	Holstein	WC	Ida	42	29	23	95	32	56	1370
Clarion	NC	Wright	42	43	12	93	44	1	1156	Indianola 4 W	SC	Warren	41	21	56	93	38	53	942
Clinton #1	EC	Clinton	41	47	41	90	15	50	594	Ionia 2 W	NE	Chickasaw	43	2	1	92	30	6	1019
Clutier	C	Tama	42	4	48	92	24	18	900	Iowa City	EC	Johnson	41	36	33	91	30	18	640
Coggon	EC	Linn	42	16	45	91	31	30	903	Iowa City Airport	EC	Johnson	41	37	58	91	32	35	668
Cresco 1 NE	NE	Howard	43	23	22	92	5	38	1255	Iowa Falls	C	Hardin	42	31	8	93	15	13	1051
Creston 2 SW	SC	Union	41	2	14	94	23	39	1320	Jefferson 2 NW	WC	Greene							
Dakota City	NC	Humboldt	42	43	32	94	11	43	1110	Kanawha	NC	Hancock	42	55	52	93	47	36	1185
Davenport Airport	EC	Scott	41	36	42	90	34	54	748	Keokuk L & D 19	SE	Lee	40	23	48	91	22	30	527

FEBRUARY 2017			STATION INDEX			IOWA CLIMATE REVIEW			FEBRUARY 2017			STATION INDEX			IOWA CLIMATE REVIEW				
STATION NAME	DIV	COUNTY	COORDINATES						ELEV (FT)	STATION NAME	DIV	COUNTY	COORDINATES						ELEV (FT)
			LATITUDE			LONGITUDE							LATITUDE			LONGITUDE			
			DEG	MIN	SEC	DEG	MIN	SEC					DEG	MIN	SEC	DEG	MIN	SEC	
Keosauqua	SE	Van Buren	40	43	39	91	58	6	592	Postville	NE	Allamakee	43	5	24	91	33	29	1165
Knoxville	SC	Marion	41	19	29	93	6	3	915	Primghar	NW	O' Brien	43	5	11	95	37	45	1520
Lake Mills	NC	Winnebago	43	25	4	93	32	5	1260	Randolph	SW	Fremont	40	52	28	95	34	0	980
Lamoni	SC	Decatur	40	37	24	93	57	3	1128	Rathbun Dam	SC	Appanoose	40	49	30	92	53	33	965
Lamoni Airport	SC	Decatur	40	37	50	93	54	3	1135	Red Oak	SW	Montgomery	41	0	13	95	14	31	1040
Le Claire L & D 14	EC	Scott	41	34	29	90	24	2	577	Remsen #2	NW	Plymouth	42	48	37	95	58	30	1330
Le Mars	NW	Plymouth	42	46	54	96	8	45	1320	Rock Rapids	NW	Lyon	43	25	48	96	10	7	1347
Little Sioux 2 NW	WC	Harrison	41	49	35	96	3	2	1025	Rock Valley	NW	Sioux	43	12	16	96	18	22	1246
Logan	WC	Harrison	41	38	17	95	47	18	1030	Rockwell City	WC	Calhoun	42	23	49	94	37	45	1224
Lorimor	SC	Union	41	7	29	94	3	5	1230	Sac City	WC	Sac	42	25	10	94	58	34	1210
Lowden	EC	Cedar	41	51	23	90	55	48	715	Saint Ansgar	NC	Mitchell	43	22	54	92	55	24	1139
Manchester #2	NE	Delaware	42	28	24	91	27	6	990	Salem 1 S	SE	Henry	40	50	8	91	37	20	650
Mapleton #2	WC	Monona	42	9	43	95	47	1	1200	Sanborn	NW	O' Brien	43	10	45	95	39	37	1551
Maquoketa 4 W	EC	Jackson	42	2	58	90	44	56	782	Sheldon	NW	O' Brien	43	10	51	95	51	10	1420
Marshalltown	C	Marshall	42	3	53	92	55	28	871	Shenandoah	SW	Page	40	46	2	95	22	48	975
Marshalltown Airport	C	Marshall	42	6	38	92	54	58	974	Sibley	NW	Osceola	43	24	17	95	44	54	1529
Mason City	NC	Cerro Gordo	43	9	47	93	11	43	1105	Sidney 1 SSE	SW	Fremont	40	44	10	95	38	35	1140
Mason City Airport	NC	Cerro Gordo	43	9	16	93	19	37	1225	Sigourney	SE	Keokuk	41	20	11	92	12	16	800
Massena	SW	Cass	41	15	19	94	45	54	1325	Sioux Center 2 SE	NW	Sioux	43	3	21	96	9	9	1360
Moline Airport		Rock Island,IL	41	27	55	90	31	24	592	Sioux City Airport	WC	Woodbury	42	23	29	96	22	45	1095
Montezuma 1 W	C	Poweshiek	41	35	1	92	32	59	965	Sioux Falls		Minnehaha,SD	43	34	40	96	45	14	1428
Monticello	EC	Jones	42	14	28	91	10	24	820	Sioux Rapids 4 E	NW	Buena Vista	42	53	35	95	3	55	1420
Mount Ayr	SC	Ringgold	40	42	19	94	14	34	1180	Spener Airport	NW	Clay	43	9	52	95	12	6	1338
Mount Pleasant 1 SSW	SE	Henry	40	56	55	91	33	53	730	Spencer 1 N	NW	Clay	43	9	55	95	8	48	1326
Muscatine	EC	Muscatine	41	24	27	91	4	22	549	Spirit Lake 4 W	NW	Dickinson	43	25	53	95	10	56	1430
Muscatine 2 N	EC	Muscatine	41	28	17	91	3	47	680	Stanley 3 WSW	NE	Buchanan	42	38	0	91	51	48	1114
Nashua 2 SW	NC	Floyd	42	56	13	92	34	13	1059	Storm Lake	NW	Buena Vista	42	38	49	95	11	36	1442
New Hampton	NE	Chickasaw	43	2	43	92	18	44	1148	Strawberry Point	NE	Clayton	42	41	7	91	31	57	1200
Newton	C	Jasper	41	42	42	93	1	47	960	Swea City 4 W	NC	Kossuth	43	24	8	94	22	59	1239
Northwood	NC	Worth	43	26	19	93	13	31	1190	Swisher	EC	Johnson	41	50	59	91	40	35	790
Oakland	SW	Pottawattamie	41	18	16	95	23	4	1260	Toledo 3 N	C	Tama	42	2	8	92	34	50	949
Oelwein 1 E	NE	Fayette	42	40	48	91	52	30	1165	Tripoli	NE	Bremer	42	48	45	92	15	27	960
Omaha Eppley Airport		Douglas, NE	41	18	37	95	53	57	982	Underwood	SW	Pottawattamie	41	23	22	95	40	52	1080
Orange City	NW	Sioux	43	0	2	96	3	14	1380	Vinton	EC	Benton	42	10	13	92	0	28	850
Osage	NC	Mitchell	43	16	46	92	48	38	1170	Wapello	SE	Louisa							
Osceola	SC	Clarke	41	1	10	93	45	1	1028	Washington	SE	Washington	41	16	57	91	42	28	687
Oskaloosa	SE	Mahaska	41	19	17	92	38	48	830	Waterloo Airport	NE	Black Hawk	42	33	16	92	24	4	868
Ottumwa Airport	SE	Wapello	41	6	28	92	26	48	842	Webster City	C	Hamilton	42	28	7	93	47	50	1170
Pella 1 S	SC	Marion	41	22	34	92	55	13	780	Williamsburg 1 E	EC	Iowa	41	39	54	91	59	52	810
Perry	C	Dallas	41	50	22	94	6	38	965	Winterset 1 S	SC	Madison	41	18	22	94	1	6	1104
Pocahontas	NW	Pocahontas	42	43	45	94	39	41	1212	Zearing	C	Story	42	10	1	93	18	35	1116

REFERENCE NOTES

DEFINITIONS

STATION NAMES: Name of the city or locality. Figures and letters following the station name indicate the distance and direction from the post office or town community center.

NORMALS: The average of the meteorological element over the period from 1981 to 2010. Normals are calculated by the National Climatic Data Center and are revised once every 10 years. The precipitation and snowfall normals are strictly an average of the values recorded during the 1981-2010 period. However, temperature and degree day normals may have been adjusted to better correspond to the current (as of 2010) temperature measurement practice and thus may vary slightly from the average of the original 30-year values.

DEGREE DAYS: One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature [average of the daily maximum and minimum air temperature] is BELOW (ABOVE) 65°F. Degree days are used to provide a measure of the effect of temperature upon energy consumption for heating or cooling of homes or buildings. The greater the heating (cooling) degree day total, the greater the amount of energy needed to heat (cool) your home or building.

PRECIPITATION: Values shown in hundredths of an inch are water equivalent totals, i.e., total of liquid (rain) and melted frozen (snow, sleet, hail) precipitation. The snowfall data tables include the unmelted depth of snow and sleet in tenths of an inch. The depth of snow on the ground (SN ON GROUND) refers to the depth of all snow or ice (new or old). This 'Snow on Ground' value is the depth of snow on the ground at the time of the precipitation observation at all stations *except*: Burlington, Davenport, Des Moines, Dubuque, Mason City, Moline, Omaha, Ottumwa, Sioux City and Sioux Falls Airports where the snow depth is measured at 6 a.m. CST while the new snowfall is that for the 24 hour period ending at midnight. Daily precipitation and snowfall amounts are for the 24 hours ending at the time of observation (given in the 'OBS TIME' column). An asterisk in the daily precipitation table indicates that the rain gage was not read that day. A multi-day precipitation total is included in the amount immediately following the asterisks.

TEMPERATURE: The daily maximum (MAX) and minimum (MIN) temperatures are recorded for the 24 hours ending at the time of observation. The significance of the time of observation in interpreting these data is discussed in the preceding paragraph.

TIME OF OBSERVATION: At most locations measurements of temperature and precipitation are made only once daily at the same hour of the day. This time is referred to as the 'Time of Observation' and is given in the 'OBS TIME' column of the data tables. All observations, unless otherwise noted, are for the 24 hour period ending at the time of observation. Note that in most cases the resulting data are not for calendar day (i.e., midnight-to-midnight) periods and further that the temperature observations may be made at a different time than the precipitation observation at the same station. See the **PRECIPITATION** paragraph in this section for a further explanation of the significance of the time of observation. All times are expressed on a 24-hour clock (i.e., 7 a.m. = 7; 5 p.m. = 17; midnight = 24, etc.).

SYMBOLS USED IN THE DAILY AND MONTHLY DATA TABLES.

' ' Underlined data in the daily temperature, precipitation and snowfall tables indicates that the data in question has been estimated. Estimated data are provided when the original measurements are not available or are of suspect accuracy.

ITALICS. Data given in italics in the daily precipitation or snowfall tables indicate that the date on which the precipitation was reported has been changed from what was given on the original reports.

'+' A plus sign in the monthly summarized data tables indicates that the temperature or precipitation extreme given also occurred on one of more earlier dates during the month.

BLANK ENTRIES: Blank entries in the monthly summarized data table indicates that no data are available. Blank entries in the daily precipitation and snowfall data tables indicates that no precipitation was recorded. M = missing, no data recorded.

ABBREVIATIONS:

TMP DEP NOR: Temperature departure from the 1981-2010 normal.

EXT MAX: Extreme maximum temperature for the month and the day on which it was measured.

EXT MIN: Extreme minimum temperature for the month and the day on which it was measured.

MAX 90+: Number of days with maximum temperatures which were greater than or equal to 90°F.

MAX 32-: Number of days with maximum temperatures which were less than or equal to 32°F.

MIN 32-: Number of days with minimum temperatures which were less than or equal to 32°F.

MIN 0°: Number of days with minimum temperatures which were less than or equal to 0°F.

16/17 SEAS: 2016-2017 season (July 1, 2016 through the end of the published month).

NOR SEAS: Normal number of degree days through the end of the published month.

DEP NORM: Monthly precipitation total departure from 1981-2010 normal.

EXT DAY: Extreme one-day precipitation amount and the day on which it occurred.

.01+: Number of days with precipitation of 0.01 inch or greater.

.10+: Number of days with precipitation of 0.10 inch or greater.

1.00+: Number of days with precipitation of 1.00 inch or greater.

MAX ON GRD: Maximum depth of accumulated snow on the ground (inches) and the day on which it was measured.

OBS TIME: Observation Time: The time (24-hour clock) at which the daily temperature and/or precipitation measurement is made (7 = 7 a.m.; 17 = 5 p.m.; 24 = midnight).

DIV: Climate Division: NW = northwest, NC = north central, etc.

LAT: Latitude in degrees and minutes north.

LON: Longitude in degrees and minutes west.

T: Trace: < 0.005" of precipitation; < 0.05" snowfall or <0.5" snow on ground.

