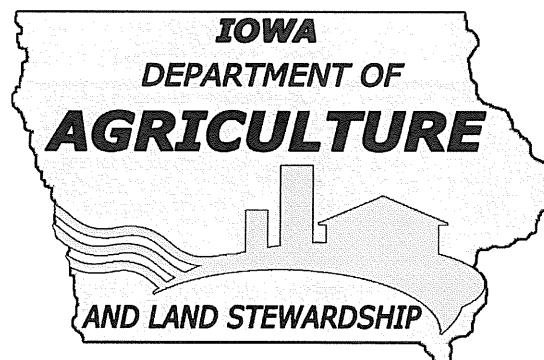


Iowa Department of Agriculture & Land Stewardship  
BILL NORTHEY, Secretary of Agriculture

STATE CLIMATOLOGIST OFFICE

# IOWA CLIMATE REVIEW

VOLUME 31, NUMBER 4  
APRIL 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.

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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 – APRIL 2017

General Summary. Iowa temperatures averaged 50.8° or 1.9° above normal while precipitation totaled 3.89 inches or 0.38 inches above normal. This ranks as the 23<sup>rd</sup> warmest and 35<sup>th</sup> wettest April among 145 years of records. A warmer April was last recorded in 2012 and a wetter one in 2013. This was the 13<sup>th</sup> consecutive April with a statewide average precipitation amount in excess of the historical April average of 3.05 inches (1873-2016).

Temperatures. Warmer than usual weather prevailed for 16 of the first 20 days of the month, averaging 6.3° above normal. However, cloudy, wet and cold weather prevailed late in the month, particularly for the final five days of April which averaged 11.6° cooler than normal. Temperature extremes for the month varied from a high of 84° at Lamoni on the 19<sup>th</sup> to a low of 20° at Battle Creek on the morning of the 7<sup>th</sup>. However, probably the most significant temperature event of the month was a hard freeze across most of the northern one-third of Iowa on the morning of the 28<sup>th</sup>. Temperatures fell to 22° at Mason City and Spencer. While freezes are not uncommon at this time of year in northern Iowa the mild weather prevailing for much of the late winter and early spring accelerated development of horticultural crops and may have left them more susceptible to freeze damage. Meanwhile, a handful of locations in far southern and extreme eastern Iowa have not recorded a freeze since March 22.

Heating Degree Day Totals. Home heating requirements, as estimated by heating degree day totals, averaged 14% less than usual

during April and 7% less than last year. Heating requirements thus far this season (since July 1, 2016) are running 16% less than normal and 2% less than last season at this time.

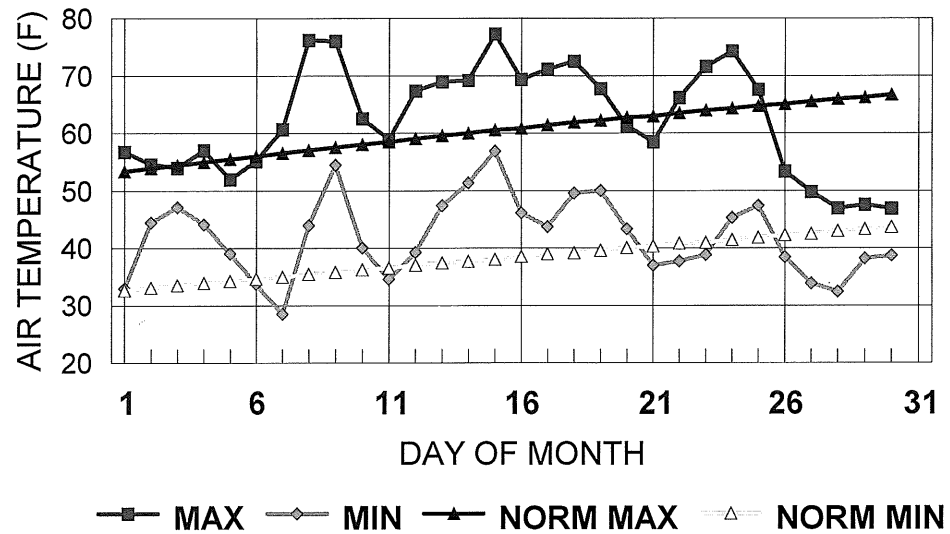
Precipitation. April precipitation totals varied from 1.88 inches at Estherville to 7.85 inches at Chariton. With a few exceptions, rain totals were below normal over most of northwest and west central Iowa, roughly north and west of a line from Council Bluffs to Ames to Forest City. At Chariton a higher April precipitation total has been recorded only twice (1897 and 1991) among 123 years of data.

Severe Weather. There were three severe weather outbreaks during the month. The most widespread event came on the evening of the 15<sup>th</sup> with severe weather, mostly in the form of large hail, reported from 28 counties with hail to baseball size in Black Hawk and Plymouth counties. Another event on the night of the 9<sup>th</sup> generated severe weather reports from 15 counties, again mostly in the form of hail, with largest hail of 2.5 inches in diameter from Mitchell County. Finally, one last event on the evening of the 19<sup>th</sup> brought severe weather reports, mostly high winds, to eight counties.

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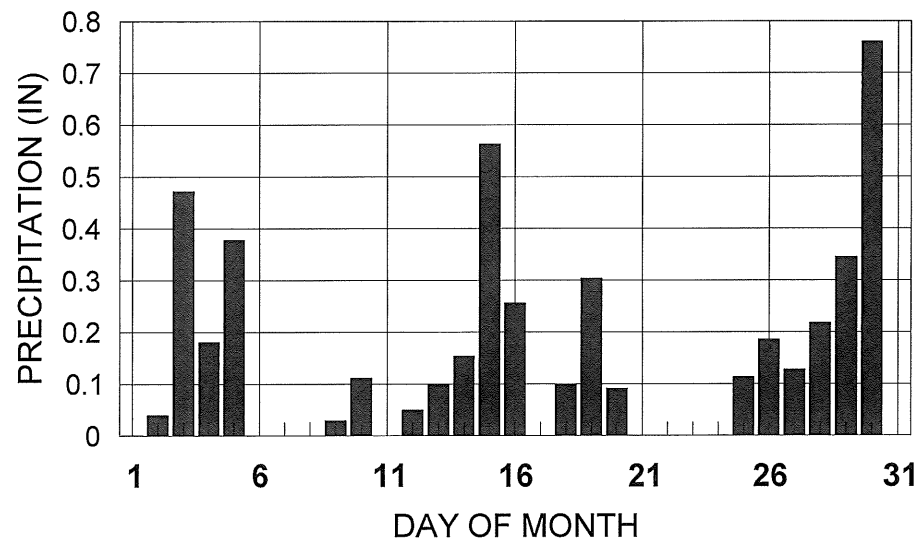
## IOWA DAILY MAX & MIN TEMPERATURES

APRIL 2017 (SELECTED STATIONS)



## IOWA AVERAGE DAILY PRECIPITATION

APRIL 2017 (SELECTED STATIONS)



APRIL 2017																																IOWA CLIMATE REVIEW
	DAY OF MONTH																															
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	2.4	6.9	7.7	9.6	10.3	13.6	6.9	13.0	12.6	12.2	8.2	7.6	9.7	11.5	12.1	9.6	4.7	10.2	12.5	16.5	10.6	6.1	6.6	14.6	8.4	16.0	12.4	9.9	14.7	13.8		10.4
Burlington	4.8	6.9	7.3	6.4	19.8	13.8	6.7	13.0	16.3	13.7	8.0	6.9	7.0	8.3	17.5	9.1	4.4	10.4	7.3	13.1	10.4	11.0	2.8	8.9	11.5	9.1	8.0	11.0	18.6	13.1		10.2
Cedar Rapids	3.0	8.1	8.1	9.2	16.6	17.2	6.3	13.8	16.0	13.1	11.4	9.6	13.9	11.5	13.3	10.2	6.0	11.0	11.9	19.1	11.9	6.5	4.5	11.5	8.8	12.5	13.5	11.5	17.6	17.9		11.5
Davenport	3.6	8.9	8.8	8.0	20.4	15.9	6.1	16.0	18.4	13.7	12.3	9.5	13.1	11.8	17.5	11.7	3.8	12.2	9.3	18.0	10.8	9.4	4.1	12.1	13.9	11.8	14.1	11.5	20.6	16.4		12.1
Des Moines	3.7	6.8	7.7	9.9	11.1	11.8	6.7	13.5	14.1	13.8	9.6	9.2	8.8	10.5	12.4	7.6	5.2	10.4	12.2	16.6	11.0	6.6	6.5	14.9	9.8	16.0	12.6	12.6	16.6	13.7		10.7
Dubuque	1.9	8.4	9.1	6.8	13.9	17.7	7.8	16.9	17.0	12.7	11.5	9.3	12.0	12.0	17.3	12.4	7.8	14.0	10.8	16.2	11.8	5.4	5.9	13.9	12.3	12.0	13.4	9.5	18.0	18.9		11.9
Estherville	5.3	9.7	9.5	10.8	11.7	13.0	14.4	18.8	11.3	17.8	9.1	10.8	11.7	16.1	13.3	11.7	9.7	18.8	15.0	16.1	8.4	6.5	13.4	18.2	14.4	19.6	14.5	8.1	16.4	20.7		13.2
Iowa City	2.2	6.8	6.3	8.4	15.4	14.4	4.2	11.8	13.3	11.2	10.3	6.5	10.1	8.7	11.7	9.5	2.1	8.3	8.6	15.9	10.1	6.5	2.3	9.4	6.7	11.1	11.4	9.4	15.8	13.0		9.4
Lamoni	5.5	6.1	8.6	9.9	17.1	12.2	7.6	13.1	14.7	15.1	8.1	8.6	7.3	10.3	14.4	8.4	5.1	10.0	13.0	14.3	10.6	9.5	6.2	12.4	9.2	15.8	11.2	14.0	18.9	12.9		11.0
Marshalltown	3.1	10.1	9.2	9.4	11.6	15.2	7.1	15.7	15.8	11.0	10.7	9.2	14.3	12.3	13.9	10.8	4.6	12.1	13.5	17.6	12.4	7.0	6.9	15.9	8.6	17.0	14.9	11.3	18.5	19.1		12.0
Mason City	5.1	9.5	9.9	11.2	11.3	14.1	8.7	15.2	7.4	13.3	10.4	8.7	12.5	12.7	10.4	12.0	6.9	14.2	12.4	16.6	9.2	5.2	10.2	15.2	10.0	16.7	14.6	6.3	15.9	17.7		11.5
Moline, IL	2.6	6.7	5.8	7.4	16.9	13.9	5.0	12.4	14.9	13.6	10.4	6.9	11.4	11.2	14.9	10.9	2.4	10.4	7.6	15.6	9.2	7.8	2.3	8.3	11.7	9.2	11.9	6.8	16.1	14.7		10.0
Omaha, NE	5.6	5.6	9.0	10.8	12.6	11.5	13.6	15.6	12.5	11.6	5.4	10.5	6.0	13.6	10.4	9.0	6.8	10.4	11.5	12.6	9.2	8.2	10.3	18.7	15.0	17.4	7.6	11.7	17.4	16.3		11.2
Ottumwa	4.1	9.2	8.5	10.3	19.6	18.0	6.9	15.9	18.8	13.8	9.1	9.6	8.6	10.9	15.3	9.6	5.7	11.5	11.3	15.4	10.1	10.1	4.8	14.2	10.4	12.2	10.7	12.3	18.4	15.4		11.7
Sioux City	5.8	7.7	7.5	10.3	12.0	9.1	13.8	13.0	9.9	13.1	5.9	9.0	10.4	11.5		6.1	7.4	12.5	12.7	13.8	7.0	3.9	13.6	15.8	15.0	20.8	11.2	9.1	14.9	15.5		11.0
Sioux Falls, SD	5.3	11.7	9.1	8.3	7.8	8.8	17.2	11.5	15.5	12.1	5.8	9.0	13.0	12.7	8.1	6.9	10.6	15.6	12.4	11.9	4.5	2.7	13.8	14.1	13.6	16.2	11.9	9.3	13.6	17.8		11.0
Spencer	4.6	9.3	10.2	9.6	11.7	12.7	13.4	14.7	13.2	16.1	8.4	10.6	13.3	12.9	11.1	9.1	9.3	17.8	14.4	14.3	8.6	5.0	13.0	19.1	14.1	16.0	11.8	9.1	16.6	21.2		12.5
Waterloo	2.4	8.4	8.0	8.3	10.2	16.1	6.4	13.7	14.9	9.8	9.5	9.0	13.4	11.3	13.0	12.4	4.2	12.8	12.2	13.5	10.4	4.4	6.2	14.3	7.6	12.8	11.7	7.7	15.0	17.8		10.6
PRELIMINARY MAXIMUM 5-SECOND WIND GUST (MPH)																																MAX
Ames	10	21	17	25	30	34	23	31	30	28	22	25	22	29	36	29	19	35	30	33	26	19	24	42	24	30	30	27	42	35		42
Burlington	16	23	30	18	42	34	19	31	38	40	25	23	23	36	39	33	17	29	21	30	24	28	15	25	31	32	26	23	43	37		43
Cedar Rapids	17	24	26	24	42	37	17	32	36	59	28	25	31	32	45	29	20	35	28	36	28	22	27	33	28	24	29	23	45	50		59
Davenport	12	23	20	22	39	33	15	33	37	51	28	24	28	27	39	31	17	34	35	37	24	23	16	31	32	27	33	28	46	35		51
Des Moines	13	16	17	23	31	32	24	31	35	36	23	23	26	33	35	23	18	33	35	36	26	22	23	41	24	29	26	24	44	37		44
Dubuque	10	20	22	19	40	35	23	35	35	35	25	29	27	28	36	35	28	38	29	35	26	19	20	34	29	24	32	22	43	39		43
Estherville	13	23	22	26	28	30	34	36	36	30	20	26	26	35	37	29	25	39	33	33	21	16	29	44	32	35	31	25	38	38		44
Iowa City	14	19	16	17	44	34	14	34	34	47	24	22	27	26	38	27	17	32	24	37	25	29	14	32	26	25	28	23	45	40		47
Lamoni	17	17	20	22	45	30	20	34	44	36	22	23	17	29	38	28	15	30	39	32	32	31	18	40	25	29	27	29	51	35		51
Marshalltown	15	26	20	24	35	38	21	34	35	32	25	23	26	23	37	27	20	37	38	33	27	20	20	42	23	31	29	28	41	42		42
Mason City	12	23	22	26	33	38	23	36	28	24	21	21	23	28	27	28	20	33	49	34	21	19	26	42	21	30	28	25	38	39		49
Moline, IL	9	21	20	18	37	34	16	31	32	50	27	21	25	32	47	30	17	31	32	33	24	22	11	32	33	24	31	22	40	39		50
Omaha, NE	18	17	19	26	32	30	33	29	38	31	18	29	19	38	28	26	22	31	28	33	25	24	30	43	35	33	24	35	39	47		47
Ottumwa	12	31	18	23	45	37	15	34	35	44	26	22	22	37	42	26	16	32	35	34	24	29	14	36	26	25	24	27	42	39		45
Sioux City	18	23	19	28	27	25	34	27	33	30	20	19	23	30		18	19	36	33	39	20	16	36	38	37	37	25	25	35	37		39
Sioux Falls, SD	24	28	22	23	35	23	46	29	34	31	17	25	26	32	25	25	17	36	36	31	18	16	39	41	28	32	24	27	33	39		46
Spencer	16	22	25	31	23	32	33	35	35	33	23	25	24	31	30	23	25	32	36	36	24	16	25	44	34	34	30	26	41	40		44
Waterloo	13	22	18	24	29	38	21	32	34	29	27	29	25	23	33	39	20	34	37	30	24	15	20	36	24	25	25	20	35	39		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.																																

APRIL 2017				MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA																				IOWA CLIMATE REVIEW							
				TEMPERATURE (F)																PRECIPITATION (inches)				SNOWFALL (inches)							
								NUMBER OF DAYS				HEATING DEGREE DAYS				COOLING DEGREE DAYS								NUMBER OF DAYS				SNOWFALL (inches)			
				AVG	AVG		DEP	EXT		EXT		MAX	MAX	MIN	MIN	APR	APR	16-17	NORM	APR	APR	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	58.8	37.1	48.0	0.5	77	9	23	7	0	0	10	0	504	534	6298	7076	0	7	0	7	2.45	-0.62	0.66	20	9	8	0	0.0			
Emmetsburg	58.8	39.4	49.1	3.1	79	9	26	28	0	0	5	0	471	574	6218	7522	0	4	0	4	2.24	-1.12	0.60	20	9	8	0	0.0			
Estherville Airport	57.6	38.3	48.0	1.2	77	8	23	28	0	0	6	0	503	546	6537	7461	0	2	0	2	2.73		1.01	30	10	6	1	T			
Estherville 4 E	57.1	37.0	47.1	1.6	77	9	24	28	0	0	6	0	535	589	6687	7561	0	4	0	4	1.88	-1.42	0.46	26	9	7	0	0.0			
Everly 3 WNW																					2.25		0.62	15	10	6	0	0.0			
Hawarden	60.1	37.4	48.8	1.5	81	9	26	12	0	0	8	0	479	540	6260	7182	0	7	0	7	2.73	-0.45	0.70	18	8	7	0	0.0			
Le Mars	60.4	37.2	48.8	1.1	80	9	24	11	0	0	7	0	478	525	6129	7082	0	7	0	7	2.11	-0.86	0.43	15	10	7	0	0.0			
Orange City																					2.45		0.60	15	8	6	0	T			
Pocahontas	59.0	39.4	49.2	1.4	77	10	26	7	0	0	6	0	467	524	6172	7132	0	8	0	8	3.09	-0.26	0.92	20	12	8	0	T	T	27	
Primghar	61.0	40.5	50.8	1.4	77	9	26	11	0	0	5	0	422	479	5788	6819	0	11	0	11	3.82	0.68	1.25	30	10	8	1	0.0			
Remsen #2																					2.43		0.62	15	9	7	0	0.0			
Rock Rapids	58.8	36.9	47.9	1.6	79	9	26	28	0	0	8	0	507	565	6444	7474	0	5	0	5	2.11	-1.00	0.54	20	8	7	0	0.0			
Rock Valley																					2.27	-0.72	0.73	20	8	6	0	T	T	11	
Sanborn	57.4	37.8	47.6	1.7	76	9	25	11	0	0	7	0	515	577	6493	7539	0	4	0	4	2.75	-0.50	0.77	20	8	6	0	0.0			
Sheldon	58.5	35.7	47.1	2.4	78	9	24	28	0	0	10	0	531	612	6515	7810	0	3	0	3	2.80	-0.49	0.66	20	9	7	0	T			
Sibley	57.3	36.0	46.7	1.5	78	9	26	28	0	0	8	0	543	598	6716	7690	0	4	0	4	2.59	-0.65	0.64	20	10	8	0	0.0			
Sioux Center 2 SE	62.0	39.9	51.0	1.2	79	9	26	11	0	0	5	0	414	469	5792	6759	0	11	0	11	2.94	-0.20	0.71	15	11	7	0	T			
Sioux Rapids 4 E	58.9	39.9	49.4	1.6	76	8	27	28	0	0	4	0	462	521	6088	7152	1	6	1	6	3.87	0.56	1.53	30	12	8	1	T			
Spencer Airport	59.8	38.2	49.0	2.3	79	8	22	28	0	0	9	0	470	550	6233	7379	0	3	0	3	3.03		1.36	30	11	6	1	T			
Spencer 1 N	58.9	39.0	49.0	2.2	77	8	23	28	0	0	7	0	474	552	6268	7359	0	6	0	6	3.80	0.55	1.72	30	12	8	1	0.0			
Spirit Lake 4 W	58.0	39.0	48.5		77	8	27	28	0	0	7	0	487		6243		0		0		3.60		1.30	30	11	9	1	0.2	T	30	
Storm Lake	58.4	39.3	48.9	0.7	75	16	28	29	0	0	4	0	476	512	6147	7027	0	7	0	7	2.08	-1.91	0.79	20	13	6	0	0.0			
NORTH CENTRAL DIVISION																															
Algona 3 W	58.3	38.4	48.4	2.4	77	9	26	29	0	0	7	0	492	574	6370	7480	0	4	0	4	2.74	-0.51	0.46	15	10	9	0	0.0			
Allison	59.3	39.6	49.5	1.3	78	10	28	29	0	0	4	0	455	511	6087	7126	0	6	0	6	3.78	0.35	0.95	20	11	7	0	0.0			
Britt									0	0		0		580		7545		4		4			1.10	20			1	0.0			
Charles City	58.6	40.8	49.7	1.5	75	9	27	28	0	0	3	0	451	510	6197	7099	0	6	0	6	4.14	0.61	1.20	20	12	6	2	T			
Clarion	59.3	38.9	49.1	1.4	78	10	26	8	0	0	8	0	469	525		7121	0	7	0	7			0.90	20		7	0	0.0			
Dakota City	58.9	39.0	49.0	1.9	77	10	27	8	0	0	6	0	475	538	6137	7208	0	2	0	2	3.50	-0.46	1.01	20	11	8	1	0.0			
Forest City 2 NNE	57.0	38.2	47.6	1.2	74	10	23	8	0	0	6	0	515	563	6637	7473	0	4	0	4	3.13	-0.52	0.92	20	11	7	0	0.0			
Hampton	59.8	39.3	49.6	2.8	76	10	27	28	0	0	6	0	456	552	6060	7200	0	5	0	5	3.25	-0.46	0.80	20	11	6	0	0.0			
Kanawha																					3.36	-0.32	0.88	20	11	9	0	0.0			
Lake Mills																					3.02	-0.75	1.14	20	11	7	1	0.0			
Mason City	58.5	39.6	49.1	3.1	76	10	27	29	0	0	7	0	472	574	6301	7484	0	5	0	5	4.57	1.02	1.48	20	15	9	2	0.0			
Mason City Airport	58.8	38.8	48.8	2.1	75	9	22	28	0	0	5	0	475	555	6408	7400	0	5	0	5	4.37	0.62	1.17	19	14	10	1	T			
Nashua 2 SW																					3.50		0.96	20	10	7	0	T			
Northwood					72	10			0	0		0		598		7736		4		4	3.96	0.35	1.20	20	13	8	1	0.0			
Osage	58.9	41.0	50.0	3.4	75	10	28	28	0	0	4	0	443	556	6341	7445	0	4	0	4	3.93	0.09	1.37	20	10	6	1	T			
Saint Ansgar																					4.43		1.28	20	14	10	2	0.0			
Swea City 4 W	57.4	37.5	47.5	1.8	77	9	25	28	0	0	6	0	521	584		7682	0	3	0	3	2.18	-0.98	0.69	20	11	7	0	0.0			
NORTHEAST DIVISION																															
Cascade	62.1	40.8	51.5	3.8	80	16	30	2	0	0	5	0	405	526	5558	6918	6	5	6	5	4.01	0.70	1.59	16	14	9	1	T			
Cresco 1 NE	58.1	37.5	47.8	2.9	75	10	23	7	0	0	8	0	509	606		7771	0	3	0	3	4.41	0.87	1.03	4	13	6	1	0.0			
Decorah	61.8	40.4	51.1	2.3	76	8	25	7	0	0	4	0	410	493	5936	6872	0	7	0	7	5.56	1.95	1.71	15	13	7	2	0.0			
Dubuque Lock & Dam 11	60.9	41.0	51.0	1.8	80	16	32	28	0	0	2	0	420	480	5751	6570	6	6	6	6	3.81	0.39	0.86	16	14	11	0	0.0			

APRIL 2017	MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA																								REC			PITAT ION (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	APR	APR	16-17	NORM	APR	APR	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	60.5	40.7	50.6	2.4	78	15	30	28	+	0	0	4	0	429	510	5799	6821	5	5	5	5	4.99	1.33	2.25	15	17	11	1	0.1	T	27		
Elkader 6 SSW	60.4	37.6	49.0	1.3	78	10	23	8	+	0	0	10	0	474	524	6182	7120	2	6	2	6	3.85	0.07	1.06	20	13	9	1	T				
Fayette	59.6	39.4	49.5	2.8	75	16	+	27	29	+	0	0	6	0	459	553	6196	7323	0	4	0	4	4.11	0.20	1.16	20	15	7	1	0.0			
Guttenberg L & D 10	61.3	43.4	52.4	2.3	77	9		31	7		0	0	3	0	380	457	5540	6516	5	8	5	8	3.60	0.11	0.88	20	13	8	0	0.0			
Ionia 2 W																					4.25		1.40	20	10	5	2	0.0					
Manchester #2	59.8	38.7	49.3	2.5	76	16	+	26	8	+	0	0	8	0	463	549	6082	7160	0	4	0	4	3.46	-0.07	0.60	15	13	9	0	0.0			
New Hampton	57.9	39.1	48.5	2.2	75	10		27	28		0	0	6	0	487	564	6496	7555	0	3	0	3	3.68	-0.43	1.05	20	11	5	2	0.0			
Postwein 1 E	60.5	39.7	50.1	3.2	79	10		26	28		0	0	6	0	443	544	6037	7236	2	0	2	0	3.06	-0.64	0.90	20	8	7	0	0.0			
Postville	59.0	38.8	48.9		76	10		28	28	+	0	0	7	0	478		6329		0		0		4.50	0.55	1.30	20	9	8	2	0.0			
Stanley 3 WSW	59.4	37.7	48.6		77	10		22	7		0	0	7	0	490				0		0		3.20		0.78	20	12	8	0	0.0			
Strawberry Point																					4.52		1.44	20	13	10	1	T					
Tripoli	59.8	40.1	50.0	2.9	78	10		27	7		0	0	6	0	447	541	6117	7246	1	4	1	4	4.72	0.96	1.48	15	15	7	2	0.0			
Waterloo Airport	61.9	40.6	51.3	2.4	79	9		23	7		0	0	5	0	412	491	5791	6816	6	8	6	8	3.51	-0.19	0.96	3	13	8	0	0.0			
WEST CENTRAL DIVISION																																	
Audubon	59.4	37.9	48.7	0.3	78	10		23	8	+	0	0	9	0	483	505	5951	6846	0	7	0	7	2.33	-1.33	0.50	15	11	8	0	T			
Battule Creek 3 NE	60.0	37.3	48.7		77	10		20	7		0	0	8	0	483		6150		0		0		3.42		1.05	15	11	8	1	T			
Carroll	60.6	39.2	49.9	1.9	80	10		26	7		0	0	6	0	446	517	5813	6858	0	7	0	7	2.21	-1.27	0.87	20	10	6	0	T			
Castana Exp. Farm	59.9	39.6	49.8	1.5	76	10		26	11		0	0	5	0	451	508	5776	6763	0	7	0	7	2.38	-1.03	0.79	20	10	7	0	0.0			
Denison	58.4	38.2	48.3	-0.9	79	10		26	12	+	0	0	7	0	493	484	6020	6477	0	10	0	10	3.04	-0.26	1.11	20	10	6	1	T			
Guthrie Center	61.4	40.3	50.9	1.9	78	10		27	7		0	0	3	0	417	490	5623	6665	0	10	0	11	3.15	-0.61	0.78	15	10	8	0	T			
Holly Springs 1 NW																					1.98		0.54	15	12	7	0	T					
Holstein	59.1	39.5	49.3		77	8		25	11		0	0	6	0	463		6021		0		0		2.03	-1.22	0.54	15	8	6	0	T			
Little Sioux 2 NW	61.9	37.7	49.8		80	16	+	23	12	+	0	0	5	0	445		5746		0		0		3.89		0.93	15	14	8	0	0.2			
Logan	62.1	40.6	51.4	1.9	79	10		25	11		0	0	2	0	403	475	5495	6530	0	10	0	10	2.84	-0.43	0.72	15	11	7	0	0.0			
Mapleton #2	59.6	36.8	48.2	-0.3	75	10	+	24	8	+	0	0	9	0	494	502	6040	6864	0	8	0	8	2.65	-0.72	0.86	20	10	8	0	T			
Rockwell City	60.7	39.6	50.2	2.6	79	10		28	8	+	0	0	8	0	439	529	5866	7067	0	6	0	6	3.68	0.26	1.22	16	10	8	1	T			
Sac City	58.6	37.7	48.2	1.3	75	10	+	25	8		0	0	8	0	498	549	6172	7204	0	6	0	6	3.76	0.21	1.35	20	10	8	1	T			
Sioux City Airport	61.4	38.9	50.2	0.6	79	8		23	11		0	0	9	0	439	474	5446	6652	1	11	1	11	2.93	-0.02	1.46	30	12	7	1	T			
CENTRAL DIVISION																																	
Ames Airport	61.9	42.2	52.1	2.5	78	9		28	7		0	0	2	0	383	466	5429	6622	3	3	3	3	3.84		1.10	30	10	8	1	0.0			
Ames 8 WSW	62.3	43.1	52.7	1.9	77	10	+	32	28	+	0	0	3	0	365	437	5229	6374	3	11	3	12	3.06	-0.66	0.66	3	15	8	0	0.0			
Ames 5 SE	61.1	40.1	50.6	1.9	78	10		27	8		0	0	4	0	425	493		6724	0	4	0	4	2.63	-0.92	0.49	15	9	7	0	0.0			
Ankeny	62.4	42.0	52.2	2.2	79	10		27	7		0	0	2	0	377	461	5362	6398	0	10	0	11	3.53	-0.18	0.85	16	12	7	0	0.0			
Boone	60.8	39.9	50.4	1.9	77	10		26	7		0	0	5	0	429	503	5733	6798	0	8	0	8	3.24	-0.65	0.61	4	11	7	0	0.0			
Brooklyn																					4.11	0.66	1.02	4	13	9	1	0.0					
Clutier																					4.55	0.63	1.58	16	14	8	2	0.0					
Des Moines Airport	65.0	45.7	55.4	3.7	81	9		31	7		0	0	1	0	297	412	4715	6039	15	13	15	14	4.16	0.30	1.09	30	15	9	1	T			
Des Moines Camp Dodge	62.6	44.0	53.3	2.4	79	9		30	7		0	0	1	0	352	432	5097	6273	7	7	7	8	5.20	1.49	1.24	15	13	8	2	T			
Eldora	59.6	39.2	49.4	1.8	78	10		27	8	+	0	0	7	0	462	528	6000	7042	0	6	0	6	3.43	-0.36	0.93	16	10	7	0	T			
Fort Dodge 5 NNW	59.5	39.2	49.4	1.6	78	10		27	29	+	0	0	6	0	461	522	6118	7056	0	6	0	6	3.15	-0.53	0.57	4	10	9	0	T			
Gilman																					3.38	-0.29	0.85	4	12	9	0	0.0					
Grinnell 3 SW	61.1	38.9	50.0	2.7	76	10		22	8	+	0	0	6	0	442	536	5666	6847	0	5	0	5	3.89	0.30	0.96	4	15	9	0	0.0			
Grundy Center	60.3	39.6	50.0	2.6	78	10		26	8		0	0	5	0	444	534	5886	7042	0	6	0	6	3.58	-0.17	0.90	16	8	7	0	0.0			
Iowa Falls	59.9	39.3	49.6	2.4	77	10		27	8	+	0	0	6	0	456	538	6063	7103	0	4	0	4	3.48	-0.35	0.95	20	10	8	0	0.0			
Marshalltown	61.1	39.6	50.4	2.2	78	10		26	8	+	0	0	5	0	432	510	5657	6871	0	6	0	6	3.42	-0.21	1.17	16	13	6	1	0.0			
Marshalltown Airport	61.9	41.2	51.6	2.6	78	9		25	7		0	0	4	0	400	484	5611	6785	4	4	4	4							T				

APRIL 2017	MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA																								IOWA CLIMATE REVIEW									
	TEMPERATURE (F)																PRECIPITATION (Inches)										SNOWFALL (Inches)							
									NUMBER OF DAYS				HEATING DEGREE DAYS				COOLING DEGREE DAYS								NUMBER OF DAYS			SNOWFALL (Inches)						
	AVG	AVG		DEP	EXT		EXT		MAX	MAX	MIN	MIN	APR	APR	16-17	NORM	APR	APR	2017	NORM		DEP	EXT											
STATION	MAX	MIN	MEAN	NORM	MAX	DAY	MIN	DAY	90+	32-	32-	0-	2017	NORM	SEAS	SEAS	2017	VORM	SEAS	SEAS	TOTAL	NORM	DAY	DAY	0.01+	0.10+	1.00+	TOTAL	GND	DAY				
Montezuma 1 W																					4.64	1.19	1.19	4	14	10	1	0.0						
Newton	62.2	40.9	51.6	2.7	78	10	32	8	0	0	2	0	396	489	5482	6672	0	6	0	7	2.62	-0.97	0.62	4	10	8	0	0.0						
Perry	62.2	40.5	51.4	2.7	79	14	27	7	0	0	2	0	406	497	5444	6701	1	8	1	8	3.60	0.23	1.10	4	12	8	1	0.0						
Toledo 3 N	60.9	38.9	49.9	2.0	77	10	27	8	0	0	6	0	446	518	5830	6868	0	5	0	5	2.84	-0.58	1.01	16	10	7	1	0.0						
Webster City	59.6	37.9	48.8	1.1	77	10	25	8	0	0	6	0	481	525	6071	7043	0	5	0	5	3.16	-0.24	0.87	4	11	8	0	0.0						
Zearing																					2.62	-0.68	0.78	16	9	7	0	0.0						
EAST CENTRAL DIVISION																																		
Anamosa 3 SSW	61.4	40.1	50.8	2.8	77	16	29	8	0	0	4	0	420	517	5563	6907	2	6	2	6	5.89	2.24	2.65	16	18	8	1	T						
Belle Plaine	62.4	40.4	51.4	2.8	79	10	27	7	0	0	4	0	403	497	5501	6809	1	6	1	6	5.02	1.64	1.90	16	12	9	2	0.0						
Bellevue Lock & Dam 12	62.4	40.4	51.4	2.4	81	16	31	8	0	0	7	0	408	489	5505	6606	8	7	8	7	3.64	0.20	1.12	16	16	9	1	0.0						
Cedar Rapids Airport	63.0	41.8	52.4	3.2	80	15	26	7	0	0	2	0	379	481	5511	6645	9	7	9	7	4.30		0.66	5	16	11	0	0.0						
Cedar Rapids #1	65.4	42.3	53.9	2.4	81	15	27	7	0	0	3	0	339	417	5163	6129	10	13	10	14	6.34	2.92	2.72	16	15	11	1	0.0						
Clinton #1	65.3	44.0	54.7	2.9	80	15	29	7	0	0	2	0	319	411	4999	6035	15	13	15	14	6.26	3.34	1.44	16	14	11	1	0.0						
Coggon	60.7	38.5	49.6		78	16	28	8	0	0	8	0	457		5959		1		1		3.94		1.36	16	15	8	1	0.0						
Davenport Airport	63.9	42.5	53.2	2.9	81	15	29	7	0	0	2	0	360	446	5218	6304	13	6	13	6	5.00		0.95	29	14	11	0	T						
De Witt																					5.95	2.62	2.08	16	15	11	1	0.0						
Iowa City	63.3	40.9	52.1	-0.2	80	16	29	7	0	0	4	0	384	393	5352	5902	5	13	5	14	4.67	1.13	1.04	16	12	10	1	0.0						
Iowa City Airport	65.3	44.2	54.8	3.8	81	15	30	7	0	0	2	0	313	426	4994	6193	11	4	11	4	4.76		0.97	5	13	10	0	0.0						
Le Claire L & D 14	63.0	44.0	53.5	2.5	78	26	33	8	0	0	0	0	346	428	5064	6040	9	8	9	8	5.81	2.57	1.27	16	16	12	2	0.0						
Lowden	63.8	41.1	52.5	3.2	81	15	27	7	0	0	4	0	379	473	5337	6681	10	0	10	0	5.65	2.03	2.12	15	16	10	1	0.0						
Maquoketa 4 W	61.6	39.2	50.4	3.0	80	16	28	8	0	0	6	0	438	533	5796	6995	5	5	5	5	4.18	1.08	1.46	16	16	11	1	T						
Monticello																					3.93		1.29	16	14	8	1	0.0						
Muscatine	64.4	42.1	53.3	0.4	81	16	29	7	0	0	4	0	355	379	5120	5784	9	16	9	18	4.55	1.06	1.00	30	15	11	1	0.0						
Muscatine 2 N																					4.57		0.96	30	14	12	0	0.0						
Swisher																					4.01		0.66	29	14	11	0	0.0						
Vinton	59.9	39.2	49.6	-0.6	76	10	27	8	0	0	5	0	452	452	6034	6500	0	8	0	9	4.93	1.39	2.05	16	11	9	1	0.0						
Williamsburg 1 E	62.9	39.8	51.4	2.3	80	16	26	7	0	0	6	0	402	485	5500	6664	1	7	1	7	3.80	0.31	0.54	6	12	11	0	0.0						
SOUTHWEST DIVISION																																		
Atlantic 1 NE	63.3	40.2	51.8	2.1	81	10	25	8	0	0	6	0	393	469	5366	6559	1	10	1	11	3.21	-0.57	1.12	15	12	8	1	0.0						
Bedford	62.7	41.2	52.0	1.6	80	20	31	11	0	0	4	0	384	447	5100	6177	1	9	1	10	5.20	1.89	0.86	29	14	12	0	0.0						
Clarinda	62.4	41.1	51.8	2.2	78	20	28	7	0	0	4	0	389	469	5228	6396	0	9	0	9	3.27	0.12	0.90	29	12	9	0	0.0						
Glenwood	63.1	40.9	52.0	2.1	83	10	29	12	0	0	4	0	382	453	5212	6226	1	0	1	0	2.75	-0.68	0.74	15	10	6	0	0.0						
Greenfield	61.7	41.6	51.7	-0.1	78	20	29	11	0	0	2	0	394	409	5447	5986	1	13	1	14	3.92	0.23	0.76	29	12	8	0	0.0						
Hastings 4 NE																					2.98		0.89	19	11	7	0	0.0						
Massena																					3.17		0.65	29	10	7	0	0.0						
Oakland	62.3	40.7	51.5	1.9	82	10	28	12	0	0	3	0	398	470	5405	6389	0	10	0	10	3.34	-0.45	1.29	15		9	6	1	0.0					
Randolph																					4.85	1.46	1.12	19	13	11	1	0.0						
Red Oak	64.1	41.7	52.9	2.1	80	20	30	12	0	0	4	0	359	440	5037	6137	2	13	2	14	2.68	-0.97	0.79	29	14	7	0	0.0						
Shenandoah	64.3	42.9	53.6	1.9	80	20	31	11	0	0	2	0	340	415	4939	5923	4	16	4	17	3.52	0.28	1.12	30	14	10	1	0.0						
Sidney 1 SSE	62.8	42.1	52.5	1.1	81	10	30	11	0	0	2	0	371	423	5157	5935	1	14	1	15	2.94	-0.32	0.59	19	12	10	0	0.0						
Underwood																					1.98		0.50	15	7	7	0	0.0						
SOUTH CENTRAL DIVISION																																		
Albia 3 NNE	63.0	42.5	52.8	2.5	80	20	31	7	0	0	3	0	361	449	5115	6172	2	8	2	9	5.23	1.67	0.80	30	14	9	0	0.0						
Allerton	62.6	42.5	52.6	3.3	81	20	32	8	0	0	2	0	370	471	5146	6182	4	2	4	3	6.76	2.99	1.56	4	14	9	3	0.0						
Beaconsfield	61.8	41.9	51.9	2.2	78	16	34	7	0	0	0	0	388	465	5247	6290	1	6	1	6	4.87	1.37	0.87	5	12	11	0	0.0						

APRIL 2017	MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA																								IOWA CLIMATE REVIEW									
	TEMPERATURE (F)												PRECIPITATION (Inches)												SNOWFALL (Inches)									
	NUMBER OF DAYS				HEATING DEGREE DAYS				COOLING DEGREE DAYS				NUMBER OF DAYS				SNOWFALL (Inches)																	
	AVG	AVG		DEP	EXT		EXT		MAX	MAX	MIN	MIN	APR	APR	16-17	NORM	APR	APR	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	63.9	40.7	52.3	1.2	81	20	26	7	0	0	4	0	378	429	5082	5984	6	10	6	11	5.96	2.26	1.16	6	14	11	2	0.0						
Chariton 1 E	62.7	39.9	51.3	2.6	80	20	23	7	0	0	7	0	403	495	5344	6445	2	7	2	7	7.85	4.09	1.60	16	13	10	2	0.0						
Creston 2 SW	62.4	41.2	51.8	2.7	79	20	29	12	0	0	4	0	388	484	5358	6468	1	6	1	7	3.28	-0.04	0.56	29	11	9	0	0.0						
Indianola 4 W					82	16	27	7	0	0		0		457		6318	5	10	5	11	5.55	1.77	2.33	16	14	7	1	0.0						
Knoxville	62.7	43.1	52.9	2.3	79	10	30	7	0	0	1	0	354	442	5151	6190	0	10	0	11	5.94	1.95	1.18	16	12	10	1	0.0						
Lamoni	64.5	43.5	54.0	3.1	84	20	33	8	0	0	0	0	334	432	4893	6021	10	9	10	10	6.11	2.15	0.95	4	13	12	0	0.0						
Lamoni Airport	64.1	44.8	54.5	2.9	81	19	32	7	0	0	1	0	324	406	4744	5895	13	6	13	7	6.97		1.48	3	16	13	1	0.0						
Lorimor																					4.04	0.44	0.80	19	10	8	0	0.0						
Mount Ayr	61.7	42.0	51.9	2.1	78	20	27	7	0	0	2	0	388	463	5278	6275	4	7	4	7	5.25	2.21	1.15	5	13	12	1	0.0						
Osceola	63.7	41.8	52.8	2.8	81	16	26	7	0	0	3	0	365	458	5200	6309	3	7	3	7	4.88	1.14	0.72	5	12	11	0	0.0						
Pella 1 S																					5.44	2.02	1.16	4	14	10	1	0.0						
Rathbun Dam	63.4	43.0	53.2	2.4	83	20	33	8	0	0	0	0	352	437	5065	6058	8	11	8	12	4.84	1.14	0.86	5	16	9	0	0.0						
Winterset 1 S														481		6487		7		8	3.97	0.52	0.93	16	13	9	0	0.0						
SOUTHEAST DIVISION																																		
Bloomfield 1 WNW														432		5986		8		9	6.01	2.61	1.08	30	15	10	1	0.0						
Burlington Airport	65.7	46.0	55.9	2.1	81	19	31	1	0	0	1	0	287	356	4672	5462	20	18	20	20	5.98	2.22	1.45	29	15	12	1	0.0						
Donnellson	65.7	43.9	54.8		83	20	29	8	0	0	2	0	315		4756		16		16		5.24	1.57	1.42	30	13	10	2	0.0						
Fairfield	62.5	43.2	52.9	-0.2	80	16	29	7	0	0	2	0	358	373	5056	5679	3	17	3	19	5.21	1.70	1.04	30	14	9	1	0.0						
Fort Madison	64.1	46.3	55.2	1.8	78	19	33	7	0	0	0	0	297	361	4591	5458	11	13	11	13	6.11	2.27	1.38	29	13	11	1	0.0						
Keokuk Lock & Dam 19	65.4	45.5	55.5	2.9	83	20	33	8	0	0	0	0	301	385	4639	5571	21	15	21	16	5.08	1.32	1.48	30	15	9	1	0.0						
Keosauqua	64.6	43.5	54.1		82	20	30	7	0	0	2	0	340	379		5691	18	16	18	18	6.31	2.74	1.73	30	13	11	2	0.0						
Mount Pleasant 1 SSW	63.6	41.1	52.4	-0.5	81	20	29	8	0	0	4	0	380	380	5227	5687	8	17	8	18	4.80	1.39	1.10	30	12	10	1	0.0						
Oskaloosa	63.1	41.8	52.5	2.9	80	16	30	8	0	0	3	0	370	469		6418	1	7	1	8	4.64	1.05	0.98	4	14	10	0	0.0						
Ottumwa Airport	65.5	44.2	54.9	4.0	82	19	29	7	0	0	2	0	310	434	4844	6130	15	10	15	11	5.06	1.66	1.19	5	14	11	1	0.0						
Salem 1 S																					5.30		1.65	30	13	9	1	0.0						
Sigourney	63.4	41.2	52.3	2.3	80	16	29	8	0	0	4	0	378	458		6362	1	8	1	9	2.96	-0.50	0.59	30	12	10	0	0.0						
Washington	63.5	40.2	51.9	1.4	81	16	28	7	0	0	5	0	391	442	5276	6351	3	9	3	10	4.02	0.76	0.89	30	12	9	0	0.0						
SUPPLEMENTAL STATIONS																																		
Moline Airport	65.5	43.7	54.6	3.2	81	15	30	1	0	0	2	0	316	421	4865	6023	14	13	14	14	5.63	2.04	1.14	29	14	12	1	0.0						
Omaha Eppley AP	64.4	44.3	54.4	2.7	82	9	30	11	0	0	1	0	318	413	4808	6002	8	15	8	16	2.42	-0.54	0.95	30	12	5	0	0.0						
Sioux Falls WFO AP	59.8	38.1	49.0	2.6	81	8	24	28	0	0	8	0	474	562	6192	7407	1	5	1	5	2.87	-0.14	1.38	30	11	5	1	1.3						
DIVISIONAL AND STATE AVERAGES																																		
Northwest	58.9	38.2	48.6	1.6	81	9	22	28	0	0	7	0	485	546	6279	7301	0	6	0	6	2.71	-0.51	1.72	30	10	7	0	T	T	30				
North Central	58.6	39.2	48.9	2.3	78	10	22	28	0	0	6	0	475	555	6282	7384	0	5	0	5	3.59	0.01	1.48	20	12	8	1	T	0					
Northeast	60.2	39.7	50.0	2.4	80	16	22	7	0	0	6	0	447	527	5986	7081	2	4	2	4	4.07	0.37	2.25	15	13	8	1	T	T	27				
West Central	60.2	38.7	49.5	0.9	80	16	20	7	0	0	7	0	458	501	5855	6789	0	8	0	8	2.88	-0.55	1.46	30	11	7	0	T	0					
Central	61.4	40.7	51.1	2.3	81	9	22	8	0	0	4	0	414	494	5611	6742	2	7	2	7	3.55	-0.07	1.58	16	12	8	1	T	0					
East Central	63.0	41.3	52.2	2.2	81	16	26	7	0	0	4	0	385	458	5414	6424	7	8	7	8	4.86	1.47	2.72	16	14	10	1	T	0					
Southwest	63.0	41.4	52.2	1.8	83	10	25	8	0	0	3	0	379	447	5210	6203	1	10	1	11	3.37	-0.09	1.29	15	12	8	0	0.0	0					
South Central	63.0	42.2	52.6	2.5	84	20	23	7	0	0	2	0	367	456	5135	6224	5	8	5	9	5.43	1.78	2.33	16	13	10	1	0.0	0					
Southeast	64.3	43.4	53.9	2.1	83	20	28	7	0	0	2	0	339	407	4883	5913	11	12	11	13	5.13	1.55	1.73	30	13	10	1	0.0	0					
State	61.2	40.4	50.8	1.9	84	20	20	7	0	0	5	0	421	492	5667	6715	3	7	3	7	3.89	0.38	2.72	16	12	8	1	T	T	30				



APRIL 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
NORTHWEST DIVISION																																		
Cherokee	8	MAX	53	56	56	52	60	56	55	64	77	71	44	58	62	61	65	75	68	70	72	48	50	58	66	71	69	45	41	47	45	49		58.8
		MIN	32	36	43	39	38	29	23	29	45	40	27	29	44	49	50	40	39	43	44	44	32	33	34	45	43	35	30	28	32	37		37.1
Emmetsburg	8	MAX	49	59	52	49	60	53	54	63	79	72	47	59	64	59	67	76	67	68	71	51	49	58	68	72	71	46	42	42	47	50		58.8
		MIN	35	35	45	41	41	33	28	30	45	40	36	36	43	49	49	42	47	52	45	44	35	37	42	47	42	37	30	26	32	38		39.4
Estherville Airport	24	MAX	58	51	50	60	51	53	61	77	67	49	57	59	61	68	74	68	62	67	47	48	57	66	70	69	58	41	40	46	49	44		57.6
		MIN	33	42	45	39	37	30	27	44	49	35	35	36	43	47	50	40	45	45	44	41	33	36	38	46	39	30	28	23	32	37		38.3
Estherville 4 E	7	MAX	46	60	52	49	59	51	53	61	77	67	44	57	59	61	68	75	67	62	68	46	48	57	67	70	70	43	40	40	46	49		57.1
		MIN	34	34	42	41	37	30	27	27	43	39	34	35	40	46	48	41	42	45	43	42	33	37	39	43	39	35	28	24	26	35		37.0
Hawarden	7	MAX	56	57	61	55	62	55	56	67	81	68	40	63	63	64	67	75	70	71	70	46	51	59	69	73	71	42	39	53	47	52		60.1
		MIN	37	37	43	40	35	32	27	28	46	39	26	26	41	45	51	40	45	45	44	44	36	35	39	40	41	34	30	28	30	38		37.4
Le Mars	7	MAX	56	56	60	57	62	62	57	65	80	70	41	62	62	64	66	78	69	72	71	47	50	58	67	73	73	44	41	53	46	51		60.4
		MIN	34	36	42	40	38	31	24	35	47	40	24	31	39	43	51	42	42	45	43	44	36	35	35	39	41	34	30	29	31	35		37.2
Pocahontas	8	MAX	51	57	50	48	59	53	54	62	76	77	51	59	65	61	67	72	68	70	72	55	50	57	68	72	73	48	42	43	44	47		59.0
		MIN	33	39	44	42	40	32	26	31	46	42	34	35	44	48	52	46	43	50	44	45	37	40	39	39	45	38	30	28	32	37		39.4
Primghar	16	MAX	57	60	55	59	60	54	63	76	77	69	55	62	61	65	73	71	66	69	69	48	58	66	71	70	69	42	44	46	48	48		61.0
		MIN	36	39	47	39	42	30	35	46	53	35	26	44	46	49	57	41	46	54	43	43	36	36	44	51	39	35	28	29	32	33		40.5
Rock Rapids	8	MAX	55	60	61	52	63	57	55	64	79	67	37	59	57	64	66	71	69	69	67	45	48	60	68	72	72	41	37	49	48	52		58.8
		MIN	36	36	44	40	35	30	27	27	43	37	28	29	42	47	51	40	40	42	43	43	34	35	40	43	40	34	29	26	28	37		36.9
Sanborn	8	MAX	52	57	58	54	61	53	54	65	76	68	40	57	61	61	64	72	66	67	68	45	47	57	65	68	68	42	37	45	47	48		57.4
		MIN	34	34	43	39	39	29	30	35	46	38	25	26	44	46	51	40	43	51	42	42	35	37	42	45	40	34	27	27	32	37		37.8
Sheldon	7	MAX	56	60	61	52	62	56	56	64	78	67	41	59	62	61	64	73	68	66	68	45	48	58	66	69	68	42	38	49	47	50		58.5
		MIN	32	34	42	38	36	29	24	28	44	39	24	28	40	46	51	39	43	44	43	43	32	33	33	35	41	34	29	24	27	36		35.7
Sibley	7	MAX	52	59	58	52	61	53	55	64	78	67	37	58	57	61	65	72	67	64	67	44	48	59	67	70	66	40	36	46	46	50		57.3
		MIN	34	37	42	38	36	29	28	29	45	37	28	26	40	45	48	38	39	41	41	41	34	34	38	43	39	34	27	26	27	35		36.0
Sioux Center 2 SE	16	MAX	56	60	60	61	60	54	64	78	79	66	57	62	61	67	73	74	70	69	70	49	58	65	71	72	69	41	46	47	50	51		62.0
		MIN	35	43	46	40	38	31	27	44	51	35	26	38	43	51	56	41	45	54	43	43	37	36	39	50	39	34	30	29	35	37		39.9
Sioux Rapids 4 E	22	MAX	56	51	49	59	54	55	63	76	73	52	57	62	57	67	74	68	67	70	53	50	57	67	72	71	63	41	44	45	48	45		58.9
		MIN	34	43	46	38	39	31	30	42	52	34	33	38	48	49	57	41	44	51	44	44	34	38	40	43	41	34	29	27	35	37		39.9
Spencer Airport	24	MAX	59	56	52	62	55	55	65	79	73	51	59	63	58	69	76	69	66	72	48	50	59	68	72	72	56	41	44	48	50	46		59.8
		MIN	32	44	47	39	38	28	24	44	49	35	32	39	46	50	49	37	43	47	45	39	32	33	37	48	40	32	29	22	32	35		38.2
Spencer 1 N	24	MAX	59	54	50	59	53	54	64	77	71	50	59	62	57	69	76	67	66	70	49	50	57	68	71	70	63	40	42	46	49	45		58.9
		MIN	34	44	46	41	39	31	24	44	49	35	32	40	45	49	49	43	45	47	44	41	35	36	43	46	40	31	29	23	31	34		39.0
Spirit Lake 4 W	24	MAX	59	53	52	59	51	54	62	77	68	49	58	58	59	66	74	68	63	68	46	50	57	68	70	68	61	39	42	46	49	46		58.0
		MIN	35	43	46	40	36	30	32	43	49	34	32	42	45	49	51	40	43	46	43	41	34	35	42	49	38	30	29	27	34	32		39.0
Storm Lake	8	MAX	53	55	52	49	58	53	54	62	74	74	51	58	63	61	64	75	68	69	72	53	50	56	66	69	69	45	40	47	45	47		58.4
		MIN	36	34	43	43	41	35	32	33	46	41	35	28	43	48	51	45	44	48	43	42	35	36	40	45	44	40	33	30	28	36		39.3

APRIL 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
NORTH CENTRAL DIVISION																																		
Algona 3 W	6	MAX	46	59	50	48	60	53	53	61	77	76	50	57	64	57	67	71	68	65	70	53	49	58	67	72	72	49	43	41	45	48	58.3	
		MIN	34	35	43	44	39	32	29	29	43	44	36	36	40	46	46	44	45	49	44	44	35	36	37	45	45	39	30	26	26	32	38.4	
Allison	7	MAX	43	58	50	48	56	51	52	59	76	78	56	56	67	63	63	75	67	68	66	62	51	58	65	73	73	69	48	40	43	46	59.3	
		MIN	33	33	44	45	44	34	29	28	45	50	36	36	38	44	48	46	46	46	46	45	36	35	40	40	46	48	34	29	28	37	39.6	
Britt	7	MAX	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	60	M	M	M	M	M	52	M	41	M	M	M	
		MIN	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	40	M	M	M	M	M	31	M	28	M	M	M	
Charles City	22	MAX	59	50	48	56	51	51	56	73	75	68	52	64	58	61	69	65	65	65	60	55	57	64	71	71	64	57	39	44	46	44	58.6	
		MIN	31	40	44	44	43	36	27	40	52	40	35	35	42	47	57	47	45	48	45	45	36	38	40	44	51	38	33	27	37	38	40.8	
Clarion	7	MAX	44	57	53	49	59	53	53	60	76	78	53	59	65	64	65	66	68	70	69	59	52	58	67	73	74	59	44	42	43	46	59.3	
		MIN	32	32	45	44	44	32	26	26	45	47	36	37	39	47	49	45	43	44	45	45	35	35	37	42	47	43	31	27	29	37	38.9	
Dakota City	8	MAX	46	56	49	48	59	53	54	60	76	77	52	58	65	63	68	67	68	69	70	59	51	58	67	71	72	54	44	43	43	47	58.9	
		MIN	33	33	44	44	42	31	27	27	46	44	36	36	40	49	50	45	45	44	44	45	34	36	36	45	46	40	31	28	31	37	39.0	
Forest City 2 NNE	7	MAX	43	60	49	48	56	51	51	58	74	74	51	56	62	55	64	71	67	64	69	52	46	56	66	71	70	54	44	37	43	47	57.0	
		MIN	33	35	43	43	41	31	23	23	43	47	35	35	39	45	47	43	45	46	45	42	35	35	37	43	47	40	30	30	28	36	38.2	
Hampton	7	MAX	43	59	51	49	59	53	55	59	74	76	56	58	66	64	65	70	69	71	67	61	51	60	68	72	73	69	46	41	43	46	59.8	
		MIN	33	32	44	44	43	34	27	27	43	49	37	34	35	45	46	46	47	47	46	45	36	37	40	43	47	45	32	27	30	38	39.3	
Mason City	7	MAX	45	60	50	49	58	53	52	58	74	76	53	55	66	57	64	67	68	66	67	59	49	58	66	72	72	61	48	38	45	48	58.5	
		MIN	32	32	45	45	43	36	27	28	41	50	35	36	38	45	48	47	46	49	46	44	37	36	38	45	45	48	32	27	27	39	39.6	
Mason City Airport	24	MAX	61	51	49	59	54	53	59	74	75	56	55	67	58	61	68	68	66	67	58	49	58	67	72	72	60	52	38	45	48	43	58.8	
		MIN	30	42	45	41	38	29	24	39	46	37	34	34	45	48	53	43	45	48	45	41	33	34	42	41	47	35	29	22	35	39	38.8	
Northwood	7	MAX	45	59	49	46	57	50	49	57	72	72	49	52	60	53	60	M	64	61	M	M	M	M	M	M	M	M	M	M	M	M	M	
		MIN	33	34	41	42	40	33	26	30	48	47	33	33	37	43	45	M	45	45	M	M	M	M	M	M	M	M	M	M	M	M	M	
Osage	7	MAX	45	62	52	49	58	50	53	59	74	75	55	53	66	61	66	68	66	64	65	61	48	57	67	73	74	63	51	37	46	48	58.9	
		MIN	34	35	45	45	43	35	29	30	42	50	36	35	41	48	48	49	48	50	46	45	37	36	37	49	51	50	34	28	32	41	41.0	
Swea City 4 W	7	MAX	44	60	50	49	60	51	53	59	77	68	47	58	61	58	66	76	68	63	69	47	50	57	67	71	70	44	43	39	47	49	57.4	
		MIN	33	33	43	41	38	30	28	29	43	39	34	36	39	46	48	43	41	47	43	42	34	35	38	43	42	38	30	25	27	36	37.5	
NORTHEAST DIVISION																																		
Cascade	7	MAX	44	59	52	57	53	48	54	59	76	78	67	56	67	66	68	80	68	73	74	67	55	60	65	73	75	75	59	42	45	47	62.1	
		MIN	30	30	45	45	44	38	31	32	42	58	41	33	34	46	48	55	44	44	44	50	38	37	35	38	47	53	34	32	36	40	40.8	
Cresco 1 NE	7	MAX	51	62	50	47	57	49	53	56	73	75	54	49	62	57	63	67	67	67	64	55	47	60	67	71	72	65	53	38	46	46	58.1	
		MIN	27	34	43	43	39	33	23	28	41	50	34	29	40	44	46	45	39	42	43	44	32	30	29	40	49	52	34	24	33	35	37.5	
Decorah	16	MAX	63	63	49	58	57	52	57	76	75	74	55	64	63	63	71	68	68	68	66	51	58	65	72	73	71	67	46	48	47	47	61.8	
		MIN	27	36	45	45	41	35	25	40	54	48	35	29	43	47	57	49	41	45	47	47	34	33	35	38	50	46	36	27	35	41	40.4	
Dubuque Lock & Dam 11	6	MAX	44	58	51	55	53	47	51	56	74	76	68	51	64	60	66	80	66	71	73	65	55	58	64	74	74	74	62	43	47	46	60.9	
		MIN	32	33	43	44	43	36	35	34	44	59	41	37	37	42	45	56	47	44	44	45	38	38	40	41	42	49	38	32	33	39	41.0	
Dubuque Airport	24	MAX	58	52	56	53	46	52	56	74	76	67	52	63	62	65	78	67	70	71	65	55	58	63	71	73	74	62	41	44	45	45	60.5	
		MIN	30	42	45	43	35	36	30	39	56	44	36	36	43	45	60	43	43	44	50	41	35	36	37	45	49	41	32	30	38	38	40.7	
Elkader 6 SSW	7	MAX	48	61	50	50	55	50	53	59	76	78	61	53	65	61	65	75	66	71	70	63	52	60	65	72	73	74	55	41	45	46	60.4	
		MIN	27	28	41	44	40	37	23	23	47	56	37	28	32	44	46	51	39	42	42	47	33	31	32	34	37	54	37	27	29	40	37.6	

APRIL 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			
Fayette	7	MAX	46	59	49	48	54	49	52	58	75	75	59	53	64	63	65	75	65	70	68	62	51	59	65	72	73	72	53	41	45	49		59.6			
		MIN	31	32	45	44	42	35	28	28	42	53	36	35	39	41	46	49	45	46	45	46	34	35	39	40	48	51	35	27	27	39		39.4			
Guttenberg L & D 10	24	MAX	59	51	53	55	50	52	59	75	77	71	52	64	59	62	76	67	74	72	64	53	60	64	74	74	73	65	44	47	47	46		61.3			
		MIN	32	43	45	45	40	40	31	43	59	44	38	37	44	48	58	52	47	46	49	45	38	44	40	45	53	44	34	32	43	42		43.4			
Manchester #2	7	MAX	45	57	50	55	52	43	53	57	75	76	63	54	66	63	65	76	66	71	70	63	52	58	64	72	74	73	53	40	44	45		59.8			
		MIN	28	29	41	44	40	37	26	26	44	53	38	31	34	43	48	51	41	43	46	46	36	33	32	37	48	53	36	28	31	38		38.7			
New Hampton	8	MAX	46	59	48	47	55	49	50	57	73	75	55	51	64	59	64	71	64	65	64	59	49	57	64	70	74	70	49	38	45	45		57.9			
		MIN	31	32	42	44	42	34	28	28	45	51	34	34	37	42	46	46	47	47	44	45	35	37	37	42	46	49	33	27	30	39		39.1			
Oelwein 1 E	7	MAX	45	59	49	49	54	50	53	59	77	79	66	56	66	64	68	74	67	73	69	63	52	59	65	72	75	74	48	41	43	45		60.5			
		MIN	32	31	44	44	43	35	28	31	39	54	37	37	37	42	46	48	45	46	45	47	34	39	41	43	45	47	36	26	29	39		39.7			
Postville	7	MAX	49	61	49	47	55	49	53	57	74	76	53	53	63	58	66	73	68	68	68	59	49	60	66	71	72	71	56	40	42	45		59.0			
		MIN	31	32	43	43	41	35	28	29	42	53	33	33	37	43	45	46	45	42	44	47	31	34	37	42	44	50	36	28	30	39		38.8			
Stanley 3 WSW	4	MAX	44	58	49	48	53	49	52	58	75	77	60	54	66	63	63	74	66	72	70	63	51	57	63	73	74	73	49	40	44	43		59.4			
		MIN	28	28	44	44	41	34	22	23	43	53	36	34	37	42	45	48	40	41	44	45	33	35	32	35	49	49	35	26	26	39		37.7			
Tripoli	7	MAX	44	60	50	48	54	50	53	58	75	78	59	55	66	63	64	74	67	71	67	63	51	59	66	74	74	73	50	39	44	45		59.8			
		MIN	30	30	44	45	43	35	27	29	43	53	36	36	40	42	47	48	45	49	45	46	35	38	40	44	48	50	36	29	30	39		40.1			
Waterloo Airport	24	MAX	58	50	50	55	53	54	59	76	79	67	57	68	65	64	77	68	73	70	67	63	59	67	72	75	73	61	42	45	45	45		61.9			
		MIN	28	43	46	42	42	31	23	42	57	42	37	33	43	48	59	45	44	48	45	43	34	35	35	45	53	40	32	26	39	39		40.6			
WEST CENTRAL DIVISION																																					
Audubon	8	MAX	48	51	51	49	56	54	53	62	73	78	51	60	65	71	67	71	68	70	65	73	52	56	64	69	72	56	40	54	40	42		59.4			
		MIN	33	34	43	42	42	33	23	23	48	41	27	27	47	49	54	48	38	48	47	44	34	34	31	32	47	37	32	32	32	36		37.9			
Battle Creek 3 NE	8	MAX	55	55	55	52	60	58	56	64	76	77	46	63	63	66	66	74	69	72	73	55	49	57	67	71	71	49	39	51	44	48		60.0			
		MIN	29	37	44	40	39	30	20	35	49	37	24	27	47	49	54	38	40	43	44	44	33	35	31	39	44	36	31	30	34	37		37.3			
Carroll	7	MAX	51	55	52	50	60	57	56	63	76	80	52	62	65	67	68	73	68	73	70	65	51	56	66	72	75	52	44	53	42	45		60.6			
		MIN	33	33	43	43	42	35	26	27	45	43	29	29	48	51	53	49	42	42	45	44	38	40	37	38	49	38	32	31	33	37		39.2			
Castana Exp. Farm	8	MAX	53	55	53	54	59	57	55	65	75	76	46	61	63	72	65	72	68	72	73	58	51	56	66	70	73	48	40	53	42	46		59.9			
		MIN	33	37	46	42	41	33	30	32	47	42	26	37	45	51	55	45	44	49	44	43	38	35	36	48	43	34	31	31	33	37		39.6			
Denison	7	MAX	50	52	52	47	57	54	52	61	74	79	50	60	61	67	64	72	68	72	70	60	49	54	66	70	71	49	38	51	40	43		58.4			
		MIN	33	33	42	41	41	32	30	30	47	42	26	26	46	49	53	45	45	46	42	42	37	37	37	37	45	34	30	30	33	35		38.2			
Guthrie Center	8	MAX	51	50	52	51	58	54	54	61	73	78	56	62	67	76	70	73	69	73	67	75	53	58	65	72	74	64	43	58	42	44		61.4			
		MIN	33	37	45	44	44	33	27	35	47	44	29	33	47	52	55	44	41	49	46	47	34	38	32	41	53	39	33	34	34	38		40.3			
Holstein	22	MAX	55	54	50	60	57	53	63	77	74	52	60	62	63	65	74	67	71	71	57	47	55	65	70	71	64	39	47	43	46	41		59.1			
		MIN	32	42	45	39	37	28	30	46	51	34	25	41	47	51	56	40	47	52	42	41	35	37	39	48	38	33	29	29	35	36		39.5			
Little Sioux 2 NW	7	MAX	52	53	53	58	60	58	56	64	79	80	48	65	65	77	65	80	68	72	75	62	57	61	65	72	73	50	42	60	42	46		61.9			
		MIN	36	36	41	44	41	34	26	26	42	41	23	23	42	50	55	43	41	41	48	44	32	34	34	35	46	36	33	33	35	37		37.7			
Logan	8	MAX	54	53	53	54	60	59	56	64	76	79	52	63	70	76	67	76	70	73	72	65	57	57	67	73	75	53	43	56	43	46		62.1			
		MIN	38	39	44	45	43	37	29	33	52	43	25	33	48	52	56	44	42	47	48	46	36	38	35	40	48	36	33	35	36	36		40.6			
Mapleton #2	7	MAX	52	55	54	53	59	56	55	64	75	75	44	62	63	69	65	72	69	73	73	56	51	55	66	71	72	47	41	52	43	47		59.6			
		MIN	31	30	42	44	38	32	24	24	46	38	25	25	45	50	56	41	40	41	45	43	34	33	33	33	44	34	32	31	33	37		36.8			

APRIL 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																								26	27	28	29	30	31	AVG
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24							
Rockwell City	7	MAX	54	56	54	53	60	56	56	62	77	79	53	60	66	67	69	70	70	71	72	63	50	58	68	72	73	52	43	48	42	46	60.7
		MIN	34	35	45	47	42	32	28	28	47	45	31	31	43	48	48	46	48	50	44	44	38	39	43	43	43	38	31	29	31	37	39.6
Sac City	7	MAX	50	54	50	48	59	54	55	64	75	75	49	59	64	67	66	69	68	70	71	57	49	56	66	69	71	47	41	48	42	45	58.6
		MIN	31	33	45	42	40	33	26	25	41	43	29	28	39	46	51	45	46	44	43	43	36	36	37	43	45	37	30	29	28	36	37.7
Sioux City Airport	24	MAX	56	59	57	62	58	57	67	79	71	51	63	62	68	66	78	70	73	74	52	55	58	68	75	75	48	42	54	47	52	46	61.4
		MIN	30	43	49	41	40	31	26	44	48	29	23	40	44	51	53	42	40	52	45	36	32	32	36	48	38	35	32	32	39	35	38.9
CENTRAL DIVISION																																	
Ames Airport	24	MAX	54	50	50	58	53	55	61	75	78	59	61	68	74	71	72	69	72	69	75	56	59	67	72	74	73	49	49	44	45	44	61.9
		MIN	32	45	47	46	43	36	28	42	56	40	39	37	51	52	59	46	42	51	47	42	38	39	36	41	49	38	34	33	39	39	42.2
Ames 8 WSW	16	MAX	53	52	49	56	55	52	59	73	77	77	57	66	68	69	71	68	70	72	66	72	57	64	72	73	73	70	45	47	43	43	62.3
		MIN	34	44	46	45	43	34	32	42	56	47	37	39	50	51	61	48	46	52	45	46	38	40	42	44	50	40	32	32	40	37	43.1
Ames 5 SE	6	MAX	43	53	53	49	57	51	53	60	74	78	58	60	66	74	70	71	68	72	70	74	53	59	66	71	74	73	48	48	43	44	61.1
		MIN	32	32	45	45	45	38	28	27	43	47	38	38	37	50	51	50	44	44	46	46	40	38	36	35	46	43	34	33	35	38	40.1
Ankeny	8	MAX	44	52	50	51	56	51	55	60	74	79	63	60	70	77	70	76	69	73	74	78	55	60	66	72	75	73	48	54	43	44	62.4
		MIN	32	38	45	45	42	36	27	33	51	48	37	38	50	52	53	49	43	53	49	48	38	37	35	45	53	41	34	34	36	38	42.0
Boone	8	MAX	47	54	49	49	58	54	55	61	75	77	57	60	66	69	68	72	70	73	64	72	53	58	67	72	73	69	47	49	42	43	60.8
		MIN	31	33	44	44	43	33	26	30	48	44	37	37	44	50	51	46	42	51	45	46	36	37	35	43	46	40	32	32	35	37	39.9
Des Moines Airport	24	MAX	55	53	53	57	52	57	63	76	81	72	63	71	79	72	78	72	74	76	80	65	62	68	73	76	75	50	58	45	46	47	65.0
		MIN	36	47	49	48	43	37	31	48	60	42	39	45	54	56	61	53	48	55	51	45	41	45	43	49	49	40	37	38	41	41	45.7
Des Moines Camp Dodge	24	MAX	53	51	50	58	52	56	61	75	79	61	62	69	76	70	76	72	73	71	77	56	59	67	72	74	71	48	56	43	45	44	62.6
		MIN	35	45	47	46	42	38	30	46	59	39	38	42	54	53	59	50	48	53	48	43	39	41	42	51	47	38	34	36	39	39	44.0
Eldora	7	MAX	42	55	49	48	54	50	53	59	74	78	58	58	66	65	65	73	68	72	65	68	51	58	66	72	75	70	47	43	42	43	59.6
		MIN	31	32	44	43	42	34	27	27	42	46	36	36	37	45	47	48	46	51	45	45	37	37	39	40	47	44	32	29	31	37	39.2
Fort Dodge 5 NNW	7	MAX	47	55	49	48	58	53	53	61	75	78	52	58	66	67	68	67	68	70	70	70	51	58	67	72	73	55	43	44	43	46	59.5
		MIN	33	36	44	43	41	32	28	27	49	45	36	36	39	48	50	46	45	47	45	45	35	38	38	40	49	39	31	28	27	37	39.2
Grinnell 3 SW	7	MAX	42	52	52	51	50	48	54	57	75	76	64	58	68	71	70	75	69	71	73	73	56	58	65	70	74	73	50	50	43	44	61.1
		MIN	28	29	44	46	43	36	22	22	43	51	39	34	39	48	49	49	39	38	52	49	38	33	29	29	47	48	35	35	35	38	38.9
Grundy Center	8	MAX	43	56	49	49	53	50	53	60	76	78	60	58	68	68	65	75	68	72	70	66	52	58	65	72	74	72	49	42	43	44	60.3
		MIN	31	37	44	44	43	35	27	26	47	48	38	35	36	45	48	48	45	47	45	46	36	37	37	43	45	46	33	28	31	38	39.6
Iowa Falls	7	MAX	42	58	50	49	57	51	53	58	75	77	57	59	66	65	65	72	68	72	66	67	52	59	67	72	74	69	47	44	42	44	59.9
		MIN	32	33	44	44	44	34	27	27	43	49	37	35	40	46	49	48	44	45	46	46	35	37	38	38	46	45	31	29	30	37	39.3
Marshalltown	7	MAX	43	55	49	50	53	50	53	59	76	78	61	59	69	69	70	73	68	73	71	74	54	59	65	72	75	73	49	45	43	44	61.1
		MIN	30	31	45	45	43	36	26	26	42	49	39	35	38	48	50	50	40	45	47	47	36	38	34	35	52	45	34	31	34	38	39.6
Marshalltown Airport	24	MAX	55	50	51	54	50	54	59	76	78	65	59	69	68	69	74	69	72	71	73	64	59	66	71	74	73	54	45	44	45	45	61.9
		MIN	30	44	46	44	39	30	25	40	56	40	38	34	47	48	59	46	43	52	47	41	35	39	36	47	49	38	33	31	39	39	41.2
Newton	7	MAX	43	54	51	51	52	49	53	59	76	78	64	59	71	74	70	76	69	73	75	76	56	60	67	73	75	75	50	51	43	44	62.2
		MIN	33	35	44	44	42	36	32	32	42	50	38	38	38	50	50	49	45	45	49	49	38	38	38	40	48	43	34	34	35	38	40.9
Perry	7	MAX	48	52	52	50	58	54	55	63	77	79	57	62	68	79	70	73	70	73	68	75	53	59	67	72	75	69	47	54	43	44	62.2
		MIN	34	33	46	46	46	34	27	28	45	46	37	36	42	53	54	48	42	43	47	47	37	38	37	39	51	41	33	33	35	38	40.5

APRIL 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
Toledo 3 N	7	MAX	42	56	49	49	52	49	52	58	76	77	63	58	68	68	71	75	68	73	72	72	55	58	64	72	75	74	50	46	42	44		60.9	
		MIN	30	30	43	43	43	35	27	27	42	48	38	38	38	46	46	48	42	42	46	46	36	36	36	36	47	45	34	31	31	38		38.9	
Webster City	7	MAX	43	56	53	48	58	54	53	61	74	77	54	60	60	66	68	67	69	71	66	65	53	58	66	71	73	64	46	46	43	44		59.6	
		MIN	29	30	42	43	42	33	25	25	44	45	35	36	38	48	48	46	42	43	45	45	34	34	35	39	45	41	35	26	28	37		37.9	
EAST CENTRAL DIVISION																																			
Anamosa 3 SSW	6	MAX	44	60	51	57	53	46	54	58	74	76	67	56	66	66	69	77	68	72	72	68	57	59	65	71	73	74	57	43	44	46		61.4	
		MIN	30	34	42	45	44	38	31	29	42	58	41	37	39	43	48	53	43	42	47	49	38	38	35	34	39	48	33	32	33	39		40.1	
Belle Plaine	7	MAX	44	56	49	51	54	49	51	59	77	79	67	59	69	71	73	78	68	73	75	72	57	57	66	73	76	76	51	48	46	47		62.4	
		MIN	28	29	44	46	44	38	27	30	42	53	40	34	39	47	49	52	39	45	49	49	39	37	35	41	44	48	36	34	36	39		40.4	
Bellevue Lock & Dam 12	6	MAX	44	58	53	55	53	47	53	60	75	77	71	53	67	61	69	81	71	75	75	65	57	58	64	76	75	76	60	44	48	50		62.4	
		MIN	31	31	43	47	44	39	32	31	38	58	43	32	32	45	49	59	43	44	44	47	40	39	34	34	38	50	39	32	33	42		40.4	
Cedar Rapids Airport	24	MAX	58	51	55	54	48	53	58	76	78	69	57	69	68	72	80	69	72	75	71	70	59	65	71	76	75	60	45	45	46	46		63.0	
		MIN	29	44	46	45	38	34	26	40	59	45	37	35	45	47	60	45	45	50	50	43	38	37	35	42	52	40	33	34	39	40		41.8	
Cedar Rapids #1	17	MAX	61	56	56	54	52	55	61	77	79	75	65	69	68	71	81	78	75	75	72	68	60	67	75	78	76	74	50	43	46	45		65.4	
		MIN	28	46	45	45	38	37	27	40	59	54	39	34	44	47	60	52	41	47	48	50	37	38	33	38	48	48	35	31	42	38		42.3	
Clinton #1	18	MAX	59	56	56	53	53	54	58	75	78	76	68	69	67	69	80	78	73	75	74	70	56	63	72	77	79	78	51	47	47	47		65.3	
		MIN	29	45	48	46	37	39	29	39	57	58	43	36	45	45	61	58	42	45	56	52	40	42	36	41	52	51	36	35	39	39		44.0	
Coggon	6	MAX	44	56	50	55	52	47	52	58	75	77	65	55	67	65	67	78	68	72	72	65	54	59	64	72	75	74	54	41	43	45		60.7	
		MIN	31	31	42	44	42	37	28	28	44	55	39	32	34	43	47	51	41	43	44	47	36	35	32	33	37	48	35	29	29	38		38.5	
Davenport Airport	24	MAX	58	52	56	53	48	54	57	76	79	71	56	71	68	71	81	69	73	76	71	67	57	64	72	78	80	70	46	47	47	49		63.9	
		MIN	30	46	47	46	38	34	29	38	61	47	37	34	46	47	60	46	42	44	56	47	39	38	34	43	53	43	36	34	39	42		42.5	
Iowa City	7	MAX	44	58	52	57	55	46	54	59	77	79	69	58	70	71	75	80	69	74	76	74	60	59	65	72	76	77	53	48	45	47		63.3	
		MIN	29	29	46	46	43	40	29	32	42	55	42	35	35	47	48	55	41	41	47	54	42	41	33	35	40	48	37	35	39	40		40.9	
Iowa City Airport	24	MAX	59	53	58	57	49	56	58	78	79	72	59	70	71	76	81	71	74	77	74	73	60	66	73	76	78	65	49	46	49	51		65.3	
		MIN	31	47	49	48	41	39	30	40	60	49	41	36	49	50	61	47	43	47	55	50	43	42	37	40	49	43	38	38	41	42		44.2	
Le Claire L & D 14	6	MAX	43	61	51	54	54	45	54	60	73	77	70	56	69	68	71	78	70	74	74	69	66	56	64	72	77	78	63	47	49	47		63.0	
		MIN	34	35	46	47	44	38	34	33	44	58	45	41	41	47	49	59	48	48	49	56	41	41	42	42	48	56	39	37	38	39		44.0	
Lowden	24	MAX	60	53	58	55	47	55	59	76	79	71	57	70	68	74	81	70	74	75	72	60	60	66	74	76	78	63	45	45	47	47		63.8	
		MIN	30	45	47	45	38	35	27	37	59	47	35	33	45	47	60	42	40	45	53	44	38	36	32	39	47	42	32	33	41	40		41.1	
Maquoketa 4 W	7	MAX	42	59	52	57	52	46	52	58	74	77	68	54	67	64	70	80	68	72	75	67	57	59	63	72	75	78	59	42	44	46		61.6	
		MIN	30	31	42	43	43	37	28	28	40	56	41	32	33	44	47	56	41	41	43	51	37	37	33	34	41	47	33	32	35	39		39.2	
Muscatine	6	MAX	44	59	53	58	55	45	56	60	77	80	72	59	71	72	76	81	71	75	77	74	62	58	65	74	79	79	57	49	47	47		64.4	
		MIN	31	31	48	48	43	39	29	32	44	54	42	35	36	49	52	58	40	41	51	55	42	42	34	35	41	54	37	39	41	41		42.1	
Vinton	7	MAX	42	56	49	49	51	47	51	56	74	76	63	57	66	65	68	75	67	71	70	67	53	58	65	71	73	73	49	49	43	44		59.9	
		MIN	27	28	43	43	42	37	27	27	40	49	37	34	37	42	47	50	42	45	45	48	36	39	34	44	49	46	34	30	38	37		39.2	
Williamsburg 1 E	7	MAX	43	57	51	55	54	47	53	58	77	76	67	59	69	72	73	80	68	74	76	75	58	59	65	73	77	76	52	49	48	45		62.9	
		MIN	29	31	44	46	42	38	26	27	42	53	39	34	37	46	48	52	41	42	51	50	40	40	32	32	40	47	36	35	35	39		39.8	

APRIL 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
SOUTHWEST DIVISION																																		
Atlantic 1 NE	7	MAX	53	53	53	52	59	57	59	62	76	81	59	64	68	79	70	74	73	73	67	78	58	61	69	71	75	64	45	57	43	45		63.3
		MIN	39	39	45	46	45	34	25	25	53	42	29	30	45	48	61	46	40	41	51	48	37	38	31	32	51	38	35	36	36	39		40.2
Bedford	7	MAX	53	51	55	54	52	53	57	60	75	78	61	62	69	77	68	77	67	69	77	80	61	56	65	69	73	71	46	57	44	44		62.7
		MIN	39	40	42	46	43	36	31	31	49	47	31	32	40	54	59	51	41	42	49	46	38	40	36	36	44	38	38	38	39	39		41.2
Clarinda	6	MAX	54	50	53	53	54	54	55	60	73	77	60	60	71	76	71	74	68	70	75	78	61	56	64	70	73	69	46	59	43	44		62.4
		MIN	38	41	46	46	45	38	28	30	51	48	29	34	44	51	58	51	40	39	54	47	34	40	30	37	43	39	38	38	37	39		41.1
Glenwood	6	MAX	54	46	54	54	58	58	56	64	76	83	59	64	72	78	71	76	69	73	71	81	61	57	66	72	74	59	43	57	44	44		63.1
		MIN	37	37	43	44	47	42	31	29	46	49	32	29	42	49	58	51	41	41	53	47	39	39	33	35	50	37	36	35	37	39		40.9
Greenfield	8	MAX	52	50	52	50	56	52	54	59	73	77	62	61	67	77	68	74	68	72	71	78	58	57	65	71	73	69	46	56	42	41		61.7
		MIN	36	37	44	44	41	34	29	35	52	45	29	36	44	54	59	48	44	50	48	46	38	40	41	45	53	38	34	35	33	37		41.6
Oakland	7	MAX	53	49	52	52	57	57	56	64	75	82	59	63	69	79	68	74	70	73	67	77	59	58	66	72	75	60	43	55	42	43		62.3
		MIN	38	39	43	46	43	35	33	31	48	44	29	28	43	51	58	48	44	44	50	45	38	39	39	42	49	35	34	34	34	37		40.7
Red Oak	7	MAX	56	50	54	54	58	59	58	63	75	80	62	63	72	78	73	76	71	72	73	80	61	58	67	71	75	70	46	58	44	45		64.1
		MIN	39	42	46	47	46	37	30	30	51	46	30	30	46	50	60	51	42	42	54	48	37	38	33	36	52	38	37	37	37	39		41.7
Shenandoah	8	MAX	55	50	54	55	55	60	58	63	80	80	60	64	72	77	74	78	69	72	76	80	64	57	67	72	74	68	49	58	44	44		64.3
		MIN	37	40	45	47	45	38	31	33	54	46	31	34	48	52	60	52	42	47	54	48	39	42	35	42	54	38	38	40	37	39		42.9
Sidney 1 SSE	7	MAX	54	46	52	55	55	57	56	63	76	81	58	62	72	77	72	78	66	71	76	79	61	55	66	72	73	65	45	56	44	42		62.8
		MIN	36	37	43	43	43	38	35	35	54	44	30	31	45	51	59	52	43	43	52	47	41	41	42	44	51	36	36	36	37	37		42.1
SOUTH CENTRAL DIVISION																																		
Albia 3 NNE	7	MAX	43	54	57	52	53	45	55	58	76	77	68	61	71	76	73	80	68	72	75	80	60	58	66	71	74	72	51	55	44	45		63.0
		MIN	32	33	46	48	41	39	31	32	49	53	40	40	45	52	54	52	43	47	50	52	41	38	36	36	50	45	36	36	39	40		42.5
Allerton	8	MAX	45	53	57	52	53	46	53	60	75	76	65	62	70	77	73	80	67	72	75	81	60	55	63	71	73	73	49	57	43	43		62.6
		MIN	36	36	45	47	41	38	32	32	46	50	38	38	43	55	57	54	44	43	49	50	40	39	41	44	44	43	36	36	38	39		42.5
Beaconsfield	7	MAX	51	51	54	52	52	49	54	59	74	78	62	60	69	76	71	78	66	71	75	77	58	55	62	69	73	70	46	58	42	43		61.8
		MIN	38	38	44	46	42	37	34	35	45	45	36	35	40	55	57	51	47	47	50	48	38	38	42	41	41	40	36	36	37	38		41.9
Centerville	7	MAX	44	56	59	53	54	46	55	59	77	77	68	61	71	79	74	80	70	75	75	81	61	58	66	71	76	76	50	58	44	44		63.9
		MIN	33	33	46	48	42	39	26	29	42	50	40	35	38	53	56	56	37	38	46	53	38	42	31	31	38	45	38	37	41	40		40.7
Chariton 1 E	7	MAX	44	54	57	52	53	47	54	60	75	77	66	61	70	76	72	80	68	72	75	80	59	57	63	70	73	71	50	57	43	44		62.7
		MIN	31	32	42	47	41	38	23	31	49	52	39	32	42	50	55	53	37	37	50	50	35	40	30	31	39	42	36	36	38	39		39.9
Creston 2 SW	7	MAX	50	52	53	51	53	49	53	59	74	77	62	62	68	77	70	76	69	76	76	79	58	58	64	71	74	70	48	58	42	42		62.4
		MIN	37	38	44	45	42	33	31	32	44	46	29	29	43	54	58	51	43	43	52	46	40	40	42	42	46	39	35	35	39	39		41.2
Indianola 4 W	7	MAX	46	54	53	53	55	50	55	62	77	81	65	62	72	80	73	82	71	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
		MIN	34	37	46	47	43	36	27	28	48	50	38	38	41	54	55	51	42	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Knoxville	8	MAX	43	54	56	51	54	48	53	59	75	79	68	58	70	75	70	78	69	72	75	78	60	58	64	71	75	74	51	55	44	44		62.7
		MIN	35	37	45	46	40	39	30	35	52	50	39	39	45	51	52	51	47	50	51	49	42	42	40	48	48	43	35	36	37	39		43.1
Lamoni	7	MAX	52	53	58	54	54	49	55	63	77	80	64	62	72	78	74	81	68	74	78	84	62	57	64	74	77	74	49	61	43	44		64.5
		MIN	39	40	47	48	42	37	33	33	47	51	37	37	44	55	59	54	46	48	52	50	40	41	40	44	47	41	38	37	39	40		43.5



APRIL 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
Lamoni Airport	24	MAX	53	58	55	55	50	56	60	75	78	65	63	70	76	73	80	67	73	75	81	70	56	65	70	75	73	49	59	49	44	51		64.1
		MIN	39	46	50	46	39	35	32	47	58	41	37	44	55	59	59	51	45	51	55	44	38	43	40	46	47	40	38	39	40	40		44.8
Mount Ayr	8	MAX	49	51	55	53	52	54	56	59	73	76	61	60	69	74	71	76	65	71	74	78	59	54	62	69	73	70	45	58	42	43		61.7
		MIN	38	39	46	46	39	36	27	34	51	48	34	37	48	57	60	57	42	40	54	47	36	42	32	33	46	40	36	39	38	39		42.0
Osceola	8	MAX	49	53	56	53	54	49	55	61	76	79	65	63	70	78	72	81	69	74	76	80	60	58	64	72	75	73	49	59	43	44		63.7
		MIN	37	38	46	47	41	37	26	27	48	51	38	37	38	55	58	51	40	48	54	49	39	42	31	33	49	41	37	37	40	40		41.8
Rathbun Dam	7	MAX	44	55	57	51	52	46	54	59	76	77	68	60	72	78	73	81	70	73	76	83	61	57	63	71	76	74	51	57	44	44		63.4
		MIN	37	37	46	48	40	38	33	33	46	52	40	40	42	55	56	54	42	42	52	52	42	43	38	40	47	45	36	36	39	39		43.0
SOUTHEAST DIVISION																																		
Burlington Airport	24	MAX	57	56	56	54	48	54	58	76	80	72	60	71	78	75	81	71	73	75	81	70	56	64	72	76	78	69	54	54	48	55		65.7
		MIN	31	46	51	48	40	40	33	42	60	48	42	40	55	54	62	57	43	49	59	51	44	43	37	44	54	44	39	42	41	42		46.0
Donnellson	7	MAX	43	58	56	58	55	44	56	60	77	81	73	61	73	81	77	82	71	75	77	83	65	58	66	75	77	78	54	57	53	47		65.7
		MIN	33	36	46	49	43	39	30	29	45	53	42	37	44	54	53	57	46	47	52	57	45	45	37	40	43	53	39	39	40	43		43.9
Fairfield	8	MAX	42	56	53	54	54	44	53	58	76	77	70	57	70	76	74	80	67	72	75	79	60	55	62	71	74	74	49	54	45	45		62.5
		MIN	31	37	46	48	41	38	29	36	49	53	40	36	49	51	54	54	42	47	54	52	41	41	34	40	53	48	37	37	40	39		43.2
Fort Madison	24	MAX	55	55	55	55	47	56	55	72	75	71	59	69	76	72	76	72	72	73	78	67	56	62	68	74	76	67	55	55	48	53		64.1
		MIN	33	46	49	47	39	40	33	43	55	48	41	42	53	55	63	58	47	51	62	51	44	44	38	44	55	44	40	42	41	42		46.3
Keokuk Lock & Dam 19	6	MAX	43	55	56	54	55	45	54	59	77	81	74	59	72	81	76	81	69	74	76	83	69	55	62	70	77	78	61	57	59	50		65.4
		MIN	35	36	47	49	45	39	34	33	44	56	41	41	42	54	56	59	52	49	49	61	47	46	42	42	45	54	40	40	44	42		45.5
Keosauqua	7	MAX	43	56	57	57	55	46	55	59	78	81	72	59	72	80	77	82	70	74	76	82	63	57	63	71	76	76	50	57	46	47		64.6
		MIN	31	35	47	47	42	38	30	35	45	56	42	36	42	53	59	56	46	45	56	55	43	43	34	40	42	50	38	38	41	41		43.5
Mount Pleasant 1 SSW	7	MAX	41	56	54	57	53	45	54	58	76	78	71	59	70	78	75	79	69	73	75	81	61	56	64	73	76	76	52	55	46	46		63.6
		MIN	30	29	46	47	41	37	29	29	42	57	40	38	38	50	50	54	40	45	48	54	40	40	33	33	40	49	36	36	38	43		41.1
Oskaloosa	7	MAX	42	55	55	51	53	49	53	59	77	78	67	60	70	76	73	80	69	73	75	79	60	61	67	70	75	73	51	54	44	45		63.1
		MIN	32	34	44	47	41	37	30	30	45	51	39	37	44	50	52	51	45	46	53	50	40	40	37	36	48	45	36	35	40	39		41.8
Ottumwa Airport	24	MAX	56	57	54	55	48	56	59	78	79	71	60	72	79	75	82	71	74	78	82	73	59	66	72	77	76	58	57	45	47	50		65.5
		MIN	32	46	49	48	41	34	29	45	60	44	41	39	53	52	58	47	43	50	54	46	40	40	36	44	55	42	37	40	41	41		44.2
Sigourney	7	MAX	42	58	53	53	55	45	53	59	78	77	69	60	70	77	74	80	69	75	77	78	61	57	64	73	76	75	49	53	45	46		63.4
		MIN	31	32	45	45	41	37	29	29	42	51	39	39	42	48	48	52	46	48	49	49	40	40	38	39	45	47	35	35	35	39		41.2
Washington	7	MAX	45	57	52	55	57	44	56	59	76	78	69	61	70	74	74	81	71	74	75	76	61	58	65	72	75	76	50	53	45	46		63.5
		MIN	29	29	46	47	42	38	28	29	44	52	40	33	34	48	49	54	38	40	50	53	40	37	31	35	39	50	37	37	38	40		40.2
SUPPLEMENTAL STATIONS																																		
Moline Airport	24	MAX	61	53	56	55	49	56	59	77	81	72	58	71	71	76	81	71	74	77	73	69	58	65	74	77	80	72	48	50	48	54		65.5
		MIN	30	46	48	48	39	41	32	39	62	51	37	34	47	49	61	47	41	43	59	50	43	40	35	38	49	44	36	37	41	44		43.7
Omaha Eppler AP	24	MAX	51	54	56	60	61	59	65	77	82	57	63	73	80	71	79	73	73	72	80	62	60	69	73	76	62	45	59	49	47	44		64.4
		MIN	40	45	49	48	43	36	34	53	53	38	30	46	49	60	58	47	43	58	50	45	39	39	40	53	42	37	36	38	41	39		44.3
Sioux Falls WFO AP	24	MAX	60	64	56	65	58	56	67	81	65	47	59	59	61	69	72	69	66	66	47	51	62	69	71	69	44	38	52	49	55	46		59.8
		MIN	38	44	43	38	33	31	30	50	47	29	26	43	42	51	47	37	39	47	44	41	33	32	46	43	37	32	30	24	33	34		38.1

APRIL 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	2.40				0.31		0.10						0.05				0.38	0.34		0.31		0.51						0.28				0.12								
Cherokee	8	2.45		T	T	0.33								0.14		T		0.43	0.10		0.42	0.02	0.66						0.21	T		T	0.14								
Emmetsburg	8	2.24				0.38								0.14		0.27		0.20	T		0.09	0.13	0.60						0.26				0.17								
Estherville Airport	24	2.73		T	0.13	0.06						0.08			I		0.22	0.02			0.33	0.39					0.44	0.05					1.01								
Estherville 4 E	7	1.88		0.01		0.17								0.05		T		0.32	I		0.28	0.12	0.34						0.46				0.13								
Everly 3 WNW	7	2.25				T	0.17							0.03		0.02		0.62	0.03		0.06	0.27	0.41	T					0.43				0.21								
Hawarden	7	2.73				0.30		0.13										0.33	0.03		0.70	0.69							0.38				0.17								
Le Mars	7	2.11				0.36		0.03						0.09				0.43	0.20		0.27	0.03	0.19						0.33				0.18								
Orange City	7	2.45		T		0.47		T						T		T		0.60	0.03		0.47	0.05	0.39						0.32				0.12								
Pocahontas	8	3.09		T	0.01	0.30								0.07		0.23		0.42	0.57		0.01	0.12	0.92						0.19	0.02		T	0.23								
Primghar	16	3.82				0.25								0.03			0.25	0.65			0.38	0.46	0.08				0.15	0.32					1.25								
Remsen #2	6	2.43				0.41		T						0.09				0.62	0.07		0.19	0.10	0.32						0.42				0.21								
Rock Rapids	8	2.11				0.17								0.25				0.25	0.20		0.25		0.54						0.38				0.07								
Rock Valley	7	2.27				0.24		0.08						T		T		0.17	0.03		0.34		0.73						0.55				0.13								
Sanborn	8	2.75				0.14								T		T		0.75	0.02		0.33	0.09	0.77	T					0.42	T			0.23								
Sheldon	7	2.80				0.44		T						0.01				0.63	0.03		0.27	0.14	0.66						0.44	T			0.18								
Sibley	7	2.59				0.17								0.02				0.60	0.15		0.15	0.16	0.64						0.48	0.02			0.20								
Sioux Center 2 SE	16	2.94				T	0.27		0.06					T	T	T		0.07	0.71	0.01	0.64	0.41	0.06					0.10	0.21				0.40								
Sioux Rapids 4 E	22	3.87			T	0.03	0.21							0.25		0.05	0.05	0.27	0.12			0.23	0.82			T	0.05	0.26		T			1.53								
Spencer Airport	24	3.03	T	T	0.20	0.07								0.04		0.04		0.08	0.31		0.28	0.38	T					0.25	0.02	T			1.36								
Spencer 1 N	24	3.80				0.10	0.20							0.03		0.05	T	0.12	0.27		0.28	0.70	T					0.29	0.03	0.01			1.72								
Spirit Lake 4 W	24	3.60		T	0.10	0.17								0.01		0.01		0.20	0.22		0.34	0.75				T	0.40	0.10					1.30								
Storm Lake	8	2.08				0.03	0.21							0.02		0.04		0.39	0.01		0.19	0.08	0.79	0.01					0.18			0.01	0.12								
NORTH CENTRAL DIVISION																																									
Algona 3 W	6	2.74		T	T	0.36								T	0.10		0.28	0.46	0.30			0.28	0.45					T	0.25	0.01	T		0.25								
Allison	7	3.78		0.04	0.11	0.95	0.02										0.38	0.58	0.42			0.06	0.95						T			0.20	0.07								
Britt	7	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	1.10	M	M	M	M	M	0.10	M		M	M									
Charles City	7	4.14		0.01	0.13	1.03	0.03							T		0.62	0.68	0.18			0.08	1.20							0.07	T	T	0.05	0.06								
Clarion	7	M			0.07	0.41								0.04		0.67	M	M			0.13	0.90							0.13			0.23	0.28								
Dakota City	8	3.50				0.07	0.43							0.04		0.54	0.39	0.10			0.13	1.01							0.22			0.08	0.49								
Forest City 2 NNE	7	3.13		0.01	T	0.68								0.27		0.25	0.40	0.05			0.18	0.92							0.29	T	T	0.02	0.06								
Hampton	7	3.25		I	0.05	0.65	0.01									0.40	T	0.57	0.36		0.03	0.80							0.01			0.28	0.09								
Kanawha	8	3.36		I	0.11	0.46							0.22	0.05		0.52	0.45	0.08			0.18	0.88							0.21			I	0.20								
Lake Mills	7	3.02		0.03	0.01	0.63								0.10		0.18	0.36	0.03			0.16	1.14							0.33	T			0.05								
Mason City	7	4.57		0.02	0.06	1.07	0.02							0.18	0.15		0.48	T	0.35	0.24		0.15	1.48						0.32	0.01		0.01	0.03								
Mason City Airport	24	4.37		0.01	0.46	0.35						0.22	0.03		0.39	0.03	0.45	0.12			0.14	1.17	T					0.25	T	T	T	0.01	0.74								
Nashua 2 SW	7	3.50		T	0.27	0.94								T			0.59	0.42	0.14			0.02	0.96						0.02	T	T	0.11	0.03								
Northwood	7	3.96		0.04	0.13	0.98		T					0.39	0.08		0.21	T	0.35	0.04	T	T	0.16	1.20	T					0.36	T	0.01		0.01								
Osage	7	3.93		0.04	0.07	0.91								T	0.06		0.32	0.57	0.37		0.16	1.37							0.06	T	T	T	T								
Saint Ansgar	6	4.43		0.06	0.12	1.04	0.04						0.26	0.36		0.36	0.05	0.36	0.12			0.12	1.28						0.22		T	0.04	T								
Swea City 4 W	7	2.18				0.01	0.33							0.17		0.02	T	0.22	0.01		T	0.22	0.69	T				T	0.39	0.02			0.10								
NORTHEAST DIVISION																																									
Cascade	7	4.01		0.02	0.11	0.40	0.05	0.52						T		0.20		0.14	1.59			0.06	T						0.02	0.55	0.02	0.20	0.13								
Cresco 1 NE	7	4.41		0.03	0.04	1.03	0.08	T						0.06	T	0.39	T	0.87	0.69			0.03	0.99							0.11	0.03	T	0.06								
Decorah	16	5.56		0.05	0.95	0.55											0.45	0.02	1.71	0.33		0.03	0.04	1.20				0.04	0.09	T			0.10								
Dubuque Lock & Dam 11	6	3.81	I			0.15	0.20	0.10	0.32								0.46	0.28	0.86			0.04	0.59							0.05	0.55	0.10	0.10	0.01							
Dubuque Airport	24	4.99		0.05	0.25	0.06	0.37	T					0.26		0.01	0.25	0.14	2.25			0.10	T	0.01				0.01	0.16	0.45	0.09	0.12	0.41									
Elkader 6 SSW	7	3.85		0.01	0.18	0.51	0.07							T		0.52	T	0.38	0.32			0.02	1.06	T					0.25	0.33	T	0.13	0.07								
Fayette	7	4.11		0.03	0.15	0.88	0.07							0.04		0.52	0.74	0.11			0.02	1.16							0.03	0.06	0.04	0.17	0.09								
Guttenberg L & D 10	6	3.60				0.08	0.40	0.04								0.42	0.78	0.11			0.01	0.88							0.04	0.56	0.13	0.11	0.04								
Ionia 2 W	7	4.25				0.29	1.03							T		0.70	0.55	0.08			0.04	1.40							0.06			0.05	0.05								
Manchester #2	7	3.46		0.02	0.05	0.53	T	0.15					T			0.44	0.60	0.42			T	0.30							0.18	0.54	0.04	0.12									



APRIL 2017		DAILY PRECIPITATION (INCHES) FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																															IOWA CLIMATE REVIEW					
STATION	OBS TIME	TOTAL	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					
Tripoli	7	4.72		0.02	0.10	1.29	0.03								0.49	0.01	1.48	0.10			0.01	0.91						0.03	0.02	0.02	0.17	0.04						
Waterloo Airport	24	3.51		0.03	0.96	0.10						T		0.15	0.05	0.44	0.18			T	0.53	T					0.03	0.01		0.18	0.02	0.83						
WEST CENTRAL DIVISION																																						
Audubon	8	2.33		0.04	0.24	0.19									0.02	T	0.50	0.10				0.17	0.41					0.02			0.44	0.20						
Battle Creek 3 NE	8	3.42			T	0.32						T			0.10	0.08	1.05	0.13		0.22	0.06	0.98				T	0.18	T		0.09	0.21							
Carroll	7	2.21		T	0.11	0.05									0.04		0.35	0.02				0.34	0.87					0.05		0.27	0.11							
Castana Exp. Farm	8	2.38		0.01		0.20							T		0.01	0.02	0.56	T				0.33	0.79					0.11		0.23	0.12							
Denison	7	3.04		0.01	T	0.08						T			0.02		0.40	0.01				0.30	1.11					0.32		0.47	0.32							
Guthrie Center	8	3.15		0.01	0.20	0.38	0.08								T		0.78	0.42				0.13	0.28							0.50	0.37							
Holly Springs 1 NW	7	1.98		0.05		0.21	0.02						T		T	0.03	0.54	0.04		0.27	0.02	0.34						0.20			0.14	0.12						
Holstein	7	2.03				0.25							T			0.54	0.04		0.01	0.29	0.47							0.15		T		0.28						
Little Sioux 2 NW	7	3.89		0.04	T	0.34		0.02				0.01	T		0.02	T	0.93	0.43		0.05	0.35	0.81						0.10		0.01	0.51	0.27						
Logan	8	2.84		0.06		0.07						0.11					0.72	0.07				0.39	0.20					0.33		0.08	0.45	0.36						
Mapleton #2	7	2.65		0.01		0.23							0.01				0.58	0.19				0.35	0.86					0.10			0.17	0.15						
Rockwell City	7	3.68		T	0.08	0.21										0.06	0.69	1.22				0.20	0.42					0.10		0.31	0.39							
Sac City	7	3.76		0.04		0.20									0.07		0.70	0.58				0.21	1.35					0.18		0.22	0.21							
Sioux City Airport	24	2.93	T	0.05	0.30	0.13	0.02					T	0.03		T		0.11	0.28			0.35	0.07					0.10		0.03	T	1.46							
CENTRAL DIVISION																																						
Ames Airport	24	3.84		0.03	0.63		0.03					T		T	T	0.52	0.56			0.13	0.18	T					T	T		0.42	0.24	1.10						
Ames 8 WSW	16	3.06		0.03	0.66	0.04	0.02					T			0.04	0.15	0.20	0.22		0.12	0.03	0.43				0.03			0.40	0.08	0.61							
Ames 5 SE	6	2.63			0.09	0.44		0.06				T	T		T		0.49	0.30			0.11	0.26				T	T			0.43	0.45							
Ankeny	8	3.53		0.03	0.15	0.40	0.22	0.07							T		0.72	0.85				0.07	0.01					0.03	T	T	0.50	0.48						
Boone	8	3.24		0.01	0.07	0.61	T									0.06	0.42	0.41				0.22	0.57	T				0.02		T	0.42	0.43						
Brooklyn	7	4.11		0.03	0.12	1.02	0.22	0.58				0.07					0.30	0.52					0.01					0.45	0.05		0.29	0.45						
Clutier	7	4.55			0.12	1.07	0.02	0.30				0.01				0.45	0.28	1.58				0.03	0.01					0.09	0.09		0.22	0.28						
Des Moines Airport	24	4.16	0.02	0.14	0.50	0.01	0.52				T	T		0.02	0.04	0.15	0.49			0.05	0.13					T	T	0.02	T	0.46	0.52	1.09						
Des Moines Camp Dodge	24	5.20	0.01	0.07	0.54	T	0.23					T		T	T	0.84	1.24			0.10	0.07	T				0.01		0.03	T	0.48	0.45	1.13						
Eldora	7	3.43			0.05	0.80							T			0.36	0.31	0.93				0.03	0.49					0.03		T	0.28	0.15						
Fort Dodge 5 NNW	7	3.15			0.03	0.57	T					T	T		0.10	0.45	0.40				0.20	0.55						0.20	T	T	0.30	0.35						
Gilman	7	3.38	T		0.15	0.85	0.10	0.35				0.05				0.05	0.50	0.40				0.10						0.08		T	0.30	0.45						
Grinnell 3 SW	7	3.89		0.04	0.18	0.96	0.07	0.60				0.06				0.02	0.17	0.54				0.02						0.10	0.24	0.02	0.30	0.57						
Grundy Center	8	3.58		T	0.02	0.64										0.30	0.80	0.90					0.53								0.29	0.10						
Iowa Falls	7	3.48		T	0.18	0.83	T						0.02		0.12	0.34	0.55				0.07	0.95						T	T	T	0.25	0.17						
Marshalltown	7	3.42			0.01	0.63	0.02	0.09					T		0.30	T	0.40	1.17				0.06	0.03					0.04	0.02		0.25	0.40						
Marshalltown Airport	24	2.09		T	M	0.01	T					T		0.01	0.34	M	M			M	0.50					T	0.05	0.01	T	0.22	0.23	0.72						
Montezuma 1 W	7	4.64		0.03	0.20	1.19	0.32	0.47				0.13			0.02		0.24	0.57				T	0.05					0.44	0.08		0.32	0.58						
Newton	7	2.62			0.14	0.62	0.12	0.33				0.02					0.34	0.26				T						0.08			0.41	0.30						
Perry	7	3.60		0.03	0.15	1.10	0.05								T	0.08	0.52	0.33				0.14	0.38					T	0.01		0.46	0.35						
Toledo 3 N	7	2.84			0.07	0.51	0.02	0.20					T		0.29	0.33	1.01				T	T					T	0.04	T	T	0.13	0.24						
Webster City	7	3.16			0.05	0.87							0.05		0.10	0.41	0.35				0.16	0.55	T					0.05			0.42	0.15						
Zearing	7	2.62			0.04	0.33									0.30	0.37	0.78				0.03	0.14									0.37	0.26						
EAST CENTRAL DIVISION																																						
Anamosa 3 SSW	6	5.89	0.01	0.01	0.08	0.36	0.07	0.65				0.08	0.01		0.52	0.02	0.24	2.65			0.02	T						0.01	0.58	0.05	0.34	0.19						
Belle Plaine	7	5.02		T	0.10	1.05	0.05	0.40				0.03			0.10		0.40	1.90			T							0.45	0.03		0.25	0.26						
Bellevue Lock & Dam 12	6	3.64		0.01	0.12	0.09	0.03	0.43				0.05	0.09		0.25	0.20	1.12				0.06							0.16	0.68	0.10	0.08	0.17						
Cedar Rapids Airport	24	4.30	T	0.07	0.33	T	0.66					0.36			0.21	0.23	0.58	0.01		0.04	0.01	T				0.01		0.32	0.28	0.39	0.19	0.61						
Cedar Rapids #1	17	6.34		0.02	0.24	0.22	0.61					0.02			0.48	0.02	0.52	2.72			0.02					T	0.29	0.49	0.32	0.23	0.14							
Clinton #1	18	6.26		T	0.54	0.09	0.91					0.25			0.22	0.27		1.44			0.20	0.04				T	0.16	0.95	0.16	0.96	0.07							
Coggon	6	3.94		0.02	0.08	0.45	0.02	0.36				T			0.34		0.26	1.36			0.09	0.03						0.16	0.52	0.01	0.15	0.09						
Davenport Airport	24	5.00		0.02	0.33	T	0.83					0.18		T	0.07	0.08	0.90	0.12			0.17	T				T	0.34	0.48	0.19	0.95	0.34							
De Witt	8	5.95		0.04	0.05	0.27	0.31	0.57				0.15	0.14		0.22		0.08	2.08				0.01						0.19	0.65	T	0.41	0.78						
Iowa City	7	4.67			0.18	0.17	0.46	0.67				0.25	0.02		0.04		0.16	1.04										T	0.56		0.51	0.61						
Iowa City Airport	24	4.76		0.05	0.26	T	0.97					0.21			0.06	0.10	0.95	0.01			T					T	0.15	0.36	0.52	0.58	0.54							
Le Claire L & D 14	6	5.81	0.04	0.02	0.10	0.36	0.22	0.70				0.04	0.16		0.11		0.22	1.27				0.30							0.93	0.08	0.13	1.13						
Lowden	24	5.65		0.06	0.43	0.01	0.68					0.15			0.																							

APRIL 2017		OBS		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																		
																																DAY OF MONTH																			
Monticello	7	3.93		0.02	0.08	0.37	0.04	0.53							0.31		0.22	1.29			0.05							0.05	0.61	0.01	0.23	0.12																			
Muscatine	6	4.55	0.02		0.08	0.14	0.53	0.74	T			0.15			0.14		0.09	0.40			0.03	0.17							0.16	0.60		0.30	1.00																		
Muscatine 2 N	5	4.57		T	0.13	0.15	0.53	0.62				0.11	0.01		0.13		0.05	0.64				0.12							0.17	0.54		0.41	0.96																		
Swisher	7	4.01		0.01	0.10	0.23	0.16	0.61				0.43			0.28		0.12	0.58				0.01							0.06	0.55	T	0.66	0.21																		
Vinton	7	4.93			0.11	0.86		0.34							0.53		0.47	2.05			0.03								0.16	0.03		0.19	0.16																		
Williamsburg 1 E	7	3.80		T	0.26	0.34	0.47	0.54				0.13			0.04		0.17	0.45											0.11	0.31		0.45	0.53																		
SOUTHWEST DIVISION																																																			
Atlantic 1 NE	7	3.21		0.04	0.21	0.24	0.04								0.01		1.12	0.10			0.35	0.17						0.01			0.58	0.34																			
Bedford	7	5.20		0.05	0.60	0.55	0.85	0.17				0.22			T	T	0.38	0.25			0.36	0.11						0.02		0.16	0.86	0.62																			
Clarinda	6	3.27		0.05	0.20	0.58	0.38	0.10				T					0.09	0.35			0.15	0.12								0.05	0.90	0.30																			
Glenwood	6	2.75		0.01	T	0.03	T								0.01		0.74	0.28			0.25	0.35						0.04		T	0.67	0.37																			
Greenfield	8	3.92		0.04	0.57	0.45	0.35	0.09							0.05		0.19	0.01			0.17	0.52		T						0.76	0.72																				
Hastings 4 NE	8	2.98		0.08	0.11	0.05	0.17								0.02		0.41	T			0.89	0.04						T	0.25	0.49	0.47																				
Massena	7	3.17		0.09	0.03	0.53	0.17	T							0.04		0.36				0.34	0.62								T	0.65	0.34																			
Oakland	7	3.34		0.02	0.16	0.03	T								T	T	1.29	0.04			0.57	0.44									0.55	0.24																			
Randolph	8	4.85		0.11	0.13	0.05	0.20	T				0.50			0.02	T	0.28	0.48			1.12	0.36						T	0.26	0.70	0.64																				
Red Oak	7	2.68		0.10	0.03	0.06	0.15	T							0.01	0.03	0.32	0.03			0.60	0.18								0.03	0.79	0.31																			
Shenandoah	8	3.52		0.19	0.10	0.06	0.21	0.02				0.06			T	0.07	0.11	0.26			0.32	0.37								0.21	0.42	1.12																			
Sidney 1 SSE	7	2.94		0.20	0.11	0.02	0.11					0.03			T	T	0.15	0.48			0.59	0.25								0.25	0.36	0.39																			
Underwood	7	1.98		0.22	T	T									T		0.50	0.16			0.34	T						T	0.13	0.39	0.24																				
SOUTH CENTRAL DIVISION																																																			
Albia 3 NNE	7	5.23		0.01	0.35	0.47	0.80	0.75				0.14					0.06	0.66			0.36	0.02							0.08	0.07		0.66	0.80																		
Allerton	8	6.76		0.02	0.09	1.56	1.00	1.06				0.35					0.02	0.43			0.35	0.05						0.32	0.04	T	0.62	0.85																			
Beaconsfield	7	4.87		T	0.53	0.57	0.87	0.35				0.29					0.25	0.17			0.52	0.07							0.14			0.61	0.50																		
Centerville	7	5.96		0.05	0.16	0.52	0.89	1.16				0.33					0.11	0.33			0.67	0.12							0.02	0.08		0.45	1.07																		
Chariton 1 E	7	7.85		0.05	0.24	1.34	0.76	0.80				0.16					0.08	1.60			0.51							0.89	0.05		0.63	0.74																			
Creston 2 SW	7	3.28		0.02	0.40	0.46	0.42	0.13				0.05					0.33	I			0.29	0.15									0.56	0.47																			
Indianola 4 W	7	5.55		0.02	0.43	0.40	0.67	0.31				0.02			0.04		0.08	2.33			0.07	0.02							0.06		0.48	0.62																			
Knoxville	8	5.94		0.03	0.39	0.91	0.66	0.32				0.33					0.17	1.18			0.06	T							0.56		T	0.48	0.85																		
Lamoni	7	6.11		0.04	0.45	0.95	0.90	0.48				0.42					0.16	0.17			0.18	0.12							0.86		T	0.72	0.66																		
Lamoni Airport	24	6.97		0.07	1.48	0.45	0.85				0.17	0.31				0.11	0.14	T		0.02	0.23	0.01				0.52	0.55	T	0.72	0.70	0.64																				
Lorimor	8	4.04		T	0.46	0.55	0.65	0.22				0.03					0.15				0.80	0.07									0.56	0.55																			
Mount Ayr	8	5.25		T	0.70	0.40	1.15	0.12				0.26					T	0.50	0.17			0.80	0.07			T	0.15		0.15	0.35	0.43																				
Osceola	8	4.88		0.03	0.42	0.55	0.72	0.33				0.21					0.19	0.54			0.55								0.27			0.52	0.55																		
Pella 1 S	7	5.44		0.01	0.16	1.16	0.61	0.34				0.29			0.03		0.11	0.85			0.05	T							0.62	0.01		0.37	0.83																		
Rathbun Dam	7	4.84		0.04	0.17	0.62	0.86	0.64				0.38	0.03				0.03	0.28			0.62	0.03							0.08	0.04	0.02	0.30	0.70																		
Winterset 1 S	7	3.97		0.05	0.21	0.54	0.36	0.16				T			0.09		0.24	0.93			0.16	0.04							0.01			0.54	0.64																		
SOUTHEAST DIVISION																																																			
Bloomfield 1 WNW	7	6.01		0.02	0.18	0.31	0.84	0.84				0.34					0.02	0.80			0.95	0.03							0.02	0.34	0.02	0.22	1.08																		
Burlington Airport	24	5.98		0.03	0.37	0.57	0.70					0.18				0.06	0.23	0.47			0.46	0.01							0.66	0.32	0.12	1.45	0.35																		
Donnellson	7	5.24	0.01		0.09	0.35	1.03	0.29				0.17					T	0.81			0.29	0.01	T						0.15	0.49	T	0.13	1.42																		
Fairfield	8	5.21		0.04	0.07	0.25	0.85	0.86				0.20	T				0.07	0.76			0.20	0.05							0.02	0.55	T	0.25	1.04																		
Fort Madison	24	6.11			0.42	0.26	0.90					0.40				0.05		0.42			0.38	0.05							0.89	0.35	0.12	1.38	0.49																		
Keokuk Lock & Dam 19	6	5.08			0.10	0.38	0.71	0.27				0.04	0.02				0.04	0.69			0.06	0.02	0.03						0.36	0.73		0.15	1.48																		
Keosauqua	7	6.31			0.21	0.35	1.03	0.62				0.27					0.04	0.73			0.35	0.07							0.17	0.58	T	0.16	1.73																		
Mount Pleasant 1 SSW	7	4.80	I	I	0.05	0.20	0.60	0.55				0.35	I				0.05	0.70				0.30							0.10	0.65		0.15	1.10																		
Oskaloosa	7	4.64		T	0.13	0.98	0.64	0.61				0.10			0.05		0.05	0.63			0.10	0.05							0.14	0.01		0.46	0.69																		
Ottumwa Airport	24	5.06		0.06	0.49	0.20	1.19					0.14			0.11		0.67	T		T	0.24	T			0.01				0.22	0.01	0.49	0.77	0.46																		
Salem 1 S	7	5.30		T	0.01	0.14	0.86	0.53				0.28					0.01	0.73			0.16	0.09							0.09	0.62		0.13	1.65																		
Sigourney	7	2.96			0.02	0.45	0.35	0.35				0.10					0.10	0.11				0.20							0.05	0.18		0.46	0.59																		
Washington	7	4.02			0.03	0.16	0.61	0.71				0.12	T		0.08		0.06	0.21				0.18	T						T	0.62	T	0.35	0.89																		
SUPPLEMENTAL STATIONS																																																			
Moline Airport	24	5.63		0.01	0.40	T	0.97					0.15			0.09	0.15	0.77	0.20			0.46						T	0.40	0.48	0.13	1.14	0.28																			
Omaha Eppley AP	24	2.42	T	0.06	0.04	T	</																																												

APRIL 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															
NORTHWEST DIVISION																																	
Cherokee	8	SNOWFALL	T												T																		
		SNOW ON GROUND																															
Orange City	7	SNOWFALL	T												T																		
		SNOW ON GROUND																															
Pocahontas	8	SNOWFALL	T																											T		T	
		SNOW ON GROUND																											T				
Rock Valley	7	SNOWFALL	T												T																		
		SNOW ON GROUND													T																		
Sheldon	7	SNOWFALL	T												T																		
		SNOW ON GROUND																															
Sioux Center 2 SE	16	SNOWFALL	T												T																		
		SNOW ON GROUND																															
Sioux Rapids 4 E	22	SNOWFALL	T											T																			
		SNOW ON GROUND																															
Spirit Lake 4 W	24	SNOWFALL	0.2																													0.2	
		SNOW ON GROUND																														T	
NORTH CENTRAL DIVISION																																	
Charles City	7	SNOWFALL	T																													T	
		SNOW ON GROUND																															
Mason City Airport	24	SNOWFALL	T																													T	
		SNOW ON GROUND																															
Nashua 2 SW	7	SNOWFALL	T																													T	
		SNOW ON GROUND																															
Osage	7	SNOWFALL	T																												T	T	
		SNOW ON GROUND																															
NORTHEAST DIVISION																																	
Cascade	7	SNOWFALL	T																													T	
		SNOW ON GROUND																															
Dubuque Airport	24	SNOWFALL	0.1						T																							0.1	
		SNOW ON GROUND																														T	
Elkader 6 SSW	7	SNOWFALL	T																													T	
		SNOW ON GROUND																															
Strawberry Point	7	SNOWFALL	T																													T	
		SNOW ON GROUND																															
WEST CENTRAL DIVISION																																	
Audubon	8	SNOWFALL	T																													T	
		SNOW ON GROUND																															
Battle Creek 3 NE	8	SNOWFALL	T																													T	
		SNOW ON GROUND																														T	

[illegible]

APRIL 2017	STATION INDEX			IOWA CLIMATE REVIEW						APRIL 2017	STATION INDEX			IOWA CLIMATE REVIEW					
			COORDINATES				ELEV						COORDINATES				ELEV		
STATION NAME	DIV	COUNTY	LATITUDE			LONGITUDE			(FT)	STATION NAME	DIV	COUNTY	LATITUDE			LONGITUDE			(FT)
			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

APRIL 2017		STATION INDEX			IOWA CLIMATE REVIEW					APRIL 2017		STATION INDEX			IOWA CLIMATE REVIEW					
			COORDINATES					ELEV					COORDINATES					ELEV		
STATION NAME	DIV	COUNTY	LATITUDE			LONGITUDE			(FT)		STATION NAME	DIV	COUNTY	LATITUDE			LONGITUDE			(FT)
			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.

