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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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For the week ending June 17, 2012

Rainfall amounts varied widely across the state this week, with most of the week's heaviest precipitation occurring in the southern half of the state. Corn conditions improved slightly for the week. Conditions for all other crops declined during the week, with the largest decreases in the northern third of the state.

There were 5.4 days suitable for fieldwork during the week, compared with 6.7 days the previous week. Southwest Iowa was the only area with less than four days suitable for fieldwork. Topsoil moisture levels improved to 14 percent very short, 40 percent short, 45 percent adequate, and 1 percent surplus. Subsoil moisture declined slightly and is now rated 18 percent very short, 43 percent short, 38 percent adequate, and 1 percent surplus.

Corn has started to silk across much of the state with Southeast Iowa leading with 2 percent. Corn condition is reported at 2 percent very poor, 6 percent poor, 25 percent fair, 51 percent good, and 16 percent excellent. Ninety-eight percent of the soybean crop has emerged, almost one week ahead of normal. Soybeans have started to bloom in each district of the state. Soybean condition is rated 2 percent very poor, 9 percent poor, 28 percent fair, 50 percent good, and 11 percent excellent. Ninety-five percent of the oat crop has headed, 3 weeks ahead of normal. Oat condition is rated 2 percent very poor, 6 percent poor, 31 percent fair, 53 percent good, and 8 percent excellent. The second cutting of alfalfa hay, at 27 percent complete, is almost three weeks ahead of normal. Hay condition is rated 4 percent very poor, 11 percent poor, 32 percent fair, 47 percent good, and 6 percent excellent.

For the second straight week, less than half of Iowa's pasture and range land is rated in good to excellent condition. Pasture and range condition rated 6 percent very poor, 16 percent poor, 38 percent fair,

36 percent good, and 4 percent excellent. Stress on livestock was minimal with no issues reported for this week.

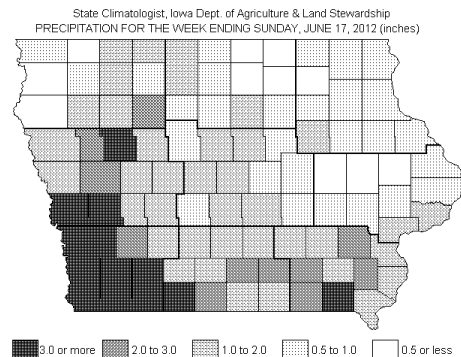
### IOWA PRELIMINARY WEATHER SUMMARY

Provided by Harry Hillaker, State Climatologist  
Iowa Department of Agriculture & Land Stewardship

The past reporting week brought seasonal temperatures and welcome rainfall to Iowa. There were four episodes of widespread rainfall with the first coming on Sunday (10<sup>th</sup>) night into Monday (11<sup>th</sup>) with rain falling over all but extreme northwest Iowa with one to three inch totals over parts of southwestern Iowa. The second event on Thursday (14<sup>th</sup>) evening brought rain to the northwest one-half of the state with heaviest rains of one to two inches again coming over southwest Iowa. The next event from Friday (15<sup>th</sup>) into Saturday morning brought rain to all but the extreme northwest and northeast corners of Iowa with greatest amounts over central Iowa. Finally, rain fell across the southeast one-half of Iowa on Saturday (16<sup>th</sup>) with amounts of one to two inches near the Missouri border. Rain totals for the week varied from only 0.15 inches at Sibley to 5.17 inches at Red Oak. The statewide average precipitation was 1.50 inches while normal for the week is 1.19 inches. Temperatures averaged slightly above normal on Monday (11<sup>th</sup>) with much cooler weather on Tuesday (12<sup>th</sup>) and Wednesday (13<sup>th</sup>) when high temperatures were mostly in the 70s. The remainder of the week saw slowly rising temperatures and humidity with highs mostly in the 80s with a few 90s. Temperature extremes varied from a Tuesday morning low of 41 degrees at Sibley to a Thursday afternoon high of 94 degrees at Little Sioux. Temperatures for the week as a whole averaged 0.4 degrees above normal. Finally, there were some reports of high winds and hail across the northwest quarter of Iowa on Thursday and mainly across far southern Iowa on Saturday.

### Crop Conditions as of June 17, 2012

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn .....	2	6	25	51	16
Soybeans .....	2	9	28	50	11
Oats .....	2	6	31	53	8
Hay, all .....	4	11	32	47	6
Pasture & Range .....	6	16	38	36	4



### Field Work and Crop Progress as of June 17, 2012

Item	Districts									State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Soybeans emerged .....	100	99	99	99	98	98	92	98	95	98	94	94	91
Oats headed .....	97	90	98	92	97	94	97	90	97	95	84	47	50
Hay, alfalfa - 2nd cutting .....	49	30	41	31	35	35	13	10	21	27	7	NA	NA

NA Not Available

### Days Suitable & Soil Moisture Condition as of June 17, 2012

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)
Days suitable .....	5.3	6.0	6.2	4.2	5.6	6.4	3.8	6.2	5.8	5.4	6.7	3.7
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Topsoil moisture												
Very short .....	10	15	17	3	21	22	9	26	8	14	26	0
Short .....	27	46	44	29	51	50	35	43	39	40	40	3
Adequate .....	61	38	38	66	28	28	53	31	52	45	34	69
Surplus .....	2	1	1	2	0	0	3	0	1	1	0	28
Subsoil moisture												
Very short .....	14	26	13	15	17	16	17	27	15	18	20	0
Short .....	32	45	37	37	50	53	43	54	46	43	39	1
Adequate .....	53	28	50	47	33	31	38	19	38	38	41	74
Surplus .....	1	1	0	1	0	0	2	0	1	1	0	25

**Weather Summary For National Agricultural Statistics Service, Iowa Field Office.**  
**For the week ending: 7:00 am Sunday, June 17, 2012, Prepared by AWIS, Inc.**

Station	Current Week						Since April 1			
	Temperature				Precipitation		Precipitation		GDD Base 50F	
	High	Low	Avg.	DFN	Total	DFN	Total	DFN	Total	DFN
North West District										
Estherville .....	92	45	69	2	1.94	0.96	11.43	2.93	903	283
Sioux Center .....	88	47	70	-1	0.19	-0.87	10.75	2.26	1,068	232
Spencer .....	90	45	69	0	1.55	0.64	12.60	4.09	960	281
Spirit Lake .....	86	47	69	2	0.35	-0.69	12.39	4.32	893	224
North Central District										
Britt .....	89	49	69	-2	1.23	0.18	9.68	0.54	807	151
Dakota City .....	0	0	0	0	0.00	0.00	0.00	0.00	0	0
Mason City .....	91	48	70	2	0.38	-0.70	7.32	-2.37	863	201
Osage .....	89	49	69	1	0.43	-0.62	10.61	0.92	786	164
North East District										
Decorah .....	89	46	71	3	0.67	-0.36	9.50	-0.21	873	188
Dubuque .....	87	49	70	3	0.59	-0.39	6.39	-4.00	813	148
Elkader .....	88	42	68	-1	0.68	-0.23	7.39	-1.99	663	14
Fayette .....	88	48	69	2	1.07	0.09	10.23	0.33	785	205
Waterloo .....	91	49	71	3	1.58	0.53	8.53	-1.37	941	214
West Central District										
Carroll .....	91	51	70	-1	2.11	0.92	8.49	-2.01	960	232
Castana .....	87	50	68	-3	1.67	0.61	10.90	1.29	950	95
Guthrie Center .....	93	51	70	1	1.75	0.58	9.57	-0.81	1,000	245
Harlan .....	89	50	69	-3	3.47	2.42	9.85	-0.19	984	265
Jefferson .....	92	50	71	2	0.93	-0.26	6.77	-3.73	975	239
Logan .....	88	49	69	-3	4.21	3.16	10.82	0.82	1,016	209
Rockwell City .....	89	49	70	-2	1.55	0.50	9.97	0.49	929	213
Sac City .....	90	49	68	-2	3.90	2.79	10.68	0.89	883	226
Sioux City .....	87	49	70	-1	1.07	0.23	12.10	3.89	1,097	304
Central District										
Boone .....	89	50	70	2	1.63	0.37	8.73	-2.17	912	177
Des Moines .....	93	55	74	3	1.13	0.06	10.21	0.60	1,211	367
Grundy Center .....	89	51	70	3	1.20	0.15	8.11	-1.84	901	238
Marshalltown .....	91	50	72	3	0.21	-0.91	5.29	-4.68	1,011	285
Newton .....	90	50	71	1	0.85	-0.23	6.59	-3.55	955	126
Perry .....	92	51	71	2	1.20	0.04	9.52	-0.69	959	229
Toledo .....	89	48	70	1	0.62	-0.44	6.87	-3.44	832	167
East Central District										
Cedar Rapids .....	89	48	71	2	0.34	-0.76	5.82	-3.70	936	156
Davenport .....	90	49	72	1	0.85	-0.20	10.57	1.13	991	120
Iowa City .....	92	50	72	0	1.05	0.00	9.13	-1.13	1,018	76
Lowden .....	89	49	71	2	1.03	-0.09	7.96	-2.71	875	155
Maquoketa .....	88	45	69	0	0.37	-0.75	5.72	-4.00	770	82
Muscatine .....	89	52	71	0	1.44	0.42	9.27	-0.60	943	43
South West District										
Atlantic .....	92	50	70	0	1.85	0.87	8.42	-0.89	990	201
Clarinda .....	92	52	71	-1	3.38	2.33	10.07	-0.57	1,063	287
Glenwood .....	89	52	70	-3	3.12	2.00	8.82	-1.68	1,026	152
Red Oak .....	93	54	72	-2	5.17	3.91	14.71	3.74	1,122	294
Sidney .....	89	58	72	-1	2.56	1.58	8.30	-1.51	1,135	243
South Central District										
Allerton .....	88	52	70	1	1.79	0.76	8.86	-1.02	951	174
Beaconsfield .....	91	53	71	2	3.00	1.98	9.58	-0.14	969	232
Chariton .....	90	51	72	3	1.80	0.66	10.36	0.04	982	283
Indianola .....	90	50	71	2	0.82	-0.30	7.03	-3.38	984	268
Leon .....	89	47	70	0	2.45	1.42	9.68	-0.89	932	210
South East District										
Bloomfield .....	92	47	71	0	2.97	2.01	9.29	-0.79	1,001	188
Burlington .....	90	52	73	2	1.90	0.95	9.61	0.06	1,099	175
Ottumwa .....	89	47	71	-2	2.82	1.95	9.94	0.58	1,040	129
Washington .....	91	48	72	-2	2.57	1.66	12.77	3.37	984	130

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2012: AWIS, Inc. All Rights Reserved.