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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

Issued June 20, 2011 Vol 11-16

For the week ending June 19, 2011

## STILL MORE RAIN

Although many areas of the State received rain again this past week, there are a few areas in need of moisture as rainfall amounts varied widely. Hail was reported in at least one area in northern Iowa. The week's activities included spraying, side-dressing corn and haying. Rainfall has made the completion of the first cutting of hay difficult in much of Iowa.

There were 3.5 days suitable for fieldwork statewide during the past week. Southeast Iowa had only 1.1 days suitable while southwest Iowa had 4.5 days suitable. Topsoil moisture levels rated 0 percent very short, 3 percent short, 68 percent adequate, and 29 percent surplus. Subsoil moisture rated 0 percent very short, 1 percent short, 73 percent adequate, and 26 percent surplus.

Corn condition is reported at 1 percent very poor, 2 percent poor, 13 percent fair, 58 percent good, and 26 percent excellent. Soybean planting is nearly complete. Ninety-five percent of the State's soybean crop has emerged, slightly ahead of last year's 94 percent and ahead of the five-year average of 93 percent. Soybean condition is reported at 1 percent very poor, 2 percent poor, 15 percent fair, 59 percent good and 23 percent excellent. Fifty-four percent of the oat crop has headed compared with 76 percent in 2010 and the average 61 percent. Oat condition stands at 0 percent very poor, 2 percent poor, 20 percent fair, 63 percent good, and 15 percent excellent. First cutting alfalfa hay harvest, at 72 percent complete sits just behind last year's 73 percent but just ahead of the normal 71 percent. The condition of the hay crop is reported at 1 percent very poor, 6 percent poor, 26 percent fair, 53 percent good, and 14 percent excellent.

Pasture and range condition was 0 percent very poor, 4 percent poor, 18 percent fair, 57 percent good, and 21 percent excellent. Pastures seem to be flourishing with all the precipitation and livestock are in generally good condition.

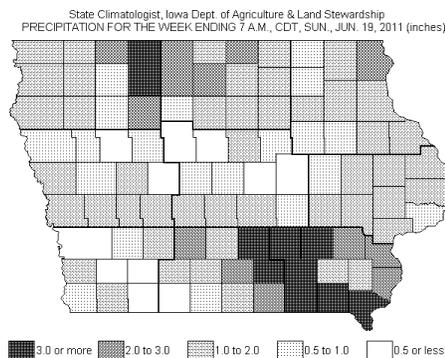
## IOWA PRELIMINARY WEATHER SUMMARY

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

The past week began with unseasonably cool weather. Daytime highs were only in the 60's in some areas on Sunday (12<sup>th</sup>), Monday (13<sup>th</sup>) and Tuesday (14<sup>th</sup>) while temperatures slowly climbed a little above normal by Friday (17<sup>th</sup>) and into the weekend. Temperature extremes varied from Thursday (16<sup>th</sup>) morning lows of 48 degrees at Sheldon and Sibley to a Friday afternoon high of 90 degrees at Shenandoah. Temperatures for the week as a whole averaged 2.2 degrees below normal. Rain was scattered throughout the week but no single event brought rain to the entire state. Locally heavy rain fell across parts of the southeast on Monday and Tuesday nights with significant flash flooding in Davis, Van Buren and Lee counties and areas downstream in Missouri. Isolated areas of heavy rain also fell over parts of northwestern Iowa on Tuesday and Saturday. Weekly rain totals varied from only 0.18 inch at Red Oak to 6.60 inches at Ringsted in Emmet County and 6.53 inches at Keokuk. The statewide average precipitation was 1.50 inches while normal for the week is 1.11 inches. This was the eighth week out of the past ten with greater than usual rainfall. Fortunately there were no areas of widespread heavy rainfall in the Iowa portion of the Missouri River watershed. Nevertheless a gradual increase in flows from areas upstream of Iowa allowed Missouri River levels to continue a slow rise through much of the week. Finally, there were scattered reports of high winds and large hail on Monday, Tuesday and Wednesday.

## Crop Conditions as of June 19, 2011

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn .....	1	2	13	58	26
Soybeans .....	1	2	15	59	23
Oats .....	0	2	20	63	15
Hay, all .....	1	6	26	53	14
Range & Pasture .....	0	4	18	57	21



## Field Work and Crop Progress as of June 19, 2011

Item	Districts									State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(Percent)												
Soybeans emerged .....	98	97	98	95	98	96	93	84	91	95	92	94	93
Oats headed .....	33	28	51	57	40	64	80	51	72	54	30	76	61
Hay, alfalfa - first crop harvested .....	83	84	94	89	80	86	74	44	36	72	65	73	71

## Days Suitable & Soil Moisture Condition as of June 19, 2011

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	(Days)											
Days suitable .....	3.5	3.9	4.4	4.2	3.6	2.7	4.5	2.3	1.1	3.5	4.1	1.6
	(Percent)											
Topsoil moisture												
Very short .....	0	0	0	0	1	0	0	0	0	0	0	0
Short .....	0	1	4	0	8	0	10	3	0	3	3	0
Adequate .....	68	84	82	69	69	59	72	44	52	68	73	46
Surplus .....	32	15	14	31	22	41	18	53	48	29	24	54
Subsoil moisture												
Very short .....	0	0	0	0	1	0	0	0	0	0	0	0
Short .....	0	1	2	0	4	0	3	1	0	1	2	0
Adequate .....	69	88	89	74	67	79	68	52	58	73	74	52
Surplus .....	31	11	9	26	28	21	29	47	42	26	24	48

**Weather Summary For National Agricultural Statistics Service, Iowa Field Office.**  
**For the week ending: 7:00 am Sunday, June 19, 2011, Prepared by AWIS, Inc.**

STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
North West District										
Estherville .....	84	53	67	-2	1.63	0.65	11.22	2.50	122	-7
Sioux Center .....	87	51	69	-3	0.89	-0.17	10.25	1.54	133	-17
Spencer .....	87	53	68	-2	0.55	-0.36	10.03	1.31	128	-8
Spirit Lake .....	89	54	69	1	2.22	1.17	9.34	1.05	131	-1
North Central District										
Britt .....	85	53	67	-4	1.71	0.66	12.68	3.31	120	-16
Dakota City .....	86	53	67	-4	0.98	-0.12	9.29	-0.36	123	-19
Mason City .....	86	53	67	-2	1.38	0.30	10.23	0.31	123	-11
Osage .....	86	50	67	-3	0.98	-0.07	11.51	1.58	116	-10
North East District										
Decorah .....	86	47	68	-2	1.87	0.83	10.83	0.88	126	-5
Dubuque .....	83	54	68	-1	0.99	0.01	10.36	-0.28	126	-4
Elkader .....	83	46	66	-4	1.12	0.21	9.42	-0.18	111	-15
Fayette .....	84	50	67	-2	0.71	-0.27	8.92	-1.21	121	-1
Waterloo .....	84	52	68	-2	0.59	-0.46	10.17	0.03	129	-14
West Central District										
Carroll .....	87	54	68	-2	0.73	-0.46	9.44	-1.32	130	-13
Castana .....	86	57	69	-2	1.06	0.01	10.28	0.44	135	-17
Guthrie Center .....	85	52	69	-2	1.63	0.47	14.21	3.57	132	-12
Harlan .....	88	56	69	-3	1.95	0.90	10.60	0.32	137	-4
Jefferson .....	85	55	68	-3	0.58	-0.61	8.74	-2.02	127	-14
Logan .....	88	56	70	-2	0.78	-0.27	12.28	2.05	140	-10
Rockwell City .....	85	54	68	-4	1.04	-0.01	8.79	-0.92	124	-19
Sac City .....	84	54	67	-3	0.57	-0.53	7.95	-2.08	120	-14
Sioux City .....	88	53	70	-1	1.73	0.89	13.16	4.76	143	-3
Central District										
Boone .....	85	52	67	-3	0.55	-0.71	11.62	0.44	121	-18
Des Moines .....	86	59	71	-1	1.03	-0.04	17.39	7.53	152	0
Grundy Center .....	84	54	68	-1	0.37	-0.68	11.23	1.04	127	-9
Marshalltown .....	85	54	69	-2	0.30	-0.82	10.96	0.73	132	-11
Newton .....	85	54	68	-3	1.59	0.52	13.53	3.15	126	-25
Perry .....	86	56	68	-2	1.47	0.32	12.90	2.44	130	-11
Toledo .....	84	54	67	-3	0.21	-0.84	9.64	-0.91	121	-13
East Central District										
Cedar Rapids .....	81	52	67	-4	0.85	-0.26	10.89	1.11	121	-24
Davenport .....	84	56	69	-3	0.66	-0.39	11.94	2.25	134	-24
Iowa City .....	83	52	68	-5	1.05	0.00	12.66	2.14	129	-33
Lowden .....	85	54	68	-3	1.60	0.48	12.94	2.00	126	-15
Maquoketa .....	83	54	67	-3	0.99	-0.13	10.81	0.83	123	-15
Muscatine .....	83	54	68	-5	1.78	0.75	13.63	3.50	127	-29
South West District										
Atlantic .....	88	53	69	-2	0.53	-0.45	8.12	-1.42	138	-10
Clarinda .....	89	56	71	0	0.68	-0.37	12.64	1.75	153	7
Glenwood .....	88	57	70	-2	1.52	0.40	11.79	1.05	143	-14
Red Oak .....	89	57	71	-2	0.18	-1.08	13.49	2.24	150	-1
Sidney .....	88	60	71	-3	0.73	-0.25	7.44	-2.60	146	-12
South Central District										
Allerton .....	85	55	69	-3	1.13	0.09	13.63	3.50	131	-13
Beaconsfield .....	84	56	69	-2	0.45	-0.58	12.19	2.22	137	-4
Chariton .....	85	52	68	-3	2.61	1.46	15.43	4.84	125	-12
Indianola .....	85	55	69	-2	1.47	0.36	21.67	11.01	132	-5
Leon .....	83	53	68	-3	1.65	0.63	13.05	2.24	129	-8
South East District										
Bloomfield .....	85	57	69	-4	4.89	3.92	18.78	8.46	136	-12
Burlington .....	84	56	69	-4	2.44	1.48	15.48	5.68	137	-21
Ottumwa .....	84	55	69	-4	3.82	2.94	16.27	6.68	133	-27
Washington .....	83	55	68	-6	2.28	1.37	15.73	6.10	128	-23

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 2011: AWIS, Inc. All Rights Reserved.