

Iowa Crops & Weather



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Issued July 17, 2006

Vol 06-20

For the week ending July 16, 2006

SPOTTY RAINS AND HOT WEATHER

Agricultural Summary: For much of Iowa, last week was hot and humid. Crops showed signs of heat stress and some producers expressed concern for future crop development if the hot, dry weather persists. Fields with light soils and late plantings showed the most stress with short beans and rolling corn. There were 5.7 **days suitable for fieldwork** last week, compared to 6.7 days last year, and the 5-year average of 5.3 days. **Topsoil moisture** rated 31 percent very short, 33 percent short, 35 percent adequate, and 1 percent surplus. **Subsoil moisture** rated 28 percent very short, 37 percent short, 34 percent adequate, and 1 percent surplus across the State.

Field Crops Report: **Oats harvested for grain** reached 15 percent this past week; this was behind the 5-year average of 16 percent and the previous year's 32 percent. **Oats turning color** was reported at 97 percent. This is ahead of both the 5-year average of 87 percent and the previous year's average of 96 percent. **Oat condition** was reported as 2 percent very poor, 8 percent poor, 25 percent fair, 56 percent good, and 9 percent excellent. **Corn tasseled** was at 71 percent in the state. **Corn silked** is at 46 percent; 13 percentage points ahead of last year and 21 percentage points ahead of the 5-year average. **Corn condition** was reported as 3 percent very poor, 6 percent poor, 23 percent fair, 51 percent good, and 17 percent excellent. **Soybeans blooming** was reported at 70 percent, equal to the previous year's average but ahead of the 5-year average of 59 percent. The percentage of **soybeans setting pods** was 17 percent. The **soybean condition** was reported as 2 percent very poor, 7 percent poor, 24 percent fair, 53 percent good, and 14 percent excellent. The **hay condition** across the state was reported as 6 percent very poor, 17 percent poor, 31 percent fair, 37 percent good, and 9 percent excellent. The second **alfalfa harvest** was reported at 80 percent complete. Reports across the State note the second cutting of hay is lighter and of a lower quality due to the lack of significant rains.

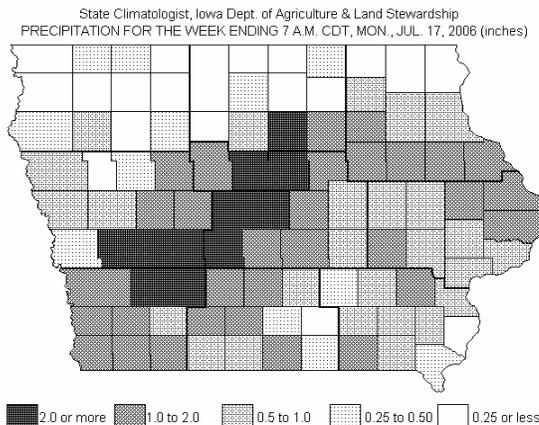
Livestock, Pasture and Range Report: **Pasture and range** rated 12 percent very poor, 29 percent poor, 34 percent fair, 21 percent good, and 4 percent excellent. Some parts of the State are reporting supplement feedings of hay to livestock to compensate for the poor pasture conditions caused by lack of rain.

IOWA PRELIMINARY WEATHER SUMMARY

Parts of Iowa received much needed heavy rainfall while other areas continued to suffer from extreme dryness. A period of showers and thunderstorms Monday (10th) and Tuesday (11th) brought very heavy rainfall from Harlan and Atlantic northeastward to near Iowa Falls. Rain totals reached 7.34 inches at Popejoy (southwest Franklin Co.) and 5.15 inches at Guthrie Center. However, the very dry northwest one-quarter of the state was missed entirely. A second round of thunderstorms dampened most of the state on Thursday (13th). Rainfall on Thursday was heaviest across the southern two-thirds of the state where most locations received at least one-third of an inch with a few areas over an inch. The remainder of the week was dry. Weekly rainfall totals varied from only 0.01 inches at Estherville, Swea City and Le Mars to 7.74 inches at Popejoy and 5.93 inches at Guthrie Center. The statewide average precipitation was 1.05 inches or just slightly more than the weekly average of 0.96 inches. Meanwhile, the work week began with mild weather on Monday (10th) with highs in the 70's northwest to 80's southeast. However, temperatures climbed well above normal beginning on Thursday (13th) and continued climbing through the weekend. Highs were in the 90's statewide on Saturday (15th) and Sunday (16th) except for a few locations in the northwest with triple digit heat on Sunday. Temperature extremes for the week ranged from a morning low of 58 degrees at Estherville on Wednesday (12th) to a Sunday (16th) afternoon high of 102 degrees at Onawa. Temperatures for the week as a whole averaged 3.2 degrees above normal.

Statewide Crop Conditions as of July 16, 2006

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	6	23	51	17
Hay, all	6	17	31	37	9
Oats	2	8	25	56	9
Range & Pasture	12	29	34	21	4
Soybeans	2	7	24	53	14



Field Work and Crop Progress as of July 16, 2006

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent				
Corn tasseled	74	69	46	75	75	69	85	78	77	71	21	55	41
Corn silked	49	43	32	43	49	42	64	59	54	46	8	33	25
Soybeans blooming	81	78	63	61	81	62	67	53	63	70	51	70	59
Soybeans setting pods	22	29	6	24	18	5	9	6	12	17	5	17	12
Oats harvested for grain	15	14	3	13	12	15	35	31	26	15	2	32	16
Hay, alfalfa - second crop harvested	90	81	91	90	93	69	78	80	78	80	62	78	56

Days Suitable & Soil Moisture Condition as of July 16, 2006

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 suitable	6.8	6.1	5.3	5.2	4.7	5.9	5.5	5.6	5.7	5.7	6.0	6.7
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	39	35	16	47	20	2	42	43	39	31	29	32
Short	38	32	22	28	28	49	24	46	36	33	38	38
Adequate	22	29	59	25	52	49	34	11	24	35	31	29
Surplus	1	4	3	0	0	0	0	0	1	1	2	1
Subsoil moisture												
Very short	27	21	10	33	26	13	36	58	36	28	24	16
Short	40	37	32	40	37	28	38	34	44	37	36	31
Adequate	32	36	58	27	36	59	25	8	19	34	39	50
Surplus	1	6	0	0	1	0	1	0	1	1	1	3

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, July 16, 2006

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	94	56	74	3	0.01	-0.76	10.07	-1.96	168	14
Sioux Center	100	58	77	3	0.07	-0.73	9.08	-3.19	190	22
Spencer	99	57	77	4	0.02	-0.95	8.51	-3.78	188	27
Spirit Lake	100	58	77	6	0.38	-0.46	9.03	-2.80	192	14
North Central District										
Britt	93	60	75	3	0.47	-0.54	11.91	-1.49	176	15
Humboldt	92	63	74	1	0.18	-0.80	9.04	-4.63	171	3
Mason City	94	58	75	3	0.12	-0.86	14.67	0.83	174	15
Osage	92	60	74	2	0.26	-0.72	12.60	-1.18	172	-3
North East District										
Decorah	94	59	75	3	0.50	-0.41	14.42	0.79	179	18
Dubuque	90	62	74	3	1.47	0.57	14.99	0.81	173	19
Elkader	92	64	75	3	0.80	-0.14	13.11	-0.03	177	-6
Fayette	90	64	74	2	1.12	0.08	13.08	-0.93	172	13
Waterloo	91	63	75	2	1.25	0.13	11.86	-2.55	176	15
West Central District										
Carroll	92	61	75	2	1.06	0.06	9.39	-5.52	177	9
Castana	93	60	76	2	0.86	0.13	7.99	-5.18	181	20
Guthrie Center	93	61	75	1	5.93	5.11	15.65	1.35	178	5
Harlan	92	61	75	-2	4.99	4.13	13.15	-0.76	174	6
Jefferson	93	62	75	2	1.81	0.81	11.32	-3.59	178	10
Logan	96	61	76	-1	0.63	-0.18	10.28	-3.40	183	1
Rockwell City	91	62	74	0	1.15	0.16	9.84	-3.86	171	-4
Sac City	96	63	76	3	0.11	-0.73	6.40	-7.27	184	16
Sioux City	96	60	77	2	0.21	-0.56	7.81	-3.68	192	10
Central District										
Boone	92	61	75	0	4.33	3.47	15.08	-0.05	174	6
Des Moines	94	65	79	3	1.81	0.97	9.55	-3.91	206	18
Grundy Center	90	63	75	3	1.12	0.07	12.75	-1.49	174	19
Marshalltown	90	62	75	2	1.65	0.68	12.63	-1.60	176	11
Newton	95	64	77	3	0.79	-0.05	8.51	-5.50	194	19
Perry	93	63	76	2	5.50	4.66	13.66	-0.53	182	14
Toledo	93	63	75	3	0.57	-0.41	10.79	-3.70	178	16
East Central District										
Cedar Rapids	92	64	76	2	0.16	-0.76	8.03	-5.61	183	13
Davenport	93	65	77	2	0.40	-0.47	11.41	-1.92	190	12
Iowa City	93	69	79	4	0.48	-0.64	11.56	-3.27	207	23
Lowden	93	65	76	3	1.28	0.28	12.79	-2.25	184	16
Maquoketa	91	63	74	1	1.62	0.82	16.14	2.57	172	11
Muscatine	93	69	80	5	0.38	-0.64	13.67	-0.48	208	52
South West District										
Atlantic	98	62	78	4	3.74	2.87	14.24	1.16	198	28
Clarinda	92	63	76	0	1.47	0.35	11.11	-4.08	185	3
Glenwood	96	63	77	1	1.31	0.45	10.98	-3.44	193	11
Red Oak	94	62	77	0	1.05	0.06	11.33	-4.15	191	2
Sidney	94	65	77	-1	1.73	0.61	12.40	-1.69	190	1
South Central District										
Allerton	94	65	78	3	1.40	0.35	9.34	-4.84	196	49
Beaconsfield	93	63	76	2	0.35	-0.63	10.62	-3.30	185	10
Chariton	94	61	76	1	0.74	-0.30	10.32	-4.52	184	9
Indianola	94	63	77	3	2.00	1.10	11.20	-3.23	191	16
Leon	95	63	77	2	1.34	0.43	10.54	-3.88	191	11
South East District										
Bloomfield	94	65	78	2	1.70	0.65	10.65	-3.54	198	16
Burlington	95	68	80	4	0.27	-0.71	7.78	-5.80	210	28
Ottumwa	93	63	78	2	0.78	-0.27	9.54	-3.83	198	11
Washington	95	65	78	2	1.61	0.66	10.23	-3.12	200	32

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 2006: AWIS, Inc. All Rights Reserved.