

Iowa Crops & Weather



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HOT WITH SPORADIC SHOWERS

Agricultural Summary: Crops on light soils continue to show the most stress, so heavy soils are a benefit this year. Intermittent, light showers have been enough to keep crops growing in most areas, but not enough to keep farmers from worrying. In general, northeastern counties have experienced the most plentiful rains to date, but some areas there are still short on moisture.

There were 5.9 days **suitable for fieldwork** last week, compared to 5.3 days last year, and the 5-year average of 5.6 days. **Topsoil moisture** rated 34 percent very short, 30 percent short, 35 percent adequate, and 1 percent surplus. **Subsoil moisture** rated 30 percent very short, 36 percent short, 33 percent adequate, and 1 percent surplus across the State.

Field Crops Report: **Oats turning color** was reported at 99 percent, the same as last year's average and 2 percentage points ahead of the 5-year average. **Oats harvested for grain** reached 47 percent this past week, 6 percentage points ahead of the 5-year average but behind the previous year's 66 percent. **Oat condition** was reported as 2 percent very poor, 7 percent poor, 24 percent fair, 48 percent good, and 19 percent excellent. **Corn tasseled** was at 93 percent in the state. **Corn silked**, at 80 percent, was 6 percentage points ahead of last year and 22 percentage points ahead of the 5-year average. **Corn condition** was reported as 3 percent very poor, 9 percent poor, 26 percent fair, 43 percent good, and 19 percent excellent. **Soybeans blooming** were reported at 85 percent, 2 percentage points behind the last year's average but 8 percentage points ahead of the 5-year average. The percentage of **soybeans setting pods** was 43 percent, slightly behind 45 percent last year but ahead of the five-year average of 30 percent. The **soybean condition** was reported as 3 percent very poor, 9 percent poor, 27 percent fair, 46 percent good, and 15 percent excellent. The **hay condition** across the state was reported as 9 percent very poor, 18 percent poor, 32 percent fair, 30 percent good, and 11 percent excellent. The second **alfalfa harvest** was reported at 89 percent complete.

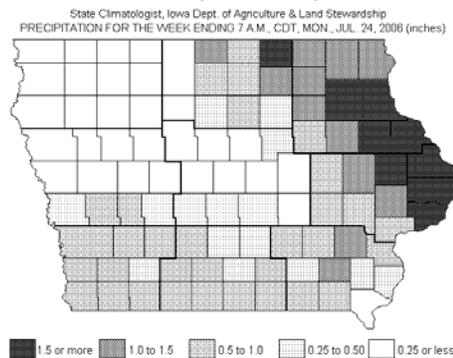
Livestock, Pasture and Range Report: **Pasture and range** rated 16 percent very poor, 31 percent poor, 30 percent fair, 17 percent good, and 6 percent excellent. Southern Iowa continues to experience dry conditions with reports of subsoil moisture shortages, dormant pastures and supplemental feeding of hay and grain to livestock on pasture. There were a few reports of heat related cattle deaths in feedlots without shade.

IOWA PRELIMINARY WEATHER SUMMARY

The past work week began with hot weather on Monday (17th) with temperatures in the 90's statewide with a few 100's across the south and east. There were also isolated thunderstorms scattered across eastern Iowa on Monday (17th) with very large hail and high winds reported in a few areas. Tuesday (18th) was dry with daytime highs in the mid 80's to mid 90's. Wednesday (19th) brought very hot weather to western and southern Iowa while thunderstorms held highs down in the 70's across the northeast one-third of the state where damaging winds were reported in several areas. Thursday (20th) brought mostly dry weather with highs in the low 80's northeast to low 90's south. Light to moderate rain was widespread over much of the southern two-thirds of Iowa on Friday (21st) with highs mostly in the 70's. Highs on Saturday (22nd) were in the 80's statewide with just a few very isolated thunderstorms. Sunday (23rd) was dry with highs in the low 80's east to low 90's west. Rainfall totals for the week varied widely. No rain was recorded across much of northwest Iowa and a small portion of central Iowa including locations such as Spencer, Storm Lake, Fort Dodge and Marshalltown. Meanwhile heavy rain fell across parts of northeast and east central Iowa. Maquoketa recorded 4.63 inches while Dubuque Airport measured 3.23 inches. The statewide average precipitation was 0.68 inches while normal for the week is 0.94 inches. Temperature extremes ranged from a Tuesday (18th) morning low of 50 degrees at Spencer to Wednesday (19th) afternoon highs of 105 degrees at Mapleton and Onawa. The 105 degree readings were Iowa's highest official temperatures since Keosauqua reached 107 degrees on July 29, 1999. Temperatures for the week as a whole averaged slightly below normal across the northeast to about 3 degrees above normal in the southwest with a statewide average of 1.0 degrees above normal.

Statewide Crop Conditions as of July 23, 2006

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	9	26	43	19
Hay, all	9	18	32	30	11
Oats	2	7	24	48	19
Range & Pasture	16	31	30	17	6
Soybeans	3	9	27	46	15



Field Work and Crop Progress as of July 23, 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	94	96	85	95	93	92	99	94	91	93	71	89	76	
Corn silked	79	82	68	80	83	80	89	84	79	80	46	74	58	
Corn in or past milk stage	16	9	9	12	20	10	25	35	29	16	3	18	10	
Soybeans blooming	90	91	86	84	87	78	85	76	77	85	70	87	77	
Soybeans setting pods	34	55	36	48	49	50	43	31	31	43	17	45	30	
Oats harvested for grain	47	43	29	56	47	46	89	66	52	47	15	66	41	
Hay, alfalfa - second crop harvested	91	91	92	98	98	91	98	86	85	89	80	92	76	

Days Suitable & Soil Moisture Condition as of July 23, 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	5.6	5.5	6.5	6.1	4.7	6.0	6.1	5.4	5.9	5.7	5.3	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	56	21	12	50	19	0	30	65	52	34	31	21	
Short	37	31	24	28	27	40	34	23	26	30	33	28	
Adequate	7	47	60	22	54	57	36	12	18	35	35	50	
Surplus	0	1	4	0	0	3	0	0	4	1	1	1	
Subsoil moisture													
Very short	43	19	15	38	18	2	25	72	37	30	28	15	
Short	40	38	34	38	36	35	44	21	42	36	37	31	
Adequate	17	41	51	24	45	63	31	7	19	33	34	53	
Surplus	0	2	0	0	1	0	0	0	2	1	1	1	

**Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.**

For the week ending: Sunday, July 23, 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	97	52	75	3	0.09	-0.68	10.16	-2.64	173	19
Sioux Center	99	52	77	4	0.00	-0.77	9.08	-3.96	195	27
Spencer	101	50	77	4	0.01	-0.92	8.52	-4.70	192	28
Spirit Lake	91	59	75	3	0.09	-0.75	9.12	-3.55	175	-7
North Central District										
Britt	94	57	74	1	0.66	-0.31	12.57	-1.80	168	4
Humboldt	95	58	74	0	0.10	-0.84	9.14	-5.47	172	4
Mason City	95	52	74	1	0.72	-0.25	15.39	0.58	168	7
Osage	93	52	73	1	1.85	0.90	14.45	-0.28	164	-11
North East District										
Decorah	95	56	75	3	0.67	-0.24	15.09	0.55	180	17
Dubuque	91	58	73	1	3.23	2.32	18.22	3.13	166	5
Elkader	93	54	73	0	1.61	0.63	14.72	0.60	162	-25
Fayette	94	57	74	1	1.62	0.60	14.70	-0.33	166	5
Waterloo	93	56	75	2	0.80	-0.30	12.66	-2.85	174	8
West Central District										
Carroll	96	58	77	3	0.05	-0.91	9.44	-6.43	187	19
Castana	104	61	79	4	0.04	-0.66	8.03	-5.84	204	38
Guthrie Center	97	58	76	2	0.52	-0.25	16.17	1.10	186	11
Harlan	95	57	76	1	0.50	-0.32	13.65	-1.08	183	15
Jefferson	97	58	77	3	0.07	-0.89	11.39	-4.48	187	19
Logan	101	58	78	2	0.54	-0.23	10.82	-3.63	198	14
Rockwell City	94	57	75	2	0.48	-0.50	10.32	-4.36	180	5
Sac City	98	58	77	3	0.06	-0.77	6.46	-8.04	191	21
Sioux City	102	54	78	3	0.01	-0.69	7.82	-4.37	201	19
Central District										
Boone	95	57	76	2	0.09	-0.71	15.17	-0.76	180	10
Des Moines	100	63	81	5	0.49	-0.35	10.04	-4.26	219	30
Grundy Center	93	57	74	2	0.35	-0.67	13.10	-2.16	170	10
Marshalltown	94	55	75	2	0.00	-0.93	12.63	-2.53	176	9
Newton	101	59	78	4	0.19	-0.65	8.70	-6.15	195	20
Perry	98	59	77	3	0.22	-0.58	13.88	-1.11	187	17
Toledo	97	56	74	0	0.00	-0.98	10.79	-4.68	170	2
East Central District										
Cedar Rapids	95	56	75	0	0.83	-0.08	8.86	-5.69	176	2
Davenport	97	58	76	0	2.14	1.30	13.55	-0.62	184	2
Iowa City	98	60	79	2	0.33	-0.79	11.89	-4.06	201	12
Lowden	97	54	74	1	2.10	1.12	14.89	-1.13	171	3
Maquoketa	92	57	72	-2	4.63	3.86	20.77	6.43	159	-4
Muscatine	96	58	76	1	1.83	0.85	15.50	0.37	185	24
South West District										
Atlantic	96	57	78	4	0.51	-0.33	14.75	0.83	196	23
Clarinda	96	58	77	1	0.54	-0.58	11.65	-4.66	189	7
Glenwood	100	59	78	2	0.59	-0.25	11.57	-3.69	199	14
Red Oak	101	59	79	3	0.50	-0.46	11.83	-4.61	204	15
Sidney	101	61	78	2	0.67	-0.42	13.07	-2.11	196	6
South Central District										
Allerton	98	58	78	3	0.85	-0.19	10.15	-5.07	198	51
Beaconsfield	99	61	78	3	0.80	-0.18	11.42	-3.48	194	15
Chariton	101	60	79	4	0.50	-0.48	10.82	-5.00	202	22
Indianola	98	60	79	4	0.51	-0.33	11.71	-3.56	200	25
Leon	100	57	78	3	0.90	-0.01	11.44	-3.89	201	19
South East District										
Bloomfield	98	63	79	3	0.66	-0.39	11.31	-3.93	204	18
Burlington	98	60	80	4	0.24	-0.72	8.02	-6.52	208	26
Ottumwa	96	58	78	2	0.48	-0.53	10.02	-4.36	199	10
Washington	98	57	76	-2	1.02	0.11	11.25	-3.01	185	17

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit.
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