

Iowa Crops & Weather



USDA – National Agricultural Statistical Service
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For the week ending June 3, 2007

MOISTURE STRESS

Agricultural Summary: Continual rain is making it hard to finish planting soybeans and harvest the first hay crop. Fields are showing signs of stress from excess moisture with yellow corn and shallow root systems. Wind and rain are keeping sprayers out of the fields. Fields that have not been sprayed are developing weed problems. Grain movement has picked up as planting nears completion.

There were 2.6 days suitable for fieldwork, compared to 5.9 days last year at this time. Topsoil moisture rated zero percent very short, 2 percent short, 63 percent adequate, and 35 percent surplus across the state. Subsoil moisture rated zero percent very short, 2 percent short, 65 percent adequate, and 33 percent surplus.

Field Crops Report: Oats headed are at 11 percent. The condition of the oat crop is zero percent very poor, 2 percent poor, 20 percent fair, 62 percent good, and 16 percent excellent. Ninety-three percent of the corn is emerged. An estimated 5 percent of the corn has been or will be replanted. Corn condition across the state is 1 percent very poor, 3 percent poor, 17 percent fair, 58 percent good, and 21 percent excellent. Soybeans planted are at 93 percent, behind last year's 98 percent and the five-year average of 94. Seventy-three percent of soybeans have emerged. Soybean condition is zero percent very poor, 3 percent poor, 21 percent fair, 60 percent good, and 16 percent excellent. Fifteen percent of the first cutting of alfalfa hay has been completed. Last year at this time, 62 percent had been harvested and the five-year average is 37 percent. All hay condition is 2 percent very poor, 9 percent poor, 29 percent fair, 51 percent good, and 9 percent excellent.

Livestock and Pasture Report: Pasture condition rated 1 percent very poor, 3 percent poor, 23 percent fair, 56 percent good, and 17 percent excellent.

IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

The past week brought showers and thunderstorms on a daily basis across Iowa. The most widespread rains came on Wednesday (30th) in central and south central areas and on Friday (1st) in eastern Iowa. Weekly precipitation totals varied from only 0.10 inches at Jefferson to 3.94 inches at Oakland Mills in Henry County. The statewide average precipitation was 1.75 inches while normal for the week is 1.20 inches. There were a few scattered reports of high winds or hail on Tuesday (29th), Thursday (31st) and Saturday (2nd) while tornadoes caused major damage in parts of eastern Iowa on Friday (1st) afternoon, particularly in Louisa and Muscatine counties. Daytime high temperatures were near 80 degrees statewide on Monday (28th). Tuesday (29th) brought highs in the mid 70's northwest to upper 80's east while highest readings on Wednesday (30th) were in the low 70's northwest to low 80's east. High temperatures for the remainder of the reporting week were mostly in the 70's. Temperature extremes for the week ranged from highs of 88 degrees at Burlington, Clinton, Davenport, Iowa City and Keosauqua on Tuesday (29th) to a morning low of 48 degrees at Little Sioux on Thursday (31st). Temperatures for the week as a whole averaged from 0.9 degrees cooler than normal at Omaha-Council Bluffs to 5.3 degrees above normal at the Quad Cities. For the state as a whole temperatures averaged 2.7 degrees above normal.

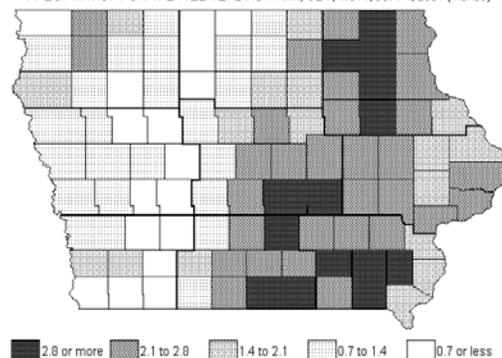
Statewide Crop Conditions as of June 3, 2007

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	1	3	17	58	21
Hay, all	2	9	29	51	9
Oats	0	2	20	62	16
Range & Pasture	1	3	23	56	17
Soybeans	0	3	21	60	16

PRELIMINARY IOWA PRECIPITATION

Provided by Harry Hillaker, State Climatologist

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON., JUN. 4, 2007 (inches)



Field Work and Crop Progress as of June 3, 2007

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 emerged	95	99	92	93	93	90	90	91	90	93	86	98	95	
Corn replanted	3	2	3	11	4	5	9	7	4	5	4	4	0	
Soybeans planted	99	99	99	89	94	97	86	79	88	93	87	98	94	
Soybeans emerged	82	94	75	62	70	77	59	56	67	73	47	82	71	
Oats headed	16	12	8	5	8	7	22	18	13	11	4	13	16	
Hay, alfalfa - first crop harvested	38	17	58	17	16	14	11	8	16	15	10	62	37	

Days Suitable & Soil Moisture Condition as of June 3, 2007

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	2.7	2.8	2.9	3.1	2.2	2.6	2.5	2.0	1.9	2.6	4.0	5.9	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	1	0	0	0	0	0	0	0	0	0	1	6	
Short	3	1	3	1	1	5	0	0	0	2	5	25	
Adequate	85	69	66	67	67	77	36	27	60	63	72	67	
Surplus	11	30	31	32	32	18	64	73	40	35	22	2	
Subsoil moisture													
Very short	0	0	0	0	0	0	0	0	0	0	0	4	
Short	1	0	5	0	3	4	0	1	2	2	2	19	
Adequate	85	71	70	74	63	80	31	37	67	65	74	74	
Surplus	14	29	25	26	34	16	69	62	31	33	24	3	

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, June 3, 2007

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	51	67	4	0.99	0.12	5.54	-0.98	121	25
Sioux Center	83	49	68	3	0.57	-0.38	7.07	0.77	129	19
Spencer	84	50	66	3	0.93	0.09	5.16	-1.48	117	14
Spirit Lake	82	52	67	4	1.01	0.13	6.55	0.56	119	0
North Central District										
Britt	81	53	66	1	1.02	0.09	9.24	2.23	117	5
Humboldt	82	47	65	-1	0.40	-0.57	9.43	2.23	109	4
Mason City	83	51	66	3	1.29	0.26	11.08	3.59	113	13
Osage	83	50	67	3	1.80	0.83	8.43	0.82	117	0
North East District										
Decorah	84	45	68	4	1.81	0.87	9.06	1.41	125	21
Dubuque	87	49	68	6	1.21	0.23	7.67	-0.73	131	35
Elkader	86	45	67	4	2.13	1.22	10.23	2.71	123	4
Fayette	84	47	66	3	2.33	1.35	11.57	3.68	117	17
Waterloo	85	54	69	5	1.79	0.81	9.90	2.10	136	29
West Central District										
Carroll	82	49	67	2	0.69	-0.40	12.80	4.70	119	12
Castana	79	51	66	-1	0.99	-0.06	13.45	6.09	112	6
Guthrie Center	80	50	67	2	0.81	-0.29	20.70	12.71	121	11
Harlan	81	50	66	-1	1.14	0.09	14.03	6.15	113	1
Jefferson	82	47	67	2	0.08	-1.01	13.20	5.10	118	11
Logan	79	51	66	-1	1.06	0.00	15.80	7.97	115	-4
Rockwell City	80	44	65	-3	0.55	-0.47	13.19	5.88	109	-8
Sac City	80	45	66	1	0.27	-0.78	11.80	4.31	109	4
Sioux City	83	50	67	0	2.22	1.31	12.51	6.11	120	3
Central District										
Boone	81	51	66	2	1.26	0.08	13.37	5.07	116	8
Des Moines	82	56	70	3	2.30	1.34	11.50	4.06	137	16
Grundy Center	83	50	68	5	1.82	0.81	11.28	3.49	128	30
Marshalltown	83	56	68	4	2.04	1.00	10.40	2.73	131	25
Newton	85	51	69	3	1.89	0.84	9.85	1.93	133	18
Perry	81	50	67	2	0.92	-0.17	15.64	7.80	119	11
Toledo	83	47	68	4	2.25	1.20	9.44	1.34	126	23
East Central District										
Cedar Rapids	85	54	69	4	2.86	1.90	8.52	1.20	136	24
Davenport	88	56	71	5	2.23	1.28	7.96	0.61	148	29
Iowa City	87	60	71	4	1.95	0.99	8.75	0.60	147	21
Lowden	87	51	70	5	1.65	0.61	7.58	-0.81	139	27
Maquoketa	86	50	68	4	2.41	1.40	8.08	0.63	127	24
Muscatine	87	53	71	5	1.92	0.96	8.76	0.92	152	51
South West District										
Atlantic	80	49	68	3	0.63	-0.33	16.09	8.79	125	14
Clarinda	81	45	66	-1	0.28	-0.81	13.33	4.84	116	-3
Glenwood	80	51	67	-2	1.72	0.55	16.71	8.53	118	-2
Red Oak	81	51	68	-1	1.07	-0.07	16.60	8.16	124	-4
Sidney	80	54	67	-2	0.37	-0.61	13.26	5.46	123	-5
South Central District										
Allerton	80	52	67	2	2.70	1.72	14.92	7.09	118	30
Beaconsfield	80	51	66	1	1.82	0.84	15.39	7.71	115	3
Chariton	81	52	67	3	2.91	1.88	14.31	6.29	124	14
Indianola	82	47	67	1	2.34	1.32	10.83	2.66	117	4
Leon	80	53	67	2	3.08	2.03	13.30	4.86	120	8
South East District										
Bloomfield	84	53	70	4	2.75	1.77	11.26	3.11	143	20
Burlington	88	60	74	7	1.76	0.85	6.49	-1.18	167	46
Ottumwa	85	58	71	3	3.30	2.41	12.22	4.59	145	20
Washington	86	56	71	4	2.23	1.32	11.22	3.67	150	40

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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