

Iowa Crops & Weather



USDA – National Agricultural Statistical Service
Iowa Field Office

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For the week ending June 24, 2007

SCATTERED STORMS

Agricultural Summary: Scattered rain showers at the end of the week brought much needed moisture to parts of the state, causing 85 percent of the topsoil to be rated adequate or surplus moisture. This is a significant change from a week ago when 33 percent of Iowa's topsoil moisture rated short or very short moisture. High winds accompanied the rains but caused little damage to crops. Other parts of the state received little to no precipitation, increasing worries over moisture of the soil.

There were 4.8 days suitable for fieldwork, compared to 5.1 days last year at this time. Topsoil moisture rated 3 percent very short, 12 percent short, 73 percent adequate, and 12 percent surplus across the state. Subsoil moisture rated 1 percent very short, 7 percent short, 79 percent adequate, and 13 percent surplus.

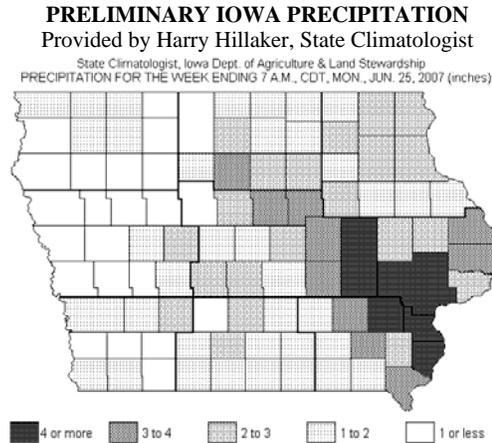
Field Crops Report: Oats headed are at 86 percent, marginally behind both last year and the five-year average of 88 percent. Oats turning color are at 11 percent, one percent ahead of last year and equal to the five-year average. The condition of the oat crop is zero percent very poor, 2 percent poor, 19 percent fair, 64 percent good, and 15 percent excellent. Average corn height is 36 inches, an increase of 12 inches from the previous week. Corn condition is basically unchanged from last week at 1 percent very poor, 4 percent poor, 17 percent fair, 56 percent good, and 22 percent excellent. Soybeans blooming are at 5 percent, slightly ahead of the five-year average of 3 percent. Soybean condition changed slightly from the previous week and is now at zero percent very poor, 3 percent poor, 22 percent fair, 57 percent good, and 18 percent excellent. First cutting of alfalfa hay, at 89 percent complete, remains well behind last year's 99 percent and the five-year average of 93 percent. All hay condition is 2 percent very poor, 9 percent poor, 32 percent fair, 49 percent good, and 8 percent excellent.

Livestock and Pasture Report: Pasture condition rated 1 percent very poor, 5 percent poor, 27 percent fair, 57 percent good, and 10 percent excellent. Fly populations have become an issue for some livestock farmers and ranchers.

IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

Severe weather and torrential downpours were the big weather news across Iowa this part week. Thunderstorms were widespread on Thursday (21st) and Friday (22nd). Severe weather was reported from 40 counties on Thursday with very heavy rains falling over parts of east central Iowa. Friday's storms brought severe weather to 10 counties, mainly in central Iowa, and again brought torrential rains to portions of east central Iowa. Showers and thunderstorms also dampened much of Iowa on Monday (18th) and across the far northeast corner of the state on Wednesday (20th). Rainfall totals for the week varied from only a trace at Logan to 8.23 inches at Marengo. The statewide average precipitation was 1.97 inches while normal for the week is 1.24 inches. Rainfall over the past month has been heaviest in eastern Iowa and least in the west, reversing the trend prevailing through most of the spring. Very warm and humid air dominated the state on Monday (18th) and Thursday (21st) with 92 degree highs reported on Thursday at Bedford, Guthrie Center, Jefferson, Oakland and Shenandoah. Much cooler weather was the rule on Tuesday (19th) and over the weekend (23rd-24th). Postville and Elkader reported the week's lowest temperatures with 49 degree readings on Wednesday (20th) morning. Temperatures for the week as a whole averaged 0.2 degrees below normal statewide, with western Iowa averaging a degree or two warmer than usual and eastern Iowa a degree or two cooler.

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	1	4	17	56	22
Hay, all	2	9	32	49	8
Oats	0	2	19	64	15
Range & Pasture	1	5	27	57	10
Soybeans	0	3	22	57	18



Field Work and Crop Progress as of June 24, 2007

Item	Districts										State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE					
Corn, average tallest height	49	48	48	48	53	54	58	51	60	51	37	44	NA	
Corn, average height	35	33	38	35	36	39	36	30	40	36	24	33	NA	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Corn stand (normal = 100%)	97	97	95	92	88	97	88	90	94	94	93	97	NA	
Soybeans blooming	8	10	12	2	1	3	5	1	3	5	0	3	2	
Oats headed	95	83	85	81	84	85	91	87	84	86	65	88	88	
Oats turning color	11	6	5	7	13	12	21	15	21	11	3	10	11	
Hay, alfalfa - first crop harvested	100	100	98	96	95	97	94	95	77	89	79	99	93	

Days Suitable & Soil Moisture Condition as of June 24, 2007

Item	Districts										State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Days suitable	5.4	4.1	3.7	5.9	4.5	4.0	6.2	5.3	4.3	4.8	6.6	5.1	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	5	0	0	5	1	0	11	2	0	3	4	17	
Short	24	7	4	28	8	2	15	16	4	12	29	28	
Adequate	70	86	86	65	63	68	66	73	81	73	64	52	
Surplus	1	7	10	2	28	30	8	9	15	12	3	3	
Subsoil moisture													
Very short	2	1	0	2	0	0	5	0	0	1	1	16	
Short	15	3	5	14	4	1	8	7	8	7	8	30	
Adequate	82	87	89	81	65	74	64	85	82	79	82	52	
Surplus	1	9	6	3	31	25	23	8	10	13	9	2	

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, June 24, 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	89	53	72	4	0.77	-0.20	7.25	-2.16	153	18
Sioux Center	90	50	73	2	0.28	-0.77	8.37	-1.09	162	12
Spencer	89	52	73	3	0.92	0.01	6.38	-2.99	160	18
Spirit Lake	87	57	72	4	2.24	1.20	9.26	0.23	157	-1
North Central District										
Britt	88	54	71	-2	2.16	1.10	12.18	2.05	145	-5
Humboldt	88	56	71	-1	1.80	0.68	11.84	1.39	149	5
Mason City	89	53	71	2	1.24	0.19	12.82	2.15	151	13
Osage	87	55	70	-1	1.09	0.04	11.02	0.34	138	-18
North East District										
Decorah	87	51	70	-1	2.67	1.65	12.79	2.12	139	0
Dubuque	88	50	70	1	0.86	-0.11	9.17	-2.16	140	5
Elkader	89	49	69	-1	2.49	1.58	14.07	3.82	134	-24
Fayette	89	54	69	-1	1.22	0.24	13.81	2.98	134	-3
Waterloo	88	53	71	2	2.89	1.84	14.33	3.44	151	8
West Central District										
Carroll	89	55	73	2	1.42	0.26	14.81	3.23	162	15
Castana	88	57	73	2	0.80	-0.23	14.40	3.83	159	15
Guthrie Center	92	50	72	2	2.97	1.85	23.92	12.48	159	10
Harlan	90	55	73	2	0.38	-0.66	15.02	4.00	164	15
Jefferson	92	55	73	3	2.60	1.44	16.12	4.54	162	15
Logan	89	52	73	1	0.00	-1.00	15.94	5.01	163	4
Rockwell City	89	56	72	-1	0.72	-0.33	14.69	4.23	157	1
Sac City	90	54	72	2	0.65	-0.40	13.23	2.45	157	13
Sioux City	90	54	74	3	0.28	-0.56	14.68	5.68	174	18
Central District										
Boone	89	52	70	-1	2.04	0.81	15.81	3.76	145	1
Des Moines	91	60	74	2	2.44	1.39	14.00	3.39	172	10
Grundy Center	88	55	71	2	4.12	3.07	16.58	5.64	148	11
Marshalltown	90	52	72	2	1.70	0.58	12.40	1.37	158	13
Newton	91	57	73	2	1.43	0.38	11.43	0.30	161	9
Perry	91	54	72	2	2.05	0.93	17.96	6.70	157	11
Toledo	89	55	71	1	2.59	1.54	12.40	1.10	149	7
East Central District										
Cedar Rapids	88	54	70	-2	3.63	2.54	13.36	2.81	144	-6
Davenport	90	54	71	-2	2.30	1.26	10.61	0.18	151	-7
Iowa City	91	57	73	-2	2.70	1.61	11.80	0.49	159	-6
Lowden	90	51	70	-2	2.33	1.21	11.27	-0.47	142	-7
Maquoketa	88	53	69	-2	3.89	2.80	12.94	2.19	133	-11
Muscatine	91	59	74	1	5.06	4.01	14.13	3.25	167	29
South West District										
Atlantic	91	51	73	3	1.14	0.16	17.51	7.27	165	15
Clarinda	89	54	72	0	1.30	0.22	16.70	5.03	158	0
Glenwood	90	53	74	2	0.41	-0.66	17.25	5.76	170	12
Red Oak	90	55	74	1	0.62	-0.59	17.66	5.56	172	6
Sidney	89	61	74	1	1.53	0.55	14.79	4.05	170	5
South Central District										
Allerton	89	57	72	1	1.73	0.68	17.21	6.33	155	29
Beaconsfield	87	59	72	0	1.61	0.56	17.21	6.49	154	4
Chariton	89	52	72	2	1.72	0.54	16.64	5.21	156	8
Indianola	89	55	72	0	1.92	0.86	12.92	1.51	155	4
Leon	87	54	72	0	1.24	0.26	14.79	3.28	153	3
South East District										
Bloomfield	89	58	73	0	1.87	0.89	13.28	2.26	160	0
Burlington	94	58	76	4	4.84	3.86	11.38	0.88	183	23
Ottumwa	91	57	74	0	2.12	1.21	14.49	4.25	167	3
Washington	91	54	73	-2	5.28	4.35	16.64	6.34	161	14

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 2007: AWIS, Inc. All Rights Reserved.

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