

Iowa Crops & Weather



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Iowa Field Office

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For the week ending August 24, 2008

CROP DEVELOPMENT ADVANCES SLOWLY

Agricultural Summary: Topsoil and subsoil moisture supplies remained mostly adequate, but shortages increased as most areas of the State received little rainfall. Dry weather supported haying and other fieldwork, but pastures and hay need rain to promote growth. Near-normal temperatures prevented significant crop and livestock stress, but more warm days are needed to promote crop development. Airplane pilots were busy applying insecticides and fungicides to soybean fields.

There were 6.2 days suitable for fieldwork, compared to 1.8 days last year at this time. Topsoil moisture is rated 7 percent very short, 26 percent short, 64 percent adequate, and 3 percent surplus across the state. Subsoil moisture is rated 2 percent very short, 16 percent short, 75 percent adequate, and 7 percent surplus.

Field Crops Report: Corn at or beyond the milk stage progressed to 88 percent, 11 days behind last year and 8 days behind the five-year average. Corn at or beyond the dough stage advanced to 53 percent, 29 percentage points behind last year and 25 percentage points behind the five-year average. Thirteen percent of the corn has reached the dent stage, well behind last year's 53 percent and the 5-year average of 40 percent. Corn condition is rated 2 percent very poor, 8 percent poor, 25 percent fair, 49 percent good, and 16 percent excellent. Soybeans setting pods is at 89 percent, 12 days behind last year and the five-year average. Soybean condition is rated at 2 percent very poor, 8 percent poor, 27 percent fair, 48 percent good, and 15 percent excellent. The oat harvest is nearly finished at 97 percent complete, slightly behind last year and the 5-year average. The second cutting of alfalfa is 96 percent complete. Normally, the second cutting is done by this date. The third cutting of alfalfa advanced to 32 percent complete, nearly 2 weeks behind last year and the five-year average. All hay

condition is rated 2 percent very poor, 8 percent poor, 32 percent fair, 47 percent good, and 11 percent excellent.

Livestock, Pasture and Range Report: Pasture and range condition is rated 3 percent very poor, 9 percent poor, 31 percent fair, 48 percent good, and 9 percent excellent.

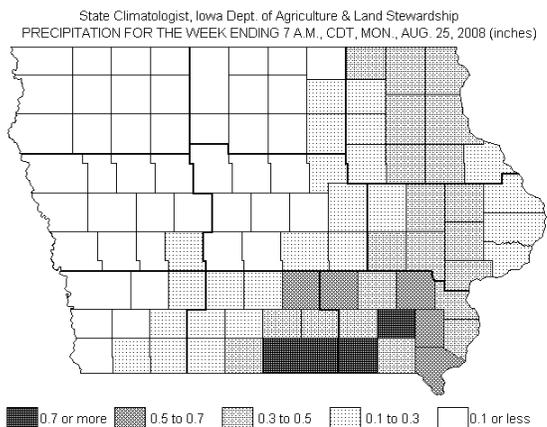
IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist

The past reporting week brought mostly dry weather with temperatures averaging near normal. Dry weather prevailed over most of Iowa on Monday (18th), Tuesday (19th) and Wednesday (20th) with daytime highs in the 80's. Light rain was widespread over the southeast three-fourths of the state on Thursday (21st) with highs only in the 70's. Very warm and humid air made a brief return on Friday (22nd) with afternoon highs reaching 92 degrees at Glenwood, Shenandoah and Sidney. A few isolated showers crossed northeastern Iowa on Friday while scattered showers and thunderstorms dampened parts of central and southeast Iowa Friday night and Saturday morning. Cool and dry air dominated the state late in the weekend with highs only in the 70's on Sunday (24th) despite sunny skies. Estherville and Cresco reported low temperatures of 43 degrees on Monday (25th) morning. Temperatures for the week as a whole averaged 0.2 degrees below normal. Precipitation totals varied from none over most of the northwest one-quarter of Iowa up to 1.23 inches at Fairfield and 1.26 inches at Knoxville. The statewide average precipitation was only 0.20 inches while normal for the week is 0.95 inches. Much of the state could use some rain with southwestern Iowa particularly dry where Red Oak has recorded only 0.03 inches of rain over the past 30 days.

Statewide Crop Conditions as of August 24, 2008

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	8	25	49	16
Soybeans	2	8	27	48	15
Hay, all	2	8	32	47	11
Range & Pasture	3	9	31	48	9

PRELIMINARY IOWA PRECIPITATION Provided by Harry Hillaker, State Climatologist



Field Work and Crop Progress as of August 24, 2008

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 in or past milk stage	87	95	90	94	89	78	81	77	82	88	70	97	96
Corn in or past dough stage	59	56	40	64	54	42	55	39	47	53	30	82	78
Corn in or past dent stage	24	7	5	15	13	9	21	9	8	13	4	53	40
Soybeans setting pods	96	95	96	96	89	84	80	67	79	89	80	98	98
Oats harvested for grain	93	100	100	100	87	96	99	97	93	97	91	100	100
Hay, alfalfa - second crop harvested	100	100	98	98	96	100	99	88	97	96	91	100	100
Hay, alfalfa - third crop harvested	60	36	44	44	21	30	26	19	27	32	22	49	65

Days Suitable & Soil Moisture Condition as of August 24, 2008

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	6.3	5.8	6.7	6.3	5.5	6.9	5.6	5.2	6.2	5.9	1.8
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	12	7	4	9	2	2	27	2	0	7	2	1
Short	22	23	32	47	22	14	46	16	10	26	19	4
Adequate	65	70	63	44	72	75	26	77	82	64	72	57
Surplus	1	0	1	0	4	9	1	5	8	3	7	38
Subsoil moisture												
Very short	2	3	2	3	1	0	5	0	0	2	1	2
Short	22	17	21	26	8	4	34	5	6	16	11	6
Adequate	75	77	72	70	79	82	57	80	83	75	76	61
Surplus	1	3	5	1	12	14	4	15	11	7	12	31

Weather Summary For National Agricultural Statistics Service, Iowa Field Office
For the week ending: Sunday, August 24, 2008, 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	46	68	1	0.00	-0.84	17.48	0.95	130	7
Sioux Center	87	48	70	-1	0.00	-0.77	16.23	-0.18	140	1
Spencer	86	44	69	-1	0.00	-0.91	15.38	-2.05	131	-1
Spirit Lake	86	52	70	2	0.00	-0.84	14.77	-1.68	142	-10
North Central District										
Britt	85	50	69	-1	0.07	-0.70	24.72	6.58	136	-1
Humboldt	86	52	69	0	0.00	-0.84	25.82	7.16	137	-2
Mason City	85	46	70	2	0.01	-0.93	29.24	10.19	141	11
Osage	85	50	69	0	0.00	-1.05	30.22	10.86	136	-12
North East District										
Decorah	85	49	71	2	0.42	-0.49	31.14	12.51	149	12
Dubuque	83	51	71	3	0.13	-0.98	28.61	8.87	151	21
Elkader	85	48	70	2	0.43	-0.54	36.30	17.66	144	-8
Fayette	85	57	70	2	0.44	-0.54	34.81	15.24	144	12
Waterloo	88	50	72	3	0.29	-0.48	32.81	13.26	155	21
West Central District										
Carroll	87	55	70	1	0.06	-0.78	27.94	8.05	142	3
Castana	86	55	70	-2	0.00	-0.84	21.40	3.99	141	4
Guthrie Center	87	50	69	-3	0.06	-0.92	31.86	12.60	133	-11
Harlan	89	51	69	-3	0.00	-0.84	21.97	3.67	137	0
Jefferson	86	53	70	0	0.05	-0.79	28.78	8.89	138	-1
Logan	89	55	71	-1	0.00	-0.79	20.70	2.68	147	-4
Rockwell City	86	55	70	-2	0.00	-0.86	25.29	6.51	139	-5
Sac City	86	53	69	-2	0.00	-0.90	24.28	5.90	132	-6
Sioux City	86	51	70	-2	0.00	-0.68	17.20	1.91	144	-7
Central District										
Boone	86	53	70	1	0.03	-0.89	37.41	17.43	142	2
Des Moines	86	58	73	1	0.07	-0.91	33.25	14.69	165	5
Grundy Center	85	51	70	3	0.16	-0.67	34.23	14.91	145	18
Marshalltown	84	50	70	2	0.10	-0.95	32.18	12.26	142	10
Newton	85	54	71	1	0.12	-0.79	29.49	10.70	150	3
Perry	87	52	71	1	0.03	-0.88	31.03	12.03	146	9
Toledo	83	51	70	1	0.29	-0.73	34.45	14.22	143	7
East Central District										
Cedar Rapids	83	51	71	0	0.45	-0.46	30.27	11.61	145	4
Davenport	87	52	73	2	0.29	-0.68	24.99	6.45	165	13
Iowa City	84	55	73	0	0.30	-0.68	27.94	7.30	162	3
Lowden	88	49	72	3	0.34	-0.71	23.73	3.04	154	11
Maquoketa	82	51	70	2	0.29	-0.76	30.35	11.70	144	9
Muscatine	86	57	72	0	0.49	-0.39	28.84	9.55	159	27
South West District										
Atlantic	89	52	71	2	0.14	-0.69	29.73	12.18	151	12
Clarinda	89	53	70	-2	0.28	-0.73	23.03	1.98	143	-7
Glenwood	92	55	72	0	0.00	-0.91	29.90	10.68	155	-1
Red Oak	91	53	72	-2	0.01	-0.97	29.63	8.89	157	-3
Sidney	92	58	72	0	0.17	-0.75	27.04	7.31	158	1
South Central District										
Allerton	83	56	71	-1	1.08	0.10	38.37	18.77	147	27
Beaconsfield	86	56	71	0	0.55	-0.36	32.52	13.47	149	-1
Chariton	84	51	70	-2	0.24	-0.69	33.40	13.49	139	-10
Indianola	86	52	71	1	0.14	-0.77	36.42	17.22	150	4
Leon	84	55	70	-2	0.53	-0.52	27.00	7.12	144	-7
South East District										
Bloomfield	84	56	72	0	0.82	-0.23	32.93	13.03	158	1
Burlington	86	59	74	3	0.40	-0.49	21.81	3.24	172	18
Ottumwa	84	54	72	-1	0.42	-0.45	31.78	13.30	158	0
Washington	86	53	71	-3	0.80	-0.04	28.91	10.77	149	11

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 2008: AWIS, Inc. All Rights Reserved.

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