

Iowa Crops & Weather



USDA – National Agricultural Statistical Service
Iowa Field Office

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For the week ending April 20, 2008

SUN AND THEN RAIN

Agricultural Summary: The first part of the week most of Iowa experienced windy and drier conditions, as some fieldwork began. By Thursday and Friday, however, heavy rains added to the already saturated soil, pasture, and road conditions.

There were 1.2 days suitable for fieldwork, compared to 3.3 days last year at this time. Topsoil moisture rated zero percent very short, zero percent short, 41 percent adequate, and 59 percent surplus across the state. Subsoil moisture rated zero percent very short, zero percent short, 53 percent adequate, and 47 percent surplus.

Field Crops Report: Oat seeding was 15 percent complete, behind last year's and the five-year average of 46 percent and 75 percent, respectively. Oats emerged was three percent, behind last year's and the five-year average of five percent and 22 percent, respectively. Fertilizer application is 61 percent complete, which is 10 percentage points behind last year and 15 percentage points behind the five-year average.

Livestock, Pasture and Range Report: Pasture and range condition rated six percent very poor, 17 percent poor, 45 percent fair, 28 percent good, and four percent excellent. Calving and lambing are ongoing with no major problems reported.

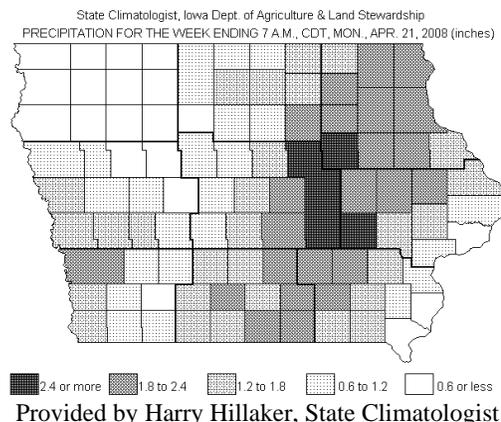
IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

Iowa enjoyed much warmer weather this past week; however, a major storm system brought moderate to heavy rainfall to much of the state. The past work week began with unseasonably cold weather on Monday (14th) with morning lows mostly in the 20's and afternoon highs in the 50's. Temperatures edged above normal on Tuesday (15th) while Wednesday (16th) was the warmest day of the week in most areas with highs in the 70's. High temperatures on Thursday (17th) and Friday (18th) varied from the mid 40's in the northwest to the 60's and a few 70's in the southeast. Seasonal temperatures prevailed on Saturday (19th) with much warmer weather returning on Sunday (20th). Temperature extremes for the week varied from a Monday (14th) morning low of 19 degrees at Little Sioux to afternoon highs of 78 degrees at Sioux City on Tuesday (15th) and at Ankeny, Bedford and Keosauqua on Wednesday (16th). Temperatures for the week as a whole averaged 2.1 degrees above normal. Rain moved into southwestern Iowa on Thursday (17th) morning and finally exited eastern portions of the state on Saturday (19th). Heaviest rains fell in central Iowa with much lesser amounts in the northwest and southeast corners of the state. Weekly totals varied from none at Rock Valley to 4.29 inches at Traer in Tama County. The statewide average precipitation was 1.35 inches while normal for the week is 0.80 inches. Soil temperatures as of Sunday (20th) were averaging in the low 50's northwest to mid 50's southeast.

Statewide Crop Conditions as of April 20, 2008

Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Range & Pasture	6	17	45	28	4

PRELIMINARY IOWA PRECIPITATION



Field Work and Crop Progress as of April 20, 2008

Item	Districts										State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE					
	<i>Percent</i>													
Fertilizer application completed	62	65	49	67	66	59	62	52	54	61	55	71	76	
Corn planted	1	0	0	1	0	0	1	0	0	0	0	6	12	
Oats planted	19	9	5	43	27	9	26	9	12	15	4	46	75	
Oats emerged	2	1	0	4	5	4	3	4	3	3	0	5	22	

Days Suitable & Soil Moisture Condition as of April 20, 2008

Item	Districts										State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	<i>Days</i>	<i>Days</i>											
Days suitable	1.3	0.7	0.5	2.1	1.3	1.0	1.6	0.8	0.8	1.2	0.4	3.3	
	<i>Percent</i>												
Topsoil moisture													
Very short	0	0	0	0	0	0	0	0	0	0	0	0	
Short	0	0	0	0	0	0	0	0	0	0	0	2	
Adequate	71	52	28	56	31	30	56	16	23	41	47	75	
Surplus	29	48	72	44	69	70	44	84	77	59	53	23	
Subsoil moisture													
Very short	0	0	0	0	0	0	0	0	0	0	0	0	
Short	0	0	0	0	0	0	0	0	1	0	0	4	
Adequate	70	65	44	65	45	33	69	34	40	53	62	75	
Surplus	30	35	56	35	55	67	31	66	59	47	38	21	

**Weather Summary For
National Agricultural Statistics Service, Iowa Field Office
For the week ending: Sunday, April 20, 2008, Prepared by AWIS, Inc.**

STATION	CURRENT WEEK				SINCE APRIL 1				CURRENT WEEK	
	TEMPERATURE			DFN	PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG		TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
North West District										
Estherville	71	23	47	1	0.31	-0.38	2.40	0.57	13	2
Sioux Center	75	21	51	2	0.22	-0.34	1.31	-0.28	26	3
Spencer	72	19	47	-2	0.17	-0.47	1.65	-0.08	15	-1
Spirit Lake	70	22	48	3	0.34	-0.22	1.21	-0.37	16	-9
North Central District										
Britt	73	26	45	-5	0.98	0.25	2.97	1.02	8	-10
Humboldt	74	27	46	-5	0.50	-0.22	2.72	0.76	12	-4
Mason City	74	22	47	-1	1.32	0.62	4.26	2.37	14	-1
Osage	74	27	45	-4	1.53	0.76	4.94	2.83	7	-17
North East District										
Decorah	73	22	51	2	2.04	1.20	4.58	2.34	27	9
Dubuque	74	26	51	3	1.39	0.50	4.33	1.89	29	11
Elkader	74	22	48	-2	2.33	1.56	6.28	4.22	12	-19
Fayette	74	27	46	-3	2.36	1.56	5.95	3.83	9	-8
Waterloo	76	21	48	-2	3.52	2.74	6.16	4.03	17	-4
West Central District										
Carroll	71	24	46	-4	0.60	-0.19	2.92	0.79	12	-9
Castana	74	23	46	-6	1.03	0.39	3.16	1.42	15	-4
Guthrie Center	75	21	46	-5	1.05	0.28	3.01	0.90	15	-9
Harlan	72	23	46	-6	1.48	0.74	4.09	2.12	14	-9
Jefferson	73	26	46	-4	0.44	-0.35	3.10	0.97	12	-9
Logan	74	22	47	-5	1.69	1.00	3.76	1.94	17	-13
Rockwell City	71	25	46	-6	0.40	-0.27	2.99	1.21	10	-14
Sac City	72	25	46	-3	0.74	0.07	2.69	0.85	14	-3
Sioux City	78	21	50	-3	0.33	-0.23	2.60	1.13	29	2
Central District										
Boone	76	25	46	-4	1.13	0.33	4.19	2.04	15	-8
Des Moines	77	28	50	-3	1.23	0.41	3.34	1.12	24	-6
Grundy Center	75	27	47	-2	3.35	2.58	6.49	4.44	12	-3
Marshalltown	75	24	49	-1	2.53	1.76	5.16	3.07	20	0
Newton	75	28	48	-4	1.99	1.22	5.15	3.07	12	-12
Perry	76	24	46	-4	0.88	0.12	3.42	1.41	15	-5
Toledo	74	25	46	-3	2.44	1.67	4.89	2.82	10	-8
East Central District										
Cedar Rapids	74	26	50	0	1.81	1.04	4.20	2.10	26	3
Davenport	74	30	53	2	0.50	-0.27	3.15	1.00	39	14
Iowa City	76	28	52	-1	1.84	0.94	5.08	2.67	35	3
Lowden	75	24	50	0	1.32	0.41	4.99	2.52	29	5
Maquoketa	74	26	50	1	1.56	0.79	5.04	2.92	27	8
Muscatine	75	31	51	-2	0.87	0.03	3.93	1.62	30	13
South West District										
Atlantic	74	20	52	3	1.36	0.66	3.19	1.26	36	13
Clarinda	76	22	47	-5	0.62	-0.19	2.08	-0.08	18	-6
Glenwood	74	23	47	-6	1.81	1.11	4.65	2.83	19	-12
Red Oak	74	24	48	-6	1.16	0.32	2.66	0.42	20	-14
Sidney	73	27	48	-5	1.56	0.81	3.43	1.41	19	-12
South Central District										
Allerton	73	27	50	-2	2.05	1.26	5.31	3.16	24	13
Beaconsfield	73	27	47	-4	1.65	0.88	3.57	1.45	11	-13
Chariton	74	23	47	-5	1.63	0.79	4.33	2.02	13	-11
Indianola	76	25	48	-4	1.52	0.66	3.15	0.84	16	-10
Leon	75	25	49	-3	1.09	0.24	3.67	1.41	19	-5
South East District										
Bloomfield	73	29	50	-4	1.70	0.86	4.54	2.26	24	-11
Burlington	76	30	54	3	0.34	-0.50	3.35	1.05	51	19
Ottumwa	75	26	51	-3	2.39	1.62	5.55	3.44	26	-5
Washington	75	29	51	-4	1.69	0.92	4.64	2.56	27	8

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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