

Iowa Crops & Weather



USDA – National Agricultural Statistical Service
Iowa Field Office

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For the week ending April 27, 2008

RAIN AGAIN

Agricultural Summary: Days of sunshine followed by heavy rain storms, once again, kept fieldwork to a minimum during Iowa's last full week of April. Slightly drier conditions in the western one-third of Iowa resulted in more opportunities for fieldwork, including corn planting. Despite very wet conditions, Spring temperatures helped the emergence of planted oats. With few exceptions, hayfields and pastures have begun to establish as well.

There were 1.3 days suitable for fieldwork, compared to 2.2 days last year at this time. Topsoil moisture rated zero percent very short, zero percent short, 33 percent adequate, and 67 percent surplus across the state. Subsoil moisture rated zero percent very short, zero percent short, 43 percent adequate, and 57 percent surplus.

Field Crops Report: Oat seeding was 28 percent complete, 10 days behind last year. Oats emerged was five percent, behind last year's and the five-year average of 18 percent and 48 percent, respectively. Fertilizer application is 66 percent complete, which is 13 percentage points behind last year and 18 percentage points behind the five-year average.

Livestock, Pasture and Range Report: Pasture and range condition rated five percent very poor, 16 percent poor, 41 percent fair, 33 percent good, and five percent excellent. Calving and lambing are ongoing with no major problems reported.

IOWA PRELIMINARY WEATHER SUMMARY

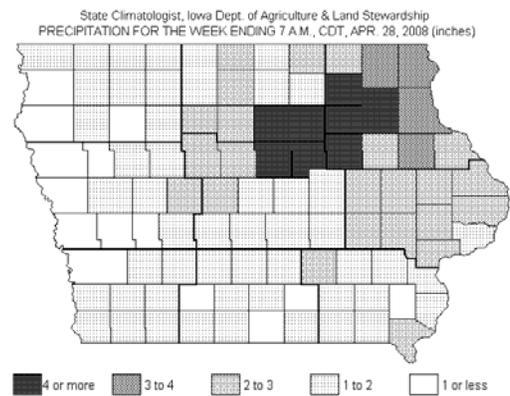
Provided by State Climatologist Harry Hillaker

A major spring storm system dumped heavy rainfall over much of Iowa from Wednesday (23rd) night into Friday (25th) afternoon. Heaviest rain fell on Thursday night in northeast Iowa where amounts of three to six inches were common across a large area from Iowa Falls to Guttenberg. Light to moderate rain also fell late Monday (21st) into Tuesday (22nd) morning over the southeast two-thirds of the state. Finally, light rain fell over southern Iowa Saturday (26th) night and again over eastern Iowa on Sunday (27th) night. Snow also occurred over much of northwest Iowa on Friday and across the northeast on Sunday night, but with little accumulation. The statewide average precipitation was 1.91 inches while normal for the week is 0.84 inches. This pushes the April total to a preliminary 5.83 inches, the second highest April statewide average total among 136 years of state records (behind 6.25 inches in 1999). Rain totals this past week varied from 0.39 inches at Le Mars to 6.03 inches at Fayette. Meanwhile the first one-half of the week was unusually mild with temperatures 5 to 10 degrees above normal from Monday (21st) through Thursday (24th). A strong cold front entered western Iowa late Thursday and pushed through all of the state by Friday afternoon. Temperatures were then well below normal over the weekend. Temperatures for the week as a whole averaged 2.0 degrees above normal. Extremes varied from highs of 80 degrees at Keosauqua on Monday (21st) and Tuesday (22nd) and at Donnellson on Tuesday and Little Sioux on Wednesday (23rd). On the other extreme Sibley recorded a low of 22 degrees on Monday (28th) morning with a freeze recorded over about the northwest one-half of the state. Severe weather also accompanied the passage of the late week storm system with large hail or high winds reported from 26 counties. Soil temperatures as of Sunday (27th) were averaging in the mid 40's northwest to low 50's southeast.

Statewide Crop Conditions as of April 27, 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	5	16	41	33	5

PRELIMINARY IOWA PRECIPITATION
Provided by Harry Hillaker, State Climatologist



Field Work and Crop Progress as of April 27, 2008

Item	Districts										State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE					
	<i>Percent</i>													
Fertilizer application completed	68	68	57	78	69	60	67	56	61	66	61	79	84	
Oats planted	70	22	10	70	33	16	62	11	22	28	15	69	89	

Days Suitable & Soil Moisture Condition as of April 27, 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	2.5	0.9	0.4	2.7	0.6	0.4	2.3	0.4	0.6	1.3	1.2	2.2	
	<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	1	
Adequate	69	48	17	49	18	17	43	11	14	33	41	59	
Surplus	31	52	83	51	82	83	57	89	86	67	59	40	
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	0	0	0	2	
Adequate	67	58	27	55	27	24	61	29	32	43	53	66	
Surplus	33	42	73	45	73	76	39	71	68	57	47	32	

Weather Summary For
National Agricultural Statistics Service, Iowa Field Office
For the week ending: Sunday, April 27, 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	77	25	51	2	1.31	0.61	3.71	1.18	33	13
Sioux Center	79	28	52	-2	0.59	-0.03	1.90	-0.31	37	4
Spencer	77	27	51	0	1.22	0.52	2.87	0.44	35	10
Spirit Lake	76	28	48	-2	1.70	1.07	2.91	0.70	25	-13
North Central District										
Britt	74	29	51	-1	2.12	1.35	5.09	2.37	33	3
Humboldt	75	31	52	-2	2.30	1.53	5.02	2.29	35	8
Mason City	76	27	53	4	1.75	0.98	6.01	3.35	42	18
Osage	75	29	53	3	2.08	1.24	7.02	4.07	39	3
North East District										
Decorah	76	33	56	4	4.06	3.22	8.64	5.56	53	23
Dubuque	77	35	58	8	2.17	1.26	6.50	3.15	66	38
Elkader	77	34	56	4	4.27	3.45	10.55	7.67	46	3
Fayette	75	32	54	3	5.91	5.07	11.86	8.90	37	10
Waterloo	78	32	56	4	5.32	4.48	11.48	8.51	51	20
West Central District										
Carroll	77	32	52	-1	2.06	1.22	4.98	2.01	34	3
Castana	78	30	50	-5	1.13	0.42	4.29	1.84	24	-7
Guthrie Center	77	31	53	-1	1.72	0.89	4.73	1.79	40	6
Harlan	79	31	53	-2	0.85	0.05	4.94	2.17	40	6
Jefferson	77	33	54	2	3.06	2.22	6.16	3.19	39	8
Logan	79	31	51	-4	1.05	0.27	4.81	2.21	28	-12
Rockwell City	76	31	52	-3	1.68	0.95	4.67	2.16	33	-3
Sac City	77	31	51	-1	0.79	0.07	3.48	0.92	29	1
Sioux City	79	27	50	-5	0.59	-0.02	3.19	1.11	35	-4
Central District										
Boone	76	32	55	3	2.44	1.60	6.63	3.64	47	14
Des Moines	77	33	58	4	2.68	1.86	6.02	2.98	61	19
Grundy Center	76	33	54	4	5.26	4.44	11.75	8.88	40	16
Marshalltown	75	33	56	5	2.81	2.04	7.97	5.11	55	24
Newton	76	34	56	4	2.05	1.21	7.20	4.28	51	15
Perry	77	33	55	3	2.16	1.36	5.58	2.77	46	15
Toledo	76	34	56	5	1.69	0.85	6.58	3.67	46	18
East Central District										
Cedar Rapids	77	35	58	6	2.79	2.02	6.99	4.12	63	30
Davenport	77	37	60	7	1.84	1.06	4.99	2.06	75	37
Iowa City	77	37	60	5	1.85	0.94	6.93	3.61	71	26
Lowden	78	36	57	6	2.70	1.79	7.69	4.31	57	22
Maquoketa	77	35	57	6	2.29	1.52	7.33	4.44	58	29
Muscatine	77	37	59	5	2.13	1.29	6.06	2.91	68	41
South West District										
Atlantic	77	33	55	2	1.63	0.86	5.08	2.38	44	11
Clarinda	76	31	55	1	0.93	0.06	3.01	-0.02	46	9
Glenwood	79	31	54	-2	0.92	0.12	5.57	2.95	46	3
Red Oak	78	32	56	0	1.57	0.69	4.23	1.11	53	6
Sidney	78	31	55	-1	1.16	0.35	4.59	1.76	51	7
South Central District										
Allerton	76	31	56	3	1.43	0.59	6.74	3.75	50	31
Beaconsfield	77	31	55	2	1.19	0.36	4.76	1.81	46	12
Chariton	75	33	56	3	1.34	0.45	5.67	2.47	47	13
Indianola	77	33	57	3	2.03	1.12	5.18	1.96	52	14
Leon	79	33	57	4	1.03	0.12	4.70	1.53	52	17
South East District										
Bloomfield	79	35	60	5	1.79	0.92	6.33	3.18	74	27
Burlington	79	38	64	9	1.77	0.93	5.12	1.98	97	53
Ottumwa	77	34	60	5	1.14	0.30	6.69	3.74	72	29
Washington	79	36	59	4	2.43	1.63	7.07	4.19	70	39

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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