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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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For the week ending April 7, 2013

The first week of April saw warmer temperatures begin to make field work possible for some farmers. For the week ending April 7, 2013, there was an average of 2.5 days suitable for fieldwork across the state, mostly later in the week as temperatures warmed. In northern Iowa, frost was still leaving the ground. Fieldwork was more prevalent in southern Iowa, where farmers tilled, applied fertilizer and seeded oats. Farmers across the state were also busy preparing machinery for the upcoming planting season.

With limited precipitation during the week, soil moisture continued to be a concern. Topsoil moisture levels rated 16 percent very short, 40 percent short, 42 percent adequate and 2 percent surplus. Subsoil moisture levels rated 43 percent very short, 42 percent short and 15 percent adequate.

Oat planting was 11 percent complete, well behind last year's 73 percent and the five-year average of 31 percent.

Pasture and range condition rated 31 percent very poor, 35 percent poor, 28 percent fair and 6 percent good. It was reported that livestock conditions were good. Due to the dry conditions there has been less mud than is typical for early spring.

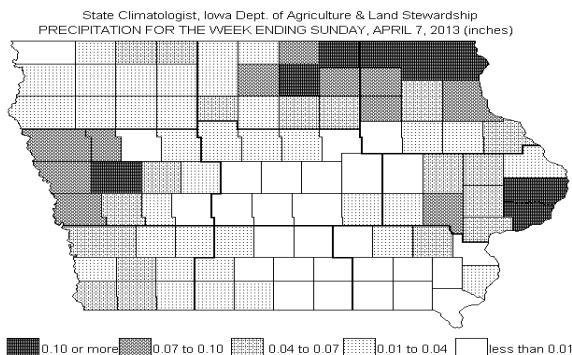
especially across southeast Iowa, on Sunday (7th) night but this will be included in next week's report. Weekly rain totals varied from none over much of central and south central Iowa to 0.28 inches at the Clinton Airport. The statewide average precipitation was only 0.04 inches while normal for the week is 0.65 inches. This was Iowa's driest week since mid-January (12 weeks). Temperatures were well below normal on Monday (1st) and Tuesday (2nd) but slowly climbed above normal by Saturday (6th). Overnight low temperatures were in the teens in some areas on Monday, Tuesday and Wednesday morning with Little Sioux the cold spot at 11 degrees on Monday morning. By the weekend afternoon high temperatures were in the mid to upper 50's north to low to mid 70's south. Highest temperatures were reported on Sunday (7th) afternoon with 76 degrees at Glenwood, Red Oak and Sidney. Temperatures for the week as a whole averaged just below normal over the far west to about five degrees below normal across the east. The statewide average temperature was 3.7 degrees below normal. Soil temperatures at the four inch depth averaged in the low 40's north to low 50's south as of Sunday (7th). While the topsoil was thawed, a layer of frozen soil still persisted across parts of northern Iowa at the end of the week from about five to twelve inches below the surface.

IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist Iowa Department of Agriculture & Land Stewardship

Dry and mostly cool weather prevailed across Iowa over the past reporting week. Light snow fell across about the southwest one-third of the state on Sunday night (31st) with some accumulations of an inch or two in west central areas. Otherwise dry weather prevailed until Saturday (6th) when showers and thunderstorms brought scattered light rain to the northeast one-half of Iowa. Much more substantial rain fell,

Crop Conditions as of April 7, 2013

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Pasture & Range	31	35	28	6	0



Field Work and Crop Progress as of April 7, 2013

Item	Districts										State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE					
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Oats planted	2	2	3	10	10	13	10	22	24	11	0	73	31	

Days Suitable & Soil Moisture Condition as of April 7, 2013

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)	(Days)	(Days)	(Days)
Days suitable	1.8	1.0	1.3	2.2	2.4	3.4	4.2	5.0	4.6	2.5	0.4	6.0	
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	
Topsoil moisture													
Very short	28	10	19	19	8	3	26	18	14	16	14	12	
Short	47	49	44	51	32	41	37	34	23	40	38	31	
Adequate	24	40	35	27	59	52	37	48	58	42	46	55	
Surplus	1	1	2	3	1	4	0	0	5	2	2	2	
Subsoil moisture													
Very short	49	53	37	59	36	32	53	31	21	43	41	18	
Short	47	41	47	34	44	50	30	49	43	42	44	33	
Adequate	4	6	15	6	19	18	17	20	36	15	15	47	
Surplus	0	0	1	1	1	0	0	0	0	0	0	2	

Weather Summary For National Agricultural Statistics Service, Iowa Field Office.
For the week ending: 7:00 am Sunday, April 7, 2013, Prepared by AWIS, Inc.

Station	Current Week						Since April 1			
	Temperature				Precipitation		Precipitation		GDD Base 50F	
	High	Low	Avg.	DFN	Total	DFN	Total	DFN	Total	DFN
North West District										
Estherville	59	19	38	-3	0.06	-0.53	0.06	-0.53	0	+0
Sioux Center	65	18	42	-3	0.00	-0.54	0.00	-0.54	1	+1
Spencer	58	19	39	-4	0.02	-0.54	0.02	-0.54	1	+1
Spirit Lake	58	16	38	-2	0.00	-0.53	0.00	-0.53	1	+1
North Central District										
Britt	58	18	35	-9	0.10	-0.51	0.10	-0.51	0	+0
Dakota City	61	20	37	-7	0.05	-0.58	0.03	-0.60	0	+0
Mason City	61	18	37	-5	0.11	-0.50	0.11	-0.50	0	+0
Osage	60	19	34	-8	0.11	-0.57	0.11	-0.57	0	+0
North East District										
Decorah	60	17	38	-6	0.13	-0.57	0.13	-0.57	0	+0
Dubuque	63	18	38	-6	0.12	-0.70	0.12	-0.70	0	+0
Elkader	60	15	34	-10	0.03	-0.63	0.03	-0.63	0	+0
Fayette	59	19	36	-7	0.04	-0.63	0.04	-0.63	0	+0
Waterloo	62	16	38	-6	0.00	-0.69	0.00	-0.69	0	+0
West Central District										
Carroll	62	18	38	-6	0.05	-0.64	0.05	-0.64	0	+0
Castana	67	17	40	-6	0.04	-0.52	0.04	-0.52	1	-5
Guthrie Center	67	15	39	-6	0.00	-0.70	0.00	-0.70	0	+0
Harlan	66	16	40	-7	0.05	-0.58	0.05	-0.58	1	+1
Jefferson	65	20	38	-6	0.00	-0.69	0.00	-0.69	0	+0
Logan	69	17	41	-5	0.05	-0.53	0.05	-0.53	2	+0
Rockwell City	60	19	38	-7	0.00	-0.56	0.00	-0.56	0	+0
Sac City	61	18	37	-6	0.00	-0.63	0.00	-0.63	0	+0
Sioux City	70	17	44	-2	0.04	-0.45	0.04	-0.45	11	+11
Central District										
Boone	64	17	39	-6	0.00	-0.70	0.00	-0.70	0	+0
Des Moines	71	22	45	-2	0.00	-0.73	0.00	-0.73	14	+8
Grundy Center	62	21	37	-5	0.00	-0.66	0.00	-0.66	0	+0
Marshalltown	64	20	39	-5	0.00	-0.70	0.00	-0.70	2	+2
Newton	68	22	40	-6	0.00	-0.67	0.00	-0.67	1	+1
Perry	66	18	39	-5	0.00	-0.64	0.00	-0.64	0	+0
Toledo	65	19	37	-6	0.00	-0.67	0.00	-0.67	0	+0
East Central District										
Cedar Rapids	69	19	40	-5	0.09	-0.61	0.09	-0.61	1	+1
Davenport	70	17	40	-6	0.18	-0.53	0.18	-0.53	3	-3
Iowa City	68	19	41	-7	0.07	-0.71	0.07	-0.71	1	-12
Lowden	69	16	38	-7	0.05	-0.75	0.05	-0.75	0	+0
Maquoketa	68	20	38	-7	0.05	-0.65	0.05	-0.65	2	+2
Muscatine	69	22	41	-7	0.06	-0.71	0.06	-0.71	3	-7
South West District										
Atlantic	68	13	38	-7	0.03	-0.60	0.03	-0.60	0	+0
Clarinda	68	15	40	-6	0.06	-0.64	0.06	-0.64	2	+2
Glenwood	70	19	42	-5	0.01	-0.56	0.01	-0.56	6	-2
Red Oak	71	18	43	-6	0.05	-0.67	0.05	-0.67	7	+5
Sidney	70	23	44	-4	0.01	-0.65	0.01	-0.65	9	+1
South Central District										
Allerton	69	21	41	-5	0.00	-0.70	0.00	-0.70	4	+2
Beaconsfield	70	20	41	-5	0.02	-0.68	0.02	-0.68	5	+5
Chariton	70	13	39	-8	0.00	-0.75	0.00	-0.75	1	+1
Indianola	70	15	41	-6	0.00	-0.74	0.00	-0.74	2	+2
Leon	70	19	42	-4	0.00	-0.72	0.00	-0.72	4	+4
South East District										
Bloomfield	68	21	41	-8	0.00	-0.76	0.00	-0.76	3	-1
Burlington	71	23	44	-4	0.02	-0.75	0.02	-0.75	9	-8
Ottumwa	68	16	42	-5	0.00	-0.70	0.00	-0.70	7	-4
Washington	67	17	39	-9	0.04	-0.66	0.04	-0.66	0	-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 2013: AWIS, Inc. All Rights Reserved.