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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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For the week ending April 21, 2013

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Wet conditions in Iowa during the week ending April 21, 2013 continued to limit fieldwork according to the USDA, National Agricultural Statistics Service. Snow was received in northern Iowa, while precipitation was mostly rain in southern Iowa. The additional moisture did help to improve both top and subsoil moisture levels. Statewide there was an average of 0.3 days suitable for fieldwork during the week.

Topsoil moisture levels rated 3 percent very short, 6 percent short, 60 percent adequate and 31 percent surplus. Subsoil moisture levels rated 14 percent very short, 32 percent short and 48 percent adequate and 6 percent surplus.

Oat planting was 22 percent complete, far behind last year's 93 percent and the five-year average of 68 percent.

Pasture and range condition rated 18 percent very poor, 27 percent poor, 38 percent fair and 15 percent good and 2 percent excellent. Spring calving losses were higher than normal due to the wet and cool weather.

IOWA PRELIMINARY WEATHER SUMMARY
Provided by Allan Curtis, Assistant Climatologist
Midwestern Regional Climate Center

The past week varied greatly across the state for both temperature and precipitation. Precipitation was widespread early in the week, predominantly on Wednesday (17th) and Thursday (18th), with areas in south-central, southeast, and east-central Iowa receiving widespread totals of 4-5 inches or more of rain. The greatest rainfall totals during

the week came from Pella with 8.71 inches, and the greatest 1-day total was 6.76 inches in Centerville on Wednesday (17th). While rain fell early in the week for most of Iowa, snow fell in northwest Iowa late Wednesday (17th) through Thursday (18th). The resulting snowfall totals were in the neighborhood of 4-6 inches in northwest Iowa including 8 inches reported over two days, Wednesday (17th) and Thursday (18th), in Sibley. The statewide precipitation for the week was one of the wetter ones in recent history with 2.79 inches, nearly tripling the normal of 0.96 inches.

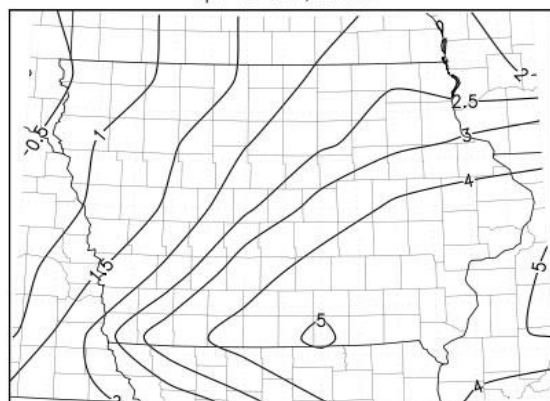
Temperatures across the state were well below normal with the western half of Iowa taking the brunt of the unseasonably cold temperatures to the tune of 12 to 15 degrees below normal for the week. Statewide, the average temperature was 39.3 degrees, 12.1 degrees below normal. Southeast Iowa was the closest to normal at -8.7 degrees below normal. The worst of the cold came mid-week when large areas of western Iowa saw temperatures as much as 20 degrees below normal. All of the warmest temperatures during the week occurred on Monday (15th) or over the weekend, Saturday (20th) and Sunday (21st), when temperatures were in the mid-70s. The highest temperature was 77 degrees at Mt. Pleasant on Monday (15th) and the lowest temperature was 11 degrees at Sibley on Saturday (20th).

Four inch soil temperatures during week averaged in the upper 30's in the northwest to the upper 40's in the southeast as of Sunday (21st). One day soil temperatures, as of Sunday (21st), showed temperatures recovering from the mid-week chill with low 40's in the northwest ranging to low 50's in the southeast.

Crop Conditions as of April 21, 2013

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Pasture & Range	18	27	38	15	2

Accumulated Precipitation (in)
Apr 15-21, 2013



Regional Climatologist, Midwestern Regional Climate Center

Field Work and Crop Progress as of April 21, 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	10	4	5	22	15	20	36	39	46	22	20	93	68	

Days Suitable & Soil Moisture Condition as of April 21, 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	0.4	0.1	0.2	0.1	0.2	0.1	0.6	0.2	0.4	0.3	0.8	1.8	
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	
Topsoil moisture													
Very short	6	2	0	1	0	0	12	6	0	3	7	2	
Short	15	2	10	8	2	0	7	2	1	6	19	10	
Adequate	70	84	74	67	57	41	61	29	43	60	65	72	
Surplus	9	12	16	24	41	59	20	63	56	31	9	16	
Subsoil moisture													
Very short	27	11	12	29	3	3	23	12	2	14	27	10	
Short	38	49	38	36	26	14	37	26	12	32	42	24	
Adequate	32	39	48	32	61	71	35	53	69	48	29	59	
Surplus	3	1	2	3	10	12	5	9	17	6	2	7	

Weather Summary For National Agricultural Statistics Service, Iowa Field Office.
For the week ending: 7:00 am Sunday, April 21, 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	54	21	36	-11	0.84	0.15	3.72	1.81	0	-4
Sioux Center	58	20	36	-14	0.68	0.12	2.82	1.16	1	-44
Spencer	57	17	36	-13	1.39	0.75	4.09	2.28	2	-13
Spirit Lake	57	19	34	-13	0.85	0.29	2.69	1.04	0	-15
North Central District										
Britt	54	23	35	-15	1.53	0.80	6.71	4.68	2	-4
Dakota City	59	23	37	-14	1.89	1.17	5.78	3.73	5	-20
Mason City	53	24	37	-11	2.56	1.86	6.55	4.58	1	-13
Osage	50	25	36	-13	2.26	1.49	6.52	4.32	0	-11
North East District										
Decorah	54	23	39	-11	2.23	1.39	6.31	3.98	1	-21
Dubuque	70	27	44	-6	3.59	2.70	8.50	5.95	13	-9
Elkader	66	24	39	-11	2.99	2.22	6.68	4.53	4	-19
Fayette	60	27	39	-11	2.87	2.07	6.67	4.46	4	-4
Waterloo	63	26	41	-9	2.68	1.90	5.59	3.37	14	-9
West Central District										
Carroll	66	23	37	-13	1.55	0.76	4.67	2.45	9	-13
Castana	64	23	38	-14	1.00	0.36	4.72	2.90	10	-49
Guthrie Center	69	22	38	-14	2.60	1.83	6.33	4.12	16	-20
Harlan	66	21	38	-15	1.61	0.87	3.94	1.88	14	-11
Jefferson	67	24	39	-12	2.22	1.43	5.45	3.23	10	-17
Logan	66	21	39	-14	1.05	0.36	2.74	0.84	14	-32
Rockwell City	64	22	38	-14	1.73	1.06	5.46	3.60	8	-11
Sac City	62	22	36	-13	1.20	0.53	4.20	2.27	6	-8
Sioux City	61	22	38	-14	1.13	0.57	4.13	2.59	20	-20
Central District										
Boone	67	23	38	-12	2.40	1.60	5.07	2.82	9	-24
Des Moines	70	26	44	-9	4.06	3.24	6.28	3.96	50	-4
Grundy Center	62	26	39	-9	2.55	1.78	6.11	3.97	10	-3
Marshalltown	65	25	41	-9	3.01	2.24	5.50	3.31	19	-4
Newton	69	27	41	-11	3.81	3.04	5.67	3.50	16	-23
Perry	69	23	41	-9	2.60	1.84	5.20	3.10	17	-8
Toledo	67	24	39	-11	3.50	2.73	6.01	3.85	12	-7
East Central District										
Cedar Rapids	74	27	45	-6	4.70	3.93	8.51	6.31	25	-8
Davenport	74	29	47	-6	3.59	2.82	6.35	4.10	35	-19
Iowa City	76	24	46	-7	5.24	4.34	8.30	5.78	37	-34
Lowden	76	27	44	-7	6.26	5.35	9.70	7.12	16	-8
Maquoketa	72	26	43	-7	4.34	3.57	7.45	5.23	14	-7
Muscatine	75	29	46	-7	4.75	3.91	8.12	5.70	32	-32
South West District										
Atlantic	69	18	38	-13	1.83	1.13	3.57	1.55	14	-28
Clarinda	67	24	40	-12	3.11	2.30	4.36	2.10	26	-16
Glenwood	69	22	39	-14	1.67	0.97	2.48	0.58	24	-37
Red Oak	71	23	40	-15	2.29	1.45	3.47	1.13	32	-13
Sidney	70	27	40	-13	2.41	1.66	3.31	1.20	36	-24
South Central District										
Allerton	71	25	41	-11	5.22	4.43	7.89	5.64	37	-9
Beaconsfield	67	24	40	-12	5.36	4.59	9.62	7.40	30	-4
Chariton	72	25	41	-11	4.69	3.85	6.40	3.99	24	-4
Indianola	70	23	40	-12	3.65	2.79	6.44	4.03	24	-8
Lamoni	69	25	44	-10	4.59	3.74	6.73	4.33	56	12
South East District										
Bloomfield	76	28	45	-10	5.12	4.28	7.50	5.12	41	-7
Burlington	77	30	49	-5	3.40	2.56	4.60	2.19	67	-11
Ottumwa	77	27	45	-8	6.32	5.55	8.45	6.24	53	-13
Washington	76	28	45	-9	4.72	3.95	7.69	5.51	35	-26

⁰ 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.