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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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For the week ending July 14, 2013

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Dry weather continued across most of Iowa during the week ending July 14, 2013, according to the USDA, National Agricultural Statistics Service. The only significant precipitation was received in the north central and northeast portions of the state. The dry weather was good for putting up hay and applying herbicides, but crops are beginning to need additional moisture. Statewide there was an average of 6.5 days suitable for fieldwork, the most this crop year. Northeast Iowa had only 5.8 days suitable for fieldwork, while in South Central Iowa the entire week was suitable for fieldwork.

The warm and dry weather led to a decline in soil moisture levels. Statewide, 65 percent of topsoil is in the adequate and surplus categories, a 23 percentage point decline from last week and 84 percent of subsoil is in the adequate and surplus categories, down 12 percentage points from last week. Topsoil moisture levels rated 5 percent very short, 30 percent short, 61 percent adequate and 4 percent surplus. Subsoil moisture levels rated 1 percent very short, 15 percent short, 78 percent adequate and 6 percent surplus.

Five percent of the corn crop had tasseled, well behind last year's 83 percent and the five-year average of 42 percent. Scattered reports of the corn crop beginning to silk were received. Corn condition was rated 4 percent very poor, 9 percent poor, 30 percent fair, 45 percent good and 12 percent excellent. Thirteen percent of the soybean crop is blooming, lagging behind last year's 71 percent and two weeks behind normal. Soybean condition was rated 3 percent very poor, 9 percent poor, 30 percent fair, 46 percent good and 12 percent excellent. Forty-five percent of the oat crop has turned color, behind last year's 97 percent and the five-year average of 74 percent. Oat harvest has begun across most of the State.

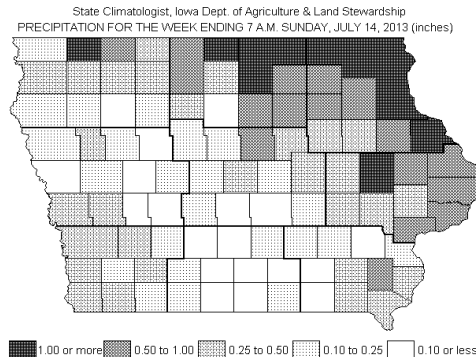
The 2nd cutting of alfalfa is 27 percent complete, behind the five-year average of 52 percent. Hay condition was rated at 1 percent very poor, 5 percent poor, 28 percent fair, 52 percent good and 14 percent

excellent. Pasture conditions have begun to deteriorate as continued warm and dry conditions have limited the growth of grasses. Pasture and range conditions rated 2 percent very poor, 8 percent poor, 30 percent fair, 48 percent good and 12 percent excellent.

IOWA PRELIMINARY WEATHER SUMMARY

Provided by Harry Hillaker, State Climatologist
Iowa Department of Agriculture & Land Stewardship

Dry weather became more of a concern over much of Iowa this past reporting week. Light rain fell Sunday (7th) night into Monday (8th) morning over the northeast and southeast corners of the state although there were a few local totals of more than an inch in the northeast. The most widespread rain came on Tuesday (9th) morning when nearly all of Iowa received some measurable rain but significant totals were again restricted to a few areas in the northeast. Dry weather then prevailed until Saturday (13th) when rain fell over much of northern Iowa and a small portion of the southwest. Very heavy rain fell over portions of north central Iowa where Lake Mills recorded 4.75 inches. Rain totals for the week ranged from only sprinkles at Chariton and Ottumwa to 5.45 inches at Lake Mills. The statewide average precipitation was 0.47 inches while normal for the week is 1.05 inches. Meanwhile, the reporting week began with very warm and humid conditions prevailing from Sunday (7th) through Tuesday (9th) with highs climbing into the 90's over portions of the state. Cooler and drier air dominated the state from Wednesday through Saturday with temperatures edging back above normal on Sunday (14th). Temperature extremes for the week ranged from afternoon highs of 95 degrees at Hampton, Clarion and Pocahontas on Monday (8th) to a Thursday (11th) morning low of 52 degrees at Chariton. Temperatures for the week as a whole averaged about one degree cooler than usual over the southeast and two to four degrees above normal in the far northwest. The statewide average temperature for the week was 0.9 degrees above normal.



Crop Conditions as of July 14, 2013

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn	4	9	30	45	12
Soybeans	3	9	30	46	12
Oats	0	5	29	54	12
Hay, all	1	5	28	52	14
Pasture & Range	2	8	30	48	12

Field Work and Crop Progress as of July 14, 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)					
Corn tasseled	1	0	2	5	6	10	10	5	9	5	0	83	42	
Soybeans bloomed	13	13	9	12	11	18	14	21	14	13	4	71	52	
Oats headed	100	98	97	98	97	98	99	97	97	98	94	100	98	
Oats turned color	41	26	24	35	58	42	57	66	63	45	23	97	74	
Hay, alfalfa - 2nd cutting	30	22	34	36	26	35	18	16	23	27	8	94	52	

Days Suitable & Soil Moisture Condition as of July 14, 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 suitable	6.5	6.4	5.8	6.6	6.7	6.3	6.8	7.0	6.9	6.5	6.2	6.7	
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	
Topsoil moisture													
Very short	1	2	1	7	4	3	11	16	8	5	1	56	
Short	40	14	13	42	40	20	33	41	28	30	11	35	
Adequate	56	76	74	50	53	75	54	42	59	61	76	9	
Surplus	3	8	12	1	3	2	2	1	5	4	12	0	
Subsoil moisture													
Very short	1	1	0	4	0	0	3	0	1	1	0	47	
Short	11	4	3	22	16	11	28	30	16	15	4	41	
Adequate	85	84	76	72	79	83	66	69	81	78	80	12	
Surplus	3	11	21	2	5	6	3	1	2	6	16	0	

Weather Summary For National Agricultural Statistics Service, Iowa Field Office. For the week ending: 7:00 am Sunday, July 14, 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	89	55	75	3	0.10	-0.67	12.99	1.18	1,209	53
Sioux Center	92	58	77	4	0.31	-0.51	19.37	7.32	1,358	-86
Spencer	93	57	77	5	0.46	-0.49	17.22	5.21	1,265	19
Spirit Lake	92	62	77	5	0.56	-0.30	11.26	-0.40	1,241	20
North Central District										
Britt	90	58	74	2	0.72	-0.31	20.45	7.33	1,167	-41
Dakota City	94	58	76	3	0.36	-0.62	20.81	7.42	1,265	-60
Mason City	91	54	74	2	1.57	0.59	22.82	9.26	1,216	-1
Osage	90	58	74	2	0.90	-0.08	29.43	15.93	1,135	-16
North East District										
Decorah	90	55	74	2	1.37	0.46	29.91	16.54	1,263	25
Dubuque	88	56	73	1	1.13	0.23	21.37	7.45	1,230	16
Elkader	90	53	71	-2	1.17	0.25	27.43	14.57	1,079	-109
Fayette	91	56	74	2	0.66	-0.36	25.43	11.72	1,172	78
Waterloo	94	56	75	3	0.28	-0.84	23.23	9.14	1,335	19
West Central District										
Carroll	94	58	77	4	0.07	-0.95	18.17	3.54	1,297	-27
Castana	92	58	76	3	0.04	-0.71	16.97	4.00	1,263	-220
Guthrie Center	92	55	76	3	0.10	-0.74	23.73	9.65	1,316	-51
Harlan	91	57	76	2	0.45	-0.43	21.87	8.20	1,282	-30
Jefferson	92	59	76	2	0.12	-0.90	21.56	6.93	1,298	-39
Logan	93	59	78	2	0.53	-0.30	14.38	0.92	1,373	-62
Rockwell City	90	60	75	2	0.00	-1.01	21.32	7.90	1,255	-51
Sac City	90	57	75	2	0.10	-0.76	17.58	4.15	1,193	-32
Sioux City	93	59	78	3	0.11	-0.66	13.47	2.20	1,387	-13
Central District										
Boone	91	58	75	2	0.30	-0.58	20.19	5.30	1,269	-58
Des Moines	93	63	79	3	0.06	-0.78	17.14	3.92	1,618	132
Grundy Center	90	60	75	3	0.19	-0.86	23.97	10.03	1,258	26
Marshalltown	92	57	75	2	0.20	-0.78	26.60	12.64	1,367	46
Newton	93	60	75	1	0.03	-0.83	21.19	7.42	1,330	-132
Perry	94	58	77	4	1.10	0.24	20.59	6.64	1,342	14
Toledo	91	57	73	0	0.22	-0.76	25.64	11.43	1,229	-4
East Central District										
Cedar Rapids	87	59	74	-1	1.11	0.17	23.32	9.94	1,383	-2
Davenport	89	54	74	-2	0.49	-0.40	20.01	6.92	1,459	-67
Iowa City	90	58	76	-1	0.30	-0.82	21.48	6.97	1,477	-138
Lowden	90	53	74	1	0.14	-0.88	28.44	13.68	1,351	52
Maquoketa	89	53	72	-1	0.72	-0.10	17.56	4.21	1,238	-26
Muscatine	89	58	75	-2	0.69	-0.35	21.96	8.09	1,440	-108
South West District										
Atlantic	92	54	76	3	0.03	-0.86	16.83	3.99	1,311	-90
Clarinda	93	56	77	1	0.59	-0.53	17.95	3.08	1,404	13
Glenwood	93	60	77	1	0.26	-0.62	17.21	3.03	1,379	-148
Red Oak	92	58	78	2	0.21	-0.80	19.22	4.02	1,443	-17
Sidney	92	63	79	2	0.41	-0.70	15.56	1.79	1,472	-79
South Central District										
Allerton	92	59	75	0	0.05	-1.00	23.45	9.57	1,311	-81
Beaconsfield	89	60	75	0	0.06	-0.92	19.77	6.13	1,283	-63
Chariton	91	52	75	0	0.00	-1.05	19.90	5.35	1,271	-24
Indianola	92	55	76	2	0.05	-0.86	18.16	3.98	1,389	88
Lamoni	94	59	77	1	0.04	-0.94	17.75	3.82	1,478	35
South East District										
Bloomfield	93	60	77	2	0.01	-1.04	19.62	5.73	1,487	46
Burlington	90	59	77	2	0.15	-0.83	19.03	5.73	1,586	9
Ottumwa	93	55	75	-2	0.00	-1.04	20.79	7.72	1,453	-122
Washington	90	56	74	-3	0.10	-0.87	19.85	6.76	1,412	-79

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.