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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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For the week ending July 1, 2012

Although Iowa saw precipitation early and again late in the week, the bulk of the week was sunny and hot with record high temperatures experienced in many areas. Additional rain is needed to relieve stress on crops and improve conditions.

There were 6.0 days suitable for fieldwork statewide during the past week. Topsoil moisture levels declined to 28 percent very short, 45 percent short, 27 percent adequate, and 0 percent surplus. South Central Iowa is the driest with 91 percent of the topsoil moisture rated short to very short. Subsoil moisture dropped to 24 percent very short, 49 percent short, 27 percent adequate, and 0 percent surplus.

Crop conditions declined for all crops this week. Sixteen percent of the corn crop is silking, nearly two weeks ahead of normal. Corn condition is reported at 2 percent very poor, 8 percent poor, 28 percent fair, 49 percent good, and 13 percent excellent. Twenty-six percent of the soybean crop is blooming, ahead of last year's 10 percent and the five-year average of 15 percent. Soybean condition is rated 3 percent very poor, 9 percent poor, 29 percent fair, 49 percent good, and 10 percent excellent. Sixty-eight percent of the oat crop has turned color, well ahead of last year's 15 percent and the five-year average of 24 percent. Twenty percent of the oat crop has been harvested, two weeks ahead of normal. Oat condition is rated 2 percent very poor, 13 percent poor, 32 percent fair, 47 percent good, and 6 percent excellent. The second cutting of alfalfa hay, at 76 percent complete, is almost three weeks ahead of normal. Hay condition is rated 5 percent very poor, 13 percent poor, 39 percent fair, 38 percent good, and 5 percent excellent.

Just over one quarter of Iowa's pasture and range land is rated in good to excellent condition, the lowest since the week ending August 13, 2006. Pasture and range condition rated 9 percent very poor, 25 percent poor, 39 percent fair, 24 percent good, and 3 percent

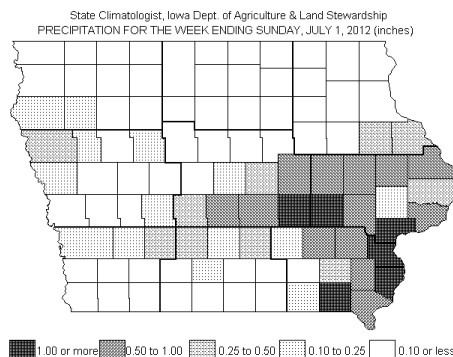
excellent. Hot and humid conditions during the week were uncomfortable for livestock.

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

The past reporting week began with dry weather on Monday (25th) and Tuesday (26th) but with a welcome break from the heat as daytime highs were mostly in the 80s. Much warmer weather made a rapid return on Wednesday (27th) and continued through the rest of the period. High temperatures were mostly in the 90s on Wednesday, Thursday and Sunday with 80s north and 90s south on Friday and Saturday. Dry weather continued through Wednesday and Thursday with thunderstorms bringing rainfall to west central, central and east central Iowa on Friday. Friday's rain was very welcome but was accompanied by hail and widespread severe winds from about Des Moines east-northeastward to Anamosa. Finally, a few scattered thunderstorms brought locally heavy rain to parts of southeast Iowa on Saturday night into Sunday morning. Rain totals for the week varied from none over most of the northern one-third of the state, as well as portions of far southern Iowa, to 4.17 inches at Oakville in Louisa County. The statewide average rainfall was 0.25 inches while normal for the week is 1.15 inches. Temperatures varied from a Tuesday morning low of 43 degrees at Belle Plaine to a Thursday afternoon high of 104 degrees at Keokuk. Triple digit heat was also reported in a few areas on Wednesday (101 at Des Moines, Little Sioux and Sioux Center) and Friday (102 at Keokuk and Keosauqua). Temperatures for the week as a whole averaged from 1 to 2 degrees above normal in the far east to 6 to 7 degrees above normal over the southwest with a statewide average of 4.3 degrees above normal.

Crop Conditions as of July 1, 2012

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn	2	8	28	49	13
Soybeans	3	9	29	49	10
Oats	2	13	32	47	6
Hay, all	5	13	39	38	5
Pasture & Range	9	25	39	24	3



Field Work and Crop Progress as of July 1, 2012

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)
Corn silked	11	7	17	21	15	10	28	23	29	16	2	0	0
Soybeans bloomed	30	21	17	29	36	16	20	24	31	26	8	10	15
Oats turned color	69	50	71	57	71	69	64	73	70	68	35	15	24
Oats harvested for grain	14	14	17	16	10	25	17	25	39	20	6	0	0
Hay, alfalfa - 2nd cutting	86	61	85	81	85	80	77	61	74	76	54	14	13

Days Suitable & Soil Moisture Condition as of July 1, 2012

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 suitable	6.0	6.6	6.5	6.6	6.5	6.1	6.6	6.9	6.3	6.0	5.4	4.2
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Topsoil moisture												
Very short	25	23	31	15	37	28	32	38	28	28	14	0
Short	36	52	51	42	48	50	33	53	42	45	40	4
Adequate	39	25	18	43	15	21	35	9	28	27	45	76
Surplus	0	0	0	0	0	1	0	0	2	0	1	20
Subsoil moisture												
Very short	11	29	20	21	29	27	22	36	24	24	16	0
Short	46	46	52	45	52	54	42	54	48	49	44	2
Adequate	43	25	28	34	19	19	36	10	27	27	39	74
Surplus	0	0	0	0	0	0	0	0	1	0	1	24

Weather Summary For National Agricultural Statistics Service, Iowa Field Office. For the week ending: 7:00 am Sunday, July 1, 2012, 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	95	57	75	5	0.00	-0.90	12.41	2.05	1,251	351
Sioux Center	101	63	79	7	0.16	-0.82	10.98	0.46	1,459	303
Spencer	98	58	77	7	0.00	-0.91	12.84	2.51	1,329	355
Spirit Lake	94	60	78	8	0.00	-0.98	12.61	2.53	1,244	287
North Central District										
Britt	96	55	75	3	0.04	-1.01	11.38	0.12	1,147	200
Dakota City	97	57	76	4	0.05	-1.00	10.95	-0.62	1,267	218
Mason City	97	52	74	4	0.00	-1.05	9.62	-2.17	1,209	256
Osage	96	54	74	4	0.00	-0.99	12.13	0.40	1,121	223
North East District										
Decorah	95	49	77	6	0.00	-0.98	10.29	-1.41	1,249	277
Dubuque	93	49	74	4	0.53	-0.38	7.11	-5.15	1,154	204
Elkader	95	44	72	1	0.37	-0.54	8.04	-3.16	974	47
Fayette	95	50	73	3	0.03	-0.99	11.34	-0.56	1,115	267
Waterloo	98	50	76	5	0.00	-1.12	9.48	-2.60	1,309	273
West Central District										
Carroll	96	58	76	5	0.00	-1.12	10.44	-2.33	1,313	275
Castana	96	60	77	4	0.04	-0.88	12.85	1.30	1,308	125
Guthrie Center	99	57	78	6	0.14	-0.87	10.81	-1.69	1,368	294
Harlan	95	60	77	4	0.03	-0.95	11.18	-0.87	1,329	301
Jefferson	96	58	76	4	0.00	-1.12	8.25	-4.52	1,325	278
Logan	97	63	79	5	0.05	-0.89	12.21	0.28	1,389	255
Rockwell City	96	57	76	3	0.18	-0.87	11.61	0.03	1,278	252
Sac City	95	56	75	3	0.02	-0.97	12.11	0.28	1,219	268
Sioux City	97	63	80	6	0.39	-0.44	13.18	3.30	1,488	378
Central District										
Boone	98	56	76	4	0.09	-1.01	10.25	-2.97	1,263	222
Des Moines	101	60	82	8	0.27	-0.71	11.21	-0.43	1,643	466
Grundy Center	98	53	76	6	0.02	-1.03	8.85	-3.20	1,257	297
Marshalltown	100	52	78	7	0.06	-1.02	5.82	-6.35	1,398	362
Newton	100	54	76	4	1.32	0.34	8.51	-3.66	1,316	157
Perry	99	57	77	5	0.35	-0.67	10.70	-1.64	1,325	285
Toledo	99	51	75	4	0.43	-0.62	7.68	-4.73	1,180	220
East Central District										
Cedar Rapids	97	48	77	4	0.72	-0.32	6.76	-4.88	1,308	212
Davenport	95	48	76	3	0.67	-0.31	11.24	-0.21	1,359	145
Iowa City	99	49	79	4	0.58	-0.54	9.81	-2.67	1,413	121
Lowden	96	49	75	3	0.90	-0.19	9.09	-3.79	1,230	207
Maquoketa	95	46	73	2	0.61	-0.38	6.39	-5.40	1,101	113
Muscatine	96	50	76	2	1.92	0.87	11.69	-0.28	1,306	69
South West District										
Atlantic	99	61	80	8	0.02	-0.90	10.51	-0.70	1,366	256
Clarinda	96	64	80	6	0.00	-1.12	11.04	-1.81	1,451	353
Glenwood	99	65	80	6	0.00	-1.00	9.56	-3.00	1,410	195
Red Oak	97	64	81	6	0.07	-1.08	16.03	2.71	1,513	357
Sidney	98	63	81	6	0.14	-0.89	9.70	-2.12	1,534	298
South Central District										
Allerton	97	55	79	6	0.00	-1.05	10.25	-1.73	1,323	228
Beaconsfield	95	58	78	6	0.00	-1.05	10.81	-1.01	1,331	280
Chariton	98	56	79	7	0.37	-0.75	11.66	-0.95	1,364	359
Indianola	97	55	78	6	0.18	-0.84	7.91	-4.57	1,352	335
Leon	96	57	78	5	0.02	-0.93	12.20	-0.30	1,302	274
South East District										
Bloomfield	98	54	79	5	0.01	-0.97	9.49	-2.55	1,396	259
Burlington	96	54	79	5	0.31	-0.67	10.06	-1.45	1,490	226
Ottumwa	95	49	79	5	0.01	-0.95	10.32	-0.91	1,421	162
Washington	97	51	78	3	0.75	-0.23	13.69	2.37	1,354	169

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 2012: AWIS, Inc. All Rights Reserved.