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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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For the week ending September 29, 2013

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Mostly dry weather allowed the harvesting of corn and soybeans to both reach 5 percent complete during the week ending September 29, 2013, according to the USDA, National Agricultural Statistics Service. Statewide there were 5.9 days suitable for fieldwork. Other activities for the week included chopping corn silage, harvesting seed corn, and seeding cover crops.

Topsoil moisture levels rated 35 percent very short, 40 percent short, 25 percent adequate and 0 percent surplus. Subsoil moisture levels rated 41 percent very short, 39 percent short, 20 percent adequate and 0 percent surplus. Southeast Iowa remained the driest with over 50 percent of the topsoil moisture rated in the very short category.

Ninety-five percent of the corn crop had reached the dented stage or beyond, 3 percentage points behind normal. Sixty-one percent of corn was mature, behind the normal 76 percent. Only five percent of the corn had been harvested for grain or seed, two weeks behind normal. Moisture content of all corn in the field was estimated at 28 percent while moisture content of corn harvested was estimated at 23 percent. Corn lodging was rated at 71 percent none, 22 percent light, 6 percent moderate and 1 percent heavy. Corn condition was 8 percent very poor, 18 percent poor, 38 percent fair, 32 percent good and 4 percent excellent. Eighty-eight percent of soybeans had turned color, 8 percentage points behind normal. Fifty-one percent of the crop had dropped leaves, 9 days behind normal pace. Five percent of soybeans had been harvested, 16 percentage points behind normal. Soybean lodging was rated at 86 percent none, 12 percent light, 2 percent moderate and 0 percent heavy. Soybean shattering was rated at 86 percent none, 12 percent light, 2 percent moderate and 0 percent heavy. Soybean condition improved slightly to 9 percent very poor,

18 percent poor, 38 percent fair, 31 percent good and 4 percent excellent.

With recent rains, pasture condition has improved and was rated 28 percent very poor, 30 percent poor, 29 percent fair, 12 percent good and 1 percent excellent. Stress on livestock was minimal this week, and some calves were weaned early to take advantage of good prices.

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

It was a warm and relatively dry week across Iowa. Temperatures were above normal through the entire week in most areas with the warmest weather coming on Thursday (26th) and Friday (27th) when highs were mostly in the 80's. A cold front moved across Iowa on Saturday (28th) but not before temperatures climbed to near 80 in the east. Temperature extremes for the week ranged from a Friday afternoon high of 90 degrees at Spencer to a Sunday (29th) morning low of 35 degrees at Emmetsburg. Temperatures for the week as a whole averaged from 2 to 3 degrees above normal over the east to 9 degrees above normal northwest with a statewide average of 5.4 degrees above normal. Much of the week was dry. However, light rain fell over parts of the southwest one-third of the state on Tuesday (24th) morning and over the western one-quarter of Iowa on Friday (27th) morning. Light to moderate rain fell statewide on Saturday (28th) as the cold front advanced across the state. Rain totals for the week varied from 0.05 inches at Mason City and Le Claire to 0.82 inches at Allerton in Wayne County. The statewide average precipitation was 0.28 inches while normal for the week is 0.74 inches.

Crop Conditions as of September 29, 2013

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn	8	18	38	32	4
Soybeans	9	18	38	31	4
Pasture & Range	28	30	29	12	1

Harvesting Conditions as of September 29, 2013

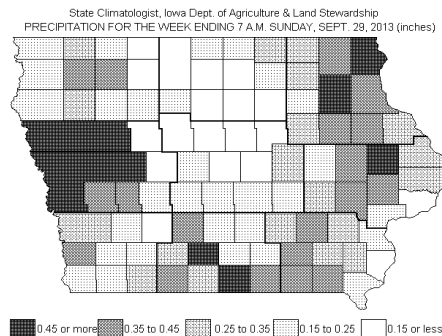
Item	None	Light	Moderate	Heavy
	(Percent)	(Percent)	(Percent)	(Percent)
Corn Lodging	71	22	6	1
Corn Ear Droppage	82	15	3	0
Soybeans Lodging	86	12	2	0
Soybeans Shattering	86	12	2	0

Field Work and Crop Progress as of September 29, 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)
Corn in or past dent stage	97	94	90	97	98	92	96	92	93	95	89	100	98	
Corn mature (safe from frost)	48	46	46	69	74	71	65	72	77	61	35	99	76	
Corn harvested	4	4	4	5	8	8	3	6	9	5	3	53	16	
Soybean leaves turning color	94	82	81	93	92	87	83	84	86	88	69	98	96	
Soybeans dropping leaves	58	35	42	58	56	64	44	44	44	51	22	91	79	

Days Suitable & Soil Moisture Condition as of September 29, 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	6.0	6.2	5.9	5.7	6.0	5.7	5.3	5.7	6.5	5.9	5.6	6.9	
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	
Topsoil moisture													
Very short	34	25	20	43	37	18	39	49	57	35	36	57	
Short	43	45	35	31	46	46	30	42	38	40	41	36	
Adequate	23	30	45	26	17	36	31	9	5	25	23	7	
Surplus	0	0	0	0	0	0	0	0	0	0	0	0	
Subsoil moisture													
Very short	32	23	19	51	40	53	48	66	57	41	41	70	
Short	44	44	41	32	42	38	36	28	40	39	40	26	
Adequate	24	33	40	17	18	9	16	6	3	20	19	4	
Surplus	0	0	0	0	0	0	0	0	0	0	0	0	



Weather Summary For National Agricultural Statistics Service, Iowa Field Office.
For the week ending: 7:00 am Sunday, September 29, 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	88	41	65	10	0.13	-0.55	15.55	-5.02	2,668	249
Sioux Center	87	42	68	9	0.15	-0.48	23.90	3.85	2,970	44
Spencer	90	42	67	10	0.28	-0.39	19.42	-1.99	2,849	244
Spirit Lake	85	46	65	10	0.36	-0.30	14.21	-6.16	2,805	231
North Central District										
Britt	85	44	64	5	0.15	-0.60	24.91	2.54	2,625	147
Dakota City	86	42	65	6	0.16	-0.58	23.63	0.68	2,810	104
Mason City	86	38	63	7	0.05	-0.75	27.62	3.94	2,693	151
Osage	83	42	62	5	0.30	-0.55	34.95	10.60	2,552	114
North East District										
Decorah	82	40	62	4	0.44	-0.36	36.13	12.83	2,768	138
Dubuque	80	41	62	4	0.31	-0.64	28.09	2.72	2,689	124
Elkader	81	39	58	0	0.44	-0.30	32.81	9.82	2,379	-157
Fayette	83	42	62	4	0.42	-0.37	31.04	6.91	2,592	275
Waterloo	84	39	64	6	0.23	-0.54	30.46	6.73	2,909	161
West Central District										
Carroll	87	42	64	6	0.50	-0.26	20.68	-3.45	2,923	109
Castana	87	47	65	6	0.58	-0.19	22.64	0.99	2,828	-247
Guthrie Center	85	39	64	5	0.20	-0.60	28.51	4.62	2,920	47
Harlan	87	43	65	6	0.30	-0.71	26.65	2.93	2,907	151
Jefferson	87	45	65	7	0.13	-0.63	23.12	-1.01	2,851	13
Logan	88	41	65	6	0.55	-0.25	21.71	-0.69	2,992	-4
Rockwell City	86	44	65	6	0.13	-0.68	23.23	-0.05	2,821	70
Sac City	88	44	64	7	0.80	-0.01	20.03	-2.86	2,701	91
Sioux City	89	42	67	8	0.27	-0.35	18.39	-0.37	3,057	162
Central District										
Boone	85	42	65	6	0.19	-0.58	24.51	0.13	2,874	55
Des Moines	87	47	68	8	0.23	-0.52	21.44	-1.45	3,572	453
Grundy Center	84	40	63	6	0.10	-0.64	29.77	6.39	2,760	154
Marshalltown	85	39	65	7	0.14	-0.61	30.60	6.09	2,989	239
Newton	85	41	64	5	0.32	-0.55	23.90	0.32	2,971	-90
Perry	86	42	65	7	0.15	-0.56	25.50	2.38	2,971	201
Toledo	84	40	63	5	0.33	-0.42	29.85	5.12	2,723	121
East Central District										
Cedar Rapids	84	41	64	5	0.39	-0.42	27.29	3.92	3,004	122
Davenport	84	40	64	3	0.16	-0.54	24.12	1.44	3,094	-129
Iowa City	85	43	66	4	0.29	-0.54	25.30	-0.08	3,235	-91
Lowden	85	40	62	4	0.35	-0.53	33.34	7.53	2,862	173
Maquoketa	84	41	62	4	0.35	-0.50	21.26	-2.42	2,675	29
Muscatine	84	44	64	3	0.23	-0.61	25.48	1.60	3,102	-85
South West District										
Atlantic	86	37	65	6	0.14	-0.77	21.27	-1.14	2,872	-27
Clarinda	88	39	66	7	0.13	-0.81	21.80	-4.52	3,043	139
Glenwood	86	42	64	4	0.37	-0.45	23.68	-0.14	3,048	-137
Red Oak	86	43	67	5	0.22	-0.69	24.44	-1.54	3,171	137
Sidney	87	43	66	5	0.31	-0.56	21.03	-3.52	3,206	-10
South Central District										
Allerton	83	43	64	4	0.82	-0.19	27.90	2.88	2,963	25
Beaconsfield	85	48	66	6	0.33	-0.61	23.22	-0.93	2,938	22
Chariton	83	38	64	4	0.12	-0.96	27.32	1.62	2,842	34
Indianola	86	41	65	5	0.20	-0.64	24.41	0.64	3,015	231
Lamoni	84	47	67	6	0.28	-0.68	23.81	-1.49	3,295	240
South East District										
Bloomfield	86	46	66	4	0.43	-0.55	24.75	-0.61	3,251	208
Burlington	84	43	67	6	0.12	-0.79	21.99	-1.46	3,362	96
Ottumwa	85	41	66	4	0.39	-0.52	24.27	0.77	3,168	-72
Washington	86	41	65	2	0.28	-0.60	22.51	-0.39	3,048	-55

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.