



Iowa Crops & Weather

USDA – National Agricultural Statistical Service – Iowa Field Office
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RAINFALL SLOWS HARVEST

Iowa farmers were starting to harvest corn and soybeans when rain and cooler temperatures moved into the state delaying harvest. Corn and soybean crop progress stages continue to fall behind five-year averages as skies remained cloudy for the majority of the week. Although cool, Iowa did not receive any reports of frost. The rainfall was beneficial to cattle producers as pasture and rangeland needed moisture for cool season grass development.

There were 4.3 days suitable for fieldwork during the week, compared to the five-year average of 5.1 days. Topsoil moisture rated 3 percent very short, 20 percent short, 72 percent adequate, and 5 percent surplus across the state. Subsoil moisture rated 4 percent very short, 17 percent short, 75 percent adequate, and 4 percent surplus.

Field Crops Report: Corn reported at or beyond the dent stage reached 95 percent, 3 percentage points ahead of last year, but 5 days behind the five-year average. Corn reported mature or safe from frost reached 47 percent, 5 percentage points ahead of last year, but 9 days behind the five-year average. Corn harvested for grain has begun with 2 percent of the crop reported as harvested, equal to last year, but 4 percentage points behind the five-year average. Moisture content of all field corn is estimated at 32 percent, 4 percentage points higher than the five-year average. Corn lodging is rated 75 percent none, 20 percent light, 4 percent moderate, and 1 percent heavy. Ear droppage is rated 85 percent none, 12 percent light, 2 percent moderate, and 1 percent heavy. Corn condition was rated 3 percent very poor, 6 percent poor, 16 percent fair, 52 percent good, and 23 percent excellent.

Soybean leaves turning color reached 95 percent, 4 percentage points ahead of last year, but 2 percentage points behind the five-year average. Soybeans dropping leaves reached 76 percent, 10 percentage points ahead of last year, but 8 percentage points behind the five-year average. Soybeans harvested reached 6 percent, 1 percentage point behind last year and 14 percentage points behind the five-year average. Soybean lodging is reported 80 percent none, 16 percent light, 3 percent

moderate, and 1 percent heavy. Soybeans shattering is rated 86 percent none, 11 percent light, and 3 percent moderate. Soybean condition was rated 2 percent very poor, 5 percent poor, 19 percent fair, 55 percent good, and 19 percent excellent.

Alfalfa third cutting has reached 93 percent complete, 4 percentage points ahead of last year, but 4 percentage points behind the five-year average.

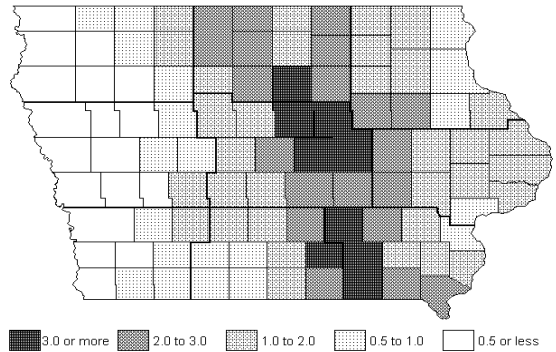
Livestock, Pasture and Range Report: Pasture and range condition rated 2 percent very poor, 12 percent poor, 29 percent fair, 47 percent good, and 10 percent excellent. Cattle on feed recorded average gains as temperatures remained low. Stress levels did increase for cattle on feed as dry lots became muddy due to rain showers last week.

IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist

Iowa experienced another welcome week of warmer than normal weather. Temperatures were above normal each day and averaged 3.0 degrees above normal for the week. Temperature extremes ranged from lows of 41 degrees at Onawa on Tuesday (22nd) morning and at Atlantic and Clarinda on Thursday (24th) morning up to Sunday (27th) afternoon highs of 83 degrees at Des Moines and Osceola. Meanwhile, the dry weather pattern of the past several weeks came to an end over most of the state. Widespread rain fell between Monday (21st) morning and Tuesday (22nd) morning, with one to two inch amounts common from north central into southeast Iowa. Another period of widespread rain occurred from Thursday (24th) evening to Friday (25th) morning with amounts over an inch common over much of the eastern one-half of Iowa. Several locations reported more than four inches of rain for the week including Ottumwa (4.41 inches), Hampton (4.05) and Bloomfield (4.02). However, very little rain fell over west central Iowa where Onawa reported only a trace. The statewide average precipitation was 1.46 inches or double the weekly normal of 0.72 inches.

PRELIMINARY IOWA PRECIPITATION

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
 PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON, SEP. 28, 2009 (inches)



Statewide Crop Conditions as of September 27, 2009

Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	3	6	16	52	23
Soybeans	2	5	19	55	19
Range & Pasture	2	12	29	47	10

Statewide Harvesting Conditions as of September 27, 2009

Item	None	Light	Moderate	Heavy
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn lodging	75	20	4	1
Corn ear droppage	85	12	2	1
Soybeans lodging	80	16	3	1
Soybeans shattering	86	11	3	0

Field Work and Crop Progress as of September 27, 2009

Item	Districts										State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE					
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>					
Corn in or past dent stage	98	99	89	97	99	90	95	91	90	95	89	92	97	
Corn mature (safe from frost)	49	44	32	51	60	43	60	45	30	47	22	42	74	
Corn harvested	1	1	1	2	2	2	3	1	3	2	0	2	6	
Soybean leaves turning color	98	99	94	98	98	92	90	82	92	95	87	91	97	
Soybeans dropping leaves	88	92	65	78	83	71	65	52	53	76	50	66	84	
Soybeans harvested	11	3	1	11	7	2	3	1	2	6	2	7	20	
Hay, alfalfa - third crop harvested	99	99	99	98	99	96	99	73	93	93	90	89	97	

Days Suitable & Soil Moisture Condition as of September 27, 2009

Item	Districts										State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>				
Days suitable	4.2	3.1	4.5	5.6	3.2	3.9	5.8	5.4	3.7	4.3	6.9	5.5	
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	
Topsoil moisture													
Very short	13	1	1	1	0	1	3	5	0	3	10	4	
Short	25	10	19	35	16	6	23	26	12	20	31	12	
Adequate	62	84	79	64	69	90	72	63	69	72	57	79	
Surplus	0	5	1	0	15	3	2	6	19	5	2	5	
Subsoil moisture													
Very short	12	7	1	0	1	2	5	1	0	4	5	5	
Short	32	22	23	16	16	4	19	16	5	17	18	16	
Adequate	55	70	76	84	71	89	74	81	81	75	74	74	
Surplus	1	1	0	0	12	5	2	2	14	4	3	5	

Weather Summary For National Agricultural Statistics Service, Iowa Field Office
For the week ending: Sunday, September 27, 2009, Prepared by AWIS, Inc.

STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
North West District										
Estherville	79	50	63	7	1.68	0.96	16.11	-4.28	90	40
Sioux Center	79	45	61	3	1.38	0.73	17.35	-2.52	82	14
Spencer	82	47	63	6	1.14	0.45	15.59	-5.64	92	35
Spirit Lake	75	49	63	7	0.94	0.26	15.83	-4.36	89	2
North Central District										
Britt	78	51	62	3	3.56	2.77	23.19	1.02	87	16
Humboldt	78	50	62	4	2.03	1.27	22.60	-0.15	89	26
Mason City	78	47	63	6	1.94	1.12	19.42	-4.04	89	32
Osage	74	49	62	4	2.16	1.28	20.80	-3.32	84	9
North East District										
Decorah	77	48	65	6	1.16	0.34	23.58	0.50	102	34
Dubuque	73	47	63	5	1.71	0.72	26.71	1.60	93	30
Elkader	75	45	63	4	0.87	0.11	24.21	1.42	89	0
Fayette	75	49	63	5	2.43	1.62	29.71	5.80	93	28
Waterloo	76	51	64	6	2.09	1.30	25.01	1.50	102	37
West Central District										
Carroll	80	46	62	3	0.60	-0.18	23.03	-0.89	85	18
Castana	79	47	61	-1	0.02	-0.77	21.89	0.46	75	7
Guthrie Center	78	48	62	2	1.34	0.52	21.64	-2.03	85	12
Harlan	81	43	60	0	0.06	-1.00	24.64	1.19	74	6
Jefferson	77	47	63	4	0.97	0.19	21.88	-2.04	91	24
Logan	82	43	60	-2	0.28	-0.54	23.66	1.48	71	-8
Rockwell City	77	48	62	2	0.85	0.02	19.99	-3.07	87	10
Sac City	80	45	62	3	0.52	-0.31	18.10	-4.57	84	21
Sioux City	81	45	62	3	0.39	-0.24	21.42	2.83	88	15
Central District										
Boone	76	50	63	3	1.08	0.29	22.50	-1.66	92	18
Des Moines	79	53	66	5	1.22	0.45	21.84	-0.85	114	28
Grundy Center	76	52	63	5	3.02	2.26	30.20	7.02	94	34
Marshalltown	76	51	63	5	3.80	3.02	23.27	-1.04	95	30
Newton	76	52	63	3	2.86	1.97	26.83	3.49	95	18
Perry	78	51	64	5	0.88	0.15	22.06	-0.86	100	32
Toledo	76	52	63	5	2.85	2.07	27.16	2.63	92	26
East Central District										
Cedar Rapids	73	48	64	4	1.28	0.44	33.40	10.25	96	21
Davenport	75	47	64	2	1.67	0.96	31.58	9.10	98	11
Iowa City	76	50	65	3	1.12	0.27	25.54	0.39	108	15
Lowden	75	48	63	4	2.88	1.97	34.28	8.71	94	19
Maquoketa	74	48	63	5	2.31	1.43	28.61	5.16	93	28
Muscataine	75	49	64	2	0.91	0.05	31.32	7.68	98	33
South West District										
Atlantic	80	43	61	2	0.22	-0.72	27.54	5.38	78	8
Clarinda	78	41	59	-3	0.71	-0.25	21.72	-4.34	61	-18
Glenwood	80	44	60	-3	0.33	-0.52	23.17	-0.43	69	-20
Red Oak	81	44	61	-3	0.68	-0.27	20.68	-5.06	78	-11
Sidney	80	48	61	-2	0.26	-0.63	17.28	-7.03	80	-9
South Central District										
Allerton	75	51	63	2	1.13	0.10	33.77	9.03	89	41
Beaconsfield	75	51	62	2	0.43	-0.53	30.57	6.68	88	10
Chariton	74	51	63	2	1.25	0.12	30.89	5.48	92	13
Indianola	77	50	63	3	1.48	0.63	26.49	2.96	95	18
Leon	75	50	63	2	0.91	-0.02	26.99	2.25	93	13
South East District										
Bloomfield	74	52	64	2	4.02	3.01	34.48	9.39	97	6
Burlington	81	51	67	4	1.01	0.07	32.50	9.30	118	27
Ottumwa	75	50	64	2	4.42	3.47	34.26	11.00	96	7
Washington	79	48	64	1	1.98	1.08	32.03	9.37	99	31

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 2009: AWIS, Inc. All Rights Reserved.

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