



Iowa Crops & Weather

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STRONG STORMS HIT IOWA

Agricultural Summary: Rainfall scattered throughout the state left field conditions either well saturated or flooded. Some ponded areas continued to grow leaving re-planted crops flooded. Higher grounds and sandy soils are in excellent condition while crops on flatter and lower grounds are not draining well with the significant amount of rain received. Fungicide, herbicide, and insecticide spraying are ongoing as prevention rather than treatment with recent conditions. The last half of the week brought heavy rain that halted fieldwork and caused minor flooding throughout the state. Considering all the excess rain, no significant crop damage was reported.

Normal for late July, Iowa received high temperatures and humidity which helped crops progress. Rainfall in west central part of the state left fields saturated but in good condition while excessive rains in Central Iowa left fields drowned out. Corn and soybean color is improving in Southwest Iowa. Aphids are being detected but infestations are light. Farmers are having difficulty harvesting hay and oats between rainfalls. High heat and humidity levels have been more stressful on livestock than crops; however, most livestock is in good condition.

There were 3.0 days suitable for fieldwork during the past week, compared with 4.6 days the previous week. Southwest Iowa had the highest average with 4.2 days suitable for fieldwork while South Central Iowa was only able to work 2.2 days during the week. Topsoil moisture rated 0 percent very short, 0 percent short, 55 percent adequate, and 45 percent surplus across the state. Subsoil moisture rated 0 percent very short, 0 percent short, 50 percent adequate, and 50 percent surplus.

Field Crops Report: Ninety-four percent of the corn acres have tasseled, 85 percent have silked, and 21 percent have reached the milk stage; all three are well ahead of last year and the five-year average. Corn reached dough stage in 2 percent of the crop, ahead of last year, but behind the five-year average of 6 percent. Corn condition rated 3 percent very poor, 7 percent poor, 20 percent fair, 43 percent good, and 27 percent excellent. Eighty-two percent of the soybean crop has bloomed, compared to 78 percent last year and 81 percent for the five-year average. Pods have been set on 44 percent of the soybean acres, 3 days ahead of last year and 1 day ahead of the five-year average. Soybean condition rated 3 percent very poor, 6 percent poor, 20 percent fair, 46 percent good, and 25 percent excellent. Oats have turned color

on 96 percent of the acres, equal to both last year and the five-year average. Oats harvested for grain increased 21 percentage points last week to 57 percent complete, 6 days ahead of last year and 1 day ahead of the five-year average. Oat condition rated 2 percent very poor, 8 percent poor, 22 percent fair, 55 percent good, and 13 percent excellent. Seventy percent of the second cutting of alfalfa has been completed, just ahead of the 69 percent completed last year, but behind the five-year average of 77 percent. Alfalfa third cutting is just beginning at 5 percent complete. All hay condition rated 3 percent very poor, 11 percent poor, 27 percent fair, 45 percent good, and 14 percent excellent.

Livestock, Pasture and Range Report: Pasture and range condition rated 0 percent very poor, 4 percent poor, 19 percent fair, 57 percent good, and 20 percent excellent. Pastures are still being reported in mostly good condition, ample precipitation has kept growth productive.

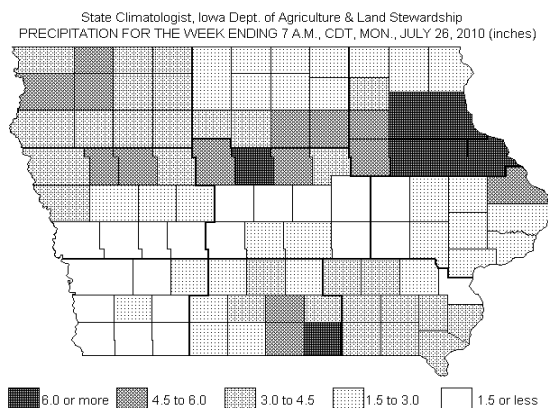
IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist Iowa Department of Agriculture & Land Stewardship

It was another exceptionally wet week across parts of Iowa. Torrential rains fell over portions of south central Iowa on Monday (19th) night; northwest Iowa on Wednesday (21st) night and northeast Iowa on both Thursday (22nd) and Friday (23rd) nights. The worst flooding was over northeast Iowa where record flood crests were established along the Maquoketa River. Weekly rain totals varied from 0.71 inches at Corning to 13.31 inches at Oelwein. At Oelwein this July has easily been the wettest calendar month on record with 19.56 inches of rain recorded thus far. The statewide average precipitation for the past week was 3.19 inches or more than three times the normal of 0.94 inches. This was the eighth consecutive wetter than normal week and third week this summer to average over three inches. Meanwhile temperatures averaged slightly below normal over far northwest Iowa to three degrees above normal over the southeast. The statewide average temperature was 1.4 degrees above normal. Temperature extremes varied from a Wednesday morning low of 53 degrees at Sibley to a Thursday afternoon high of 95 degrees at Ankeny. Thursday and Friday were easily the hottest days of the week with official heat indices reaching as high as 105 degrees at Burlington on Thursday and 110 on Friday.

Statewide Crop Conditions as of July 25, 2010

Item	Very Poor (Percent)	Poor (Percent)	Fair (Percent)	Good (Percent)	Excellent (Percent)
Corn	3	7	20	43	27
Soybeans	3	6	20	46	25
Oats	2	8	22	55	13
Hay, all	3	11	27	45	14
Range & Pasture ..	0	4	19	57	20

PRELIMINARY IOWA PRECIPITATION



Field Work and Crop Progress as of July 25, 2010

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 tasseled	97	97	93	96	97	98	83	81	93	94	83	73	83
Corn silked	86	90	80	89	90	90	71	69	78	85	62	55	67
Corn in or past milk stage	17	17	16	26	24	23	19	28	27	21	6	6	18
Soybeans bloomed	92	86	89	86	85	86	69	64	63	82	70	78	81
Soybeans setting pods	51	54	35	47	50	49	31	28	23	44	19	32	41
Oats turned color	99	98	99	96	89	100	95	92	96	96	93	96	96
Oats harvested for grain	56	55	66	46	46	62	47	47	65	57	36	28	45
Hay, alfalfa - second crop harvested	93	81	83	82	78	91	68	34	65	70	59	69	77
Hay, alfalfa - third crop harvested	12	7	5	4	8	3	4	4	5	5	NA	NA	NA

Days Suitable & Soil Moisture Condition as of July 25, 2010

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	(Days) 2.9	(Days) 2.6	(Days) 3.7	(Days) 2.6	(Days) 2.3	(Days) 4.1	(Days) 4.2	(Days) 2.2	(Days) 3.1	(Days) 3.0	(Days) 4.6	(Days) 5.1
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Topsoil moisture												
Very short	0	0	0	0	0	0	0	0	0	0	0	0
Short	0	0	0	0	0	0	0	0	0	0	2	7
Adequate	55	69	53	59	39	75	59	33	48	55	66	82
Surplus	45	31	47	41	61	25	41	67	52	45	32	11
Subsoil moisture												
Very short	0	0	0	0	0	0	0	0	0	0	0	0
Short	0	0	0	0	0	0	0	0	0	0	1	4
Adequate	57	69	48	51	31	60	49	32	52	50	62	81
Surplus	43	31	52	49	69	40	51	68	48	50	37	15

Weather Summary For National Agricultural Statistics Service, Iowa Field Office. For the week ending: Sunday, July 25, 2010, 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	84	57	72	0	3.33	2.56	18.50	5.48	156	2	
Sioux Center	88	57	74	1	4.43	3.67	20.10	6.85	170	2	
Spencer	87	54	73	-2	2.88	1.97	16.68	3.20	162	1	
Spirit Lake	86	61	74	2	3.20	2.37	16.21	3.24	169	8	
North Central District											
Britt	86	60	74	1	2.69	1.74	18.62	3.99	167	13	
Humboldt	87	61	74	-1	4.08	3.16	26.67	11.80	169	8	
Mason City	86	58	73	0	2.32	1.37	16.71	1.64	162	1	
Osage	85	61	72	-2	2.83	1.87	21.33	6.32	157	3	
North East District											
Decorah	86	60	74	0	2.28	1.39	19.96	5.18	168	7	
Dubuque	89	61	75	3	8.93	8.02	30.19	14.84	178	17	
Elkader	86	59	74	2	6.09	5.11	30.87	16.47	167	11	
Fayette	87	60	73	0	5.43	4.43	28.02	12.71	163	16	
Waterloo	90	60	75	2	4.87	3.79	27.59	11.78	175	7	
West Central District											
Carroll	89	61	75	2	2.67	1.73	22.15	6.02	176	1	
Castana	88	63	74	-2	3.44	2.74	18.38	4.31	172	-10	
Guthrie Center	90	59	76	1	1.32	0.55	32.95	17.66	183	8	
Harlan	90	59	76	0	1.66	0.86	24.34	9.39	180	12	
Jefferson	88	62	74	0	2.14	1.20	22.91	6.78	170	-5	
Logan	92	61	76	0	1.15	0.38	24.78	10.11	187	5	
Rockwell City	88	63	75	1	4.35	3.37	23.37	8.41	179	11	
Sac City	86	60	73	-2	6.45	5.64	21.29	6.57	164	-3	
Sioux City	89	61	77	1	4.49	3.79	15.26	2.87	187	12	
Central District											
Boone	90	60	75	0	2.05	1.27	25.11	8.96	173	3	
Des Moines	94	66	79	3	1.31	0.47	27.36	12.82	208	19	
Grundy Center	90	62	75	3	6.19	5.19	28.20	12.66	175	14	
Marshalltown	90	61	75	3	1.58	0.63	22.89	7.45	180	12	
Newton	94	64	76	2	1.39	0.55	30.98	15.89	185	3	
Perry	90	61	77	3	1.44	0.66	26.63	11.42	187	19	
Toledo	90	63	74	1	1.11	0.13	20.62	4.87	173	12	
East Central District											
Cedar Rapids	90	61	76	2	1.79	0.88	22.85	8.04	181	6	
Davenport	91	63	77	2	1.98	1.13	24.53	10.11	192	3	
Iowa City	93	67	79	2	1.72	0.60	21.38	5.11	201	12	
Lowden	91	62	76	4	1.77	0.79	23.51	7.21	185	24	
Maquoketa	90	60	75	2	4.00	3.23	21.80	7.24	174	13	
Muscatine	91	66	78	3	2.30	1.32	29.19	13.78	198	15	
South West District											
Atlantic	91	60	77	3	1.54	0.70	26.13	11.97	190	15	
Clarinda	90	62	78	2	0.80	-0.32	21.90	5.27	197	22	
Glenwood	93	62	78	3	1.35	0.51	20.09	4.59	199	11	
Red Oak	91	63	79	2	1.60	0.66	24.87	8.17	203	21	
Sidney	93	65	79	2	1.03	-0.04	18.39	2.91	203	14	
South Central District											
Allerton	94	64	78	3	4.71	3.69	36.60	21.10	200	20	
Beaconsfield	89	64	77	2	1.78	0.81	26.96	11.79	190	13	
Chariton	92	62	77	2	7.51	6.54	35.82	19.73	188	13	
Indianola	91	63	77	2	4.21	3.37	35.38	19.87	187	16	
Leon	90	65	78	3	3.39	2.48	31.50	15.91	200	25	
South East District											
Bloomfield	92	67	78	3	4.64	3.59	30.46	14.92	201	19	
Burlington	93	68	81	5	2.94	2.00	33.67	18.87	216	27	
Ottumwa	90	66	78	2	3.48	2.49	28.57	13.91	198	9	
Washington	91	64	78	1	3.02	2.11	30.07	15.55	193	11	

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 2010: AWIS, Inc. All Rights Reserved.