

Iowa Crops & Weather



USDA – National Agricultural Statistical Service
Iowa Field Office

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RAIN STILL WANTED

Agricultural Summary: Scattered showers fell in the State on Monday and Thursday providing fuel to keep crops growing. Areas not receiving rain show signs of stress due to lack of moisture. Farmers across the State are asking for more rain. Insecticide spraying has increased in soybeans due to the presence of aphids.

There were 5.4 days suitable for fieldwork, compared to 5.8 days last year at this time. Topsoil moisture rated 18 percent very short, 29 percent short, 51 percent adequate, and 2 percent surplus across the State. Subsoil moisture rated 14 percent very short, 31 percent short, 54 percent adequate, and 1 percent surplus.

Field Crops Report: Oats harvested for grain are at 70 percent, behind last year's 76 percent and 4 percentage points behind the five-year average. The condition of the oat crop remained equal to last week at zero percent very poor, 5 percent poor, 33 percent fair, 53 percent good, and 9 percent excellent. Corn tasseled, at 98 percent, is equal to last year and 4 days ahead of the five-year average of 95 percent. Corn silked, at 90 percent, is 2 percentage points behind last year but 3 days ahead of normal. Corn in milk stage is at 43 percent, 1 percentage point ahead of last year and 2 days ahead of the five-year average. Corn in dough stage is at 10 percent, equal to last year and one percentage point ahead of the five-year average. Corn condition is rated at 3 percent very poor, 8 percent poor, 29 percent fair, 45 percent good, and 15 percent excellent. Soybeans blooming, at 93 percent, are equal to last year and ahead of the five-year average of 91 percent. Sixty-one percent of soybeans are setting pods, 2 percentage points behind last year but 6 percentage points ahead of the five-year average. Soybean condition is 1 percent very poor, 6 percent poor, 27 percent fair, 52 percent good, and 14 percent excellent. Ninety-one percent of the second cutting of alfalfa hay is complete, behind last year's 96 percent but equal to the five-year average. The

third cutting of alfalfa is 10 percent complete. All hay condition is 6 percent very poor, 22 percent poor, 32 percent fair, 35 percent good, and 5 percent excellent.

Livestock and Pasture Report: Pasture condition rated 8 percent very poor, 23 percent poor, 34 percent fair, 31 percent good, and 4 percent excellent. Some livestock are being fed hay to supplement poor pasture. Flies and insect populations continue to pester livestock.

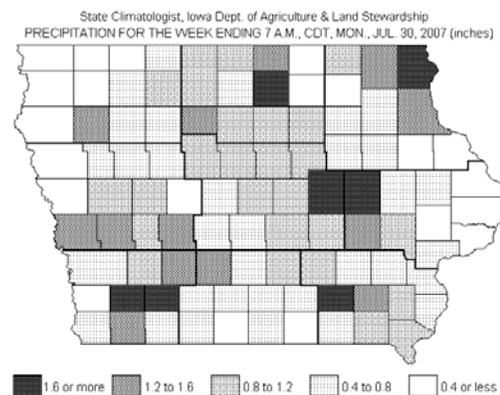
IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

Welcome rains fell over most of Iowa on Thursday (26th) night into Friday (27th) morning; however, very little rain fell for the remainder of the reporting week. Temperatures varied little with slightly warmer and more humid conditions from Monday (23rd) through Thursday (26th) and a little cooler and drier over the weekend. Temperature extremes varied from a Thursday (26th) afternoon high of 94 degrees at Little Sioux to a Sunday (29th) morning low of 54 degrees at Cresco. Temperatures for the week as a whole averaged 3 to 4 degrees warmer than normal in western Iowa to 1 to 2 degrees below normal across the east for a statewide average of 1.3 degrees above normal. Other than the locally heavy mid-week rains there were isolated showers each day except Tuesday (24th) with these rains mostly affecting small areas of southwest Iowa. Weekly rain totals varied from only sprinkles at Sioux City to Sioux Center to 2.27 inches at Mason City Airport and Waukon. This was the fifth consecutive week with less than 0.01 inch of rain at Sioux Center. The statewide average precipitation for the week was 0.80 inches while normal is 1.07 inches.

Statewide Crop Conditions as of July 29, 2007

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	8	29	45	15
Hay, all	6	22	32	35	5
Oats	0	5	33	53	9
Range & Pasture	8	23	34	31	4
Soybeans	1	6	27	52	14

PRELIMINARY IOWA PRECIPITATION



Provided by Harry Hillaker, State Climatologist

Field Work and Crop Progress as of July 29, 2007

Item	Districts										State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE					
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent					
Corn tasseled	98	99	98	98	99	98	97	93	95	98	90	98	95	
Corn silked	93	96	93	92	87	87	88	80	82	90	73	92	85	
Corn in or past milk stage	38	48	45	46	54	32	43	35	35	43	21	42	33	
Corn in or past dough stage	6	10	6	12	17	8	9	14	7	10	3	10	9	
Soybeans blooming	96	96	96	96	95	86	88	82	86	93	83	93	91	
Soybeans setting pods	53	77	81	59	62	53	57	47	50	61	42	63	55	
Oats harvested for grain	87	78	63	72	68	71	75	65	73	70	35	76	74	
Hay, alfalfa - second crop harvested	100	99	93	97	98	97	98	85	87	91	75	96	91	
Hay, alfalfa - third crop harvested	14	7	11	6	5	3	4	15	13	10	2	NA	NA	

Days Suitable & Soil Moisture Condition as of July 29, 2007

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	6.3	4.7	5.2	5.7	4.6	5.6	5.3	5.8	5.6	5.4	5.0	5.8	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	46	11	0	33	12	0	25	20	14	18	18	33	
Short	43	26	13	37	26	6	42	46	18	29	30	33	
Adequate	11	62	86	29	58	93	31	34	65	51	49	32	
Surplus	0	1	1	1	4	1	2	0	3	2	3	1	
Subsoil moisture													
Very short	30	15	0	30	7	0	16	14	12	14	11	33	
Short	53	34	19	38	30	2	31	40	25	31	30	38	
Adequate	17	51	80	32	62	96	53	46	61	54	57	30	
Surplus	0	0	1	0	1	2	0	0	2	1	2	0	

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, July 29, 2007

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	91	56	76	5	0.70	-0.07	10.09	-3.37	181	27
Sioux Center	94	58	79	5	0.00	-0.72	8.37	-5.28	202	34
Spencer	92	56	77	5	0.46	-0.45	8.93	-5.07	192	31
Spirit Lake	92	57	77	5	0.19	-0.60	10.91	-2.50	188	9
North Central District										
Britt	87	58	75	2	0.81	-0.10	15.18	0.03	173	12
Humboldt	89	61	75	2	1.49	0.58	14.68	-0.71	179	11
Mason City	92	56	74	2	2.32	1.41	17.81	2.22	169	8
Osage	89	59	74	1	0.93	-0.05	13.45	-2.12	166	-9
North East District										
Decorah	89	57	74	0	3.33	2.48	17.63	2.37	166	4
Dubuque	86	59	72	0	0.36	-0.55	18.01	2.14	156	-2
Elkader	89	55	72	-1	1.57	0.59	21.22	6.26	158	-24
Fayette	87	58	72	0	1.90	0.92	21.85	5.98	159	-2
Waterloo	89	61	75	2	1.61	0.57	18.97	2.57	174	13
West Central District										
Carroll	91	62	77	4	0.90	-0.01	17.16	0.51	191	23
Castana	92	66	77	3	0.92	0.22	17.30	2.83	192	30
Guthrie Center	90	63	76	2	1.85	1.05	27.19	11.43	184	9
Harlan	89	65	77	3	2.25	1.48	18.74	3.35	192	24
Jefferson	91	62	77	3	0.42	-0.49	18.59	1.94	187	19
Logan	92	67	78	3	1.25	0.48	20.39	5.28	199	17
Rockwell City	91	61	75	1	0.54	-0.40	16.90	1.42	179	8
Sac City	91	60	77	3	0.77	-0.01	17.10	1.93	188	20
Sioux City	91	65	79	4	0.00	-0.70	16.87	4.08	207	25
Central District										
Boone	90	62	75	2	0.49	-0.31	18.13	1.51	177	9
Des Moines	91	65	77	0	1.20	0.36	16.56	1.54	193	4
Grundy Center	89	61	74	3	2.15	1.17	21.01	4.91	169	15
Marshalltown	88	62	74	1	2.54	1.56	15.94	-0.06	170	9
Newton	92	63	75	0	2.05	1.21	14.60	-0.97	178	3
Perry	90	61	76	3	1.19	0.38	21.78	6.09	183	15
Toledo	88	61	74	0	2.12	1.13	16.46	0.14	167	4
East Central District										
Cedar Rapids	86	60	73	-2	1.27	0.37	17.56	2.24	159	-9
Davenport	86	57	73	-3	0.33	-0.56	20.23	5.29	163	-16
Iowa City	87	61	74	-3	1.20	0.11	16.04	-0.84	171	-14
Lowden	88	55	72	-2	0.21	-0.77	18.53	1.67	158	-10
Maquoketa	86	56	72	-3	0.14	-0.67	19.74	4.70	154	-7
Muscatine	88	57	74	-2	0.59	-0.38	19.11	3.15	172	13
South West District										
Atlantic	91	66	78	4	0.76	-0.05	19.27	4.66	196	28
Clarinda	91	65	76	1	1.29	0.20	19.14	1.90	187	5
Glenwood	92	67	79	4	0.07	-0.77	18.43	2.45	207	25
Red Oak	90	67	78	2	1.63	0.72	20.10	2.88	200	11
Sidney	91	66	77	1	0.82	-0.23	16.45	0.37	192	3
South Central District										
Allerton	90	59	75	-1	0.47	-0.51	20.48	4.42	176	29
Beaconsfield	87	62	74	-2	0.85	-0.08	20.02	4.33	169	-8
Chariton	89	57	73	-3	1.13	0.20	19.34	2.73	164	-13
Indianola	90	62	75	0	1.44	0.60	16.63	0.64	178	3
Leon	88	58	74	-3	1.45	0.54	18.72	2.61	166	-16
South East District										
Bloomfield	91	58	75	-1	0.63	-0.40	16.43	0.31	178	-4
Burlington	88	61	75	-1	0.68	-0.23	15.21	-0.11	178	-4
Ottumwa	89	60	75	-3	2.21	1.23	19.67	4.45	174	-13
Washington	89	58	74	-4	0.78	-0.12	24.69	9.66	168	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 2007: AWIS, Inc. All Rights Reserved.

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