



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

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For the week ending July 27, 2014
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Harvest advanced 20 percentage points or more in Iowa for alfalfa hay and oats for grain during the week ending July 27, 2014, according to the USDA, National Agricultural Statistics Service. Statewide there were 5.8 days suitable for fieldwork. The majority of the State received little precipitation and left some farmers wishing for more rain. Activities for the week included aerial fungicide and herbicide application and cutting all types of hay.

Declining from last week, **topsoil moisture** levels rated 1 percent very short, 12 percent short, 81 percent adequate, and 6 percent surplus. **Subsoil moisture** levels rated 1 percent very short, 9 percent short, 84 percent adequate, and 6 percent surplus.

Eighty-five percent of the **corn** acreage was at or beyond the silking stage, just over 2 weeks ahead of the previous year and almost 1 week ahead of the five-year average. Corn in the dough stage reached 14 percent, 7 points ahead of normal. Seventy-eight percent of the corn crop was reported in good to excellent condition. **Soybean** progress advanced to 82 percent blooming or beyond, 10 days ahead of last year and just ahead of average. Forty-one percent of the soybean crop was setting pods, well ahead of last year's 12 percent. Seventy-four percent of the soybean crop was rated in good to excellent condition, unchanged from last week. With 94 percent of the **oat** acreage having turned color, oat harvest for grain was 44 percent complete, 1 percentage point ahead of last year but 15 percentage points behind normal. Seventy-four percent of the oat acreage was reported in good to excellent condition.

The second cutting of **alfalfa hay** was 74 percent complete, 2 percentage points ahead of the previous year but 5 points behind the five-year average. Some farmers started cutting their third crop of alfalfa hay during the week. Sixty-eight percent of all hay was rated in

good to excellent condition. Pasture condition decreased to 71 percent good to excellent. Stress on livestock was reported as minimal.

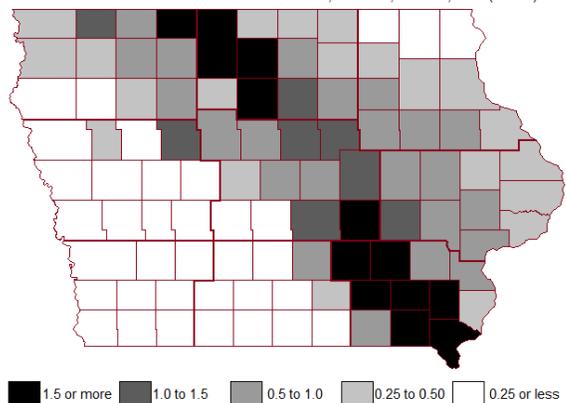
IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist Iowa Department of Agriculture & Land Stewardship

The past week brought a variety of weather to Iowa. Very warm and humid conditions prevailed on Monday (21st) and Tuesday (22nd) and again over southwestern Iowa on Friday (25th) and Saturday (26th). On Monday (21st) actual temperatures reached as high as 98 degrees at Sidney while very high humidity pushed the heat index as high as 117 degrees at Audubon. A cooler air mass allowed temperatures to fall to 51 degrees at Mason City and Elkader on Thursday (24th) morning. Much warmer air quickly returned to southwest Iowa on Friday (25th) with Sidney reporting the first triple digit heat of the year in Iowa with a 102 degree maximum while the heat index soared to 117 at Shenandoah. Temperatures for the week as a whole averaged from two to four degrees below normal over far southeast Iowa to about two degrees above normal in the southwest. The statewide average temperature was 0.4 degrees below normal. July as a whole will likely go into the record books among the ten coolest July's of record. Parts of eastern and northern Iowa have yet to reach 90 degrees this year. Meanwhile, rain fell across much of the southeast one-third of Iowa on Tuesday with Fairfield Airport reporting the most rain with 1.12 inches. Rain fell over all but southwestern Iowa on Thursday into Friday with a maximum total of 3.47 inches being reported near Rowan in Wright County. No rain fell during the week over much of southwest and south central Iowa while Fairfield Airport reported the most rain with 4.28 inches. The statewide average precipitation was 0.59 inches while normal for the week is 0.98 inches.

Crop Conditions as of July 27, 2014

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Hay, all	1	5	26	50	18
Oats	0	3	23	59	15
Pasture & Range	1	5	23	55	16
Corn	1	5	16	52	26
Soybeans	1	5	20	54	20

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
 PRECIPITATION FOR THE WEEK ENDING 7 A.M., SUNDAY, JULY 27, 2014 (inches)



Field Work and Crop Progress as of July 27, 2014

Item	Districts										State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE					
Oats turning color	89	93	93	97	99	96	97	95	92	94	83	92	96	
Oats harvested for grain	49	30	36	54	41	43	51	59	56	44	21	43	59	
Corn silking	72	83	77	94	93	90	85	86	87	85	59	45	74	
Corn in or past dough stage	8	12	6	13	25	17	21	20	19	14	3	0	7	
Soybeans blooming	83	88	77	93	82	75	78	71	85	82	67	59	80	
Soybeans setting pods	34	52	43	45	45	43	29	31	43	41	19	12	37	
Alfalfa Hay, second cutting	85	85	87	88	80	80	76	48	75	74	54	72	79	

Days Suitable & Soil Moisture Conditions as of July 27, 2014

Item	Districts										State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Days suitable	5.5	5.2	5.7	6.9	5.4	5.5	6.7	6.7	4.8	5.8	6.3	6.0	
Topsoil moisture	(Days)												
Very short	1	1	1	2	1	0	4	0	1	1	0	15	
Short	12	10	9	18	7	8	24	25	5	12	7	37	
Adequate	78	85	86	73	85	86	66	71	86	81	82	46	
Surplus	9	4	4	7	7	6	6	4	8	6	11	2	
Subsoil moisture	(Percent)												
Very short	2	1	0	2	2	2	3	0	2	1	1	7	
Short	10	6	5	15	7	6	24	8	12	9	7	32	
Adequate	83	87	87	79	85	80	63	89	80	84	82	59	
Surplus	5	6	8	4	6	12	10	3	6	6	10	2	

Weather Summary For National Agricultural Statistics Service, Iowa Field Office.

For the week ending: Sunday, July 27, 2014, Prepared by Iowa Environmental Mesonet

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										
Rock Rapids	87	58	72	-1	0.21	-0.57	19.54	6.23	1524	87
Sheldon	84	50	71	-2	0.37	-0.48	19.54	5.7	1521	84
Sibley	86	57	72	0	1	0.39	17.22	3.63	1436	86
Sioux Center	87	57	73	-1	0.43	-0.3	17.1	3.92	1786	87
Spirit Lake	85	55	72	0	0.55	-0.18	16.14	1.86	1548	85
Storm Lake	86	58	72	0	0.27	-0.68	11.71	-3.74	1046	86
NORTH CENTRAL DISTRICT										
Algona	85	56	71	-1	1.02	0.22	22.47	7.37	1500	-161
Charles City	88	55	72	0	0.43	-0.59	22.09	5.47	1524	-161
Dakota City	86	57	73	0	0.37	-0.51	20.77	5.03	1614	-88
Hampton	89	55	73	0	1.12	0.06	26.85	9.39	1563	-89
Mason City	88	55	72	0	0.44	-0.38	20.77	4.11	1410	-196
Osage	88	57	72	0	0.2	-0.8	19.11	2.7	1373	-238
NORTH EAST DISTRICT										
Cresco	90	52	74	2	0.15	-0.84	21.52	5.52	1512	-1
Decorah	91	54	74	1	0	-1.08	18.11	1.91	1624	-29
Dubuque	90	59	73	-2	0.24	-0.79	21.26	5.86	1646	-136
Fayette	92	55	72	0	0.24	-0.9	23.77	6.96	1502	-91
Manchester	90	54	72	-1	0.15	-1.03	18.48	1.6	1504	-104
Tripoli	91	53	72	-1	0.58	-0.44	20.56	3.47	1492	-154
WEST CENTRAL DISTRICT										
Audubon	88	54	72	-2	0.18	-0.55	20.07	3.92	1595	-205
Carroll	89	59	73	-1	0.03	-0.86	20.99	5.1	1675	-87
Jefferson	88	57	72	-3	0.1	-0.66	20.56	4.84	1650	-200
Logan	93	60	76	0	0.03	-0.83	20.58	4.64	1830	-65
Mapleton	92	56	74	-1	0	-0.73	24.34	9.03	1645	-146
Rockwell City	86	58	72	-2	1.1	0.24	19.73	4.07	1586	-174
CENTRAL DISTRICT										
Boone	88	56	73	-1	0.39	-0.45	23.54	6.31	1642	-100
Grinnell	87	53	71	-2	1.79	1.07	26.47	10.18	1564	-119
Grundy Center	88	54	73	0	0.89	0.07	23.66	7.16	1614	-38
Iowa Falls	88	56	72	-1	1.95	1.12	28.22	11.83	1502	-202
Marshalltown	89	57	73	-1	1.46	0.61	23.93	6.81	1660	-78
Webster City	86	55	72	-1	0	-0.93	21.41	5.17	1480	-251
EAST CENTRAL DISTRICT										
Anamosa	89	56	71	-2	0.56	-0.41	25.66	8.95	1539	-174
Cedar Rapids	89	57	74	-1	0.61	-0.29	24.69	7.75	1858	18
Clinton	90	59	74	-1	0.31	-0.6	18.47	3.69	1872	12
Lowden	92	53	73	-1	0.56	-0.39	23.78	7.4	1855	93
Maquoketa	91	53	71	-3	0.3	-0.48	22.11	7.08	1675	-27
Vinton	90	57	73	-1	0.72	-0.06	23.43	7.52	1596	-193
SOUTH WEST DISTRICT										
Clarinda	93	58	75	0	0	-1.03	17.68	0.44	1842	-56
Glenwood	94	60	77	0	0	-0.94	20.08	3.55	1866	-84
Oakland	92	61	75	1	0	-0.94	20.11	3.62	1916	66
Red Oak	94	63	77	1	0	-0.88	24.24	7.18	1884	-80
Sidney	102	63	80	3	0	-1.09	14.06	-2.12	1915	-83
SOUTH CENTRAL DISTRICT										
Allerton	91	57	72	-3	0.91	0.04	25.03	7.83	1608	-218
Beaconsfield	89	61	72	-4	0	-1.05	24.39	7.39	1682	-198
Centerville	93	55	73	-3	0.19	-0.71	15.59	-0.78	1804	-103
Indianola	90	55	74	-1	0	-0.71	20.46	3.74	1795	-68
Lamoni	93	61	75	-1	0	-1.05	23.09	6.1	1744	-137
Osceola	95	55	76	0	0	-0.87	21.83	4.87	1762	-84
SOUTH EAST DISTRICT										
Bloomfield	90	57	74	-2	0.79	-0.2	17.09	0.31	1946	40
Donnellson	88	58	73	-4	2.31	1.37	17.13	0.73	1902	-81
Fairfield	89	56	72	-4	2.93	2.02	19.31	3.19	1783	-167
Keosauqua	79	68	73	-4	0	-1.11	13.07	-3.73	1646	-349
Washington	89	57	73	-3	1	0.06	18.68	2.81	1780	-157