



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending July 19, 2015
Issued July 20, 2015

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Hot and humid weather throughout Iowa aided crop development for the week ending July 19, 2015, according to the USDA, National Agricultural Statistics Service. Statewide there were 4.5 **days suitable for fieldwork**. Activities for the week included cutting hay and fungicide application to corn. Tasseling corn was reported throughout the State.

Topsoil moisture levels rated 0 percent very short, 4 percent short, 79 percent adequate and 17 percent surplus. **Subsoil moisture** levels rated 0 percent very short, 4 percent short, 78 percent adequate and 18 percent surplus.

Over half the **corn** crop reached the silking stage, with 83 percent rated good to excellent. **Soybeans** blooming or beyond reached 62 percent, slightly behind 2014, but equal to normal. Fifteen percent of soybeans were setting pods. Soybean condition rated 77 percent good to excellent this week. **Oat** acreage turning color or beyond reached 87 percent, with 28 percent of the oat crop harvested for grain or seed, 3 days ahead of last year, but 4 days behind the average. Oat crop condition rating declined to 79 percent good to excellent.

The first cutting of **alfalfa hay** made little progress, advancing just 1 percentage point to 95 percent complete. The second cutting reached 53 percent, slightly ahead of last year, but 5 days behind normal. **Hay condition** was rated at 69 percent good to excellent, while **pasture condition** rated 78 percent good to excellent. Livestock stress levels increased as temperatures and humidity remained high throughout the week.

Crop conditions as of July 19, 2015

Item	Very Poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Corn, all	0	3	14	60	23
Soybeans	1	3	19	60	17
Hay, all.....	1	6	24	55	14
Oats.....	0	3	18	65	14
Pasture & Range...	0	2	20	59	19

Field Work and Crop Progress as of July 19, 2015

Item	Districts									State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(percent)												
Oats coloring	94	74	84	95	95	83	98	90	91	87	69	80	85
Oats harvested	33	15	35	36	37	14	34	20	34	28	13	19	37
Corn silking.....	57	56	42	54	70	58	50	60	64	56	17	54	52
Soybeans blooming	81	68	60	61	65	72	43	37	48	62	40	64	62
Soybeans setting pods	17	18	9	13	24	19	10	11	16	15	4	17	16
Alfalfa Hay, first cutting	100	100	100	100	98	100	96	85	96	95	94	99	99
Alfalfa Hay, second cutting	84	59	72	71	72	76	41	18	35	53	40	50	65

Days Suitable & Soil Moisture Condition as of July 19, 2015

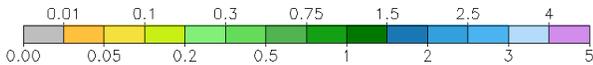
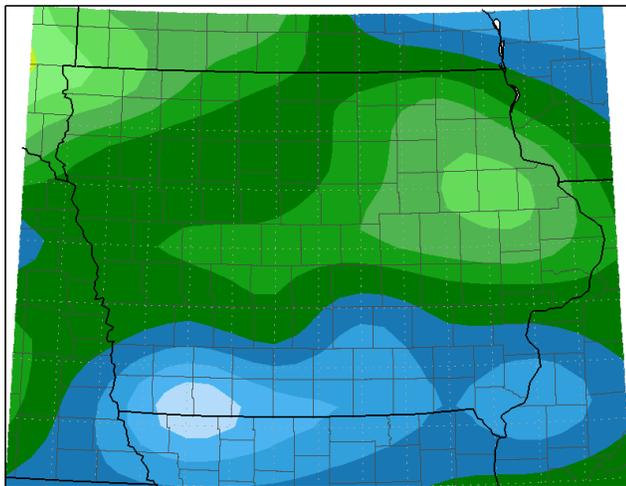
Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	(days)											
Days suitable	4.9	5.2	4.3	4.4	4.8	5.2	4.4	3.2	2.7	4.5	4.8	6.0
	(percent)											
Topsoil moisture												
Very short	2	1	0	0	0	0	0	0	0	0	0	0
Short	13	7	2	3	3	2	2	0	2	4	3	6
Adequate	81	88	91	88	75	70	77	45	51	79	77	81
Surplus	4	4	7	9	22	28	21	55	47	17	20	13
Subsoil moisture												
Very short	2	1	0	0	0	0	0	0	1	0	0	1
Short	13	5	5	2	1	1	1	1	6	4	3	7
Adequate	79	91	88	90	76	61	75	48	58	78	78	81
Surplus	6	3	7	8	23	38	24	51	35	18	19	11

IOWA PRELIMINARY WEATHER SUMMARY

Provided by Harry Hillaker, State Climatologist
Iowa Department of Agriculture & Land Stewardship

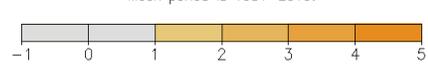
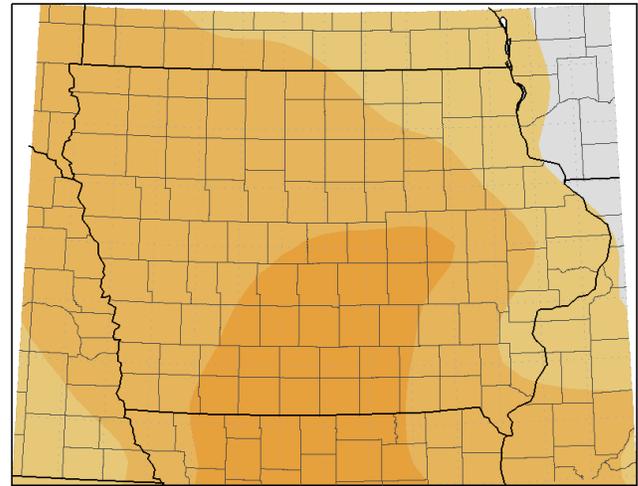
Hot and humid weather dominated Iowa for much of the reporting week. The hottest weather occurred on Monday (13th) and Friday (17th) while temperatures slipped below normal in some areas on Wednesday (15th) and Sunday (19th). The combination of heat and humidity pushed official heat indices to 111 degrees at Burlington on Monday and 110 degrees on Friday while unofficial readings went even higher elsewhere over southern Iowa. Actual temperatures peaked at 97 degrees at Des Moines on Monday and also at Bellevue, Lamoni and Osceola on Friday. Lowest temperatures were sunrise readings of 56 degrees at Cresco on Wednesday (15th) and at Estherville on Sunday (19th). Temperatures for the week as a whole averaged 3.3 degrees above normal. Most of the week's rain fell between late Wednesday (15th) morning and Friday (17th) morning with heavy rains of two inches or more falling over most of the southern one-third of the state, as well as some west central sections of Iowa. Otherwise there were some scattered showers and thunderstorms over the northeast and southwest corners of Iowa on Monday (13th). Light to occasionally moderate rain also fell over far northern, western and southern Iowa on Saturday (18th). Finally, thunderstorms brought rain to far southern Iowa on Sunday (19th) morning. Weekly rain totals varied from 0.17 inches at Bellevue to 5.61 inches at Clarinda. The statewide average rainfall was 1.30 inches while normal for the week is 1.02 inches.

Accumulated Precipitation (in)
July 13, 2015 to July 19, 2015



Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 7/20/2015 9:23:05 AM CDT

Average Temperature (°F): Departure from Mean
July 13, 2015 to July 19, 2015



Mean period is 1981-2010.
Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 7/20/2015 9:25:01 AM CDT