

Crops & Weather

National Agricultural Statistics Service

Iowa Field Office

For the week ending July 8, 2012

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Triple digit temperatures and little if any rainfall in most areas of the State caused crop conditions to decline significantly during the week. Iowa farmers not only faced hot, dry conditions but insect populations are on the rise with many fields being treated.

There were 6.9 days suitable for fieldwork statewide during the past week. Topsoil moisture levels declined to 48 percent very short, 40 percent short, 12 percent adequate, and 0 percent surplus. Central and South Central Iowa are the driest with at least 96 percent of the topsoil moisture rated short to very short. Subsoil moisture dropped to 38 percent very short, 44 percent short, 18 percent adequate, and 0 percent surplus.

Sixty-two percent of the corn crop is at or beyond the tasseling stage, well ahead of last year's 3 percent and the five-year average of 16 percent. Forty-eight percent of the corn crop is silking, nearly two weeks ahead of normal. Corn condition is reported at 5 percent very poor, 13 percent poor, 36 percent fair, 40 percent good, and 6 percent excellent. The combined good to excellent percentage of 46 is at the lowest level for the first week of July since 1993. Fifty-two percent of the soybean crop is blooming, ahead of last year's 29 percent and the five-year average of 34 percent. Soybean condition is rated 4 percent very poor, 11 percent poor, 37 percent fair, 42 percent good, and 6 percent excellent. Ninety-two percent of the oat crop has turned color, well ahead of last year's 38 percent and the five-year average of 49 percent. Forty-five percent of the oat crop has been harvested, almost three weeks ahead of normal. Oat condition is rated 4 percent very poor, 16 percent poor, 36 percent fair, 40 percent good, and 4 percent excellent. Harvest of second cutting of alfalfa hay, at 90 percent complete, is a month ahead of the normal pace. Hay condition is rated

Crop Conditions as of July 8, 2012

Item	Very Poor	Poor	Fair	Good	Excellent	
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	
Corn	5	13	36	40	6	
Soybeans	4	11	37	42	6	
Oats	4	16	36	40	4	
Hay, all	9	20	42	28	1	
Pasture & Range	16	33	37	13	1	

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					0.10 or more		0.01 to 0.10		0.01 or less				
Field Work and Crop Progress as of July 8, 2012													
ltom	Districts									State	Last	Last	5-yr
Item	NW	NC	NE	WC	С	EC	SW	SC	SE	State	Week	Year	Avg
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent
Corn tasseled	64	66	41	76	63	52	71	54	70	62	NA	3	16
Corn silked	49	41	31	61	51	40	58	44	54	48	16	1	7
Soybeans bloomed	66	45	45	65	54	42	46	42	44	52	27	29	34
Oats turned color	96	82	95	81	93	92	97	89	93	92	68	38	49
Oats harvested for grain	40	35	47	38	44	46	53	48	53	45	20	3	2
Hay, alfalfa - 2nd cutting	95	85	96	95	91	97	92	79	88	90	76	33	28

Days Suitable & Soil Moisture Condition as of July 8, 2012

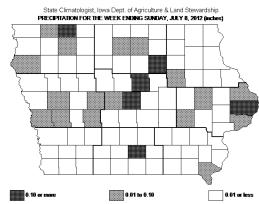
Item			State	Last	Last							
nem	NW	NC	NE	WC	С	EC	SW	SC	SE	State	Week	Year
	(Days)											
Days suitable	6.9	6.8	6.8	7.0	6.8	6.8	7.0	7.0	6.9	6.9	6.4	5.7
	(Percent)											
Topsoil moisture												
Very short	28	37	55	32	65	55	50	71	49	48	28	1
Short	52	53	37	44	31	38	29	26	41	40	45	9
Adequate	20	10	8	24	4	7	21	3	10	12	27	80
Surplus	0	0	0	0	0	0	0	0	0	0	0	10
Subsoil moisture												
Very short	28	39	38	28	47	39	42	57	28	38	24	1
Short	40	48	42	48	41	51	36	39	55	44	49	5
Adequate	32	13	20	24	12	10	22	4	17	18	27	78
Surplus	0	0	0	0	0	0	0	0	0	0	0	16

9 percent very poor, 20 percent poor, 42 percent fair, 28 percent good, and 1 percent excellent.

Just under one-half of Iowa's pasture and range land is rated in poor to very poor condition. Pasture and range condition rated 16 percent very poor, 33 percent poor, 37 percent fair, 13 percent good, and 1 percent excellent. The excessive heat also caused stress for livestock with some deaths being reported.

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

It was a very hot and dry week across Iowa. Temperatures were far above normal until the weekend when a cool front brought relief to the northwest on Saturday (7th) and statewide on Sunday (8th). Triple digit temperatures were recorded in some areas from Wednesday through Saturday. Keosauqua reached 99 degrees or higher every day from Monday through Saturday while the highest temperatures in the state so far this year were recorded on Saturday when Bloomfield, Fairfield, Fort Madison, Iowa City, Lamoni, Osceola, Oskaloosa and Rathbun Dam all reached 105 degrees. The week's lowest temperatures were recorded on Sunday (8th) morning at Estherville, Mason City, Sheldon and Swea City with 61 degree readings. Temperatures for the week as a whole averaged 9.3 degrees above normal. There was no widespread rain during the week with only a few isolated thunderstorms which were most numerous over central Iowa on Thursday morning and over east central Iowa on Saturday evening. The vast majority of Iowa saw no rain during the week while the greatest rain amount reported was 1.72 inches near Delmar in Clinton County. The statewide average precipitation was 0.02 inch while normal for the week is 1.07 inches. This was Iowa's driest week in 21 weeks (early February).



Weather Summary For National Agricultural Statistics Service, Iowa Field Office. For the week ending: 7:00 am Sunday, July 8, 2012, Prepared by AWIS, Inc.

				rent Week			Since April 1						
		Tempe			Precipita	ation	Precipitat		GDD Base 50F				
Station	High	Low	Avg.	DFN	Total	DFN	Total	DFN	Total	DFN			
	5	-	5			orth West Dis							
Estherville	95	61	80	9	0.00	-0.82	12.41	1.23	1,461	414			
Sioux Center	100	62	82	9	0.00	-0.88	10.98	-0.42	1,686	362			
Spencer	99	65	82	11	0.02	-0.89	12.86	1.62	1,556	425			
Spirit Lake	97	63	81	10	0.34	-0.57	12.95	1.96	1,457	346			
						th Central D							
Britt	98	65 66	82 83	10	0.13	-0.92 -1.03	11.51 10.90	-0.80	1,370	272			
Dakota City Mason City	100 99	60 61	80	10 9	0.00 0.00	-1.03	9.62	-1.70 -3.16	1,498 1,423	288 316			
Osage	98	65	82	11	0.00	-0.98	12.13	-0.58	1,349	304			
•					No	orth East Dis	strict		1				
Decorah	101	66	84	13	0.00	-0.93	10.29	-2.34	1,492	366			
Dubuque	98	70	83	12	0.00	-0.91	7.11	-6.06	1,388	284			
Elkader	99	63	82	11	0.00	-0.91	8.04	-4.07	1,200	122			
Fayette	99	67	83	12	0.00	-0.98	11.34	-1.54	1,350	361			
Waterloo	101	70	85	13	0.00	-1.12	9.48	-3.72	1,556	359			
Correll	00	00	00	10		st Central D		2.20	4 5 4 4	007			
Carroll	98 98	66 65	82 82	10 8	0.00 0.05	-1.05 -0.76	10.44 12.90	-3.38 0.54	1,541 1,532	337 174			
Guthrie Center	100	66	83	10	0.00	-0.88	10.81	-2.57	1,601	359			
Harlan	95	67	81	7	0.05	-0.86	11.23	-1.73	1,549	357			
Jefferson	98	66	82	9	0.00	-1.05	8.25	-5.57	1,550	335			
Logan	98	69	82	7	0.02	-0.84	12.23	-0.56	1,610	301			
Rockwell City	98	66	81	7	0.00	-1.05	11.61	-1.02	1,496	309			
Sac City	95	64	80	7	0.00	-0.91	12.11	-0.63	1,432	322			
Sioux City	97	68	81	7	0.00	-0.77	13.18	2.53	1,711	433			
-						Central Distr							
Boone	99 102	69 74	82 88	10 12	0.11 0.00	-0.84 -0.88	10.36	-3.81 -1.31	1,491	284 554			
Des Moines Grundy Center	99	74 70	80 84	12	0.00	-0.88 -1.05	11.21 8.85	-4.25	1,910 1,498	381			
Marshalltown	99	70	85	12	0.00	-0.99	5.82	-7.34	1,643	442			
Newton	101	71	86	12	0.00	-0.91	8.51	-4.57	1,566	232			
Perry	101	68	84	11	0.00	-0.92	10.70	-2.56	1,564	356			
Toledo	100	67	84	12	0.00	-1.01	7.68	-5.74	1,422	304			
					Eas	st Central Di	istrict						
Cedar Rapids	100	69	84	11	0.00	-0.98	6.76	-5.86	1,546	282			
Davenport	100	68	83	9	0.00	-0.91	11.24	-1.12	1,594	198			
Iowa City	105 103	71 69	86 85	11 12	0.00 0.00	-1.12 -1.05	9.81 9.09	-3.79 -4.84	1,666 1,476	186 292			
Lowden Maquoketa	103	68	83	11	0.00	-0.88	6.39	-6.28	1,336	187			
Muscatine	101	70	84	10	0.10	-0.95	12.81	-0.21	1,527	109			
					So	uth West Di							
Atlantic	98	68	83	10	0.00	-0.91	10.51	-1.61	1,599	321			
Clarinda	97	67	82	7	0.00	-1.12	11.04	-2.93	1,679	413			
Glenwood	100	70	84	9	0.00	-0.92	9.56	-3.92	1,648	251			
Red Oak	98	71	83	8	0.00	-1.07	16.03	1.64	1,749	418			
Sidney	99	70	84	9	0.00	-1.06	9.70	-3.18	1,778	360			
				[th Central D							
Allerton	104	70	85	11	0.00	-1.05	10.25	-2.78	1,569	302			
Beaconsfield	101	68	83	10	0.00	-1.02	10.81	-2.03	1,567	346			
Chariton Indianola	101 100	70 69	85 85	11 11	0.25 0.00	-0.84 -0.95	11.91 7.91	-1.79 -5.52	1,610 1,597	438 416			
Leon	100	65	82	8	0.00	-0.95	12.20	-1.21	1,526	332			
	100	00	02	Ŭ		outh East Dis		1.21	1,020	502			
Bloomfield	105	70	85	10	0.10	-0.90	9.59	-3.45	1,645	333			
Burlington	103	69	84	10	0.10	-0.70	10.34	-2.15	1,730	285			
Ottumwa	103	68	84	9	0.08	-0.91	10.40	-1.82	1,661	220			
Washington	103	71	85	9	0.00	-0.98	13.66	1.36	1,598	237			
Precipitation (rain melted sn	ow or ioo)	in inches	Droginite	tion Dovo	- Dovo with pr	o ainitation a	f 0 01 inch or more		turaa in Daara				

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 2012: AWIS, Inc. All Rights Reserved.