



Crops & Weather

National Agricultural Statistics Service lowa Field Office

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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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For the week ending July 15, 2012

Although Iowa received scattered showers during the week, the bulk of the week was dry and sunny. Both corn and soybean crop conditions deteriorated as high temperatures and below normal precipitation continued to take a toll. The week's activities included spraying crops and cutting hay, with some farmers starting their third cutting.

There were 6.7 days suitable for fieldwork statewide during the past week. Topsoil moisture levels declined to 58 percent very short, 34 percent short, 8 percent adequate, and 0 percent surplus. South Central Iowa is the driest with 99 percent of the topsoil moisture rated short to very short. Subsoil moisture dropped to 48 percent very short, 41 percent short, 11 percent adequate, and 0 percent surplus.

Eighty-seven percent of the corn crop is at or beyond the tasseling stage, ahead of last year's 41 percent and the five-year average of 43 percent. Seventy-four percent of the corn crop is silking, ahead of last year's 23 percent and the five-year average of 27 percent. Reports show corn has reached the dough stage in each district. Corn condition is reported at 8 percent very poor, 19 percent poor, 37 percent fair, 32 percent good, and 4 percent excellent. Seventy-four percent of the soybean crop is blooming, ahead of both last year and five-year average of 54 percent. Pods are being set on 12 percent of the soybean crop, ahead of last year's four percent and the five-year average of nine percent. Soybean condition is rated 5 percent very poor, 15 percent poor, 42 percent fair, 34 percent good, and 4 percent excellent. Ninetyeight percent of the oat crop has turned color, ahead of last year's 70 percent and the five-year average of 75 percent. Seventy-two percent of the oat crop has been harvested, two weeks ahead of normal. Oat condition is rated 4 percent very poor, 18 percent poor, 34 percent fair, 38 percent good, and 6 percent excellent. Harvest of second cutting of alfalfa hay, at 95 percent complete, is a month ahead of the normal pace. Harvest of third cutting of alfalfa hay, at 17 percent complete, is almost two weeks ahead of normal. Hay condition is rated 15 percent

Crop Conditions as of July 15, 2012

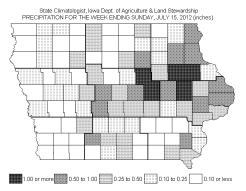
Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn Soybeans Oats Hay, all Pasture & Range	8 5 4 15 26	19 15 18 24 36	37 42 34 40 29	32 34 38 20 8	4 4 6 1 1

very poor, 24 percent poor, 40 percent fair, 20 percent good, and 1 percent excellent.

Less than ten percent of Iowa's pasture and range land is rated good to excellent. Pasture and range condition rated 26 percent very poor, 36 percent poor, 29 percent fair, 8 percent good, and 1 percent excellent. The heat continues to cause stress for livestock with some deaths being reported.

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

The past week brought a brief respite from hot weather as temperatures edged slightly below normal from Tuesday through Thursday morning. However, temperatures were well above normal again by Friday. Elkader reported the lowest temperature of the week with a Thursday morning low of 51 degrees while Knoxville was the hottest with a 99 degree maximum on Sunday (15th). Temperatures for the week as a whole averaged 2.5 degrees above normal. There were some isolated thunderstorms on Monday (9th) and Saturday (14th) with the most widespread rainfall on Friday morning. A few locations, mostly in the northeast, received rainfall of greater than one inch while others, mostly across the west and south, saw no rain at all. Weekly rain totals varied from zero at locations such as Shenandoah, Red Oak, Ottumwa, Le Mars, Iowa City and Clarion to 2.31 inches at Grundy Center and 3.04 inches at Perry. The statewide average precipitation was only 0.28 inches or about one-fourth of the weekly normal of 1.05 inches. This was the ninth week among the past ten with below normal rainfall and tenth of the past eleven with above normal temperatures.



Field Work and Crop Progress as of July 15, 2012

Item		Districts									Last	Last	5-yr
nem	NW	NC	NE	WC	С	EC	SW	SC	SE	State	Week	Year	Avg
	(Percent)												
Corn tasseled	89	90	73	94	90	83	87	82	86	87	62	41	43
Corn silked	77	78	60	83	82	61	76	67	75	74	48	23	27
Soybeans bloomed	81	76	71	87	73	63	64	68	61	74	52	54	54
Soybeans setting pods	10	13	4	14	16	9	10	14	11	12	(NA)	4	9
Oats turned color	100	99	99	98	99	96	98	99	97	98	92	70	75
Oats harvested for grain	88	65	67	62	59	69	84	87	75	72	45	16	13
Hay, alfalfa - 2nd cutting	98	97	99	99	98	98	93	89	91	95	90	59	47
Hay, alfalfa - 3rd cutting	29	6	34	10	31	18	11	7	8	17	(NA)	0	0

Days Suitable & Soil Moisture Condition as of July 15, 2012

Item					Districts					State	Last	Last Year
nem	NW	NC	NE	WC	С	EC	SW	SC	SE	State	Week	
	(Days)											
Days suitable	7.0	6.8	6.4	7.0	6.5	6.3	6.8	7.0	6.7	6.7	6.8	5.5
	(Percent)											
Topsoil moisture												
Very short	54	51	55	48	60	59	59	81	64	58	48	2
Short	36	44	35	39	33	36	31	18	26	34	40	17
Adequate	10	5	10	13	7	5	10	1	10	8	12	73
Surplus	0	0	0	0	0	0	0	0	0	0	0	8
Subsoil moisture												
Very short	41	49	44	44	54	49	45	64	46	48	38	2
Short	43	45	43	43	34	46	38	34	41	41	44	9
Adequate	16	6	13	13	12	5	17	2	13	11	18	78
Surplus		0	0	0	0	0	0	0	0	0	0	11

Weather Summary For National Agricultural Statistics Service, Iowa Field Office. For the week ending: 7:00 am Sunday, July 15, 2012, Prepared by AWIS, Inc.

For the week ending:	7:00 an	n Sunda	-	rrent Weel	<u> </u>	Since April 1					
		Tompo		rrent vveer							
Station	Lliada	Tempe		DEN			· ,		GDD Base		
	High	Low	Avg.	DFN	Total	DFN orth West Dis	Total	DFN	Total	DFN	
Estherville	89	55	73	2	0.00	-0.77	12.41	0.46	1,626	426	
Sioux Center	93	55 55	75 75	2	0.00	-0.77	10.98	-1.22	1,864	372	
Spencer	93	53	75	2	0.01	-0.96	12.87	0.66	1,730	438	
Spirit Lake	91	60	77	5	0.12	-0.72	13.07	1.24	1,642	376	
					Nor	th Central Di	strict			_	
Britt	90	57	74	1	0.32	-0.69	11.83	-1.49	1,539	287	
Dakota City	93	56	75	2	0.00	-0.98	10.90	-2.68	1,676	305	
Mason City	92	54	74	2	0.03	-0.95	9.65	-4.11	1,594	331	
Osage	89	60	74	2	0.61	-0.37	12.74	-0.95	1,519	324	
5			7.5			orth East Dist	T	0.07	4 000		
Decorah	93 89	56 60	75 75	3 4	0.28 0.10	-0.63 -0.80	10.57 7.21	-2.97 -6.86	1,668 1,565	384 307	
Dubuque Elkader	90	51	73	-2	1.38	0.44	9.42	-3.63	1,363	120	
Fayette	90	56	74	2	0.82	-0.22	12.16	-1.76	1,516	380	
Waterloo	91	55	75	2	0.17	-0.95	9.65	-4.67	1,730	366	
		I			We	st Central Di	strict				
Carroll	94	59	76	3	0.28	-0.72	10.72	-4.10	1,725	353	
Castana	95	60	76	3	0.21	-0.52	13.11	0.02	1,718	185	
Guthrie Center	96	55	75	0	0.12	-0.70	10.93	-3.27	1,777	360	
Harlan	92	57	75	-1	0.00	-0.86	11.23	-2.59	1,724	364	
Jefferson	92	56	75 70	1	0.35	-0.65	8.60	-6.22	1,724	337	
Logan	95	59	76 76	-1	0.00	-0.81	12.23	-1.37	1,796	309	
Rockwell CitySac City	91 92	60 57	76 74	2 0	0.04 0.15	-0.95 -0.69	11.65 12.26	-1.97 -1.32	1,676 1,601	322 330	
Sioux City	96	56	76	1	0.13	-0.03	13.81	2.39	1,897	447	
Gloux Gily IIIIIIIIII		00		<u> </u>		Central Distri		2.00	.,00.		
Boone	91	58	75	1	1.46	0.60	11.82	-3.21	1,665	290	
Des Moines	95	64	80	4	0.28	-0.56	11.49	-1.87	2,120	582	
Grundy Center	89	55	74	3	2.31	1.26	11.16	-2.99	1,667	389	
Marshalltown	91	57	75	2	0.10	-0.87	5.92	-8.21	1,819	450	
Newton	92	60	75	0	0.03	-0.81	8.54	-5.38	1,744	230	
Perry	95	58	76	3	2.04	1.20	12.74	-1.36	1,751	375	
Toledo	91	56	74	1	0.68	-0.30	8.36	-6.04	1,590	311	
0 1 0 11			7.5			st Central Dis		0.00	4 704		
Cedar Rapids	90	59	75 75	1	0.52	-0.40	7.28	-6.26	1,724	289	
Davenportlowa City	92 92	57 61	75 78	0 3	0.74 0.00	-0.13 -1.12	11.98 9.81	-1.25 -4.91	1,774 1,865	195 196	
Lowden	94	53	75 75	2	1.11	0.11	10.20	-4.73	1,655	310	
Maquoketa	90	56	74	1	1.01	0.21	7.40	-6.07	1,502	192	
Muscatine	92	60	76	1	0.46	-0.56	13.27	-0.77	1,710	110	
				•	So	uth West Dis	strict	•			
Atlantic	95	56	76	2	0.00	-0.87	10.51	-2.48	1,778	327	
Clarinda	95	62	77	2	0.00	-1.12	11.04	-4.05	1,870	429	
Glenwood	95	63	77	1	0.00	-0.86	9.56	-4.78	1,838	259	
Red Oak	96	63	78 77	2	0.00	-0.99	16.03	0.65	1,948	436	
Sidney	94	64	77	0	0.00	-1.12	9.70	-4.30	1,972	367	
Allantan	South Central District										
AllertonBeaconsfield	94 93	62 63	77 77	2 3	0.04 0.00	-1.01 -0.98	10.29 10.81	-3.79 -3.01	1,758	316 362	
Chariton	93	63	77 77	3	0.80	-0.96 -0.24	12.71	-2.03	1,758 1,803	362 458	
Indianola	96	59	77	3	0.33	-0.24	8.24	-6.09	1,786	437	
Leon	93	62	77	2	0.59	-0.32	12.79	-1.53	1,716	351	
	South East District										
Bloomfield										347	
Burlington	93	63	78	2	0.07	-0.91	10.41	-3.06	1,925	297	
Ottumwa	92	61	77	1	0.13	-0.92	10.53	-2.74	1,850	221	
Washington	93	59	76	-1	0.13	-0.82	13.79	0.54	1,784	241	
Precipitation (rain, melted sn	ow or ice)	in inches	Drecinite	ation Dave	- Dave with pr	ocinitation of	0.01 inch or more	Air Tomporo	tures in Dears	200	

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.