

Crops & Weather

National Agricultural Statistics Service Iowa Field Office

USDA National Agricultural Statistical Service, Iowa Field Office • 210 Walnut, Room 833 • Des Moines, Iowa 50309-2195 Phone 515-284-4340 • 1-800-772-0825 • Fax 515-284-4342 • <u>nass-ia@nass.usda.gov</u> In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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Iowa saw a mix of cooler temperatures and widespread rainfall during the week. Rainfall amounts varied widely with the heaviest precipitation in North East and Southwest Iowa. The week's activities included spraying crops, harvesting oats, cutting hay, and chopping corn.

There were 6.1 days suitable for fieldwork statewide during the past week. Topsoil moisture levels improved to 60 percent very short, 31 percent short, 9 percent adequate, and 0 percent surplus. Subsoil moisture is rated at 70 percent very short, 26 percent short, 4 percent adequate, and 0 percent surplus.

Ninety-four percent of the corn crop has reached the milk stage, ahead of last year's 81 percent and the five year average of 73 percent. Eighty percent of the corn crop has reached dough stage, well ahead of last year's 43 percent and the five year average of 37 percent. Forty-five percent of the corn crop has reached the dent stage, almost two weeks ahead of normal. Seven percent of the corn crop is now mature, almost three weeks ahead of normal. Corn condition declined slightly and now is reported at 22 percent very poor, 29 percent poor, 33 percent fair, 15 percent good, and 1 percent excellent. Pods are being set on 88 percent of the soybean crop. Soybean condition improved for the first time in seven weeks and now is rated 14 percent very poor, 23 percent poor, 38 percent fair, 24 percent good, and 1 percent excellent. Harvest of third cutting of alfalfa hay, at 88 percent complete, is a month ahead of normal.

Only fourteen percent of Iowa's pasture and range land is rated in fair or better condition. Pasture and range condition rated 59 percent very poor, 27 percent poor, 11 percent fair, 3 percent good, and 0 percent excellent. Livestock experienced little to no stress due to seasonable weather during the week.

Crop Conditions as of August 12, 2012

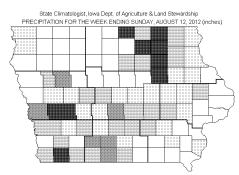
Item	Very Poor	Poor	Fair	Good	Excellent	
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	
Corn	22	29	33	15	1	
Soybeans	14	23	38	24	1	
Pasture & Range	59	27	11	3	0	

Field Work and Crop Progress as of August 12, 2012

For the week ending August 12, 2012

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

The past reporting week began with unseasonably cool weather on Monday (6th) morning when daily record lows were set at a few northeastern Iowa locations. Belle Plaine reported the lowest temperature with a 43 degree minimum. However, excessive heat made a very quick, but relatively brief, return. Highs climbed into the mid 90s over the far west by Monday afternoon with low 100s recorded over the extreme south on Tuesday. Keosauqua was the hot spot with a 103 degree maximum. Much cooler air spread across the state on Wednesday but not before highs reached into the low to mid 90s over the south. This time the cool weather was to last with below normal temperatures prevailing from Wednesday night through the weekend. Daily record low temperatures were set at a few locations on Saturday (11th) morning with Northwood and Mason City reporting lows of 42 degrees while daytime highs managed to climb only into the mid 60s over northern Iowa on Sunday. Temperatures for the week as a whole averaged from one degree above normal over the far southwest to four degrees below normal over the east. Statewide temperatures averaged 2.5 degrees below normal, ending a streak of nine consecutive hotter than normal weeks. Light rain was widespread between Tuesday (7th) evening and Thursday (9th) morning and again from Saturday (11th) night into Sunday (12th). However, rain amounts in excess of one inch were limited to very small parts of southwest Iowa on Wednesday morning and over the northeast on Wednesday night. Rain totals for the week varied from just a trace at Le Mars to 2.49 inches at Ionia in Chickasaw County. The statewide average precipitation was 0.44 inches or a little less than one-half of the weekly normal of 0.96 inches. This was the eighth consecutive drier than normal week for Iowa. An additional statewide average of 0.28 inches of rain fell after the completion of the crop survey on Sunday and will be included in next week's report, with a few southeast Iowa locations receiving more than an inch late Sunday.



1.00 or more 0.75 to 1.00 0.50 to 0.75 00.25 to 0.50 0.25 to 0.50 0.25 or less

Item	Districts									State	Last	Last	5-yr
	NW	NC	NE	WC	С	EC	SW	SC	SE	State	Week	Year	Avg
	(Percent)												
Corn in or past milk stage	93	99	91	98	94	93	98	87	90	94	85	81	73
Corn in or past dough stage	87	83	66	83	80	78	90	68	74	80	65	43	37
Corn in or past dent stage	50	47	32	48	49	37	59	38	38	45	27	10	9
Corn mature (safe from frost)	6	6	1	4	7	14	15	4	6	7	2	0	0
Soybeans setting pods	94	93	84	96	87	88	93	68	71	88	77	80	82
Hay, alfalfa - 3rd cutting	87	84	97	90	90	91	85	80	90	88	80	34	30

Days Suitable & Soil Moisture Condition as of August 12, 2012

Item			State	Last	Last							
liem	NW	NC	NE	WC	С	EC	SW	SC	SE	Slale	Week	Year
	(Days)											
Days suitable	6.5	5.8	6.0	6.2	5.4	5.8	6.3	6.7	6.4	6.1	6.3	5.1
	(Percent)											
Topsoil moisture												
Very short	54	62	54	72	45	33	80	74	75	60	66	11
Short	36	32	32	26	37	43	19	26	22	31	27	32
Adequate	10	6	14	2	18	24	1	0	3	9	7	54
Surplus	0	0	0	0	0	0	0	0	0	0	0	3
Subsoil moisture												
Very short	65	71	63	67	65	66	82	88	71	70	71	6
Short	29	25	30	31	29	30	16	12	26	26	25	27
Adequate	6	4	7	2	6	4	2	0	3	4	4	65
Surplus	0	0	0	0	0	0	0	0	0	0	0	2

Weather Summary For National Agricultural Statistics Service, Iowa Field Office. For the week ending: 7:00 am Sunday, August 12, 2012, Prepared by AWIS, Inc.

ren the neek enang.	Current Week Since April 1										
		Tempe			Precipita	ation	Precipitat	· ·	GDD Base 50F		
Station	High	Low	Avg.	DFN	Total	DFN	Total	DFN	Total	DFN	
		2011	,g.	2		orth West Di		2			
Estherville	92	46	69	-2	0.00	-0.83	13.12	-1.97	2,319	525	
Sioux Center	94	49	71	-3	0.54	-0.17	13.66	-1.43	2,640	485	
Spencer	91	46	70	-2	0.13	-0.78	15.56	-0.31	2,483	559	
Spirit Lake	89	47	69	-3	0.21	-0.58	14.99	-0.02	2,357	466	
					Nor	th Central D	District				
Britt	91	49	68	-4	0.11	-0.68	14.18	-2.64	2,241	396	
Dakota City	94	48	70	-3	0.10	-0.78	12.15	-5.07	2,425	425	
Mason City	94	42	69	-2	0.05	-0.86	10.45	-7.01	2,313	431	
Osage	91	49	68	-4	0.52	-0.46	14.59	-2.99	2,222	424	
				I		orth East Dis	strict				
Decorah	91	47	69	-4	0.62	-0.29	13.16	-3.91	2,394	477	
Dubuque	92	50	68 67	-4	0.03	-0.99	9.39	-8.49	2,281	402	
Elkader Fayette	91 92	44 48	65 67	-7 -5	0.21 0.52	-0.77 -0.46	11.57 15.15	-5.40 -2.74	2,001 2,205	156 491	
Waterloo	92 97	40	71	-2	0.32	-0.40	10.56	-7.66	2,203	491	
	0.			_		st Central D			2,.00		
Carroll	96	49	71	-2	0.24	-0.61	11.76	-6.69	2,524	475	
Castana	95	53	72	-3	0.24	-0.49	14.25	-1.74	2,523	286	
Guthrie Center	99	47	72	-2	0.35	-0.58	11.73	-5.85	2,570	473	
Harlan	97	51	71	-3	0.84	0.09	12.11	-4.80	2,495	475	
Jefferson	96	51	70	-3	0.75	-0.10	9.98	-8.47	2,478	413	
Logan	99	52	73	-2	0.91	0.14	13.19	-3.49	2,617	426	
Rockwell City		53	71	-3	0.24	-0.64	13.15	-4.17	2,429	418	
Sac City	92 95	49 49	69 73	-4 -2	0.40 0.03	-0.44 -0.61	13.11 14.88	-3.77 0.72	2,341 2,717	429 583	
Sioux City	35 49 73 -2 0.03 -0.01 14.88 0.72 2,717 365 Central District										
Deere	00	F 4	74	0				4.00	0.407	200	
Boone Des Moines	93 99	51 56	71 75	-2 0	0.49 0.76	-0.42 -0.18	14.09 14.02	-4.32 -2.86	2,427 3,030	388 762	
Grundy Center	93	48	69	-3	0.09	-0.75	12.13	-5.76	2,383	474	
Marshalltown	92	47	70	-2	0.08	-0.97	7.23	-10.89	2,565	540	
Newton	92	54	69	-5	0.66	-0.18	10.04	-7.24	2,518	289	
Perry	94	51	71	-2	0.36	-0.52	14.21	-3.23	2,543	509	
Toledo	91	49	67	-5	0.33	-0.72	10.78	-7.68	2,300	389	
					Eas	st Central D	istrict				
Cedar Rapids	93	51	69	-4	0.36	-0.55	10.30	-6.80	2,481	371	
Davenport	91	50	69	-5	0.14	-0.84	14.89	-1.98	2,537	220	
Iowa City	95	54	72	-4	0.36	-0.63	12.23	-6.73	2,698	284	
Lowden Maquoketa	94 93	48 48	68 67	-5 -6	0.21 0.17	-0.81 -0.79	11.84 8.75	-7.05 -8.15	2,401 2,197	424 252	
Muscatine	95	51	70	-5	0.32	-0.59	14.38	-3.42	2,466	149	
				-		uth West Di			_,		
Atlantic	100	51	72	-2	0.23	-0.54	10.84	-5.33	2,574	449	
Clarinda	94	52	71	-4	0.97	-0.03	14.92	-4.42	2,654	531	
Glenwood	100	53	73	-2	0.30	-0.54	10.81	-6.89	2,683	374	
Red Oak	99	55	74	-2	0.63	-0.28	17.89	-1.18	2,788	573	
Sidney	100	54	74	-2	0.35	-0.63	10.97	-7.15	2,824	487	
				_	Sou	th Central D	District				
Allerton	101	54	72	-2	0.76	-0.15	12.17	-5.80	2,586	449	
Beaconsfield	96	55	71	-4	0.53	-0.33	13.60	-3.89	2,571	478	
Chariton	99	53	72	-3	0.56	-0.28	14.66	-3.69	2,622	588	
Indianola	100 100	50 51	72 71	-2 -4	0.41 1.12	-0.43 0.14	9.20 14.50	-8.49 -3.58	2,612 2,501	593 450	
Leon	100	51	7 1	-4		outh East Dis		-3.50	2,001	400	
Plaamfield	400	50	70					7 00	0.077	407	
Bloomfield Burlington	100 99	53 53	72 73	-3 -2	0.14 0.06	-0.84 -0.78	10.92 10.96	-7.22 -6.12	2,677 2,747	467 386	
Ottumwa	99 100	53 49	73 72	-2 -4	0.06	-0.78 -0.70	10.96	-6.12	2,747 2,665	386 297	
Washington	95	49 51	72	-4	0.13	-0.70	15.20	-1.51	2,003	305	
Precipitation (rain, melted sr											

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.