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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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For the week ending June 30, 2013

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Warmer and mostly drier conditions during the week ending June 30, 2013 allowed Iowa farmers to near completion of corn and soybeans planting, according to the USDA, National Agricultural Statistics Service. Statewide there was an average of 4.1 days suitable for fieldwork during the week, only the third week of the year with more than 4 days suitable. The 5.4 days suitable for fieldwork in Northwest Iowa were the most in the state, and Northeast Iowa had the least amount with 2.9 days suitable.

Moisture levels for both topsoil and subsoil saw movement from the surplus rating into the adequate rating. Topsoil moisture levels rated 0 percent very short, 1 percent short, 66 percent adequate and 33 percent surplus. Subsoil moisture levels rated 0 percent very short, 2 percent short, 67 percent adequate and 31 percent surplus.

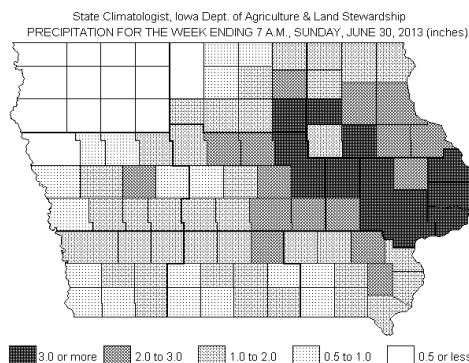
With 99 percent of the corn crop in the ground, Iowa farmers have virtually wrapped up planting. Ninety-six percent of the corn crop has emerged, about 3 weeks behind normal. The warmer weather helped the condition of corn and the good to excellent rating increased 3 percentage points from last week. Corn condition was rated 3 percent very poor, 11 percent poor, 29 percent fair, 44 percent good and 13 percent excellent. Ninety-six percent of the soybean crop has been planted, about two weeks later than it normally takes soybeans to reach that mark. Eighty-nine percent of the soybean crop has emerged; 8 percentage points behind the five-year average. Soybeans also benefitted from the warmer weather, with condition ratings improving slightly, to 3 percent very poor, 9 percent poor, 32 percent fair, 45 percent good and 11 percent excellent. Eighty-four percent of the oat crop was headed, only 3 percentage points behind the normal 87 percent headed. Seven percent of the oat crop has turned color, well behind last year's 63 percent and the five-year average of 28 percent. The oat condition rated 1 percent very poor, 6 percent poor, 26 percent fair, 55 percent good and 12 percent excellent.

Farmers continued to make good progress harvesting alfalfa, and the 1st cutting of alfalfa now stands at 89 percent complete, 2 percentage points ahead of normal. Hay condition was rated at 1 percent very poor, 3 percent poor, 26 percent fair, 54 percent good and 16 percent excellent. Pasture and range conditions rated 0 percent very poor, 4 percent poor, 24 percent fair, 48 percent good and 24 percent excellent.

### IOWA PRELIMINARY WEATHER SUMMARY

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

Rainfall amounts were highly variable across Iowa for the past reporting week. The bulk of the precipitation came early in the period. Light to moderate rain fell over much of the state on Sunday (23<sup>rd</sup>) and statewide on Monday (24<sup>th</sup>) with heavy rain over parts of eastern Iowa. There was scattered light to moderate rain on Tuesday (25<sup>th</sup>) with scattered rain over the west and moderate to heavy rain over the east on Wednesday (26<sup>th</sup>). Light rain fell across the southwest one-third of the state on Thursday (27<sup>th</sup>) while Friday (28<sup>th</sup>) was dry in most areas. Some rain fell over far northeast Iowa Friday night with showers and thunderstorms over much of the state on Saturday (29<sup>th</sup>), with greatest amount again in the east. Dry weather returned statewide on Sunday (30<sup>th</sup>). Weekly rain totals varied from only 0.03 inches at Sibley in northwest Iowa to 8.59 inches at Lowden in Cedar County. The statewide average precipitation was 1.72 inches while normal for the week is 1.16 inches. Meanwhile temperatures were a little below normal on Monday thanks to widespread cloud cover while warm and humid air prevailed from Tuesday through Thursday. Lower temperatures and humidity prevailed over the weekend. Temperature extremes for the week ranged from a Wednesday afternoon high of 93 degrees at Des Moines to Sunday (30<sup>th</sup>) morning lows of 52 degrees at Mason City, Sheldon and Grundy Center. Temperatures for the week as a whole averaged 0.9 degrees above normal.



### Crop Conditions as of June 30, 2013

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn .....	3	11	29	44	13
Soybeans .....	3	9	32	45	11
Oats .....	1	6	26	55	12
Hay, all .....	1	3	26	54	16
Pasture & Range .....	0	4	24	48	24

### Field Work and Crop Progress as of June 30, 2013

Item	Districts										State	Last Week	Last Year	5-yr Avg	
	NW	NC	NE	WC	C	EC	SW	SC	SE						
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn emerged .....	99	88	91	99	95	99	99	98	97	96	93	100	100		
Soybeans planted .....	98	89	92	98	96	99	97	97	97	96	90	100	99		
Soybeans emerged .....	92	72	83	95	88	97	93	88	91	89	75	100	97		
Oats headed .....	86	82	75	83	88	90	93	83	92	84	67	99	87		
Oats turned color .....	1	1	2	1	11	13	6	10	13	7	NA	63	28		
Hay, alfalfa - 1st cutting .....	93	84	86	96	94	98	80	84	94	89	72	100	87		

### Days Suitable & Soil Moisture Condition as of June 30, 2013

Item	Districts										State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)
Days suitable .....	5.4	3.2	2.9	4.4	4.2	3.4	3.7	5.1	3.8	4.1	4.3	6.3	
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	
Topsoil moisture													
Very short .....	0	0	0	0	0	0	0	0	0	0	0	26	
Short .....	2	1	0	2	1	1	3	2	1	1	1	44	
Adequate .....	80	62	45	66	71	61	68	77	63	66	59	30	
Surplus .....	18	37	55	32	28	38	29	21	36	33	40	0	
Subsoil moisture													
Very short .....	0	0	0	0	0	0	0	0	0	0	0	23	
Short .....	3	0	0	3	1	0	3	1	2	2	1	48	
Adequate .....	79	61	48	76	65	64	73	74	64	67	65	29	
Surplus .....	18	39	52	21	34	36	24	25	34	31	34	0	

**Weather Summary For National Agricultural Statistics Service, Iowa Field Office.**  
**For the week ending: 7:00 am Sunday, June 30, 2013, Prepared by AWIS, Inc.**

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										
Estherville .....	89	55	74	4	0.06	-0.85	12.89	2.70	869	11
Sioux Center .....	89	56	75	3	0.15	-0.86	18.55	8.23	994	-114
Spencer .....	89	54	74	4	0.18	-0.73	16.76	6.61	905	-25
Spirit Lake .....	89	55	74	4	0.25	-0.73	10.49	0.62	883	-32
North Central District										
Britt .....	87	54	72	0	0.45	-0.62	19.73	8.69	833	-72
Dakota City .....	89	55	73	1	1.51	0.44	20.42	9.06	920	-85
Mason City .....	88	52	73	3	1.15	0.10	21.25	9.68	890	-19
Osage .....	85	54	71	-1	1.14	0.13	28.53	16.99	813	-44
North East District										
Decorah .....	86	54	72	1	1.20	0.22	28.54	17.03	943	13
Dubuque .....	86	60	72	3	1.79	0.88	20.24	8.13	935	27
Elkader .....	85	56	71	0	1.91	1.00	26.26	15.23	802	-83
Fayette .....	85	56	72	2	2.76	1.74	24.77	13.06	863	55
Waterloo .....	87	57	73	2	1.73	0.62	22.95	11.10	1,002	12
West Central District										
Carroll .....	90	56	74	2	0.96	-0.16	18.10	5.56	950	-42
Castana .....	90	57	74	2	0.67	-0.28	16.93	5.55	926	-209
Guthrie Center .....	89	57	74	2	1.50	0.46	23.63	11.31	980	-46
Harlan .....	89	56	73	0	2.84	1.86	21.42	9.56	949	-33
Jefferson .....	89	57	74	2	0.65	-0.47	21.28	8.74	963	-38
Logan .....	90	55	74	0	0.33	-0.63	13.84	2.09	1,023	-63
Rockwell City .....	88	57	73	-1	1.78	0.73	20.66	9.30	928	-52
Sac City .....	88	55	73	1	0.65	-0.36	17.48	5.84	859	-48
Sioux City .....	91	56	76	3	0.78	-0.06	13.28	3.56	1,026	-37
Central District										
Boone .....	88	56	72	1	0.91	-0.23	19.89	6.87	937	-58
Des Moines .....	93	62	77	4	0.88	-0.14	17.08	5.60	1,241	114
Grundy Center .....	87	52	72	2	1.86	0.81	23.78	11.94	941	25
Marshalltown .....	90	57	74	2	3.05	1.95	26.40	14.43	1,036	46
Newton .....	90	58	74	2	2.80	1.79	22.16	10.17	1,001	-109
Perry .....	90	57	74	3	1.08	0.03	19.49	7.34	993	-1
Toledo .....	87	57	72	0	2.46	1.41	25.42	13.22	923	7
East Central District										
Cedar Rapids .....	86	60	73	2	4.17	3.12	22.21	10.76	1,065	16
Davenport .....	88	62	74	1	3.87	2.89	19.52	8.25	1,138	-26
Iowa City .....	88	62	75	0	4.05	2.93	21.18	8.91	1,142	-98
Lowden .....	89	61	73	2	8.59	7.48	28.30	15.61	1,041	62
Maquoketa .....	87	61	73	2	3.63	2.61	17.63	6.01	947	3
Muscatine .....	87	61	74	-1	4.27	3.22	21.29	9.51	1,103	-84
South West District										
Atlantic .....	89	55	73	1	1.13	0.19	16.73	5.69	978	-84
Clarinda .....	90	55	74	-1	0.94	-0.18	17.25	4.62	1,063	13
Glenwood .....	91	56	74	0	1.01	-0.01	16.95	4.59	1,043	-122
Red Oak .....	92	56	74	-2	1.03	-0.14	18.97	5.87	1,089	-18
Sidney .....	92	60	75	1	0.45	-0.56	13.90	2.29	1,100	-85
South Central District										
Allerton .....	89	58	74	2	2.16	1.11	22.53	10.75	993	-54
Beaconsfield .....	88	57	73	1	0.71	-0.34	19.54	7.92	968	-35
Chariton .....	90	58	74	2	1.34	0.22	19.90	7.51	967	8
Indianola .....	89	59	74	2	1.08	0.04	18.11	5.81	1,060	89
Lamoni .....	90	58	75	2	0.66	-0.27	17.59	5.62	1,129	44
South East District										
Bloomfield .....	89	62	77	3	0.98	0.00	19.56	7.70	1,139	50
Burlington .....	89	62	76	3	1.43	0.45	18.88	7.54	1,233	17
Ottumwa .....	89	61	75	0	0.74	-0.20	20.79	9.74	1,129	-78
Washington .....	88	60	74	-1	2.98	2.00	19.75	8.61	1,085	-50

<sup>0</sup> 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 2013: AWIS, Inc. All Rights Reserved.