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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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For the week ending May 19, 2013

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Iowa farmers made significant progress planting crops during the week ending May 19, 2013 according to the USDA, National Agricultural Statistics Service. The best weather of year for fieldwork allowed producers to rapidly advance their planting pace, especially for corn. The good weather held in most areas till late in the week, when severe storms were seen across much of Iowa. There was an average of 5.3 days suitable for fieldwork during the week, over twice the days suitable for fieldwork in any previous week this year.

Topsoil moisture levels rated 0 percent very short, 3 percent short, 71 percent adequate and 26 percent surplus. Statewide, subsoil moisture levels rated 2 percent very short, 13 percent short, 72 percent adequate and 13 percent surplus, although ratings in Northwest Iowa still show nearly 30 percent in the short to very short categories.

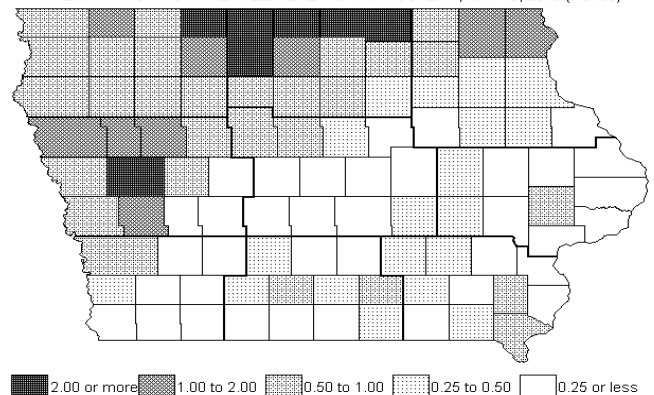
By the end of the week, 71 percent of Iowa's corn acreage had been planted, an increase of 56 percentage points from last week. Even though farmers planted at a near record pace, progress still lags behind last year's 97 percent and the five-year average of 92 percent. Thirteen percent of the corn crop has emerged, well behind last year's 77 percent and the normal of 58 percent. Soybean planting was 16 percent complete, behind last year's 78 percent and the five-year average of 59 percent. One percent of the soybean crop has emerged. Oat planting, at 98 percent, was nearly complete and 71 percent of the crop has emerged. Oat condition was rated 0 percent very poor, 3 percent poor, 30 percent fair, 61 percent good and 6 percent excellent.

Pasture and range conditions continued to show improvement and were rated 3 percent very poor, 10 percent poor, 33 percent fair, 45 percent good and 9 percent excellent. Hay supplies were still tight across Iowa.

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

Iowa received a welcome break from the recent wet weather with mostly dry weather prevailing from Sunday (12th) through Wednesday (15th). However, far southeast Iowa saw some light rain Wednesday night while rain was scattered over much of the state Thursday afternoon to Friday morning. Locally heavy rain fell across portions of extreme northern Iowa Thursday night. Dry weather again prevailed through most of the day on Friday and through Saturday. Thunderstorms brought rain to most of Iowa Sunday (19th) morning. Widespread thunderstorm activity, with numerous severe storms, impacted the state Sunday afternoon and Sunday night, however, this latest activity will be included in next week's summary. Rain totals for the week through 7 a.m. Sunday varied from none across portions of central and east central Iowa at locations such as Perry, Des Moines, Maquoketa and Davenport to 3.80 inches at Lake Mills. The statewide average precipitation was 0.56 inches or about one-half the weekly normal of 1.05 inches. Temperatures were well below normal Monday (13th) morning with several record low temperatures set over eastern Iowa with the cold spot at Elkader with a 27 degree reading. However, much warmer air quickly returned by Monday afternoon with Sioux City reporting Iowa's first ninety degree temperature of the year. Exceptionally hot air prevailed on Tuesday (14th) with all but a small area of southeast Iowa climbing to ninety degrees or higher. Triple-digit temperatures prevailed over the northwest with Sioux City reaching 106 degrees. This was a new record high for the month of May at Sioux City and only during the last three days of 1934 has any location in Iowa seen higher temperatures during the month. Clinton followed a daily record low of 33 degrees on May 13 with a new record high on the 14th at 93 degrees. Their sixty degree rise in temperatures tied for the largest day-to-day increase in temperatures at that location among 121 years of record at that location (for any time of the year). Temperatures for the remainder of the week were not as warm, but were still well above normal readings for the season with highs mostly in the 80's. Temperatures for the week as a whole averaged 8.4 degrees above normal.

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
PRECIPITATION FOR THE WEEK ENDING 7 A.M. SUNDAY, MAY 19, 2013 (inches)



Crop Conditions as of May 19, 2013

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Oats	0	3	30	61	6
Pasture & Range	3	10	33	45	9

Field Work and Crop Progress as of May 19, 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)
Corn planted	79	62	60	78	73	80	73	68	61	71	15	97	92	
Corn emerged	11	8	12	16	14	16	17	15	12	13	1	77	58	
Soybeans planted	11	10	20	14	21	21	23	18	11	16	1	78	59	
Soybeans emerged	0	0	0	1	1	1	1	1	1	1	0	23	13	
Oats planted	96	97	97	97	99	99	99	99	97	98	81	100	98	
Oats emerged	71	59	53	81	67	87	86	79	72	71	45	98	88	

Days Suitable & Soil Moisture Condition as of May 19, 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	4.8	5.0	5.0	4.9	5.7	5.7	5.9	5.6	5.4	5.3	1.6	6.6	
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	
Topsoil moisture													
Very short	2	0	0	1	0	0	0	0	0	0	1	7	
Short	4	0	4	1	0	1	10	3	3	3	4	37	
Adequate	81	70	64	84	64	73	76	61	61	71	68	55	
Surplus	13	30	32	14	36	26	14	36	36	26	27	1	
Subsoil moisture													
Very short	7	1	0	3	1	0	3	2	1	2	4	6	
Short	22	16	15	14	8	5	18	10	9	13	20	24	
Adequate	64	70	68	76	73	82	76	72	64	72	63	67	
Surplus	7	13	17	7	18	13	3	16	26	13	13	3	

Weather Summary For National Agricultural Statistics Service, Iowa Field Office. For the week ending: 7:00 am Sunday, May 19, 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	104	37	68	10	1.95	1.22	7.33	2.59	213	39
Sioux Center	102	44	72	12	0.66	-0.10	6.24	1.86	254	-41
Spencer	103	37	69	11	1.09	0.27	7.23	2.39	225	18
Spirit Lake	97	45	69	12	0.73	0.04	4.83	0.60	213	7
North Central District										
Britt	101	31	65	5	0.56	-0.22	10.84	5.72	193	11
Dakota City	99	37	67	7	0.87	0.03	8.98	3.77	224	-17
Mason City	99	34	65	8	0.79	-0.12	10.72	5.38	214	15
Osage	97	38	63	5	2.43	1.55	13.53	7.93	188	4
North East District										
Decorah	94	29	67	7	1.56	0.72	12.08	6.39	254	34
Dubuque	90	32	63	6	0.01	-0.97	11.85	5.55	246	36
Elkader	94	27	60	2	0.00	-0.91	10.75	5.18	180	-29
Fayette	95	32	63	4	0.15	-0.78	12.04	6.25	210	48
Waterloo	96	32	66	6	0.08	-0.83	10.36	4.63	262	34
West Central District										
Carroll	100	33	67	7	0.38	-0.60	8.54	2.71	226	-2
Castana	101	37	67	7	1.17	0.22	8.90	3.75	218	-96
Guthrie Center	97	36	67	7	0.00	-0.95	11.96	6.23	242	-9
Harlan	98	41	67	6	0.96	-0.02	10.31	4.67	220	-7
Jefferson	101	35	67	7	0.01	-0.97	9.24	3.41	229	-9
Logan	101	33	69	7	0.50	-0.54	6.32	0.75	251	-28
Rockwell City	101	33	67	6	0.92	0.01	9.32	4.15	228	9
Sac City	99	39	66	7	1.30	0.35	8.60	3.32	202	6
Sioux City	106	40	70	9	0.89	0.05	7.85	3.38	256	-18
Central District										
Boone	98	35	67	7	0.09	-0.90	10.08	4.19	233	-13
Des Moines	94	43	71	9	0.00	-0.81	9.57	4.08	356	53
Grundy Center	97	32	65	7	0.00	-0.94	10.15	4.49	233	40
Marshalltown	95	34	67	8	0.15	-0.75	9.85	4.31	270	44
Newton	95	34	66	5	0.20	-0.76	8.65	2.91	244	-41
Perry	98	40	67	7	0.17	-0.78	10.47	4.88	234	1
Toledo	94	32	64	6	0.04	-0.95	10.87	5.02	224	21
East Central District										
Cedar Rapids	94	34	67	7	0.04	-0.80	11.71	6.36	296	35
Davenport	92	35	67	7	0.00	-0.84	9.11	3.70	332	27
Iowa City	93	34	67	5	0.17	-0.74	12.53	6.38	318	-36
Lowden	93	31	65	6	0.72	-0.20	14.23	8.00	268	42
Maquoketa	92	31	63	4	0.00	-0.84	10.21	4.81	237	28
Muscatine	91	34	65	4	0.14	-0.76	12.56	6.72	306	-29
South West District										
Atlantic	97	31	66	6	0.03	-0.85	8.65	3.35	234	-35
Clarinda	97	40	68	7	0.60	-0.45	7.79	1.64	267	4
Glenwood	98	38	67	6	0.35	-0.74	7.40	1.67	253	-62
Red Oak	98	34	69	6	0.12	-0.88	7.17	1.09	279	-10
Sidney	95	37	68	6	0.23	-0.75	6.03	0.33	267	-56
South Central District										
Allerton	90	37	65	4	0.29	-0.62	11.40	5.64	249	-23
Beaconsfield	90	34	65	5	0.09	-0.82	12.78	7.13	244	-1
Chariton	90	29	64	4	0.40	-0.51	8.93	3.02	228	1
Indianola	94	37	68	7	0.02	-0.89	10.93	4.88	272	34
Lamoni	89	45	68	7	0.00	-1.02	9.23	2.95	320	42
South East District										
Bloomfield	91	36	67	5	0.22	-0.76	10.16	4.11	287	0
Burlington	89	37	68	7	0.19	-0.65	9.61	3.84	361	4
Ottumwa	91	38	67	5	0.17	-0.74	11.04	5.34	318	-20
Washington	92	34	66	4	0.15	-0.76	11.40	5.80	292	-22

⁰ 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.

