

Iowa Crops & Weather



Iowa Agricultural Statistics
 210 Walnut, Room 833 • Des Moines, Iowa 50309-2195
 515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • nass-ia@nass.usda.gov
 To access NASS reports - <http://www.usda.gov/nass/>



Issued June 1, 2004

Vol. 04-13

For the week ending May 30, 2004

Rain Continues Throughout Iowa

Agricultural Summary: Most of Iowa experienced rain last week, slowing fieldwork. Continued rain prompted reports of ponding in fields, soil erosion, flooding, and yellowing of crops. The rain has caused oats and hay to lean over, as well as leaching of nitrogen from cornfields.

There were 1.5 **days suitable for fieldwork**, compared to 2.6 days the previous week and 5.9 days last year at this time. **Topsoil moisture** rated 53 percent adequate and 47 percent surplus across Iowa. **Subsoil moisture** rated 5 percent short, 62 percent adequate, and 33 percent surplus.

Field Crops Report: **Corn condition** was rated 3 percent very poor, 7 percent poor, 25 percent fair, 49 percent good, and 16 percent excellent. Growers expect to **replant** 5 percent of all corn acres in the state. **Soybean planting** was 92 percent, compared to 87 percent the previous week, and 1 week ahead of the 5-year average of 82 percent. **Soybean emergence** was at 78 percent, compared to 57 percent the previous week, and ahead of the 5-year average of 45 percent. Growers expect to **replant** 5 percent of all soybean acres in the state. The oat acreage headed was 10 percent, compared to 2 percent the previous week. **Oat condition** was rated 5 percent poor, 26 percent fair, 53 percent good, and 16 percent excellent. The **first cutting of alfalfa** was 14 percent complete. **Hay condition** was 1 percent very poor, 3 percent poor, 19 percent fair, 56 percent good, and 21 percent excellent.

Livestock, Pasture and Range Report: **Pasture and range** was rated 1 percent very poor, 3 percent poor, 19 percent fair, 57 percent good, and 20 percent excellent.

Iowa Weather Summary

It was another very wet week across Iowa. The work week began with rain falling statewide on Monday (24th). The heaviest Monday rainfall

was in southwest and central Iowa with 3.18 inches at Van Meter. Dry weather prevailed in most areas on Tuesday (25th) and Wednesday (26th). Thunderstorms moved across far southern Iowa during the day on Thursday (27th) with 2.33 inches reported at Shenandoah. Thunderstorms were widespread over the northern one-half of Iowa on Friday (28th) night into Saturday (29th) morning with 2.77 inches falling at Mason City. Thunderstorms rumbled statewide again from Saturday night into Sunday (30th) afternoon. Heaviest rains this time were in southern Iowa where 4.37 inches fell at Fairfield. Finally, showers and thunderstorms redeveloped Sunday night into Monday (31st) morning; however, rain amounts were mostly light. Weekly rain totals varied from 0.41 inches at Everly to 6.41 inches at Shenandoah. The statewide average precipitation was 2.40 inches, more than double the weekly normal of 1.03 inches. The rainfall of the past two weeks has averaged 6.17 inches, the highest two-week total since 7.16 inches fell during the 2 weeks ending July 12, 1993. The preliminary statewide average rainfall for May 2004 is 7.86 inches or 3.63 inches above normal. This is the highest May total since 1908 and fourth highest May total among 132 years of state records.

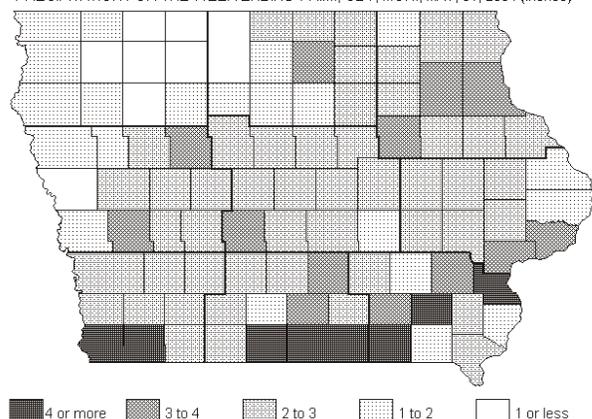
Temperatures over the past week averaged about 5 degrees below normal from Monday (24th) through Wednesday (26th) with Sanborn and Sibley reporting 41 degree minimums on Wednesday morning. Temperatures for the remainder of the week averaged near to slightly warmer than usual with Sioux City reporting the highest temperature with an 88 degree reading on Saturday (29th). Temperatures for the week as a whole averaged from 1.9 degrees above normal at Burlington to 3.3 degrees below normal at Mason City. The statewide average temperature was 1.1 degrees below normal for the week.

Finally, severe weather was again frequent and widespread. A total of 33 counties, mostly across the southwest one-half of Iowa, reported severe weather on Monday (24th). Severe weather was reported each day from Thursday (27th) through Sunday (30th) with anywhere from 7 to 15 counties involved daily.

Statewide Crop Conditions as of May 30, 2004

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	7	25	49	16
Hay, all	1	3	19	56	21
Oats	0	5	26	53	16
Range & Pasture	1	3	19	57	20

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
 PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON., MAY, 31, 2004 (inches)



Field Work and Crop Progress as of May 30, 2004

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent				
Soybeans planted	97	94	86	89	96	88	91	87	95	92	87	83	82
Soybeans emerged	72	86	76	71	83	72	75	84	88	78	57	31	45
Oats headed	1	3	3	10	23	5	20	20	16	10	2	5	1
Hay, alfalfa - first crop harvested	6	16	17	10	15	17	17	10	20	14	4	23	19

Days Suitable & Soil Moisture Condition as of May 30, 2004

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 suitable	1.8	0.6	1.0	2.3	0.6	1.6	2.0	1.3	2.4	1.5	2.6	5.9
	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	1
Short	1	0	0	0	0	0	0	1	1	0	3	10
Adequate	71	45	29	65	46	38	48	58	74	53	62	79
Surplus	28	55	71	35	54	62	52	41	25	47	35	10
Subsoil moisture												
Very short	2	0	0	0	0	0	0	1	1	0	1	1
Short	8	5	3	4	0	1	7	8	6	5	11	8
Adequate	78	44	47	78	50	51	68	58	81	62	68	82
Surplus	12	51	50	18	50	48	25	33	12	33	20	9

**Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, May 30, 2004**

STATION	CURRENT WEEK				SINCE APRIL 1				CURRENT WEEK	
	TEMPERATURE			PRECIPITATION	PRECIPITATION			GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
North West District										
Estherville	76	43	59	-5	0.79	-0.05	7.32	1.27	65	-24
Sioux Center	85	44	63	-3	2.49	1.58	8.47	2.66	92	-11
Spencer	82	43	61	-3	0.69	-0.15	6.40	0.20	80	-16
Spirit Lake	76	43	59	-4	0.49	-0.34	6.86	1.33	65	-47
North Central District										
Britt	75	44	59	-7	1.26	0.38	9.19	2.67	61	-44
Humboldt	77	46	59	-7	1.33	0.39	9.57	2.88	65	-33
Mason City	74	42	60	-4	3.37	2.37	15.97	9.01	69	-24
Northwood	73	43	57	-7	3.18	2.28	14.37	7.79	52	-41
North East District										
Decorah	77	41	59	-5	2.04	1.13	13.66	6.52	68	-30
Dubuque	77	42	60	-3	0.97	-0.01	7.28	-0.59	73	-16
Elkader	76	44	59	-5	2.83	1.92	11.17	4.13	65	-47
Independence	76	45	60	-4	2.04	1.09	11.36	4.16	68	-49
Waterloo	78	46	63	-2	2.74	1.76	9.62	2.33	91	-9
West Central District										
Audubon	82	47	63	-4	2.40	1.37	12.33	4.86	92	-20
Carroll	83	47	62	-3	2.55	1.49	9.13	1.60	85	-15
Castana	84	48	62	-4	1.00	-0.05	6.29	-0.54	86	-14
Guthrie Center	82	48	63	-3	2.45	1.38	11.97	4.56	89	-14
Harlan	83	48	63	-3	3.26	2.21	10.76	3.42	93	-13
Jefferson	82	47	62	-3	2.71	1.65	10.43	2.90	86	-14
Logan	85	47	64	-2	1.62	0.56	9.22	1.92	102	-11
Rockwell City	80	46	60	-6	3.77	2.78	10.26	3.48	72	-38
Sioux City	88	49	64	-2	1.12	0.21	5.19	-0.75	101	-9
Central District										
Ames	80	47	63	-1	1.88	0.82	10.64	3.09	93	-5
Boone	81	45	62	-4	2.11	0.97	9.23	1.55	85	-17
Des Moines	82	51	65	-2	2.35	1.42	11.34	4.42	107	-8
Eldora	78	46	61	-4	2.68	1.65	9.74	2.57	79	-22
Marshalltown	80	46	63	-2	2.06	1.05	10.67	3.55	93	-6
Newton	81	49	63	-3	2.50	1.47	10.96	3.58	94	-15
Perry	82	49	62	-3	2.11	1.05	11.91	4.64	89	-13
Toledo	79	46	61	-3	1.98	0.93	8.20	0.64	80	-16
East Central District										
Cedar Rapids	80	46	64	-2	1.80	0.87	7.86	1.06	97	-8
Davenport	81	47	64	-3	1.58	0.66	9.32	2.49	96	-16
Iowa City	81	48	65	-3	1.29	0.36	7.18	-0.44	108	-11
Lowden	80	44	61	-4	1.13	0.12	7.90	0.07	82	-23
Maquoketa	77	44	60	-4	0.88	-0.08	7.11	0.21	69	-27
Muscatine	80	50	64	-3	0.75	-0.18	7.05	-0.26	98	3
South West District										
Clarinda	80	50	64	-3	4.06	2.96	10.43	2.51	100	-12
Glenwood	84	48	65	-2	2.85	1.70	8.02	0.42	109	-5
Oakland	82	48	64	-2	1.67	0.65	9.77	2.82	98	-8
Red Oak	82	50	65	-3	2.92	1.81	9.00	1.16	110	-11
Sidney	82	50	65	-2	3.27	2.29	10.45	3.16	110	-11
South Central District										
Allerton	78	49	63	-3	4.04	3.06	7.79	0.48	93	11
Beaconsfield	79	50	64	-2	2.84	1.88	8.35	1.19	96	-9
Chariton	80	46	64	-2	3.01	2.01	7.50	0.03	97	-6
Indianola	80	48	63	-2	2.01	1.02	9.33	1.71	96	-11
Leon	80	47	64	-2	4.32	3.27	10.13	2.24	98	-8
South East District										
Bloomfield	81	50	65	-3	4.27	3.29	8.05	0.42	102	-15
Burlington	85	52	69	4	0.83	-0.08	5.14	-2.03	138	23
Ottumwa	80	48	66	-2	2.47	1.58	5.74	-1.40	112	-7

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 2004: AWIS, Inc. All Rights Reserved.