

Iowa Crops & Weather



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Issued June 20, 2005

Vol. 05-16

For the week ending June 19, 2005

Crops Improve From Recent Conditions

Warm, drier conditions improved crop conditions and sped development of corn and soybeans this past week. Several reporters commented on the rapid corn growth. Farmers were busy spraying corn and soybean fields, cultivating corn and putting up hay.

There were 5.9 **days suitable for fieldwork**, compared to 3.5 days the previous week and 3.2 days last year at this time. **Topsoil moisture** rated 1 percent very short, 16 percent short, 78 percent adequate, and 5 percent surplus across Iowa. **Subsoil moisture** rated 2 percent very short, 13 percent short, 77 percent adequate, and 8 percent surplus.

Field Crops Report: **Corn condition** was rated 1 percent very poor, 3 percent poor, 18 percent fair, 57 percent good, and 21 percent excellent. The corn stand was rated at 94 percent of normal, with an average height of 23 inches. **Soybean emergence** was at 99 percent, compared to 90 percent the previous week and 94 percent for the 5-year average. **Soybean condition** was rated 1 percent very poor, 4 percent poor, 24 percent fair, 55 percent good, and 16 percent excellent. Growers reported 5 percent of all soybean acres in the state have been or will be **replanted**. The **oat acreage headed** was 81 percent, compared to 53 percent the previous week and 16 percentage points ahead of the 5-year average of 65 percent. **Oat condition** was rated 3 percent poor, 16 percent fair, 62 percent good, and 19 percent excellent. The **first cutting of alfalfa** was 91 percent complete, compared to 72 percent the previous week and 81 percent last year. **Hay condition** was 1 percent very poor, 3 percent poor, 22 percent fair, 60 percent good, and 14 percent excellent.

Livestock, Pasture, and Range Report: Overall, livestock conditions were good as feedlots were able to dry out this past week. Minor

heat stress was noted as temperatures climbed. **Pasture and range condition** was rated 5 percent poor, 19 percent fair, 64 percent good, and 12 percent excellent.

Iowa Weather Summary

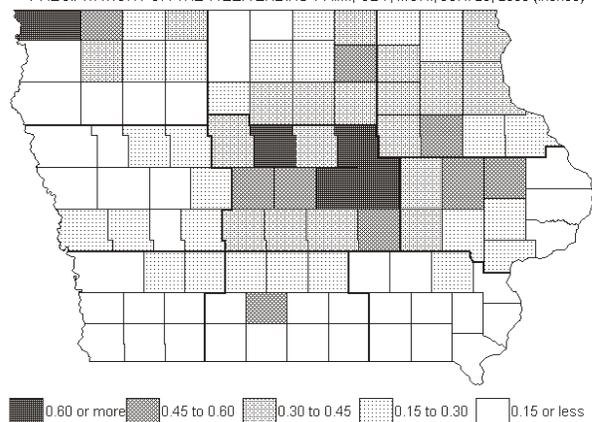
The past work week began with warm and humid conditions on Monday (13th) with thunderstorms scattered across much of the state. Tuesday (14th) and Wednesday (15th) brought light rain to portions of northeast Iowa with highs into the 80's in the far west and in the 70's elsewhere. No rain fell anywhere in Iowa after Wednesday. Temperatures gradually warmed through the remainder of the week. Highs were in the mid 70's to mid 80's on Thursday (16th) and reached the low 90's in the extreme west by Sunday (19th) with 80's elsewhere. Relatively dry air was in place for much of the mid and late week, allowing temperatures to fall off into the 50's at night in most areas with a few 40's as well. Temperature extremes for the week ranged from lows of 45 degrees at Elkader on Thursday, Friday and Saturday, as well as at Cresco on Friday morning, to a high of 91 degrees at Sioux City on Sunday (19th). Temperatures for the week as a whole averaged from 4.4 degrees below normal at Ottumwa to 2.6 degrees above normal at Sioux City. The statewide averaged temperature was 1.0 degrees below normal for the week.

Rainfall amounts were on the light side in nearly all areas. Conrad (Grundy Co.) reported the most rain with 1.11 inches while several western and southern Iowa locations such as Sioux City, Glenwood, Ottumwa and Burlington reported no rain during the week. The statewide average precipitation was 0.25 inches or less than one-fourth of the weekly average of 1.10 inches. This was Iowa's driest week in 8 weeks.

Statewide Crop Conditions as of June 19, 2005

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	1	3	18	57	21
Hay, all	1	3	22	60	14
Oats	0	3	16	62	19
Range & Pasture	0	5	19	64	12
Soybeans	1	4	24	55	16

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
 PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON., JUN. 20, 2005 (inches)



Field Work and Crop Progress as of June 19, 2005

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Corn, average tallest height	26	25	26	36	34	34	35	43	42	32	NA	NA	NA
Corn, average height	19	17	17	24	26	26	25	30	30	23	NA	NA	NA
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn stand (normal = 100%)	94	89	97	94	96	98	92	95	94	94	93	94	NA
Oats headed	50	52	78	82	87	85	97	93	90	81	53	77	65
Hay, alfalfa - first crop harvested	78	87	89	85	91	97	87	93	95	91	72	81	74

NA=not available

Days Suitable & Soil Moisture Condition as of June 19, 2005

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	5.7	5.7	6.1	5.6	5.7	6.3	6.0	6.5	6.2	5.9	3.5	3.2
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	0	2	2	1	3	5	0	0	0	1	1	0
Short	14	6	17	8	19	30	5	8	20	16	4	0
Adequate	76	89	75	88	74	64	88	82	72	78	75	71
Surplus	10	3	6	3	4	1	7	10	8	5	20	29
Subsoil moisture												
Very short	0	0	6	1	0	10	0	0	0	2	1	0
Short	3	5	22	14	17	22	8	5	18	13	6	3
Adequate	82	84	65	81	77	67	85	84	75	77	77	74
Surplus	15	11	7	4	6	1	7	11	7	8	16	23

**Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, June 19, 2005**

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	86	50	68	0	0.31	-0.67	8.22	-0.50	127	0
Sioux Center	88	54	70	0	0.28	-0.78	9.68	0.97	144	1
Spencer	88	51	69	1	0.12	-0.79	10.00	1.28	137	3
Spirit Lake	90	55	70	2	0.39	-0.66	10.85	2.56	141	-10
North Central District										
Britt	85	53	68	-3	0.23	-0.82	14.00	4.63	127	-16
Humboldt	84	55	67	-4	0.22	-0.88	9.74	0.09	122	-15
Mason City	86	50	68	-1	0.29	-0.79	13.22	3.30	129	-1
Northwood	84	52	68	-2	0.34	-0.64	12.65	3.37	124	-7
North East District										
Decorah	84	47	69	-1	0.24	-0.80	8.54	-1.41	132	0
Dubuque	84	49	68	-1	0.07	-0.91	6.61	-4.03	124	-3
Elkader	85	45	66	-3	0.65	-0.26	7.52	-2.08	115	-35
Independence	84	51	68	0	1.00	-0.05	10.87	0.77	132	-23
Waterloo	84	50	68	-2	0.34	-0.71	7.79	-2.35	127	-9
West Central District										
Audubon	82	51	67	-5	0.45	-0.53	12.26	1.93	119	-31
Carroll	85	53	69	-2	0.07	-1.12	9.01	-1.75	132	-7
Castana	83	56	68	-3	0.09	-0.96	11.67	1.83	130	-7
Guthrie Center	84	49	68	-3	0.45	-0.71	15.90	5.26	129	-12
Harlan	84	55	69	-3	0.28	-0.77	10.67	0.39	135	-7
Jefferson	85	54	69	-2	0.25	-0.94	7.59	-3.17	135	-4
Logan	85	56	70	-2	0.06	-0.99	12.98	2.75	142	-9
Rockwell City	82	54	67	-5	0.21	-0.84	11.37	1.66	121	-27
Sioux City	89	56	72	2	0.00	-0.84	9.64	1.24	157	9
Central District										
Ames	84	50	68	-2	0.52	-0.67	8.70	-2.09	130	-5
Boone	84	51	68	-3	0.68	-0.58	8.26	-2.92	125	-12
Des Moines	83	57	70	-3	0.75	-0.32	12.77	2.91	144	-9
Eldora	86	54	69	-2	0.64	-0.55	9.17	-1.19	132	-5
Marshalltown	83	52	68	-3	0.52	-0.60	9.94	-0.29	126	-11
Newton	83	55	69	-2	0.68	-0.39	12.54	2.16	134	-10
Perry	85	53	69	-1	0.89	-0.26	11.26	0.80	135	-3
Toledo	82	53	68	-3	1.09	0.04	9.44	-1.11	125	-9
East Central District										
Cedar Rapids	84	52	68	-2	0.29	-0.82	7.85	-1.93	131	-11
Davenport	87	50	68	-4	0.19	-0.86	3.70	-5.99	130	-21
Iowa City	91	57	74	2	0.21	-0.84	6.58	-3.94	166	9
Lowden	86	49	69	-2	0.12	-1.00	6.07	-4.87	131	-11
Maquoketa	85	51	68	-3	0.22	-0.90	4.98	-5.00	125	-12
Muscatine	85	52	69	-4	0.27	-0.76	6.81	-3.32	135	5
South West District										
Clarinda	82	52	69	-3	0.18	-0.87	14.58	3.69	137	-14
Glenwood	85	53	70	-2	0.00	-1.12	12.56	1.82	144	-7
Oakland	84	57	70	-2	0.08	-1.04	10.93	0.90	139	-4
Red Oak	84	56	71	-2	0.12	-1.14	11.27	0.02	149	-9
Sidney	83	58	70	-4	0.06	-0.92	12.11	2.07	141	-17
South Central District										
Allerton	82	55	69	-2	0.81	-0.23	9.34	-0.79	132	13
Beaconsfield	81	57	69	-2	0.54	-0.49	12.50	2.53	132	-9
Chariton	82	48	68	-3	0.79	-0.36	10.99	0.40	128	-12
Indianola	81	52	69	-2	1.43	0.32	13.52	2.86	132	-12
Leon	83	49	68	-3	0.28	-0.74	9.15	-1.66	125	-16
South East District										
Bloomfield	83	54	69	-4	1.56	0.59	11.76	1.44	134	-18
Burlington	87	53	71	-2	0.17	-0.79	8.08	-1.72	147	-5
Ottumwa	82	52	69	-5	0.12	-0.76	9.02	-0.57	131	-26

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 2005: AWIS, Inc. All Rights Reserved.