



TASSELS GREETED BY COOL WEATHER

Iowa corn fields added a color other than green last week as tassels appeared seemingly overnight. Good crop progress was made despite cooler average weekly temperatures. Lower rainfall totals gave low-lying cropland a chance to drain. Cattle and pigs on feed recorded excellent gains as optimal weather and near record low mid-July temperatures were reported throughout the State. Scouting for aphids and other damaging insects continued through the second full week of July.

There were 4.8 days suitable for fieldwork during the week, compared to the five-year average of 5.4 days. Topsoil moisture rated 5 percent short, 79 percent adequate, and 16 percent surplus across the state. Subsoil moisture rated 4 percent short, 76 percent adequate, and 20 percent surplus.

Field Crops Report: Corn was rated 45 percent tasseled, well behind the five-year average of 64 percent. Corn silked increased substantially with 26 percent reported silking, 20 percentage points ahead of last week, but 19 percentage points behind the five-year average. Corn condition was rated 1 percent very poor, 3 percent poor, 16 percent fair, 52 percent good, and 28 percent excellent.

Soybeans reached 60 percent blooming with 14 percent setting pods. Soybeans blooming are 10 percentage points ahead of last year, but 11 percentage points behind the five-year average. Soybeans setting pods are ahead of last year by 5 percentage point, but 10 percentage points behind the five-year average. Soybean condition was rated 1 percent very poor, 4 percent poor, 17 percent fair, 57 percent good, and 21 percent excellent.

Nearly the entire oat crop has headed. Eight-seven percent of the oat crop is now turning color, 14 percentage points ahead of last year, but 5 percentage points behind the five-year average. Oat harvest reached 13 percent complete with the greatest progress in Southern Iowa. The oat harvest is 11 percentage points behind the five-year average, but 6 percentage points ahead of last year. Oat condition was rated 1 percent very poor, 4 percent poor, 26 percent fair, 52 percent good, and 17 percent excellent.

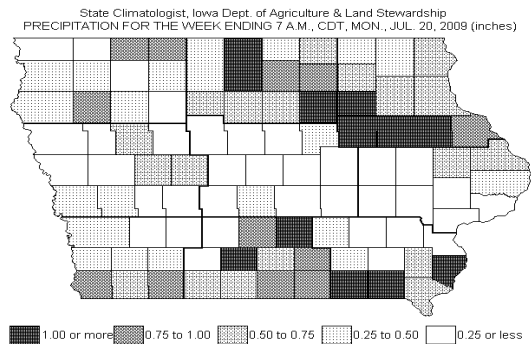
Alfalfa second cutting has reached 50 percent complete, 16 percentage points behind the five-year average, but 19 percentage points ahead of last year. All hay condition was rated 2 percent very poor, 10 percent poor, 27 percent fair, 48 percent good, and 13 percent excellent.

Livestock, Pasture and Range Report: Pasture and range condition rated 1 percent very poor, 5 percent poor, 22 percent fair, 50 percent good, and 22 percent excellent. Reports continue to indicate low stress levels for cattle and pigs.

IOWA PRELIMINARY WEATHER SUMMARY
Provided by Harry Hillaker, State Climatologist

It was a relatively dry and exceptionally cool week across Iowa. Temperatures averaged 7.6 degrees below normal for the week with many locations across northeast Iowa not reaching 80 degrees. This was the coolest July 13-19 period on record in Iowa. Temperature extremes for the week ranged from highs of 88 degrees at Logan and Little Sioux on Tuesday (14th) afternoon to lows of 42 degrees at Sibley and Spencer on Sunday (19th) morning and again at Elkader on Monday (20th) morning. Most of the week's rain fell between Tuesday evening and Wednesday morning when thunderstorms moved across Iowa. A few storms brought severe weather with hail up to baseball size reported near Des Moines late Tuesday night. Otherwise there were scattered showers over the southwest one-half of the state Monday night into Tuesday morning and over far northwest Iowa Thursday morning. No precipitation was recorded over parts or central and east central Iowa at such locations as Grinnell, Tipton, Williamsburg and Winterset. The most rain was reported near Stanley in Buchanan County with 2.61 inches. The statewide average precipitation was 0.49 inches or a little more than one-half of the weekly normal of 0.93 inches. Rainfall thus far in July is averaging about three-fourths of an inch above normal while temperatures are on pace to make this one of the cooler Julys on record. The daily statewide average temperature has been above normal on only one day (July 10) since June 27.

PRELIMINARY IOWA PRECIPITATION



Field Work and Crop Progress as of July 19, 2009

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Corn, average tallest height	87	81	80	90	87	89	90	81	85	86	78	75	86
Corn, average height	76	69	63	78	73	72	73	61	68	71	62	59	73
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn tasseled	36	27	24	67	54	37	70	47	51	45	14	28	64
Corn silked	19	10	11	51	33	17	57	32	23	26	6	12	45
Soybeans blooming	71	63	74	59	57	54	62	40	46	60	39	50	71
Soybeans setting pods	24	14	11	16	10	9	13	7	12	14	3	9	24
Oats turning color	77	68	90	96	90	87	91	76	91	87	66	73	92
Oats harvested for grain	9	3	7	18	28	11	23	21	34	13	2	7	24
Alfalfa - second crop harvested	74	62	64	62	59	41	39	33	43	50	35	31	66

Days Suitable & Soil Moisture Condition as of July 19, 2009

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	4.1	4.1	5.4	4.2	5.2	5.7	4.4	5.3	5.4	4.8	3.0	4.5
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	0	0	0	0	0	0	0	0	1	0	0	0
Short	5	3	13	1	6	2	7	4	1	5	4	4
Adequate	89	92	80	73	63	83	70	88	79	79	67	71
Surplus	6	5	7	26	31	15	23	8	19	16	29	25
Subsoil moisture												
Very short	2	0	1	0	0	0	0	0	1	0	1	0
Short	7	2	11	1	2	4	5	1	1	4	3	3
Adequate	86	89	84	75	57	77	62	86	67	76	69	67
Surplus	5	9	4	24	41	19	33	13	31	20	27	30

**Weather Summary For National Agricultural Statistics Service, Iowa Field Office
For the week ending: Sunday, July 19, 2009, Prepared by AWIS, Inc.**

STATION	CURRENT WEEK				SINCE APRIL 1		CURRENT WEEK			
	TEMPERATURE		PRECIPITATION		PRECIPITATION		GDD BASE 50F			
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN		
North West District										
Estherville	81	44	65	-9	0.85	0.08	11.16	-1.20	105	-49
Sioux Center	84	45	66	-8	0.39	-0.38	11.35	-1.25	114	-54
Spencer	83	42	65	-9	0.17	-0.80	11.64	-1.06	109	-53
Spirit Lake	82	50	65	-8	0.75	-0.09	12.40	0.14	109	-72
North Central District										
Britt	80	50	66	-9	1.13	0.15	16.49	2.67	111	-53
Humboldt	81	50	66	-9	0.72	-0.26	16.85	2.76	113	-55
Mason City	79	51	65	-9	0.74	-0.24	14.48	0.22	108	-53
Osage	78	51	65	-9	1.10	0.14	14.75	0.57	105	-70
North East District										
Decorah	80	51	65	-9	0.99	0.08	14.85	0.83	108	-53
Dubuque	78	52	65	-9	1.21	0.31	13.72	-0.85	104	-53
Elkader	79	51	63	-10	0.25	-0.72	14.62	1.06	94	-92
Fayette	79	50	64	-9	0.14	-0.91	20.09	5.63	101	-60
Waterloo	81	52	66	-8	1.48	0.36	17.24	2.35	114	-50
West Central District										
Carroll	85	49	66	-9	0.94	-0.04	16.09	0.76	114	-54
Castana	84	51	67	-9	0.68	-0.02	12.37	-1.10	122	-40
Guthrie Center	83	48	66	-10	0.28	-0.51	16.09	1.46	114	-61
Harlan	85	49	66	-10	2.31	1.47	17.02	2.75	115	-53
Jefferson	82	51	66	-10	1.12	0.14	14.67	-0.66	110	-58
Logan	88	49	68	-9	0.78	0.00	15.80	1.79	126	-58
Rockwell City	82	50	66	-9	0.70	-0.28	14.37	0.25	112	-63
Sac City	83	50	65	-10	0.99	0.15	14.29	0.26	107	-61
Sioux City	87	49	69	-8	1.23	0.49	12.18	0.39	134	-48
Central District										
Boone	82	50	67	-8	0.09	-0.75	16.22	0.73	118	-51
Des Moines	84	54	71	-7	0.28	-0.56	16.10	2.28	145	-44
Grundy Center	81	51	65	-9	0.26	-0.79	18.15	3.46	108	-50
Marshalltown	80	48	66	-9	0.00	-0.94	13.03	-1.59	110	-58
Newton	82	53	67	-8	0.00	-0.84	15.77	1.40	122	-53
Perry	84	52	67	-8	0.66	-0.18	15.47	0.92	124	-45
Toledo	81	50	65	-9	0.04	-0.94	14.86	-0.05	105	-60
East Central District										
Cedar Rapids	80	49	65	-11	0.01	-0.90	15.41	1.38	106	-67
Davenport	83	51	68	-9	0.01	-0.83	18.34	4.65	127	-54
Iowa City	83	51	68	-10	0.00	-1.12	14.55	-0.76	126	-61
Lowden	82	49	66	-8	0.04	-0.94	15.36	-0.10	116	-52
Maquoketa	79	50	65	-10	0.50	-0.27	14.02	0.12	105	-57
Muscatine	84	53	69	-7	0.00	-0.99	19.21	4.64	137	-22
South West District										
Atlantic	85	49	68	-7	0.30	-0.54	21.08	7.64	125	-48
Clarinda	82	48	67	-11	0.84	-0.28	16.99	1.32	119	-63
Glenwood	85	50	69	-8	0.52	-0.32	16.66	1.88	135	-48
Red Oak	85	50	69	-9	0.49	-0.49	14.96	-0.94	134	-55
Sidney	84	53	70	-8	0.68	-0.44	13.45	-1.12	139	-51
South Central District										
Allerton	81	49	67	-9	0.97	-0.08	19.39	4.76	122	-25
Beaconsfield	79	51	67	-9	0.66	-0.32	19.91	5.57	120	-55
Chariton	82	51	66	-11	0.62	-0.39	19.05	3.79	112	-64
Indianola	84	52	68	-8	0.51	-0.36	19.05	4.26	127	-48
Leon	82	52	67	-9	0.96	0.05	16.67	1.86	123	-59
South East District										
Bloomfield	84	54	69	-8	2.05	1.00	21.28	6.64	132	-51
Burlington	85	53	69	-8	1.30	0.32	20.83	6.83	136	-46
Ottumwa	82	51	67	-10	0.42	-0.63	19.75	5.93	124	-65
Washington	84	48	67	-11	0.04	-0.88	19.41	5.67	120	-48

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 2009: AWIS, Inc. All Rights Reserved.

PERMIT NO. G-38
USDA
POSTAGE & FEES PAID
PRESORTED

IOWA CROPS & WEATHER IS PUBLISHED BY USDA NATIONAL
AGRICULTURAL STATISTICS SERVICE, IOWA FIELD OFFICE, 210 WALNUT
ST. RM 833, DES MOINES IA 50309. POSTMASTER, SEND ADDRESS CHANGES
TO IA CROPS & WEATHER, C/O SD AGRICULTURAL STATISTICS, PO BOX
5068 SIOUX FALLS SD 57117