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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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For the week ending July 17, 2011

WARM WEATHER

Areas of northwest and north central Iowa received rain with isolated heavy rain reported. Strong straight line winds cut a swath across central Iowa flattening corn and damaging grain storage and outbuildings. Power lines were downed and a great deal of tree damage was reported. Many farmers, especially in south central and southeast Iowa, would like to receive some rain.

There were 5.3 days suitable for fieldwork statewide during the past week. Only northwest and north central Iowa had less than 5.0 days suitable with northwest Iowa having just 3.3 days suitable. On the other extreme, southeast Iowa had 7.0 days suitable. Some areas in southeast Iowa have yet to receive measurable rainfall in July. Topsoil moisture levels rated 3 percent very short, 20 percent short, 70 percent adequate, and 7 percent surplus. Subsoil moisture rated 2 percent very short, 10 percent short, 78 percent adequate, and 10 percent surplus.

Crop production increased rapidly during the past week due to warm and humid conditions. Fifty-six percent of the corn crop is now tasseling, behind last year's 78 percent, but only marginally behind the average 57 percent. Nearly one-third of the corn crop is silking, which remains behind the 57 percent in 2010 and the five-year average of 38 percent. Corn condition is reported at 1 percent very poor, 3 percent poor, 16 percent fair, 52 percent good, and 28 percent excellent. Sixty-one percent of the soybean crop is blooming, slightly behind the previous year's 67 percent and five-year average of 62 percent. Pods are being set on 6 percent of the soybean crop, compared with 17 percent last year at this time and the average 16 percent. Soybean condition is reported at 1 percent very poor, 2 percent poor, 15 percent fair, 55 percent good and 27 percent excellent. Eighty percent of the oat crop has turned color, behind the 91 percent in 2010 and the average 85 percent. Twenty-one percent of the oat crop has been harvested, behind last year's 32 percent but ahead of the normal 17 percent. Oat condition stands at 0 percent very poor, 3 percent poor, 23 percent fair, 58 percent good, and 16 percent excellent. Second cutting alfalfa hay harvest, at 67 percent complete, is now ahead of last year's 57 percent and the normal

55 percent. The condition of the hay crop is reported at 2 percent very poor, 7 percent poor, 27 percent fair, 50 percent good, and 14 percent excellent.

Pasture and range condition was 1 percent very poor, 6 percent poor, 25 percent fair, 52 percent good, and 16 percent excellent. Cattle are suffering from heat as well as fly infestations and pink eye. High heat and humidity are suppressing appetites and thus slowing weight gain.

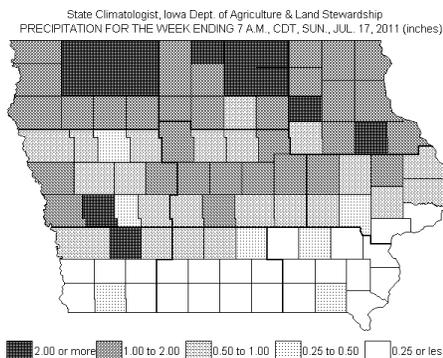
IOWA PRELIMINARY WEATHER SUMMARY

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

There was plenty of newsworthy weather in Iowa over the past week. Very strong thunderstorm winds caused damage in at least 23 counties early Monday (11th) morning with severe damage across a wide swath of east central Iowa. Torrential downpours caused localized flash flooding centered upon Dickinson County on Monday, Tuesday and Thursday mornings; Worth County on Friday evening and Cass County on Saturday morning. Finally, excessive heat and humidity prevailed statewide on Sunday (10th) and Monday (11th) and again over the next weekend (15th-17th). Pleasant weather was briefly enjoyed between the two heat waves. Temperatures with the first heat wave reached 96 degrees at Keokuk on Monday while the second event saw the temperature climb to 99 at Knoxville on Sunday (17th). Dew point temperatures really soared with the second heat wave producing official heat indices up to 110 at Ames on Saturday and 115 degrees at Sioux City on Sunday with unofficial readings as high as 126. Meanwhile Mason City recorded a Wednesday morning low of 52 degrees. Temperatures for the week as a whole averaged 2.8 degrees above normal. Most of Iowa received rain on Monday (11th) morning, Tuesday (12th) and Friday (15th) with more widely scattered activity the rest of the week. Rain amounts were highly variable with weekly totals varying from just a trace at Allerton in Wayne County to 8.19 inches just west of Spirit Lake. The statewide average precipitation was 1.23 inches while normal for the week is 0.96 inches.

Crop Conditions as of July 17, 2011

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn	1	3	16	52	28
Soybeans	1	2	15	55	27
Oats	0	3	23	58	16
Hay, all	2	7	27	50	14
Range & Pasture	1	6	25	52	16



Field Work and Crop Progress as of July 17, 2011

Item	Districts										State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE					
	(Percent)													
Corn tasseled	52	42	44	63	60	63	68	62	70	56	4	78	57	
Corn silked	25	20	17	44	32	30	52	36	50	32	1	57	38	
Soybeans bloomed	69	53	56	73	59	56	65	47	60	61	35	67	62	
Soybeans setting pods	6	7	7	9	6	5	5	3	8	6	NA	17	16	
Oats turned color	67	55	79	91	91	79	79	83	89	80	45	91	85	
Oats harvested for grain	18	12	21	30	27	13	7	29	37	21	4	32	17	
Hay, alfalfa - second crop harvested	77	51	71	75	67	76	68	60	60	67	38	57	55	

Days Suitable & Soil Moisture Condition as of July 17, 2011

Item	Districts										State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(Days)												
Days suitable	3.3	4.1	6.1	5.5	5.3	6.1	6.4	6.7	7.0	5.3	5.9	4.4	
	(Percent)												
Topsoil moisture													
Very short	0	0	6	0	2	5	0	5	14	3	1	0	
Short	3	3	33	13	19	33	12	41	36	20	11	2	
Adequate	79	88	57	80	75	60	81	52	48	70	79	65	
Surplus	18	9	4	7	4	2	7	2	2	7	9	33	
Subsoil moisture													
Very short	0	0	5	0	1	1	1	2	3	2	1	0	
Short	1	2	26	3	10	17	3	18	16	10	6	1	
Adequate	77	86	64	87	82	80	72	77	74	78	78	62	
Surplus	22	12	5	10	7	2	24	3	7	10	15	37	

**Weather Summary For National Agricultural Statistics Service, Iowa Field Office. For the week ending: 7:00 am Sunday, July 17, 2011,
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	TOTAL	DFN
North West District										
Estherville	91	57	75	4	2.66	1.89	17.71	5.57	178	24
Sioux Center	93	59	77	4	1.27	0.48	14.14	1.76	190	22
Spencer	92	60	77	4	5.37	4.39	19.16	6.73	188	27
Spirit Lake	91	60	75	3	5.44	4.60	21.32	9.30	177	21
North Central District										
Britt	89	57	73	0	1.49	0.49	17.36	3.82	164	10
Dakota City	92	58	75	2	1.65	0.67	15.03	1.22	176	15
Mason City	90	52	74	2	1.35	0.37	13.69	-0.29	170	13
Osage	88	56	73	1	4.72	3.74	18.80	4.88	163	12
North East District										
Decorah	92	54	74	2	1.56	0.65	14.80	1.04	170	11
Dubuque	86	57	75	3	0.47	-0.43	11.59	-2.72	172	17
Elkader	89	53	72	-1	1.31	0.36	11.89	-1.39	155	1
Fayette	89	57	74	2	1.86	0.81	12.06	-2.10	170	23
Waterloo	90	58	76	4	0.78	-0.34	12.29	-2.28	187	19
West Central District										
Carroll	92	63	76	3	1.09	0.10	14.41	-0.64	185	17
Castana	90	63	76	2	1.52	0.80	15.40	2.13	181	6
Guthrie Center	93	65	78	4	0.29	-0.52	18.73	4.32	196	21
Harlan	91	63	77	3	3.20	2.35	18.68	4.65	192	24
Jefferson	91	64	76	3	0.74	-0.25	13.70	-1.35	182	9
Logan	93	66	78	2	1.12	0.32	19.52	5.73	199	20
Rockwell City	93	61	76	2	0.87	-0.11	13.83	-0.01	182	14
Sac City	91	60	74	0	0.61	-0.23	12.68	-1.11	172	11
Sioux City	95	63	79	4	0.46	-0.30	16.61	5.02	204	31
Central District										
Boone	92	63	76	3	1.04	0.19	15.80	0.55	188	20
Des Moines	94	68	80	4	0.90	0.06	22.23	8.65	213	31
Grundy Center	89	59	75	3	1.67	0.62	14.70	0.31	175	14
Marshalltown	90	62	77	4	0.88	-0.08	14.87	0.51	188	20
Newton	93	64	77	3	0.73	-0.11	16.41	2.28	193	12
Perry	94	66	79	5	1.56	0.72	18.53	4.22	202	34
Toledo	92	61	76	4	0.51	-0.47	11.42	-3.21	186	25
East Central District										
Cedar Rapids	90	58	76	2	0.50	-0.41	12.46	-1.31	182	10
Davenport	90	56	76	2	0.04	-0.82	12.78	-0.67	186	2
Iowa City	91	60	77	0	0.96	-0.16	15.57	0.58	191	2
Lowden	90	57	75	2	0.85	-0.14	14.99	-0.19	178	17
Maquoketa	86	56	73	-2	0.98	0.19	12.72	-0.96	160	-1
Muscatine	90	59	76	1	0.19	-0.82	15.20	0.91	184	2
South West District										
Atlantic	92	66	78	5	3.97	3.11	14.43	1.23	201	27
Clarinda	93	68	80	5	0.71	-0.41	18.73	3.38	212	37
Glenwood	93	66	79	3	0.10	-0.75	17.53	2.99	207	24
Red Oak	93	68	80	4	0.23	-0.75	18.19	2.57	213	31
Sidney	92	67	79	3	0.07	-1.05	11.92	-2.33	207	19
South Central District										
Allerton	91	66	78	3	0.06	-0.99	19.07	4.74	198	22
Beaconsfield	89	65	77	3	0.19	-0.79	18.61	4.55	191	16
Chariton	92	66	79	5	0.23	-0.80	20.47	5.49	205	31
Indianola	91	66	78	4	0.55	-0.34	25.26	10.71	199	31
Leon	90	66	78	3	0.01	-0.90	17.94	3.39	200	28
South East District										
Bloomfield	93	65	79	3	0.24	-0.81	26.47	12.13	203	21
Burlington	92	63	79	4	0.15	-0.83	19.50	5.78	204	20
Ottumwa	90	65	78	2	0.24	-0.81	18.70	5.18	201	12
Washington	92	62	77	0	0.08	-0.86	17.24	3.76	189	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 2011: AWIS, Inc. All Rights Reserved.