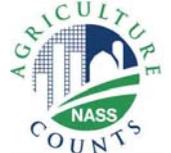


Iowa Crops & Weather



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For the week ending July 22, 2007

MORE RAIN NEEDED

Agricultural Summary: Scattered rain showers fell on parts of the State, bringing crop damage due to straight line winds. Amounts ranged from two tenths of an inch to four inches. This rain will need to continue in order for yields to remain consistent. Areas that received rain reported large improvements in the condition of the crops but still hope to see more moisture.

There were 4.8 days suitable for fieldwork, compared to 5.9 days last year at this time. Topsoil moisture rated 18 percent very short, 30 percent short, 49 percent adequate, and 3 percent surplus across the State. Subsoil moisture rated 11 percent very short, 30 percent short, 57 percent adequate, and 2 percent surplus.

Field Crops Report: Oats turning color are at 98 percent, 1 percentage point behind last year's 99 percent, but slightly ahead of the five-year average. Oats harvested for grain are at 35 percent, behind last year's 42 percent and 8 percentage points behind the five-year average. The condition of the oat crop improved slightly from last week to zero percent very poor, 5 percent poor, 33 percent fair, 53 percent good, and 9 percent excellent. Corn tasseled, at 90 percent, is equal to last year and 4 days ahead of the five-year average of 79 percent. Corn silked, at 73 percent, is 2 percentage points behind last year, but 4 days ahead of normal. Corn in milk stage is at 21 percent, 2 days ahead of last year and 4 days ahead of the five-year average. Corn condition is 2 percent very poor, 8 percent poor, 27 percent fair, 47 percent good, and 16 percent excellent. Soybeans blooming, at 83 percent, are equal to last year and ahead of the five-year average of 80 percent. Forty-two percent of soybeans are setting pods, 3 percentage points above last year and 10 percentage points above the five-year average. Soybean condition is 1 percent very poor, 5 percent poor, 26 percent fair, 53 percent good, and 15 percent excellent. Seventy-five percent of the second cutting of alfalfa hay is complete, behind last year's 88 percent and the five-year average of 81 percent. The

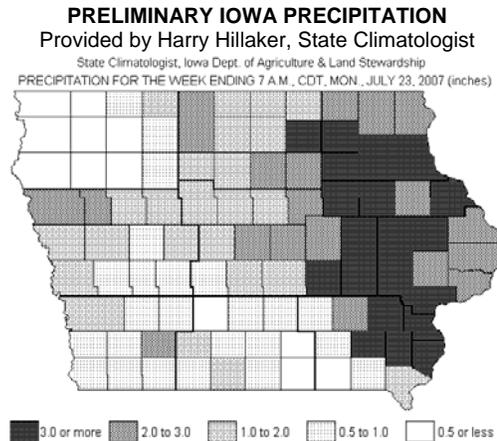
third cutting of alfalfa is underway. All hay condition is 4 percent very poor, 20 percent poor, 36 percent fair, 34 percent good, and 6 percent excellent.

Livestock and Pasture Report: Pasture condition rated 6 percent very poor, 21 percent poor, 39 percent fair, 28 percent good, and 6 percent excellent. The sparse rainfall was not enough to rejuvenate overgrazed pastures. Some are supplementing dormant pastures with grass or hay.

IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

The past week brought a wide variety of weather to Iowa. Thunderstorms brought much needed rainfall to portions of western and central Iowa, resulted in severe flooding in the northeast and missed parts of northwest Iowa entirely. Thunderstorms were widespread across the northeast one-half of the state on Monday (16th) and Tuesday (17th) and overspread most of Iowa on Wednesday (18th) into Thursday (19th) morning. Dry weather prevailed in most areas on Friday (20th) and Saturday (21st) with thunderstorms forming over northeast, central and southwest Iowa late Sunday (22nd) into early Monday (23rd). Torrential rains fell in the McGregor area on Tuesday night into Wednesday morning with an unofficial total of 9.47 inches reported. Meanwhile, Sioux Center reported only a trace of rain for the past week (less than 0.01 inch) and has now recorded 31 consecutive days without measurable rainfall. The statewide average precipitation was 1.92 inches while normal for the week is 1.07 inches. Hot and humid weather prevailed across much of central and western Iowa from Monday (16th) through Wednesday (18th) with Ankeny, Sioux Center and Sioux City reaching 98 degrees on Tuesday. Cooler and drier air dominated the state from Thursday (18th) through Saturday (21st) with Cresco recording a Friday morning low of 46 degrees. Warmer weather made a return by Sunday (22nd) with a few low 90's reported in the far west. Temperatures averaged 3 to 5 degrees below normal for the week across eastern Iowa and 2 to 3 degrees above normal over the far west with a statewide average of 1.1 degrees below normal.

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	8	27	47	16
Hay, all	4	20	36	34	6
Oats	0	5	33	53	9
Range & Pasture	6	21	39	28	6
Soybeans	1	5	26	53	15



Field Work and Crop Progress as of July 22, 2007

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					
Corn tasseled	93	96	91	89	87	87	84	82	92	90	70	90	79	
Corn silked	77	79	68	71	74	70	72	63	73	73	47	75	61	
Corn in or past milk stage	17	19	20	23	24	14	27	18	24	21	6	14	10	
Soybeans blooming	91	89	87	85	87	76	73	63	77	83	69	83	80	
Soybeans setting pods	41	62	63	30	45	33	34	25	33	42	17	39	32	
Oats harvested for grain	45	40	21	66	38	27	58	41	43	35	12	42	43	
Hay, alfalfa - second crop harvested	100	91	83	90	90	80	71	66	74	75	58	88	81	

Days Suitable & Soil Moisture Condition as of July 22, 2007

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	5.9	4.2	3.5	5.6	4.9	3.3	5.8	6.2	4.3	4.8	6.6	5.9	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	52	10	0	28	15	1	23	32	1	18	28	34	
Short	38	32	12	40	30	5	44	39	24	30	42	30	
Adequate	10	57	83	32	49	85	32	29	73	49	30	35	
Surplus	0	1	5	0	6	9	1	0	2	3	0	1	
Subsoil moisture													
Very short	28	11	0	24	8	0	16	12	0	11	11	30	
Short	47	32	18	38	33	3	27	35	27	30	32	36	
Adequate	25	56	79	38	58	87	56	53	67	57	56	33	
Surplus	0	1	3	0	1	10	1	0	6	2	1	1	

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, July 22, 2007

STATION	CURRENT WEEK				SINCE APRIL 1				CURRENT WEEK	
	TEMPERATURE			DFN	PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG		TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
North West District										
Estherville	91	51	73	1	2.07	1.30	9.39	-3.30	163	9
Sioux Center	98	52	76	3	0.00	-0.77	8.37	-4.56	184	16
Spencer	95	51	75	2	0.19	-0.75	8.47	-4.62	174	10
Spirit Lake	95	57	74	2	0.32	-0.52	10.72	-1.90	171	-11
North Central District										
Britt	89	52	72	-2	1.70	0.72	14.37	0.13	159	-5
Humboldt	91	55	73	-2	1.26	0.31	13.19	-1.29	162	-6
Mason City	90	49	72	-2	1.57	0.59	15.49	0.81	154	-7
Osage	85	52	70	-4	1.15	0.20	12.52	-2.07	143	-32
North East District										
Decorah	84	48	70	-5	1.11	0.20	14.30	-0.11	139	-23
Dubuque	83	53	69	-5	5.65	4.74	17.65	2.69	135	-25
Elkader	88	48	69	-5	3.88	2.90	19.65	5.67	135	-53
Fayette	84	51	69	-4	4.64	3.61	19.95	5.06	138	-23
Waterloo	89	52	72	-2	2.99	1.88	17.36	2.00	156	-10
West Central District										
Carroll	96	55	75	1	1.08	0.11	16.26	0.52	176	8
Castana	96	57	76	2	1.69	0.99	16.38	2.61	184	19
Guthrie Center	95	55	76	2	0.52	-0.25	25.34	10.38	182	7
Harlan	94	58	75	0	1.20	0.37	16.49	1.87	179	11
Jefferson	96	56	76	2	1.25	0.28	18.17	2.43	181	13
Logan	95	60	77	2	2.76	1.99	19.14	4.80	192	8
Rockwell City	95	55	74	-1	1.04	0.06	16.36	1.82	173	-2
Sac City	95	54	74	-1	1.27	0.43	16.33	1.94	170	0
Sioux City	98	58	78	2	2.17	1.46	16.87	4.78	196	14
Central District										
Boone	94	56	75	0	1.18	0.37	17.64	1.82	173	3
Des Moines	96	60	77	0	1.15	0.31	15.36	1.18	194	5
Grundy Center	90	52	72	-1	2.22	1.19	18.86	3.74	155	-6
Marshalltown	92	54	73	-1	1.00	0.08	13.40	-1.62	161	-7
Newton	95	55	75	-1	1.12	0.28	12.55	-2.18	172	-3
Perry	94	58	76	2	1.47	0.66	20.59	5.71	180	10
Toledo	91	54	72	-3	1.94	0.96	14.34	-0.99	155	-13
East Central District										
Cedar Rapids	86	54	71	-4	2.92	2.01	16.29	1.87	151	-24
Davenport	87	54	71	-6	2.58	1.74	19.90	5.85	150	-32
Iowa City	88	56	73	-4	3.04	1.92	14.84	-0.95	166	-23
Lowden	87	49	70	-5	2.52	1.54	18.32	2.44	140	-28
Maquoketa	84	53	69	-6	2.37	1.60	19.60	5.37	130	-33
Muscatine	90	60	74	-3	3.38	2.40	18.52	3.53	168	7
South West District										
Atlantic	96	62	79	5	0.74	-0.10	18.51	4.71	203	29
Clarinda	95	61	77	2	0.67	-0.45	17.85	1.70	194	12
Glenwood	97	64	78	3	0.93	0.09	18.36	3.22	201	16
Red Oak	96	64	79	2	0.62	-0.35	18.47	2.16	204	15
Sidney	96	64	78	2	0.56	-0.54	15.63	0.60	199	9
South Central District										
Allerton	93	58	75	-1	1.06	0.01	20.01	4.93	177	30
Beaconsfield	92	60	75	0	0.38	-0.60	19.17	4.41	179	1
Chariton	94	58	75	0	0.93	-0.05	18.21	2.53	178	-1
Indianola	93	58	75	0	1.47	0.63	15.19	0.04	179	4
Leon	94	58	75	-2	0.43	-0.48	17.27	2.07	178	-4
South East District										
Bloomfield	91	56	75	-2	1.34	0.29	15.80	0.71	174	-12
Burlington	89	57	74	-2	2.74	1.77	14.53	0.12	170	-12
Ottumwa	90	54	74	-3	1.22	0.20	17.46	3.22	171	-18
Washington	89	55	73	-5	5.56	4.65	23.91	9.78	163	-5

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit.
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