

Iowa Crops & Weather



USDA – National Agricultural Statistical Service
Iowa Field Office

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For the week ending May 27, 2007

VARIED CONDITIONS

Agricultural Summary: More rain stopped field work in the middle of the week. Some areas welcomed the rain while others were hoping to finish drying out. The new moisture helped soften hard soil to aid emergence of crops planted in wet soil, but it also caused flooding of replanted fields. Crops weakened by cold temperatures in April are fighting weeds while wind and moisture limited application of herbicides. The alfalfa first crop is late due to the April freeze.

There were 4.0 days suitable for fieldwork, compared to 5.4 days last year at this time. Topsoil moisture rated zero percent very short, 6 percent short, 72 percent adequate, and 22 percent surplus across the state. Subsoil moisture rated zero percent very short, 2 percent short, 74 percent adequate, and 24 percent surplus.

Field Crops Report: Ninety-nine percent of oats are emerged, even with both last year's percent and the five-year average. The condition of the oat crop is zero percent very poor, 2 percent poor, 17 percent fair, 66 percent good, and 15 percent excellent. Corn planting, at 98 percent, is equal to the five-year average and only 3 days behind last year's 99 percent. Eighty-six percent of the corn is emerged, one day behind last year's 89 percent but one day ahead of the five-year average of 85 percent. Corn condition across the state is zero percent very poor, 3 percent poor, 17 percent fair, 59 percent good, and 21 percent excellent. Soybeans planted are at 87 percent with 47 percent emerged. Planting is two days behind last year's 91 percent but two days ahead of the five-year average of 84 percent. Soybean emergence is 3 percentage points behind last year but 5 points ahead of the five-year average. Soybean condition is zero percent very poor, 2 percent poor, 20 percent fair, 62 percent good, and 16 percent excellent. The first cutting of alfalfa hay is underway with 10 percent being complete. Last year at this time, 36 percent had been harvested. The five-year average is 16 percent

complete. All hay condition is 3 percent very poor, 10 percent poor, 31 percent fair, 47 percent good, and 9 percent excellent.

Livestock, Pasture and Range Report: Pasture and range condition rated 1 percent very poor, 5 percent poor, 27 percent fair, 51 percent good, and 16 percent excellent. Livestock condition is good.

IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

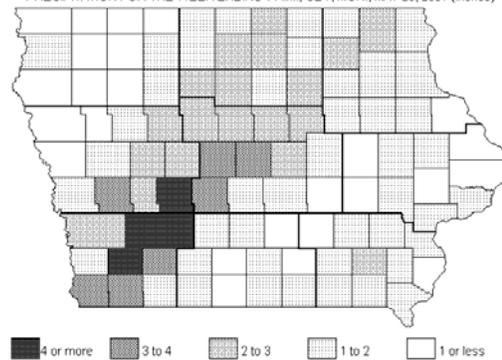
The past work week began with warm and dry weather on Monday (21st) with high temperatures in the 80's statewide. Warmer than normal weather continued on Tuesday (22nd) and Wednesday (23rd) with highs in the mid 70's northwest to mid to upper 80's southeast with a few scattered rain showers. A cold front moved across Iowa on Wednesday and Thursday bringing thunderstorms statewide. Torrential rain fell in parts of southwest Iowa from Shenandoah to Guthrie Center with only light rain over much of southeastern Iowa with these mid-week storms. High temperatures on Thursday (24th) were in the low 60's north to low 80's southeast while highs on Friday (25th) were in the mid 60's to mid 70's. Dry weather prevailed in most areas on Friday while an area of light to moderate rain dampened the southeast two-thirds of the state from Friday night into Saturday (26th) night. Dry weather returned Sunday (27th). Afternoon temperatures over the weekend were mostly in the 70's. Temperatures for the week as a whole averaged near normal in far northwest Iowa to 6 degree above normal in the extreme southeast. The statewide average temperature was 2.2 degrees above normal. Temperature extremes ranged from a Wednesday (23rd) afternoon high of 89 degrees at Iowa City to a Friday (25th) morning low of 36 degrees at Cresco. Weekly precipitation totals varied from only 0.24 inches at Dubuque to 8.31 inches at Guthrie Center. The statewide average precipitation was 1.71 inches while normal for the week is 1.14 inches.

Statewide Crop Conditions as of May 27, 2007

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	0	3	17	59	21
Hay, all	3	10	31	47	9
Oats	0	2	17	66	15
Range & Pasture	1	5	27	51	16
Soybeans	0	2	20	62	16

PRELIMINARY IOWA PRECIPITATION Provided by Harry Hillaker, State Climatologist

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON., MAY 28, 2007 (inches)



Field Work and Crop Progress as of May 27, 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 emerged	90	97	87	86	87	84	77	73	75	86	65	89	85	
Soybeans planted	92	96	96	84	87	95	75	58	85	87	61	91	84	
Soybeans emerged	53	71	53	34	41	55	34	22	47	47	12	50	42	
Hay, alfalfa - first crop harvested	22	10	26	5	10	4	4	7	13	10	0	36	16	

Days Suitable & Soil Moisture Condition as of May 27, 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	4.3	3.8	4.3	4.0	3.5	4.9	3.1	3.7	4.4	4.0	5.9	5.4	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	1	0	1	0	0	3	0	0	0	0	1	3	
Short	6	1	7	0	3	22	0	1	12	6	10	16	
Adequate	86	81	83	69	74	73	26	74	76	72	79	76	
Surplus	7	18	9	31	23	2	74	25	12	22	10	5	
Subsoil moisture													
Very short	0	0	0	0	0	1	0	0	1	0	0	3	
Short	2	0	4	0	0	9	0	1	6	2	3	17	
Adequate	86	85	85	70	73	79	28	67	77	74	77	74	
Surplus	12	15	11	30	27	11	72	32	16	24	20	6	

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, May 27, 2007

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	85	39	64	4	0.67	-0.13	4.55	-1.10	101	22
Sioux Center	86	40	66	3	1.30	0.44	6.50	1.15	109	15
Spencer	86	38	65	3	0.49	-0.35	4.23	-1.57	104	18
Spirit Lake	85	40	63	3	0.52	-0.26	5.54	0.43	94	-9
North Central District										
Britt	84	42	64	1	1.81	0.97	8.22	2.14	100	5
Humboldt	82	45	64	1	2.43	1.53	9.03	2.80	99	10
Mason City	84	39	64	4	2.80	1.82	9.79	3.33	102	18
Osage	82	41	64	2	1.32	0.41	6.63	-0.01	96	-4
North East District										
Decorah	83	39	63	1	2.59	1.69	7.25	0.54	96	7
Dubuque	87	44	68	7	0.24	-0.74	6.46	-0.96	125	44
Elkader	84	39	65	4	0.98	0.07	8.10	1.49	107	3
Fayette	83	41	64	3	1.98	1.00	9.24	2.33	98	13
Waterloo	85	43	67	5	2.11	1.15	8.11	1.29	123	31
West Central District										
Carroll	84	43	65	3	2.54	1.50	12.11	5.10	107	15
Castana	82	44	64	-1	1.09	0.07	12.46	6.15	97	6
Guthrie Center	84	41	66	3	7.69	6.67	19.89	13.00	111	17
Harlan	84	45	65	2	3.35	2.30	12.89	6.06	109	11
Jefferson	83	45	65	3	2.75	1.71	13.12	6.11	110	18
Logan	83	45	66	1	1.35	0.30	14.74	7.97	110	5
Rockwell City	82	44	64	0	3.25	2.27	12.64	6.35	101	1
Sac City	83	42	64	2	1.18	0.16	11.53	5.09	101	12
Sioux City	87	42	66	2	0.93	0.03	10.29	4.80	113	13
Central District										
Boone	82	44	64	2	3.10	2.02	12.11	4.99	102	8
Des Moines	82	47	68	4	1.39	0.52	9.20	2.72	127	20
Grundy Center	83	45	66	5	2.09	1.11	9.46	2.68	111	29
Marshalltown	83	45	66	4	1.69	0.73	8.36	1.73	116	25
Newton	82	47	66	3	1.02	0.03	7.96	1.09	115	15
Perry	82	45	66	3	5.02	4.00	14.72	7.97	111	18
Toledo	82	46	66	4	1.01	-0.04	7.19	0.14	110	24
East Central District										
Cedar Rapids	83	46	69	6	0.65	-0.24	5.66	-0.70	134	38
Davenport	88	46	71	7	1.17	0.30	5.73	-0.67	147	44
Iowa City	87	47	70	5	0.81	-0.10	6.80	-0.39	144	34
Lowden	88	42	69	6	0.40	-0.58	5.93	-1.42	132	36
Maquoketa	87	43	67	6	1.27	0.35	5.67	-0.77	122	36
Muscatine	87	50	71	7	1.32	0.41	6.84	-0.04	147	61
South West District										
Atlantic	82	45	65	3	3.74	2.83	15.46	9.12	109	13
Clarinda	82	46	66	2	3.50	2.40	13.05	5.65	116	12
Glenwood	84	47	67	2	2.15	1.03	14.99	7.98	118	13
Red Oak	83	47	67	2	4.99	3.92	15.53	8.23	120	8
Sidney	81	50	66	-1	3.20	2.22	12.89	6.07	114	2
South Central District										
Allerton	79	44	65	2	1.40	0.44	12.22	5.37	108	36
Beaconsfield	79	49	65	2	1.35	0.43	13.57	6.87	105	9
Chariton	80	40	66	3	1.42	0.47	11.40	4.41	113	18
Indianola	80	45	66	2	0.95	-0.02	8.49	1.34	111	13
Leon	80	42	66	3	1.09	0.04	10.22	2.83	115	17
South East District										
Bloomfield	83	48	66	2	1.74	0.76	8.51	1.34	116	9
Burlington	87	57	74	10	0.56	-0.31	4.73	-2.03	166	59
Ottumwa	84	44	69	4	1.04	0.13	8.92	2.18	132	22
Washington	85	45	68	3	1.06	0.15	8.99	2.35	130	36

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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