

# ILLINOIS WEATHER & CROPS



**ILLINOIS  
AGRICULTURAL  
STATISTICS SERVICE**

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U.S. DEPARTMENT OF AGRICULTURE  
ILLINOIS DEPARTMENT OF AGRICULTURE  
<http://www.agr.state.il.us/agstats.htm>

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## Agricultural Summary

Cooler temperatures and some precipitation last week were a relief for the crops that have been under stress from hot, dry conditions the last few weeks across most of Illinois. Amounts ranged from just three tenths of an inch to over two inches for the week, with the majority of the state receiving less than an inch. Topsoil moisture supplies continued to decline, despite the mid-week relief, to 70 percent short or very short by August 17. Unfortunately, the corn crop has matured so rapidly from the dry conditions the last few weeks that the moisture was "too little, too late" for most areas and the only significant benefit will be for the late planted fields. With 57 percent dented and 12 percent mature by August 19, the crop is nearly two weeks ahead of normal. The corn condition declined another ten points to 50 percent good to excellent as of August 17. Damage to the soybean crop was slowed by the moisture and cool temperatures last week at a time when most of the pods are filling, but soybean condition ratings also declined to three percent very poor, 11 percent poor, 38 percent fair, 41 percent good and seven percent excellent. Reported cases of Sudden Death Syndrome continue to increase throughout the state. Vegetables and fruits continued to be harvested last week, along with silage and hay. Other activities included mowing waterways, roadsides and field borders, preparing harvest equipment and attending plot tours and the Illinois State Fair.

### Crop Progress Table

Crop Stage	: 2001	: 2000	: 5-Year Average
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August 19

#### CORN:

Dough	90	88	72
Dented	57	50	31
Mature	12	8	4

#### SOYBEANS:

Blooming	99	99	96
Setting pods	94	94	84
Turning yellow	6	4	1

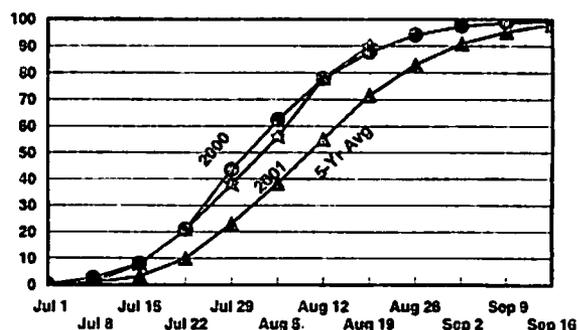
#### SORGHUM:

Headed	95	98	83
Coloring	63	32	20

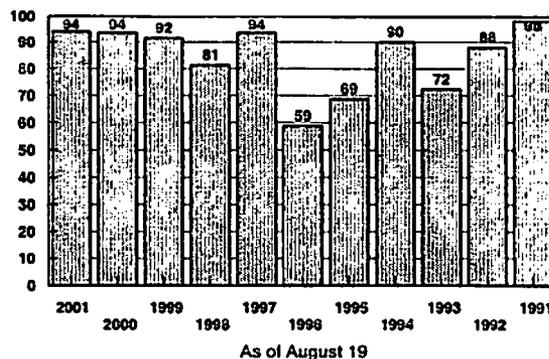
#### ALFALFA HAY:

Third cutting	66	66	48
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**Corn - Percent Dough  
Illinois**



**Soybeans - Percent Setting Pods  
Illinois**



**Crop Conditions**

Crop	: Very Poor	: Poor	: Fair	: Good	: Excellent
	August 17				
Corn	3	10	37	42	8
Soybeans	3	11	38	41	7
Sorghum	6	14	41	35	4
Pasture	8	28	45	17	2

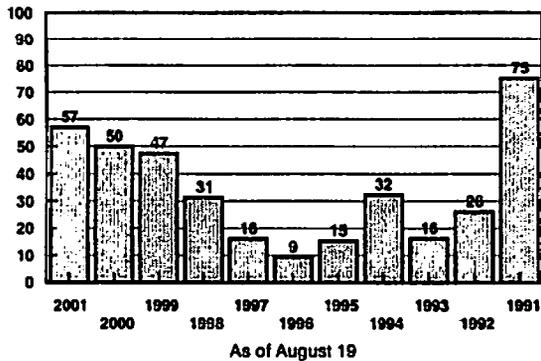
**Soil Moisture and Days Suitable for Fieldwork Table**

District	Days Suitable for Fieldwork		Topsoil Moisture		
	: Very Short	: Short	: Adequate	: Surplus	
	August 11 - 17		August 17		
Northwest	5.7	9	46	45	-
Northeast	6.4	29	27	44	-
West	6.1	19	51	28	2
Central	6.5	26	54	19	1
East	6.2	32	38	30	-
W Southwest	6.5	39	36	25	-
E Southeast	6.7	41	44	13	2
Southwest	6.9	32	46	20	2
Southeast	6.7	33	48	19	-
State	6.3	27	43	29	1

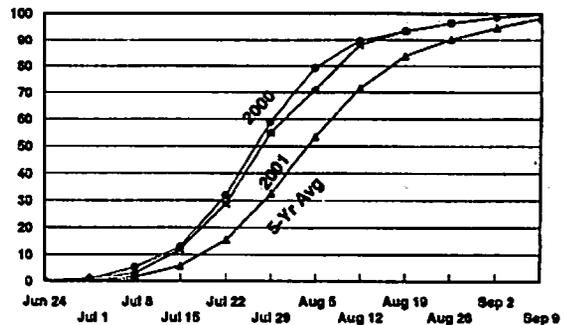
**Crop Progress by Districts**

District	Corn			Soybeans	
	: Dough	: Dented	: Mature	: Setting Pods	: Turning Yellow
	August 19				
Northwest	81	24	3	85	1
Northeast	79	21	1	96	5
West	86	61	3	92	1
Central	97	79	11	96	5
East	94	72	20	99	17
W. Southwest	99	82	31	93	2
E. Southeast	96	59	18	92	4
Southwest	91	69	25	86	6
Southeast	100	83	17	95	3

**Corn - Percent Dented  
Illinois**



**Soybeans - Percent Setting Pods  
Illinois**



**Weather Information Table**

Location	Temperature			Precipitation			Growing Degree Days		
	: Maxi- : mum	: Mini- : mum	: Deapar- : ture	: Current : week	: Since : May 1	: Deapar- : ture	: Current : week	: Since : May 1	: Deapar- : ture
August 13 - 19									
<b>Northwest:</b>									
Freeport	84	52	-4	1.44	15.07	1.65	121	2081	106
Kewanee	84	49	-6	0.99	16.64	2.32	117	2126	-8
Moline	85	52	-5	1.57	19.96	3.81	134	2366	133
Mount Carroll	85	46	-4	1.70	13.69	-1.32	119	2113	221
Paw Paw	82	49	-4	1.96	12.35	-2.20	115	1975	58
Rochelle	84	47	-6	1.25	11.58	-2.90	111	2063	-20
Rockford	84	51	-4	1.49	10.58	-4.19	129	2197	191
<b>Northeast:</b>									
Aurora	85	44	-4	0.48	7.71	-6.73	125	2100	82
Chicago	84	57	-4	0.86	12.75	-0.55	131	2151	144
De Kalb	82	52	-5	1.47	11.97	-2.80	121	2132	127
Lake Villa	84	55	-3	1.69	13.08	-0.75	125	2016	201
McHenry	84	52	-4	1.78	12.77	-1.72	121	1970	37
Morris	84	52	-4	1.22	12.46	-0.83	131	2243	135
Ottawa	88	51	-5	1.56	14.20	0.29	136	2386	128
Park Forest	84	54	-4	1.27	15.76	1.60	132	2168	109
<b>West:</b>									
Bentley	86	53	-5	0.57	17.08	2.23	133	2352	113
Galesburg	85	51	-6	0.80	10.99	-3.30	124	2127	-111
Quincy	86	52	-5	0.23	12.65	-2.54	142	2454	72
<b>Central:</b>									
Bloomington	93	50	-5	0.83	10.95	-3.05	141	2306	-71
Decatur	88	53	-4	1.41	11.88	-3.13	147	2556	162
Lincoln	86	51	-6	2.85	11.75	-2.66	129	2292	-26
Peoria	85	54	-4	0.84	11.31	-2.42	141	2415	138
<b>East:</b>									
Champaign	84	46	-5	0.46	9.01	-6.02	131	2286	2
Pontiac	84	53	-6	1.40	12.62	-1.06	124	2223	0
<b>West Southwest:</b>									
Carlinville	88	54	-4	0.83	15.71	1.98	149	2484	29
Morrisonville	88	52	-5	0.51	12.48	-1.92	135	2361	-10
Springfield	87	51	-5	0.46	10.70	-1.84	137	2440	33
<b>East Southeast:</b>									
Brownstown	88	54	-4	1.18	14.23	0.07	149	2558	167
Flora	91	53	-2	1.45	13.04	-1.47	170	2563	82
Hutsonville	88	54	-4	1.35	17.20	2.13	156	2472	-10
Iuka	93	52	-4	2.23	14.86	0.68	156	2453	-98
Lawrenceville	89	56	-4	3.82	19.97	5.73	155	2480	-2
Newton	86	52	-5	1.08	14.47	0.26	143	2279	-103
Paris	87	54	-4	0.88	16.44	1.08	145	2405	-5
Windsor	90	51	-3	0.64	10.42	-3.22	152	2513	105
<b>Southwest:</b>									
Carbondale	88	54	-3	0.40	20.17	5.17	166	2623	86
Lebanon	89	55	-4	0.78	14.91	1.65	156	2585	64
Olive Branch	89	56	-3	0.89	14.74	-0.58	171	2748	117
<b>Southeast:</b>									
Mt Vernon	91	54	-5	2.26	13.40	-0.41	151	2483	13

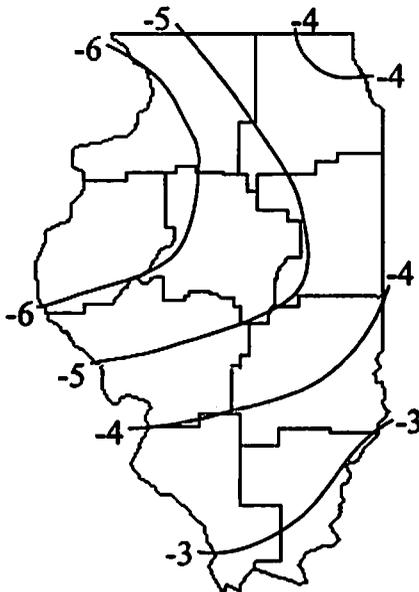
Data is for the weekly period that ends on Sunday at 8:00 a.m.  
Departure is from the overall average for the week during the 1961-90 period.  
Precipitation and Growing Degree Day departures are from the 1961-90 average  
since May 1. Growing Degree Days are base 50 using a maximum temperature  
of 86 degrees.

NEWSPAPER TIME VALUE

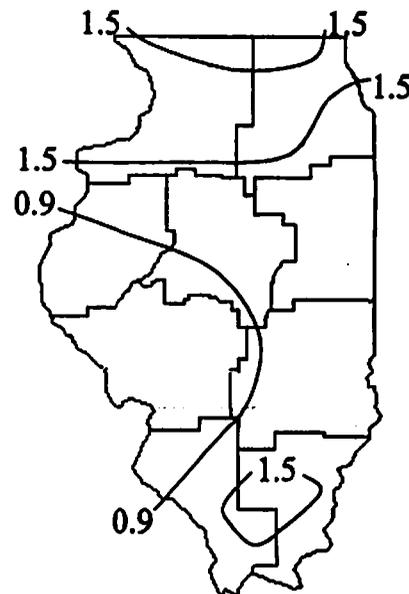
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Maps provided by the Illinois State Water Survey  
Visit their home page at <http://mcc.sws.uiuc.edu>  
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Temperature (°F) Departure  
August 13 - 19



Precipitation (in.) Total  
August 13 - 19

Crop PROGRESS INFORMATION in this report is provided voluntarily by local area officials of Farm Service Agency, Extension Service, National Resources Conservation Service, Farm Business Farm Management field staff, and agribusiness managers.

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