

# ILLINOIS WEATHER & CROPS



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

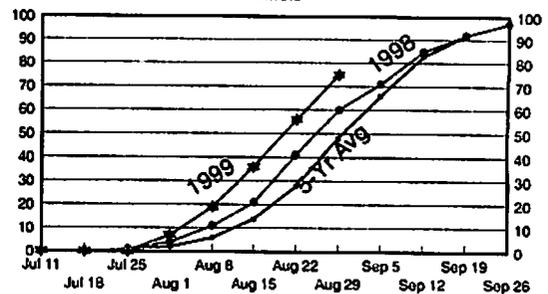
**RELEASED: August 30, 1999 3 P.M., CT**  
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Though scattered showers were reported across most of the state last week, the southern districts are suffering from continued dry conditions, where topsoil moisture is mostly short to very short. Statewide, topsoil moisture was rated 14 percent very short, 36 percent short, 48 percent adequate and two percent surplus. Soybeans in the south, especially double crop, are deteriorating quickly, with some major losses reported. As of August 29, 95 percent of the soybean crop was setting pods and eight percent turning yellow, compared to the five-year averages of 92 percent and six percent, respectively. The corn crop has developed to 75 percent in the dent stage and 16 percent mature, still well ahead of the 48 percent dented and four percent mature for the five-year averages. Corn harvest has begun in some areas. There are reports of stock rot, lodging and significant ear mold problems occurring in fields that were damaged by the storms that went through central Illinois a couple weeks ago. Other activities last week included baling hay, chopping silage, hauling grain and preparing harvest equipment.

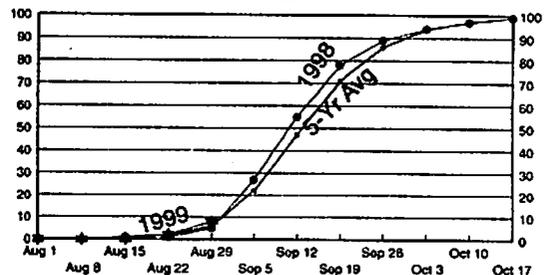
### Crop Progress

Crop Stage	: 1999	: 1998	: 5-Year Average
August 29			
<b>CORN:</b>			
Dough	95	89	85
Dented	75	60	48
Mature	16	10	4
<b>SOYBEANS:</b>			
Setting pods	95	90	92
Turning yellow	8	5	6
Shedding leaves	1	1	1
<b>SORGHUM:</b>			
Headed	98	87	89
Coloring	65	43	32
Mature	1	3	1
<b>ALFALFA HAY:</b>			
Third cutting	79	68	60

**Corn - Percent Dented**  
Illinois



**Soybeans - Percent Turning Yellow**  
Illinois

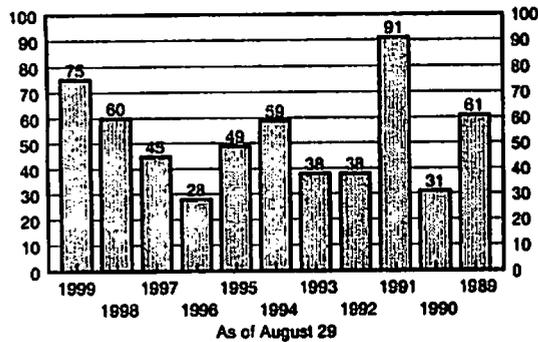


**Crop Conditions**

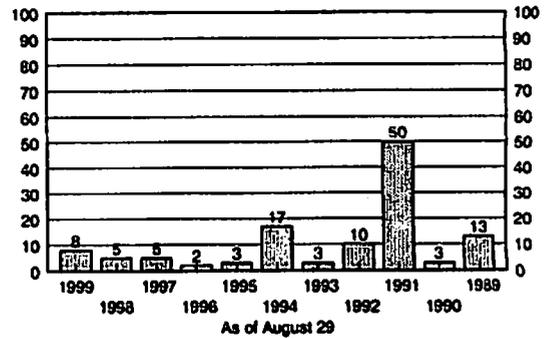
Crop	: Very Poor	: Poor	: Fair	: Good	: Excellent
August 27					
Corn	4	13	43	35	5
Soybeans	2	9	38	43	8
Sorghum	2	16	44	38	-
Pasture	10	20	38	28	4

These and additional charts are available on our World Wide Web site.

**Corn - Percent Dented**  
Illinois



**Soybeans - Percent Turning Yellow**  
Illinois



**Crop Progress by District**

District	: Corn Dented	: Corn Mature	: Soybeans Turning Yellow
August 29			
Northwest	60	2	4
Northeast	61	2	13
West	90	6	3
Central	84	32	6
East	77	13	20
W Southwest	79	30	8
E Southeast	71	32	10
Southwest	79	9	3
Southeast	74	16	5

**Days Suitable for Fieldwork and Topsoil Moisture**

District	: Days Suitable for Fieldwork	: Topsoil Moisture			
		: Very Short	: Short	: Adequate	: Surplus
August 21 - 27		August 27			
Northwest	5.0	-	16	81	3
Northeast	4.4	5	22	73	-
West	5.1	19	24	57	-
Central	4.8	-	31	66	3
East	4.8	5	26	66	3
W Southwest	5.2	9	57	31	3
E Southeast	6.6	28	53	19	-
Southwest	6.7	35	64	1	-
Southeast	7.0	63	29	8	-
State	5.4	14	36	48	2

**Weather Summary**

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 23 - 29									
<b>Northwest:</b>									
Freeport	89	58	3	1.02	17.26	2.56	143	2265	107
Kewanee	89	56	2	1.09	18.75	3.23	148	2406	70
Moline	90	59	4	1.71	13.65	-3.81	169	2672	229
Mount Carroll	92	55	3	1.25	16.43	0.05	144	2327	259
Paw Paw	88	58	2	1.71	15.73	-0.13	133	2218	121
Rochelle	89	56	1	1.27	18.61	2.82	138	2332	53
Rockford	90	57	3	2.10	15.51	-0.66	151	2416	218
<b>Northeast:</b>									
Aurora	88	56	2	2.92	10.96	-4.78	147	2425	213
Chicago	90	62	3	0.98	15.43	0.73	164	2546	335
De Kalb	90	59	3	1.79	19.30	3.23	149	2438	243
Lake Villa	91	61	4	0.90	13.63	-1.55	150	2376	379
McHenry	89	58	3	0.53	17.94	2.04	144	2325	208
Morris	88	60	3	1.79	20.24	5.84	155	2598	293
Ottawa	95	57	1	1.19	12.65	-2.50	156	2668	193
Park Forest	90	61	2	1.20	15.11	-0.25	154	2548	286
<b>West:</b>									
Bentley	92	58	4	0.84	15.81	-0.37	172	2731	283
Galesburg	87	59	3	1.75	17.45	1.93	160	2664	216
Quincy	92	57	4	0.61	9.29	-7.12	180	2743	137
<b>Central:</b>									
Bloomington	94	58	3	0.61	18.97	3.84	175	2533	-70
Decatur	88	58	-1	0.90	19.67	3.37	158	2682	62
Lincoln	90	58	2	0.97	19.21	3.64	158	2638	105
Peoria	89	58	3	0.72	15.15	0.39	168	2655	161
<b>East:</b>									
Champaign	86	56	-1	0.63	17.18	0.89	148	2644	145
Pontiac	88	56	-1	1.20	16.68	1.99	143	2512	78
<b>West Southwest:</b>									
Carlinville	91	59	2	1.32	13.18	-1.65	168	2767	82
Morrisonville	90	58	0	1.09	12.73	-2.70	158	2657	62
Springfield	88	57	0	1.39	12.62	-1.02	160	2713	81
<b>East Southeast:</b>									
Brownstown	91	61	3	0.74	18.21	3.18	176	2897	279
Flora	91	53	1	0.34	17.04	1.53	169	2786	70
Hutsonville	92	58	0	0.23	16.08	-0.09	163	2750	34
Iuka	93	59	1	1.45	16.12	1.01	174	2806	11
Lawrenceville	93	62	3	0.60	21.49	6.22	179	2891	173
Newton	87	56	-2	0.34	16.44	1.13	150	2625	18
Paris	90	59	2	0.17	10.88	-5.62	166	2766	130
Windsor	92	62	4	1.10	15.74	1.10	185	2842	207
<b>Southwest:</b>									
Carbondale	93	57	2	0.02	9.58	-6.72	173	2908	132
Lebanon	92	58	2	0.34	13.97	-0.39	172	2876	119
Olive Branch	93	57	0	0.04	11.72	-4.80	175	2995	112
<b>Southeast:</b>									
Mt Vernon	90	60	2	0.24	10.69	-4.11	171	2759	52

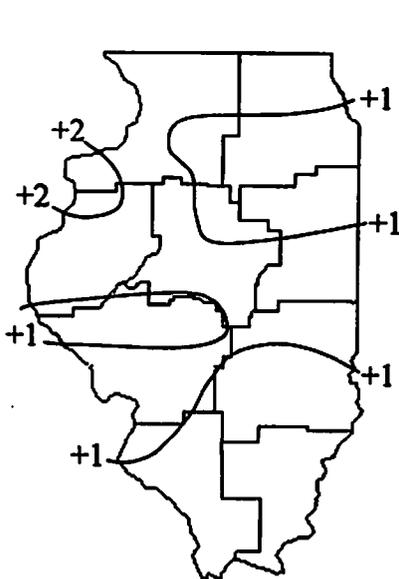
Departure is from the overall average for the week during the 1961-90 period. Precipitation and Growing Degree Day departures are from the 1961-90 average since May 1. Growing Degree Days are base 50 using a maximum temperature of 86 degrees.

NEWSPAPER TIME VALUE

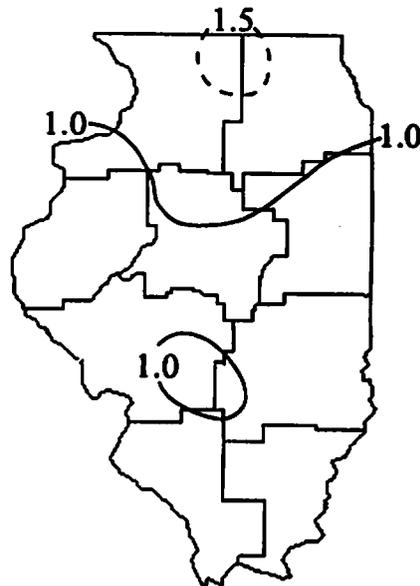
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Maps provided by the Illinois State Water Survey  
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Temperature Departure  
August 23 - 29



Precipitation Total  
August 23 - 29

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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