

# 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>

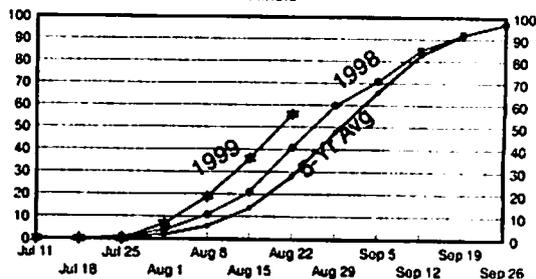
**RELEASED: August 23, 1999 3 P.M., CT**  
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Below normal temperatures and precipitation were recorded statewide last week. Topsoil moisture that was rated very short increased to 29 percent as of August 20. The lack of rain is most evident in the southern districts, where topsoil moisture reported as very short ranges from 35 to 65 percent. Rainfall is needed soon to help pod development in soybeans. As of August 22, 92 percent of the soybean crop was setting pods, compared to 85 percent last year and 83 percent for the five-year average. The corn crop continues to develop well ahead of the five-year average, with some reports of harvest beginning where fields were hit by high winds. Some corn fields are a total loss, while pick-up reels will be needed in many others for harvest. As of August 22, 12 percent of the crop was rated mature. This compares to three percent last year and only one percent for the five-year average. Other activities last week included attending fairs, scouting fields, baling hay and hauling grain.

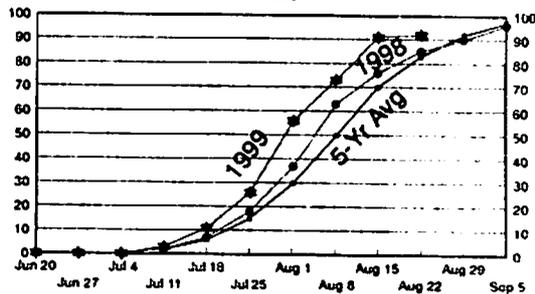
### Crop Progress

Crop Stage	5-Year		
	1999	1998	Average
August 22			
<b>CORN:</b>			
Dough	91	81	72
Dented	56	41	28
Mature	12	3	1
<b>SOYBEANS:</b>			
Setting pods	92	85	83
Turning yellow	2	1	2
<b>SORGHUM:</b>			
Headed	97	76	80
Coloring	36	15	16
<b>ALFALFA HAY:</b>			
Third cutting	62	57	46

**Corn - Percent Dented**  
Illinois



**Soybeans - Percent Setting Pods**  
Illinois

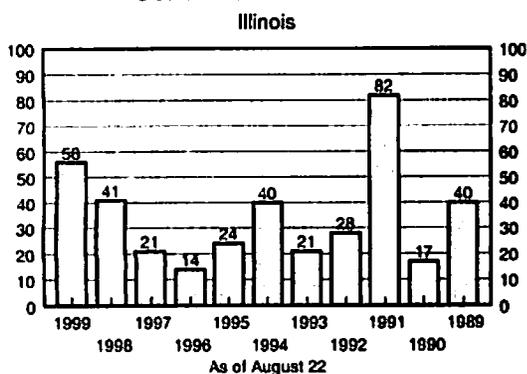


### Crop Conditions

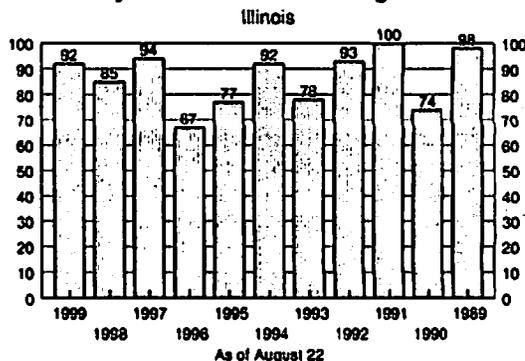
Crop	: Very Poor :	Poor :	Fair :	Good :	Excellent
August 20					
Corn	6	15	42	31	6
Soybeans	5	13	39	37	6
Sorghum	4	11	28	57	-
Pasture	18	24	34	21	3

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

**Corn - Percent Dented**



**Soybeans - Percent Setting Pods**



### Crop Progress by District

District	: Corn Dough :	Corn Dented :	Soybeans Setting pods
August 22			
Northwest	93	47	90
Northeast	84	47	98
West	92	71	98
Central	98	65	99
East	97	39	98
W Southwest	91	77	95
E Southeast	87	47	92
Southwest	97	72	84
Southeast	97	70	82

### Days Suitable for Fieldwork and Topsoil Moisture

District	: Days Suitable for Fieldwork :	Topsoil Moisture : Very Short :	Short :	Adequate :	Surplus
August 14 - 20					
Northwest	5.5	1	29	70	-
Northeast	4.8	46	41	13	-
West	5.5	28	24	46	2
Central	4.5	4	25	64	7
East	5.3	17	41	38	4
W Southwest	6.2	41	38	21	-
E Southeast	6.8	36	52	12	-
Southwest	7.0	35	65	-	-
Southeast	7.0	65	28	7	-
August 20					
State	5.8	29	37	33	1

**Weather Summary**

Location	Temperature			Precipitation			Growing Degree Days		
	: Maxi- : mum	: Mini- : mum	: Depar- : ture	: Current : week	: Since : May 1	: Depar- : ture	: Current : week	: Since : May 1	: Depar- : ture
August 16 - 22									
<b>Northwest:</b>									
Freeport	83	50	-4	0.29	16.24	2.45	119	2122	90
Kewanee	85	51	-5	0.48	17.66	2.98	121	2258	61
Moline	88	54	-3	0.40	11.94	-4.60	143	2503	204
Mount Carroll	86	49	-3	0.20	15.18	-0.22	123	2183	236
Paw Paw	85	51	-4	0.29	14.02	-0.92	109	2085	111
Rochelle	84	50	-5	0.11	17.34	2.47	116	2194	50
Rockford	85	51	-4	0.15	13.41	-1.78	125	2265	199
<b>Northeast:</b>									
Aurora	85	48	-5	0.61	8.04	-6.79	116	2278	200
Chicago	86	54	-3	0.65	14.45	0.73	137	2382	312
De Kalb	83	54	-3	0.08	17.51	2.35	125	2289	224
Lake Villa	85	54	-2	0.73	12.73	-1.49	131	2226	354
McHenry	84	54	-2	0.51	17.41	2.50	128	2181	190
Morris	86	54	-3	1.08	18.45	-4.83	135	2443	274
Ottawa	91	53	-5	0.58	11.46	-2.81	135	2512	187
Park Forest	87	53	-3	0.94	13.91	-0.61	136	2394	272
<b>West:</b>									
Bentley	92	57	0	0.36	14.97	-0.27	159	2559	255
Galesburg	87	56	-3	0.29	15.70	1.05	143	2502	198
Quincy	94	56	0	0.13	8.68	-6.86	165	2563	112
<b>Central:</b>									
Bloomington	91	52	-4	0.00	18.36	4.03	144	2358	-88
Decatur	87	53	-5	0.00	18.77	3.37	135	2524	61
Lincoln	87	53	-5	0.21	18.24	3.50	133	2481	97
Peoria	87	55	-4	0.06	14.43	0.40	141	2487	143
<b>East:</b>									
Champaign	84	51	-5	0.03	16.55	1.13	130	2496	146
Pontiac	86	54	-5	0.25	15.48	1.50	130	2369	80
<b>West Southwest:</b>									
Carlinville	90	55	-4	0.01	11.86	-2.20	150	2599	73
Morrisonville	88	50	-5	0.01	11.64	-3.06	134	2499	59
Springfield	88	52	-4	0.05	11.23	-1.64	147	2553	77
<b>East Southeast:</b>									
Brownstown	90	54	-2	0.03	17.47	3.07	161	2721	260
Flora	88	53	-4	0.01	16.70	1.89	147	2617	64
Hutsonville	90	54	-4	0.10	15.85	0.45	149	2587	33
Iuka	91	52	-4	0.00	14.67	0.22	157	2632	6
Lawrenceville	90	55	-3	0.06	20.89	6.32	159	2713	159
Newton	84	52	-6	0.00	16.10	1.56	130	2475	24
Paris	87	55	-4	0.00	10.71	-5.01	147	2600	121
Windsor	89	52	-4	0.00	14.64	0.70	149	2657	180
<b>Southwest:</b>									
Carbondale	94	51	-4	0.03	9.56	-5.83	157	2735	124
Lebanon	89	55	-4	0.00	13.63	0.04	151	2704	111
Olive Branch	96	54	-3	0.09	11.68	-4.00	169	2820	111
<b>Southeast:</b>									
Mt Vernon	89	54	-4	0.00	10.45	-3.65	154	2588	45

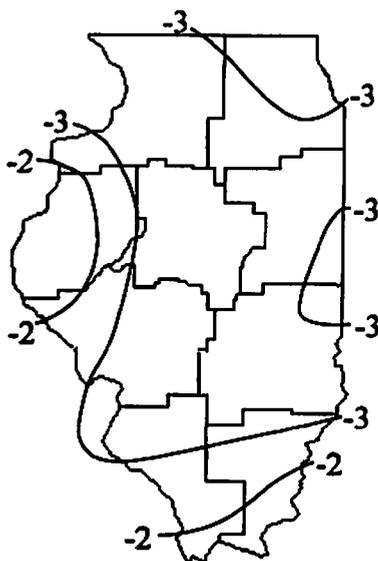
Departure is from the overall average for the week during the 1961-90 period. Precipitation and Growing Degree Day departures are from the 1961-90 average since May 1. Growing Degree Days are base 50 using a maximum temperature of 86 degrees.

NEWSPAPER TIME VALUE

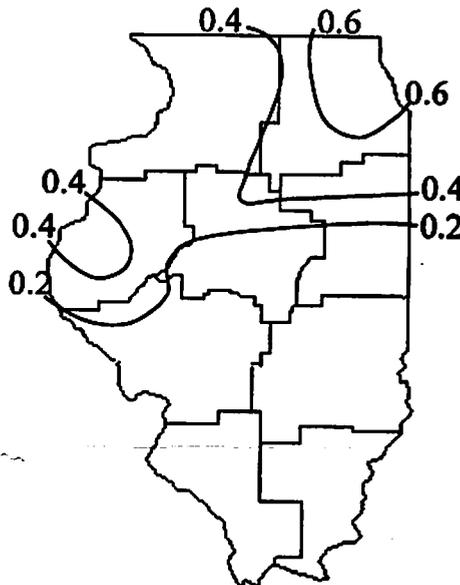
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Maps provided by the Illinois State Water Survey  
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Temperature Departure  
August 16 - 22



Precipitation Total  
August 16 - 22

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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