

# ILLINOIS WEATHER & CROPS



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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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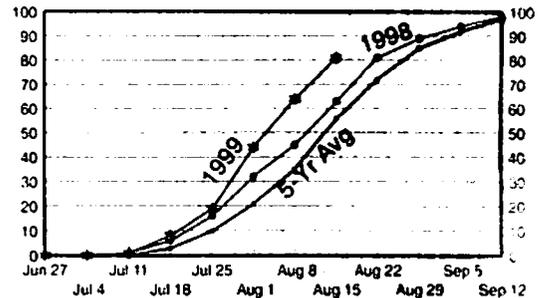
Thunderstorms late last week provided much needed rain across most of the state. However, this was accompanied by strong winds that caused damage in some fields. Topsoil moisture was rated 18 percent very short, 39 percent short, 39 percent adequate and four percent surplus. The moisture combined with cooler temperatures, helped relieve stress on the crops caused by extremely dry weather which began nearly six weeks ago. The corn crop is progressing ahead of normal, with 81 percent of the crop in the dough stage, compared to 63 percent last year, and 56 percent for the five-year average. As of August 13, the corn crop was rated five percent very poor, 13 percent poor, 40 percent fair, 36 percent good and six percent excellent. Better weather conditions have also helped the soybean crop with 91 percent of the crop setting pods, compared to 76 percent last year and a five-year average of 70 percent. The soybean condition remains stable with four percent very poor, 11 percent poor, 37 percent fair, 40 percent good and eight percent excellent. Before the heavy rains hit, farmers were busy baling hay, mowing roadsides and caring for livestock.

### Crop Progress

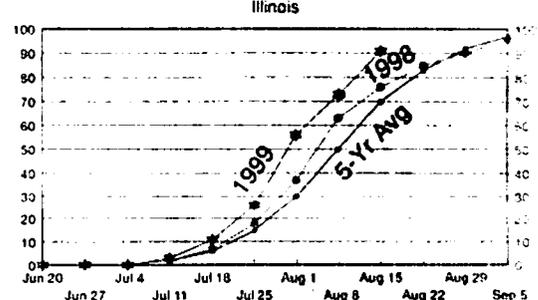
Crop Stage	1999	1998	5-Year Average
August 15			
<b>CORN:</b>			
Dough	81	63	56
Dented	36	21	14
Mature	2	1	0
<b>SOYBEANS:</b>			
Blooming	99	94	92
Setting pods	91	76	70
Turning yellow	1/	1	1
<b>SORGHUM:</b>			
Headed	90	56	61
Coloring	34	10	10
<b>OATS:</b>			
Harvested	99	98	96
<b>ALFALFA HAY:</b>			
Second cutting	98	98	97
Third cutting	49	43	37

1/ Less than one percent.

**Corn - Percent Dough**  
Illinois



**Soybeans - Percent Setting Pods**  
Illinois

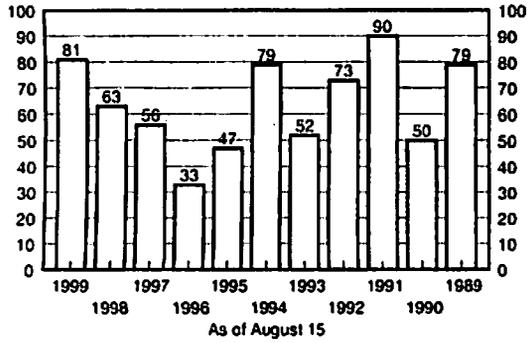


**Crop Conditions**

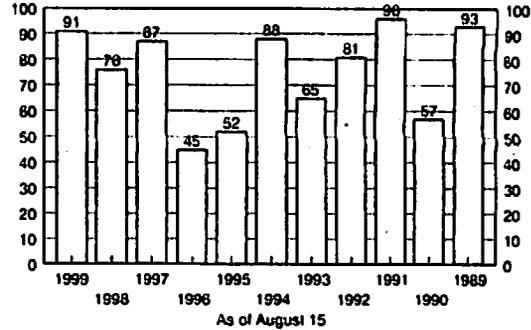
Crop	Very Poor	Poor	Fair	Good	Excellent
August 13					
Corn	5	13	40	36	6
Soybeans	4	11	37	40	8
Sorghum	3	14	46	37	-
Pasture	12	20	44	21	3

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

**Corn - Percent Dough**  
Illinois



**Soybeans - Percent Setting Pods**  
Illinois



**Crop Progress by District**

District	Corn Dough	Corn Dented	Soybeans Setting pods
August 15			
Northwest	65	19	90
Northeast	61	22	93
West	85	35	96
Central	97	60	98
East	96	38	97
W Southwest	88	40	90
E Southeast	78	31	89
Southwest	81	41	74
Southeast	83	62	79

**Days Suitable for Fieldwork and Topsoil Moisture**

District	Days Suitable for Fieldwork		Topsoil Moisture		
	Very Short	Short	Adequate	Surplus	
August 7 - 13					
Northwest	4.8	2	32	65	1
Northeast	5.3	45	43	12	-
West	5.6	34	30	36	-
Central	5.3	1	23	74	2
East	5.5	3	28	43	26
W Southwest	5.8	25	55	20	-
E Southeast	6.3	17	46	37	-
Southwest	6.1	2	52	46	-
Southeast	6.3	26	40	32	2
August 13					
State	5.5	18	39	39	4

**Weather Summary**

Location	Temperature		Departure	Precipitation		Growing Degree Days			
	Maxi- : mum	Mini- : mum		Current : week	Since : May 1	Departure : week	Current : week	Since : May 1	Departure : week
August 9 - 15									
<b>Northwest:</b>									
Freeport	84	51	-6	0.63	15.95	3.01	115	2003	108
Kewanee	85	50	-5	2.12	17.18	3.34	129	2137	90
Moline	87	53	-4	1.04	11.54	-4.09	139	2360	218
Mount Carroll	87	45	-4	0.54	14.98	0.49	120	2060	245
Paw Paw	84	49	-5	0.63	13.73	-0.30	117	1976	137
Rochelle	85	47	-8	0.63	17.23	3.27	108	2078	80
Rockford	86	50	-4	0.66	13.26	-0.99	129	2140	218
<b>Northeast:</b>									
Aurora	85	46	-5	0.02	7.43	-6.52	123	2162	228
Chicago	88	52	-3	0.47	13.80	1.06	143	2245	326
De Kalb	85	52	-5	0.52	17.43	3.18	125	2164	242
Lake Villa	86	51	-3	0.64	12.00	-1.31	129	2095	359
McHenry	83	47	-6	0.59	16.90	2.97	114	2053	200
Morris	88	52	-3	0.78	17.37	4.52	137	2308	284
Ottawa	91	48	-5	0.80	10.88	-2.55	137	2377	211
Park Forest	88	52	-4	0.88	12.97	-0.75	137	2258	286
<b>West:</b>									
Bentley	91	56	-2	0.84	14.61	0.26	156	2400	251
Galesburg	86	55	-3	0.80	15.41	1.60	150	2359	211
Quincy	95	56	-2	0.03	8.55	-6.20	166	2398	112
<b>Central:</b>									
Bloomington	92	51	-4	1.81	18.36	4.80	148	2214	-67
Decatur	88	54	-4	3.47	18.77	4.28	153	2389	91
Lincoln	88	51	-4	3.74	18.03	4.06	145	2348	122
Peoria	87	53	-4	1.08	14.37	1.00	149	2346	161
<b>East:</b>									
Champaign	84	53	-4	3.76	16.52	2.01	141	2366	172
Pontiac	87	52	-4	1.13	15.23	1.93	138	2239	105
<b>West Southwest:</b>									
Carlinville	91	54	-2	0.73	11.85	-1.48	166	2449	90
Morrisonville	91	55	-3	1.30	11.63	-2.35	154	2365	88
Springfield	89	52	-3	2.95	11.18	-0.96	157	2406	94
<b>East Southeast:</b>									
Brownstown	91	55	0	0.90	17.85	4.01	173	2564	269
Flora	89	52	-3	0.32	16.69	2.61	164	2470	88
Hutsonville	91	54	-4	1.94	15.75	1.12	160	2438	56
Iuka	92	51	-4	0.23	14.67	0.86	167	2475	26
Lawrenceville	92	56	-2	1.34	20.83	7.03	171	2554	172
Newton	86	51	-5	1.35	16.10	2.36	143	2345	58
Paris	88	54	-3	1.57	10.71	-4.17	158	2453	139
Windsor	91	52	0	1.12	14.64	1.40	173	2508	196
<b>Southwest:</b>									
Carbondale	95	51	-1	0.07	9.53	-4.95	181	2578	141
Lebanon	93	55	-2	0.15	13.63	0.81	176	2553	132
Olive Branch	98	55	0	0.14	11.59	-3.24	192	2651	125
<b>Southeast:</b>									
Mt Vernon	89	55	-3	0.06	10.45	-2.96	168	2434	64

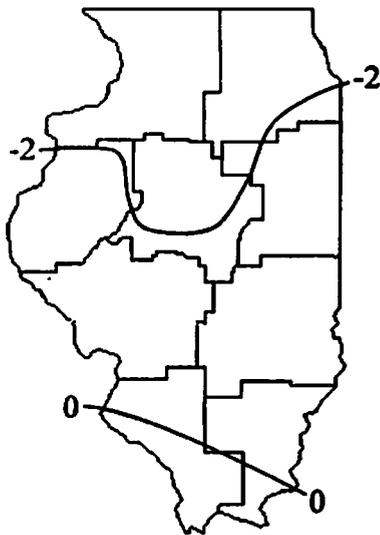
Departure is from the overall average for the week during the 1961-90 period. Precipitation and Growing Degree Day departures are from the 1961-90 average since May 1. Growing Degree Days are base 50 using a maximum temperature of 86 degrees.

NEWSPAPER TIME VALUE

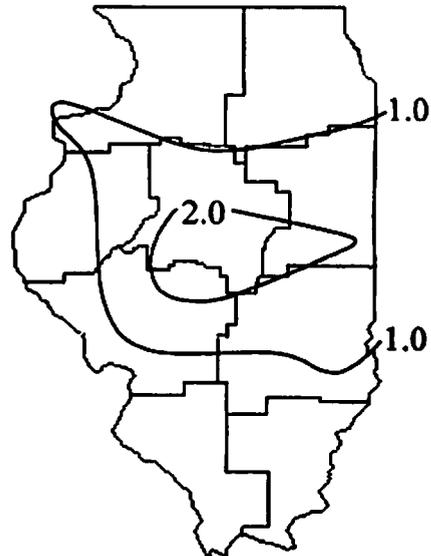
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Maps provided by the Illinois State Water Survey  
Visit their home page at <http://mcc.sws.uiuc.edu>  
(217)244-8226



Temperature Departure  
August 9 - 15



Precipitation Total  
August 9 - 15

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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