

ILLINOIS WEATHER & CROPS



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

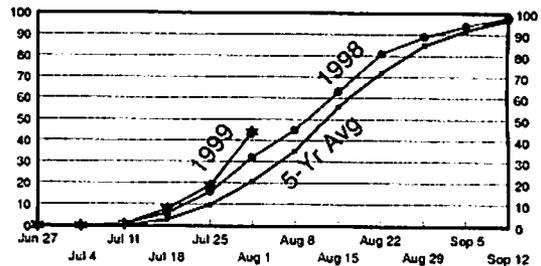
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The heat wave continued across most of the state last week, though scattered showers were a relief. Areas that were missed by the rains and crops planted in lighter, sandy soils are deteriorating very quickly. The percentage of corn rated good or excellent dropped another nine points between July 23 and July 30 and has dropped 27 points since July 9th. Corn progressed to 97 percent silked, 44 percent in the dough stage, and seven percent denting by the first of August. These compare to the five-year averages of 84 percent silked, 21 percent dough, and two percent dented. Similarly, the soybean condition has declined from 76 percent good to excellent on July 9, to 53 percent on July 30. Soybeans progressed to 94 percent blooming and 56 percent setting pods compared to the five-year averages of 74 percent blooming and 30 percent setting pods. Topsoil moisture was rated 26 percent very short, 42 percent short, 30 percent adequate and two percent surplus at the end of last week. The sorghum crop is developing quickly in the heat, with 64 percent headed compared to 23 percent headed by the same time last year and a five-year average of 25 percent. Oat harvest was 85 percent complete by August 1, compared to 65 percent last year and the five-year average of 59 percent. Other activities for last week included grain hauling, baling hay and straw, mowing and caring for heat stressed livestock.

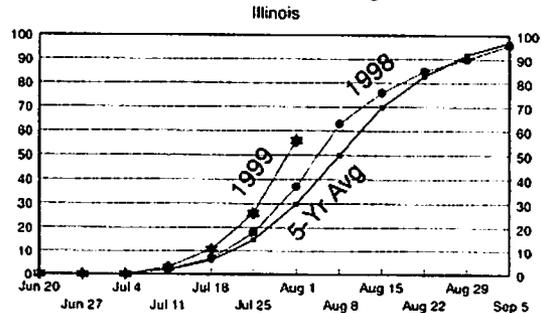
Crop Progress

Crop Stage	: 1999	: 1998	: 5-Year Average
August 1			
CORN:			
Silked	97	90	84
Dough	44	32	21
Dented	7	4	2
SOYBEANS:			
Blooming	94	81	74
Setting pods	56	37	30
SORGHUM:			
Headed	64	23	25
Coloring	9	1	3
OATS:			
Ripe	94	97	85
Harvested	85	65	59
ALFALFA HAY:			
Second cutting	96	94	88
Third cutting	24	19	16

Corn - Percent Dough
Illinois



Soybeans - Percent Setting Pods
Illinois



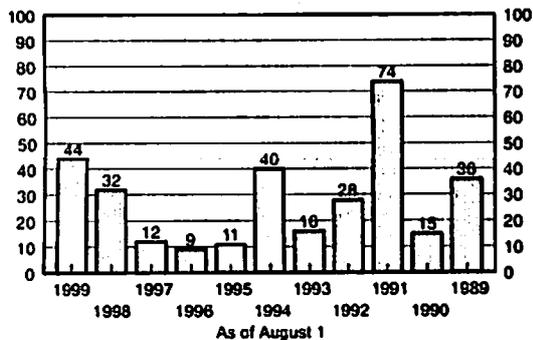
Crop Conditions

Crop	: Very Poor :	Poor :	Fair :	Good :	Excellent
July 30					
Corn	3	11	30	46	10
Soybeans	2	10	35	43	10
Sorghum	1	14	37	47	1
Pasture	10	18	38	30	4

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

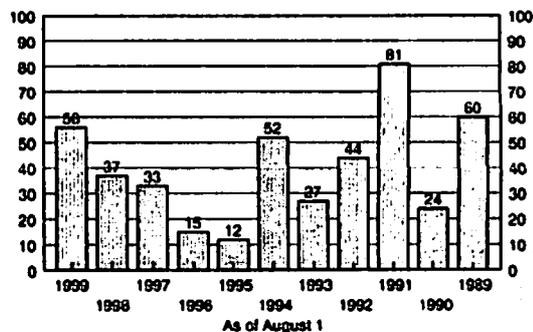
Corn - Percent Dough

Illinois



Soybeans - Percent Setting Pods

Illinois



Crop Progress by District

District : Corn Silked : Corn Dough: Soybeans Blooming : Soybeans Setting Pods

August 1

Northwest	94	13	84	30
Northeast	97	3	98	60
West	98	53	96	57
Central	98	49	99	81
East	99	58	99	52
W Southwest	97	65	94	63
E Southeast	92	50	92	45
Southwest	99	69	78	40
Southeast	96	48	86	40

Days Suitable for Fieldwork and Topsoil Moisture

District : Days Suitable for Fieldwork : Topsoil Moisture : Very Short : Short : Adequate : Surplus

District	July 24 - 30			July 30		
	Days Suitable	: Very Short	: Short	: Adequate	: Surplus	
Northwest	5.9	20	31	49	-	
Northeast	7.0	63	32	5	-	
West	6.2	41	25	34	-	
Central	4.8	8	37	50	5	
East	5.4	25	45	28	2	
W Southwest	6.4	26	58	16	-	
E Southeast	6.5	9	57	33	1	
Southwest	7.0	17	71	12	-	
Southeast	6.1	27	28	26	19	
State	6.0	26	42	30	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
----- July 26 - August 1 -----									
Northwest:									
Freeport	96	63	8	0.63	15.03	3.76	209	1741	148
Kewanee	96	65	7	2.18	14.55	2.39	216	1858	133
Moline	99	66	8	0.25	10.06	-3.61	233	2054	249
Mount Carroll	98	59	9	1.90	14.25	1.57	207	1801	276
Paw Paw	94	60	7	0.12	12.60	0.37	202	1720	173
Rochelle	99	65	8	0.65	16.19	3.97	220	1833	152
Rockford	97	64	8	0.84	12.29	-0.14	214	1862	251
Northeast:									
Aurora	99	62	9	0.00	7.40	-4.87	219	1894	271
Chicago	101	69	10	0.07	13.13	2.25	230	1936	336
De Kalb	99	63	9	0.27	16.66	4.21	221	1895	281
Lake Villa	100	64	10	0.13	11.06	-0.43	221	1810	366
McHenry	98	63	8	0.18	16.21	4.20	210	1794	243
Morris	100	65	10	0.70	16.20	4.88	234	2013	304
Ottawa	102	62	10	0.10	9.79	-2.03	239	2075	246
Park Forest	100	66	9	0.26	11.98	-0.14	227	1961	308
West:									
Bentley	100	66	10	1.09	13.02	0.37	242	2072	258
Galesburg	98	66	9	0.98	14.52	2.42	233	2052	238
Quincy	101	64	9	0.48	8.03	-5.11	242	2057	124
Central:									
Bloomington	99	60	5	1.38	15.10	3.04	212	1903	-31
Decatur	97	70	8	2.12	14.73	2.12	230	2070	121
Lincoln	98	67	8	1.29	13.35	1.03	226	2052	164
Peoria	96	67	7	1.48	12.39	0.39	225	2033	189
East:									
Champaign	94	68	7	3.06	10.70	-1.94	218	2074	211
Pontiac	98	67	8	0.25	13.49	1.60	222	1946	141
West Southwest:									
Carlinville	100	71	9	0.73	10.73	-1.12	241	2109	104
Morrisonville	98	66	8	0.10	10.28	-2.11	229	2042	109
Springfield	97	66	7	1.57	7.97	-2.71	232	2083	119
East Southeast:									
Brownstown	99	71	9	0.05	16.15	3.61	244	2210	269
Flora	99	73	8	0.62	14.97	2.43	241	2133	112
Hutsonville	101	71	8	0.43	13.78	0.86	244	2100	83
Iuka	102	72	9	0.26	13.92	1.56	248	2125	49
Lawrenceville	99	72	8	0.35	19.12	6.86	242	2203	181
Newton	95	71	6	0.27	14.69	2.68	216	2047	109
Paris	100	71	8	0.72	8.47	-4.56	236	2126	161
Windsor	101	69	10	0.51	13.52	1.72	246	2166	203
Southwest:									
Carbondale	101	66	7	0.03	8.24	-4.41	237	2212	146
Lebanon	101	73	9	0.57	12.23	0.91	247	2190	134
Olive Branch	100	71	8	0.25	10.86	-2.15	247	2266	125
Southeast:									
Mt Vernon	99	71	8	0.19	9.63	-2.33	246	2088	86

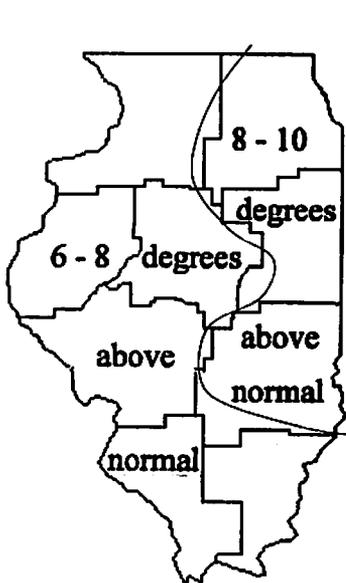
Departure is from the overall average for the week during the 1961-90 period. Precipitation and Growing Degree Day departures are from the 1961-90 average since May 1. Growing Degree Days are base 50 using a maximum temperature of 86 degrees.

NEWSPAPER TIME VALUE

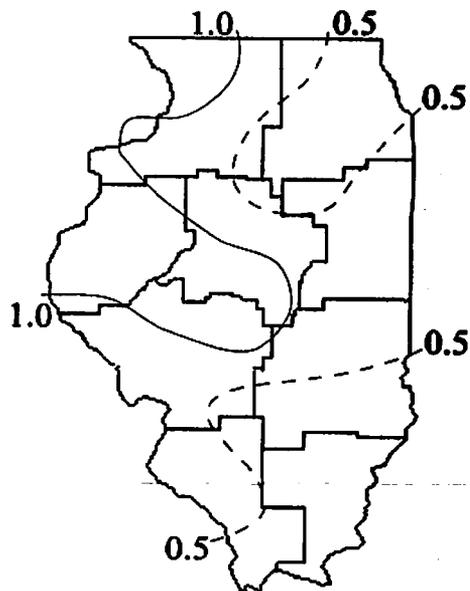
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Maps provided by the Illinois State Water Survey
Visit their home page at <http://mcc.sws.uiuc.edu>
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Temperature Departure
July 26 - August 1



Precipitation Total
July 26 - August 1

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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