ILLINOIS WEATHER & CROPS

ILLINOIS AGRICULTURAL STATISTICS SERVICE
P.O. Box 19283, Springfield, IL 62794-9283
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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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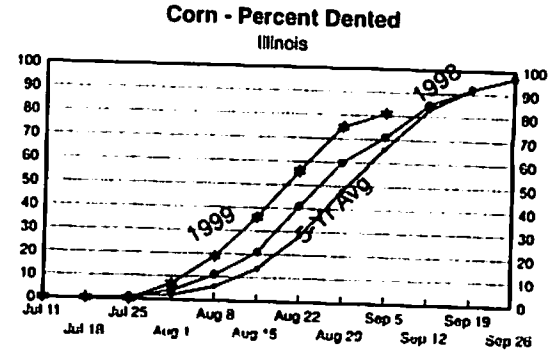
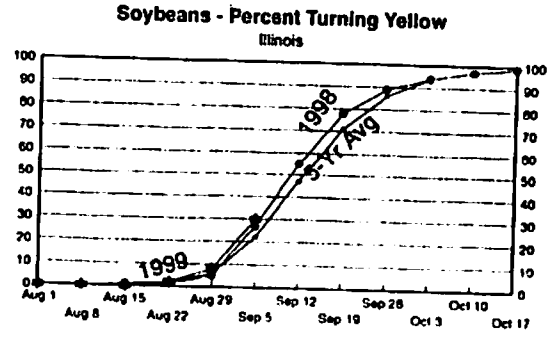
Most of the state went without rain last week. This caused continuing stress on the corn, soybean and hay crops, particularly in the southern districts. Because of poor pasture conditions, some livestock producers are even beginning to feed hay. Reports show all of the Southwest district and 96 percent of the Southeast district have topsoil moisture classified as short or very short, compared to the state average of 65 percent. Statewide, the corn crop was 29 percent mature by September 5, compared to 19 percent mature by the same time last year and a five-year average of 11 percent. Early planted and drought or wind damaged corn is being harvested, as well as many seed corn fields. Soybean progress as of September 5 is similar to the 1998 crop, with 30 percent turning yellow and six percent shedding leaves. The condition was rated nine percent excellent, 37 percent good, 37 percent fair, 12 percent poor and five percent very poor. Other activities last week included chopping silage, preparing harvest equipment, caring for livestock, cleaning out bins and hauling grain.

Crop Progress

Crop Stage	1999	1998	5-Year Average
	September 5		
CORN:			
Dough	99	94	92
Dented	81	71	66
Mature	29	19	11
SOYBEANS:			
Setting pods	98	96	97
Turning yellow	30	27	22
Shedding leaves	6	5	4
SORGHUM:			
Headed	99	91	94
Coloring	82	47	43
Mature	8	17	6
ALFALFA HAY:			
Third cutting	87	85	75

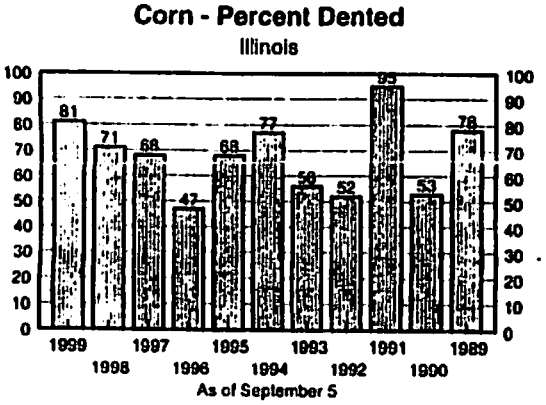


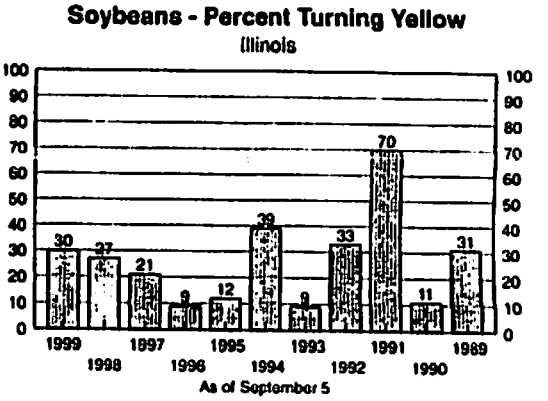


Crop Conditions

Crop	Very Poor	Poor	Fair	Good	Excellent
		September 3			
Corn	5	13	36	37	9
Soybeans	5	12	37	37	9
Sorghum	3	17	44	35	1
Pasture	16	20	35	26	3

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





Crop Progress by District

District	Corn Dented	Corn Mature	Soybeans Turning Yellow
		September 5	
Northwest	74	23	36
Northeast	80	16	27
West	91	19	34
Central	85	40	25
East	78	20	67
W Southwest	89	38	27
E Southeast	79	33	21
Southwest	92	31	12
Southeast	82	46	29

Days Suitable for Fieldwork and Topsoil Moisture

District	Days Suitable for Fieldwork	Topsoil Moisture: Very Short	Short	Adequate	Surplus
	Aug. 28 - Sept. 3		September 3		
Northwest	6.4	1	20	79	-
Northeast	6.9	10	60	30	-
West	6.8	29	38	33	-
Central	7.0	-	46	52	2
East	7.0	4	27	61	8
W Southwest	6.7	25	56	19	-
E Southeast	6.8	35	52	13	-
Southwest	7.0	39	61	-	-
Southeast	7.0	82	14	4	-
State	6.8	23	42	34	1

Weather Summary

Location	Temperature			Precipitation			Growing Degree Days		
	Maximum	Minimum	Departure	Current week	Since May 1	Departure	Current week	Since May 1	Departure
				August 30 - September 5					
Northwest:									
Freeport	91	50	3	0.58	17.84	2.20	134	2399	129
Kewanee	90	48	0	0.00	18.75	2.34	130	2536	74
Moline	93	50	4	0.00	13.65	-4.79	159	2831	257
Mount Carroll	93	44	3	0.00	16.43	-0.93	126	2453	279
Paw Paw	87	50	2	0.00	15.73	-1.11	124	2342	132
Rochelle	92	51	3	0.00	18.61	1.85	141	2473	73
Rockford	91	50	4	0.01	15.52	-1.63	143	2559	242
Northeast:									
Aurora	90	49	1	0.02	10.98	-5.69	129	2554	220
Chicago	92	52	3	0.00	15.43	-0.25	147	2693	354
De Kalb	90	53	4	0.00	19.30	2.29	147	2585	273
Lake Villa	90	54	5	0.00	13.63	-2.53	146	2522	414
McHenry	92	47	2	0.00	17.94	1.04	129	2454	225
Morris	92	53	4	0.00	20.24	4.99	150	2748	318
Ottawa	98	49	2	0.00	12.65	-3.43	150	2818	206
Park Forest	92	53	4	0.00	15.11	-1.12	151	2699	308
West:									
Bentley	96	56	7	0.00	15.81	-1.39	176	2907	327
Galesburg	92	54	4	0.00	17.45	1.00	157	2821	241
Quincy	95	56	6	0.00	9.29	-8.12	186	2929	179
Central:									
Bloomington	96	52	3	0.00	18.97	2.95	166	2699	-51
Decatur	92	53	1	0.00	19.67	2.53	154	2836	67
Lincoln	92	50	1	0.00	19.21	2.80	145	2783	111
Peoria	91	55	3	0.00	15.15	-0.45	161	2816	183
East:									
Champaign	91	51	1	0.01	17.19	0.06	145	2789	150
Pontiac	91	52	1	0.00	16.68	1.18	141	2653	85
West Southwest:									
Carlinville	95	54	2	0.00	13.18	-2.45	166	2933	97
Morrisonville	96	48	3	0.00	12.73	-3.47	164	2821	81
Springfield	92	50	2	0.00	12.62	-1.79	163	2876	99
East Southeast:									
Brownstown	94	53	4	0.00	18.21	2.51	169	3066	302
Flora	95	52	2	0.00	17.04	0.83	164	2950	80
Hutsonville	97	50	0	0.00	16.08	-0.86	150	2900	35
Iuka	97	53	2	0.50	16.62	0.81	167	2973	20
Lawrenceville	98	55	3	0.00	21.49	5.52	179	3070	196
Newton	91	49	-2	0.00	16.44	0.36	143	2768	15
Paris	96	54	3	0.00	10.88	-6.39	171	2937	152
Windsor	95	50	3	0.00	15.74	0.39	170	3012	227
Southwest:									
Carbondale	99	49	4	0.25	9.83	-7.30	178	3086	155
Lebanon	95	55	3	0.00	13.97	-1.16	173	3049	137
Olive Branch	98	52	3	0.05	11.77	-5.59	181	3176	129
Southeast:									
Mt Vernon	97	55	3	0.00	10.69	-4.86	171	2930	70

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.

Data prepared by AWIS, Inc.
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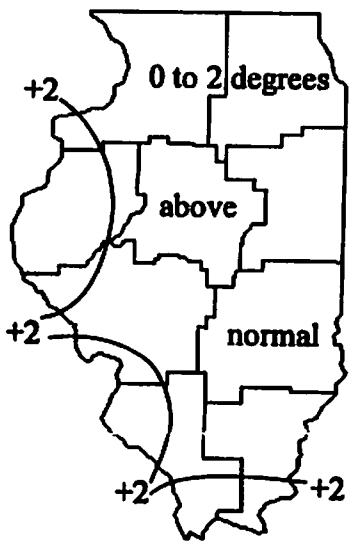
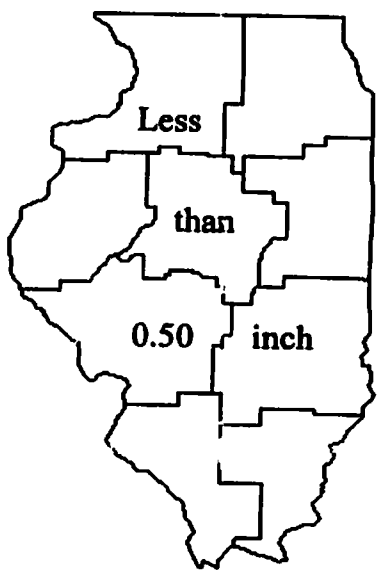


Temperature Departure
August 30 - September 5



Precipitation Total
August 30 - September 5

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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