

# ILLINOIS WEATHER & CROPS



**ILLINOIS  
AGRICULTURAL  
STATISTICS SERVICE**

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U.S. DEPARTMENT OF AGRICULTURE  
ILLINOIS DEPARTMENT OF AGRICULTURE

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## CROPS

The soybean crop made notable progress last week, as 95 percent of the acreage was setting pods, while corn development caught up with last year with 85 percent of the crop reaching the dough stage. Farmers have continued to report crops in generally good condition, but have expressed concerns for the soybean crop, as reports have indicated fields with Sudden Death Syndrome (SDS) throughout most of the state. Other concerns related to heat stressed livestock, weed control, poor quality hay and insect problems. Main farm activities included baling hay, mowing, preparing harvest equipment, cleaning grain bins, tending livestock, harvesting fruit and vegetables, and attending field demonstration plot tours. There was an average of five days suitable for fieldwork last week. Pasture condition was rated 96 percent of normal.

### CROP PROGRESS - AUGUST 29, 1993

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Crop Stage : 1993 : 1992 : 5-Year  
: : : Average  
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#### Percent

#### CORN:

Dough	85	85	89
Dented	38	39	60
Mature	1	3	17

#### SOYBEANS:

Setting pods	95	96	97
Turning yellow	3	12	21
Shedding leaves	1	3	7

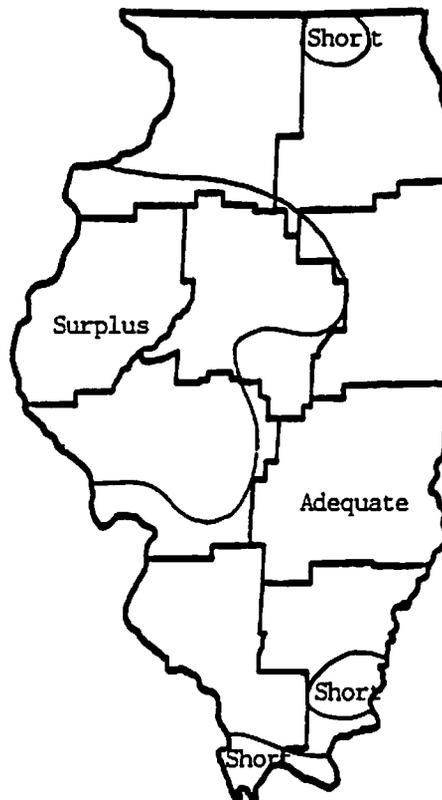
#### SORGHUM:

Headed	89	97	92
Turning color	21	50	46
Mature	1/	3	7

#### ALFALFA HAY:

Third cutting	50	65	67
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1/ Less than one percent



Soil Moisture Supply  
August 27, 1993

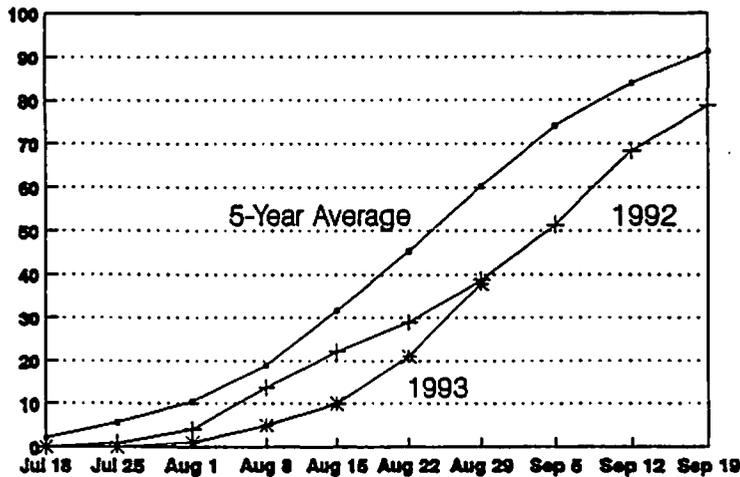
**CROP CONDITIONS AUGUST 27, 1993**

Crop	Excellent	Good	Fair	Poor	Very Poor
	Percent	Percent	Percent	Percent	Percent
Corn	20	68	11	1	-
Soybeans	13	70	16	1	-
Sorghum	6	79	15	-	-

**ILLINOIS DISTRICT SUMMARY**

District	Corn Acreage: % Dented	Days Suitable For Fieldwork	Soil Moisture Percent		
			Short	Adequate	Surplus
	As of August 29	August 21-27	As of August 27		
Northwest	15	5.0	0	60	40
Northeast	25	5.5	10	75	15
West	40	5.0	0	20	80
Central	60	4.0	0	45	55
East	30	4.0	0	70	30
W Southwest	55	4.5	0	55	45
E Southeast	40	5.5	0	95	5
Southwest	35	5.5	15	80	5
Southeast	55	6.0	30	70	0
State	38	5.0	5	64	31

**Corn - Percent Dented  
Illinois**



## WEATHER

Hot, humid weather with spotty rain was the rule for this period. High temperatures averaged from the mid 80's north to the mid 90's in the south, 6 to 10 degrees above normal. At the extreme, highest temperatures of 96 degrees were reported at Iuka and Olive Branch and in areas adjacent to the state, 97 degrees was reported at Cape Girardeau, Missouri and Paducah, Kentucky.

Minimum relative humidities held above 60 percent most days. In the humid air, low temperatures averaged around 70 degrees, 8 to 12 degrees above normal.

Rainfall was spotty with totals from less than a tenth of an inch in parts of the south to over an inch at Elizabeth in the northwest and over 2 inches at some Chicago locations.

The warm weather contributed to above normal degree day accumulations. Totals, since May 1st, range from around 2200 in the north, to over 2800 in the south. These numbers represent accumulations in excess of normal by 150 to 230 over much of the state.

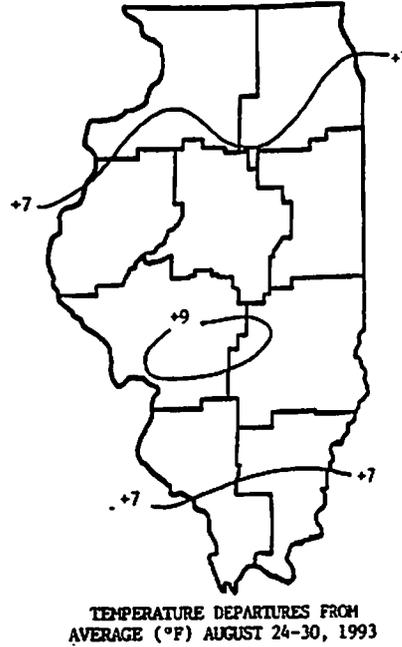
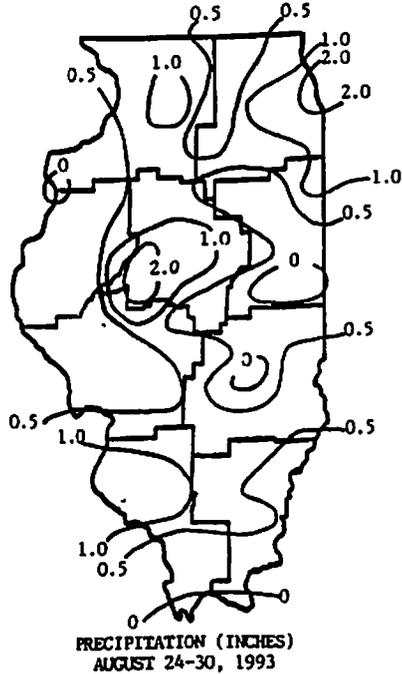
Week ending 8 A.M. Monday, August 30, 1993

Location	Temperatures			Precipitation			Growing Degree Days (50F)		
	Maxi- : mum	Mini- : mum	Depar- : ture	Curr- : week	Since : May 1	Departure : since May 1	Curr- : week	Since : May 1	Departure : since May 1
Elizabeth	84	63	7	1.41	26.37	11.16	164	2164	54
Rockford	85	68	8	0.88	20.98	4.59	181	2424	204
Chicago	87	70	9	2.25	20.74	5.82	190	2400	176
Chi Botanical	86	69	9	2.58	19.23	4.65	183	2268	303
Watseka	89	70	11	0.67	27.76	11.97	201	2557	284
Peru	87	68	8	0.49	19.25	3.29	187	2437	70
Moline	88	71	10	0.15	28.01	10.34	200	2668	219
Peoria	90	72	10	0.99	27.00	11.98	205	2696	198
Kilbourne	91	71	10	0.29	16.72	0.26	202	2698	191
Monmouth	87	69	8	0.13	32.99	17.11	192	2459	-31
Quincy	90	71	9	0.10	19.50	2.87	204	2700	111
Perry	92	70	9	0.44	19.20	3.44	199	2603	38
Springfield	92	73	10	0.49	21.46	7.76	210	2799	193
Urbana	90	71	9	0.39	24.47	8.01	203	2693	195
Windsor	91	71	9	0.51	15.89	1.10	203	2792	171
Terre Haute	92	70	10	0.16	11.43	-5.01	200	2682	149
St. Louis	94	77	N/A	0.54	21.58	N/A	223	3113	N/A
Belleville	93	72	9	0.00	18.92	4.45	206	2977	281
Brownstown	92	70	9	0.87	19.36	4.18	200	2713	114
Iuka	93	69	8	0.90	17.47	1.87	196	2769	125
Lawrenceville	93	71	10	0.21	18.18	1.90	204	2762	76
Vincennes	93	70	9	0.16	13.55	-2.68	199	2670	86
Dixon Springs	94	71	8	0.00	16.44	-0.91	202	2944	222
Paducah	95	70	8	0.12	10.97	-5.52	201	3102	224
Olive Branch	94	71	8	0.00	12.05	-4.54	204	2895	74
Carbondale	93	69	8	0.06	13.19	-3.17	197	2856	146
C Girardeau	95	72	N/A	0.03	13.59	N/A	205	3078	N/A

N/A - Not available.

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Champaign, Illinois 61820



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