

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

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U.S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE

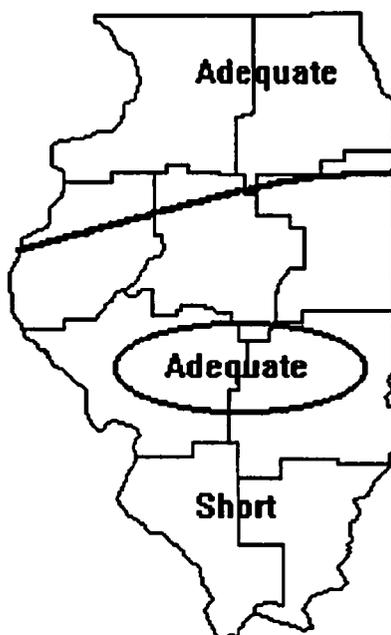
RELEASED: August 1, 1994 3 P.M., CDT
VOL. 15, NO. 22

CROPS

Dry weather statewide last week caused a shift in soil moisture from primarily adequate on July 22 to primarily short at the end of last week. Fifty-seven percent of the state was rated as short of soil moisture and 43 percent adequate. Cool weather lessened crop and livestock stress and provided pleasant conditions for attending numerous county fairs and field days across the state. Harvesting of oats, sweet corn, green beans, watermelon, cantaloupe and peaches continues as farmers were emptying storage facilities in preparation for the fall harvest. As the second and third crop hay is being baled insect damage from aphids and potato leafhoppers were noted and some spraying was being done. Spider mites in dry pockets continue to be a concern in soybeans with spraying being noted in the Central and East Districts. Spraying for corn rootworm beetle was also being done in a few areas in the north. Pasture condition was rated at 83 percent of normal as of July 29.

CROP PROGRESS - July 31, 1994

Crop Stage	1994	1993	5-Year Average
Percent			
CORN:			
Silked	98	78	87
Dough	38	16	32
Dented	6	1	7
SOYBEANS:			
Blooming	87	74	80
Setting Pods	49	26	45
SORGHUM:			
Headed	54	27	43
Coloring	7	1	5
OATS:			
Ripe	98	69	89
Harvested	89	29	63
ALFALFA HAY:			
Second Crop	95	75	87
Third Crop	19	10	17



**Soil Moisture Supply
July 29, 1994**

The crops portion (pages 1 and 2) of Illinois Weather & Crops is available by facsimile. Phone 217-492-4295 for further information.

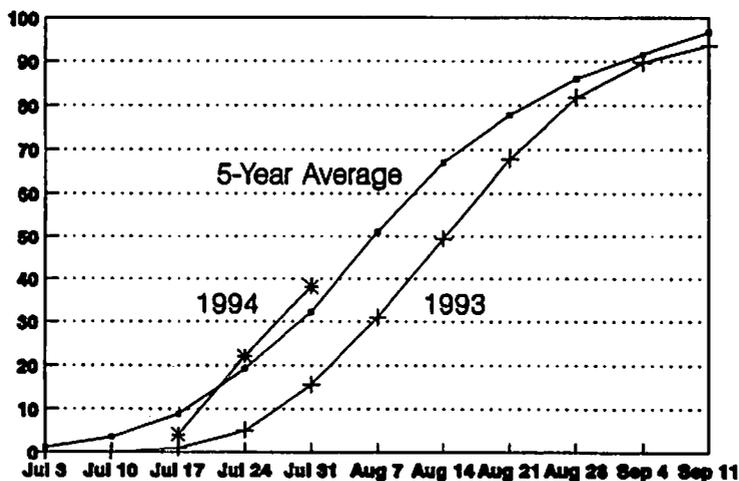
CROP CONDITIONS JULY 29, 1994

Crop	Excellent	Good	Fair	Poor	Very Poor
	Percent				
Corn	20	64	14	2	-
Soybeans	13	68	19	-	-
Sorghum	6	80	14	-	-
Alfalfa Hay	12	69	16	3	-

ILLINOIS DISTRICT SUMMARY

District	Soybean Acreage % Setting Pods	Corn Acreage % Dough	Days Suitable For Fieldwork	Soil Moisture Percent	Short	Adq.	Surplus
	As of July 31	As of July 31	July 23-29	As of July 29			
Northwest	40	20	7.0	5	95	0	
Northeast	60	20	6.5	20	80	0	
West	35	25	6.5	70	30	0	
Central	60	55	6.5	70	30	0	
East	65	40	6.5	65	35	0	
W Southwest	35	35	6.5	60	40	0	
E Southeast	40	40	6.5	65	35	0	
Southwest	30	30	7.0	85	15	0	
Southeast	35	40	6.5	80	20	0	
State	49	38	6.75	57	43	0	

**Corn - Percent Dough
Illinois**



WEATHER

Cooler and drier than normal weather occurred the past seven days across Illinois. A northwest flow of air tended to dominate Illinois weather which limited return of Gulf moisture.

Daily high temperatures averaged from upper 70's to lower 80's in the north to the low and mid 80's in the south, which was 3 to 6 degrees below normal across Illinois. Lows averaged in the mid 50's to lower 60's across much of the state, which was 3 to 9 degrees below normal most areas. Highest readings for the period were in the mid 80's to lower 90's.

Rainfall totals averaged less than 0.15 inch, except for up to 0.65 inch in the far south. This was drier than normal across Illinois by around 0.60 to 1.00 inch.

Growing degree day accumulations, base 50, since May 1 were averaging mostly around 50 to 150 degree days ahead of normal, except for 15 to 125 behind norm over parts of the west central and south central.

Scattered thunderstorms will occur for the period Wednesday through Friday. Highs will be mostly in the 80's north to around 90 in the south with lows in the 60's to around 70.

Week ending 8 A.M. Monday, August 1, 1994

Location	Temperatures			Precipitation :Curr.:Since: :week:May 1:	Precipitation :Departure :since May 1:	Growing Degree Days (50F)			
	:Maxi- :mum	:Mini- :mum	:Depar- :ture			:Curr.: :week	:Since :May 1:	:Departure :since May 1	
Elizabeth	79	50	-7	0.00	17.41	6.13	111	1545	-3
Rockford	80	57	-5	0.00	10.58	-1.90	132	1758	137
Chicago	81	59	-3	0.00	8.81	-2.16	143	1748	147
Chi Botanical	81	58	-2	0.08	5.99	-4.72	136	1591	210
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Watseka	79	55	-5	0.03	7.50	-4.91	125	1769	92
Peru	80	57	-5	0.00	9.07	-3.17	132	1798	56
Moline	81	58	-6	0.00	12.55	-1.07	139	1854	55
Peoria	82	58	-5	0.00	5.23	-6.73	146	1918	85
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Monmouth	79	57	-7	0.01	9.65	-2.61	131	1774	-63
Quincy	81	61	-5	0.00	9.46	-3.55	149	1881	-18
Perry	82	55	-7	0.00	8.61	-3.82	134	1759	-128
Springfield	82	61	-4	0.00	12.16	1.48	154	1987	51
Urbana	81	58	-5	0.00	6.96	-5.68	138	1849	5
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Windsor	82	60	-5	0.13	9.76	-1.99	151	1955	25
Terre Haute	83	61	-3	0.00	10.03	-2.93	157	2005	144
St. Louis	84	65	N/A	0.00	6.11	N/A	171	2222	N/A
Belleville	83	62	-4	0.07	7.85	-3.42	160	2117	125
Brownstown	81	56	-7	0.04	8.12	-4.31	135	1878	-32
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Iuka	82	59	-6	0.14	8.99	-3.50	147	1929	-16
Lawrenceville	83	59	-6	0.00	8.80	-4.00	149	1895	-80
Vincennes	83	57	-6	0.00	9.61	-3.37	141	1829	-68
Dixon Springs	84	60	-5	0.26	7.15	-6.74	156	2071	72
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Paducah	86	60	-6	0.65	6.49	-6.75	157	2177	52
Olive Branch	84	59	-7	0.36	8.58	-4.36	152	2103	21
Carbondale	83	58	-7	0.22	9.16	-3.46	148	1976	-29
C Girardeau	86	62	N/A	0.12	6.20	N/A	166	2196	N/A

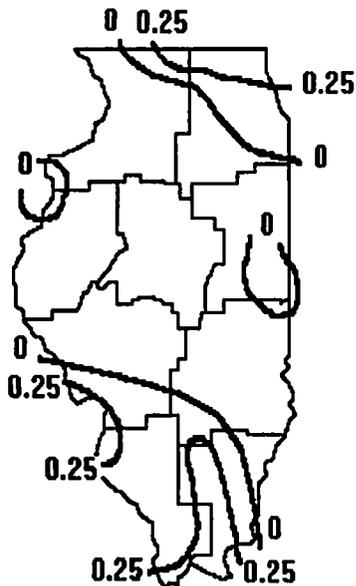
N/A - Not available.

NEWSPAPER TIME VALUE

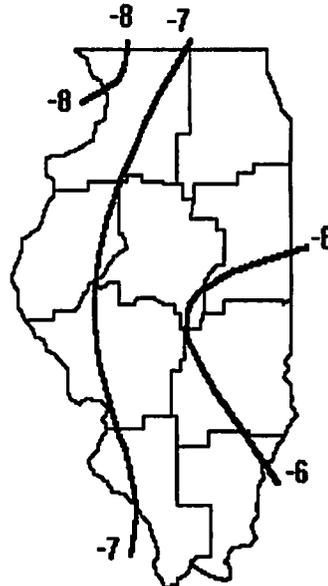
Illinois Weather & Crops
August 1, 1994

Illinois Weather & Crops (ISSN 0273-8635) is published weekly April-November, semiweekly the second week of June, monthly December-March, by the Illinois Dept. of Agriculture, Illinois Agricultural Statistics Service, Room 54, Department of Agriculture Bldg., 801 Sangamon Ave., Springfield, IL 62702. For information on subscribing, send request to the above address. Second-class postage paid at Springfield, Illinois. Postmaster: Send Address Change to Illinois Weather & Crops, P.O. Box 19283, Springfield, IL 62794-9283.

Weather maps provided by Illinois State Water Survey
Champaign, Illinois 61820



Precipitation (inches)
July 26-August 1, 1994



Temperature Departure
July 26-August 1, 1994

CROP PROGRESS INFORMATION in this report is provided voluntarily by local area officials of Agricultural Stabilization and Conservation Service, Extension Service, Soil Conservation Service, Farm Business Farm Management field staff, and agribusiness managers.