

# ILLINOIS WEATHER & CROPS



**ILLINOIS  
AGRICULTURAL  
STATISTICS SERVICE**

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U.S. DEPARTMENT OF AGRICULTURE  
ILLINOIS DEPARTMENT OF AGRICULTURE

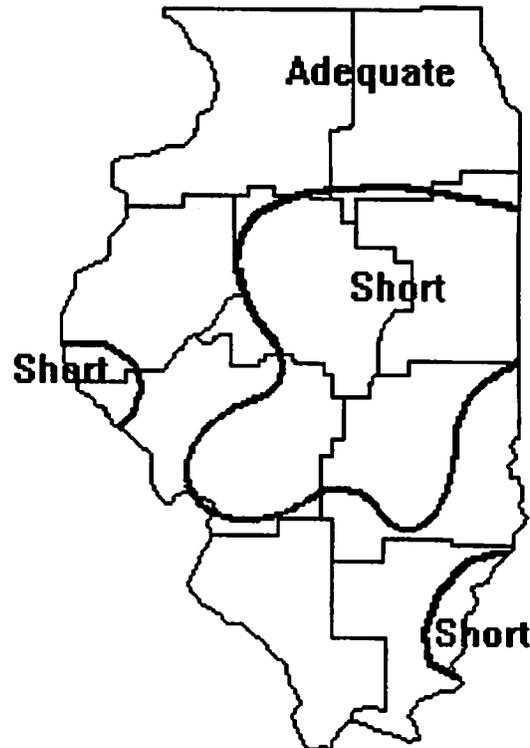
**RELEASED: July 18, 1994 3 P.M., CDT**  
**VOL. 15, NO. 20**

## CROPS

More than two thirds of the corn acreage had reached the silking stage by July 17 and more than half of the soybean acreage was blooming. In spite of scattered showers, more than a third of the state was lacking soil moisture. Insect pressure on crops in the dry central and east districts resulted in aerial spraying for corn rootworm beetles and spider mites last week. Crop scouts also noted leafhoppers in alfalfa and corn borers across the state with the most noticeable areas the central and east. Harvest of wheat and oats was delayed periodically in the north as scattered showers fell on and off most of the week across northern Illinois. Wheat harvest statewide was nearly completed last week with straw baling and double crop soybean planting immediately following the harvest. Double crop beans planted early in the southern districts are emerging well and post emergence herbicides are being applied. Peach and sweet corn harvest had begun last week and detasseling of seed corn continues. Other farm activities last week included hauling grain, preparing bins for harvest and attending county fairs. Pasture condition was rated at 88 percent of normal as of July 15.

### CROP PROGRESS - July 17, 1994

Crop Stage	1994	1993	5-Year Average
Percent			
<b>CORN:</b>			
Silked	69	21	50
Dough	4	1	9
<b>SOYBEANS:</b>			
Blooming	57	31	53
Setting Pods	11	3	17
<b>SORGHUM:</b>			
Headed	12	2	12
<b>WHEAT:</b>			
Harvested	96	79	89
<b>OATS:</b>			
Turning Yellow	97	55	82
Ripe	82	17	53
Harvested	30	2	27
<b>ALFALFA HAY:</b>			
Second Crop	80	51	65
Third Crop	7	3	5



**Soil Moisture Supply  
July 15, 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 15, 1994**

Crop	Excellent	Good	Fair	Poor	Very Poor
			Percent		
Corn	29	58	13	-	-
Soybeans	15	71	14	-	-
Sorghum	10	83	7	-	-
Oats	10	70	17	3	-
Alfalfa Hay	13	73	12	2	-

**ILLINOIS DISTRICT SUMMARY**

District	Soybean	Corn	Days	Soil Moisture		
	Acreage % Blooming	Acreage % Silking	Suitable For Fieldwork	Percent		
	As of July 17	As of July 17	July 9-15	As of July 15		
Northwest	55	65	4.5	0	100	0
Northeast	65	55	5.0	5	95	0
West	65	70	6.5	40	60	0
Central	70	70	6.5	65	35	0
East	65	80	6.0	70	30	0
W Southwest	55	60	6.5	55	45	0
E Southeast	45	45	6.0	30	70	0
Southwest	45	50	6.0	35	65	0
Southeast	40	45	6.0	25	75	0
State	57	69	6.0	36	64	0

**PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES**

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
June	6.02	5.27	3.43	3.35	3.21	4.38	5.04	4.90	4.67	4.53
Departure	1.84	1.21	-0.52	-0.46	-0.63	0.67	1.28	1.16	0.82	0.69

**JUNE WEATHER SUMMARY**

Temperatures and precipitation were above normal in Illinois during June.

The average temperature departure for the state was one degree above normal. The Southwest District recorded the largest above normal variation.

Chicago, in the Northeast District, recorded the highest temperature, 95 degrees on the 15th.

The average precipitation for the state was 0.69 of an inch above normal.

The largest above normal precipitation was in the Northwest District, 1.84 inches above normal. Chicago, in the Northeast District, recorded 3.79 inches during a 24 hour period.

## WEATHER

A frontal boundary held near the state through much of the week bringing scattered showers to most all areas. Coverage of the moisture was spotty with best coverage and amounts over the northern third of the state. Subdued temperatures aided corn nearing the reproductive phase as maximum readings held only in the upper 80's to lower 90's.

Temperatures were near normal east for the period with readings some 2 to 3 degrees sub-normal west. Average highs ranged in the low to mid 80's with average lows generally in the 60's. Resulting mean temperatures reached from near 70 far northwest to the mid 80's south.

While a half-dozen precipitation totals were in excess of an inch the remaining sections of the state often noted minimal rainfall. Coverage of the moisture was typical of summer with highly sporadic coverage and amounts.

Week ending 8 A.M. Monday, July 18, 1994

Location	Temperatures			Precipitation			Growing Degree Days (50F)		
	: Maxi- : mm	: Mini- : mm	: Deapar- : ture	: Curr- : week	: Since: : May 1:	: Departure : since : May 1:	: Curr- : week	: Since : May 1:	: Departure : since : May 1:
Elizabeth	82	56	-3	1.64	15.86	6.23	133	1290	51
Rockford	81	64	-1	0.99	10.02	-0.60	161	1463	164
Chicago	83	65	1	0.09	7.77	-1.47	172	1423	144
Chi Botanical	82	63	1	0.70	10.06	0.97	157	1297	192
Watseka	83	63	-1	0.66	7.10	-3.51	162	1475	119
Peru	83	62	-2	0.25	7.51	-2.88	158	1481	75
Moline	84	64	-1	2.58	11.75	0.33	169	1536	87
Peoria	87	65	0	0.01	4.38	-5.83	182	1586	108
Monmouth	83	63	-3	1.50	8.19	-2.15	161	1469	-17
Quincy	83	65	-3	0.18	9.22	-1.82	170	1551	16
Perry	85	60	-4	0.31	7.91	-2.62	157	1452	-71
Springfield	86	66	0	0.21	11.19	2.09	183	1641	69
Urbana	85	63	-1	0.12	5.90	-4.73	170	1532	35
Windsor	85	65	-1	0.80	6.84	-3.18	180	1568	-7
Terre Haute	87	66	1	1.24	8.78	-2.05	185	1658	147
St. Louis	89	72	N/A	0.03	5.59	N/A	207	1845	N/A
Belleville	88	68	1	0.03	7.22	-2.49	191	1746	115
Brownstown	86	65	-1	1.03	7.24	-3.49	179	1577	27
Iuka	86	65	-1	0.49	7.52	-3.32	180	1584	-11
Lawrenceville	86	65	-1	0.28	8.77	-1.99	178	1563	-49
Vincennes	86	64	-1	0.26	9.59	-1.50	176	1512	-35
Dixon Springs	86	68	0	0.60	5.84	-6.18	192	1728	93
Paducah	87	71	0	1.05	5.81	-5.63	201	1819	72
Olive Branch	85	65	-3	0.32	5.51	-5.62	179	1744	38
Carbondale	85	67	-2	0.04	8.84	-1.99	183	1639	-2
C Girardeau	88	70	N/A	0.65	5.94	N/A	199	1830	N/A

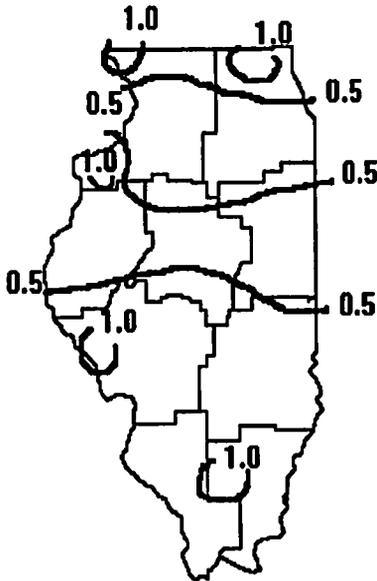
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NEWSPAPER TIME VALUE

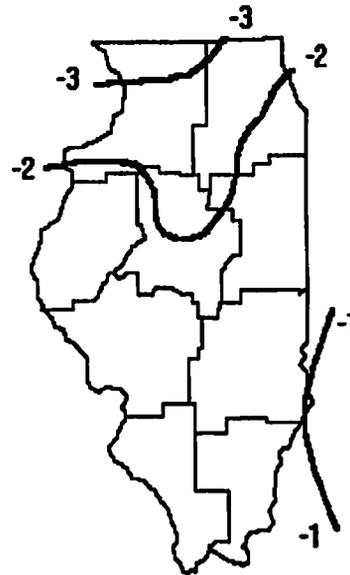
Illinois Weather & Crops  
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Illinois Weather & Crops (ISSN 0273-8635) is published weekly April-November, semiweekly the second week of June, monthly December-March, by the Illinois Dept. of Agriculture, Illinois Agricultural Statistics Service, Room 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 12-18, 1994



Temperature Departure  
July 12-18, 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.

"Printed by authority of the State of Illinois" 7/18/94, 2,850, 1444

