

# ILLINOIS WEATHER & CROPS



ILLINOIS  
AGRICULTURAL  
STATISTICS SERVICE

P.O. Box 19283, Springfield, IL 62794-9283  
Phone: (217)492-4295

U.S. DEPARTMENT OF AGRICULTURE  
ILLINOIS DEPARTMENT OF AGRICULTURE

**RELEASED: JULY 3, 1989, 3 P.M., CDT**  
**VOL. 10, NO. 16**

## CROPS

The condition of most crops improved during the week ending June 30. Good weather conditions helped crops develop rapidly once again this past week. Soil moisture conditions still vary greatly, from short in the Northwest to mostly adequate or surplus in the South. Wheat harvest is progressing rapidly, however, it is still behind average for the date. Canola harvest is also well underway. Last week farmers were harvesting canola and wheat, beginning to plant double crop soybeans, mowing and baling hay, cultivating corn and soybeans, mowing roadsides and applying herbicides. There was an average of five and three-quarter days suitable for fieldwork during the week of June 24-June 30.

Condition of the **CORN** crop on June 30 was reported as 13% excellent, 78% good, and 9% fair. On July 2, the average height of all corn that had emerged was 45 inches, compared to 50 inches last year and the 5-year average (1984-88) of 52 inches. The average height of the most advanced fields was 61 inches, compared to 65 inches last year and the average of 69 inches. One percent of the crop had silked (tassled) by July 2 compared to 6% last year and the average of 14%.

On July 2, 13% of the **SOYBEAN** crop was blooming, compared to 23% last year and the average of 25%. One percent of the crop was setting pods compared to 2% for both last year and the average. Condition of the crop that had emerged by June 30 was 8% excellent, 75% good, and 17% fair.

Condition of **WINTER WHEAT** on June 30 was reported as 33% excellent, 64% good, and 3% fair. By July 2, 90% of the wheat crop was ripe, compared to 100% last year and the average of 91%. By July 2, 55% of the winter wheat acreage had been harvested, compared to 91% last year and the average of 69%.

**OAT** condition on June 30 was reported as 18% excellent, 74% good, and 8% fair. Eighty-four percent of the acreage was filled by July 2, compared to 95% last year and the average of 94%. Twenty-six percent of the crop was turning yellow, compared to 73% last year and the average of 62%. By July 2, 3% of the crop was ripe, compared to 29% last year and the average of 22%.

Condition of **SORGHUM** on June 30 was reported as 15% excellent, 76% good, and 9% fair.

Cutting of the second crop of **ALFALFA HAY** was 38% complete, compared to 54% last year and the average of 41%. Condition of the crop on June 30 was reported as 6% excellent, 58% good, 34% fair, and 2% poor.

Cutting of **CLOVER HAY** on July 2 was 80% complete, compared to 94% last year and the average of 91%. Condition of the crop on June 30 was reported as 8% excellent, 68% good, 23% fair, and 1% poor.

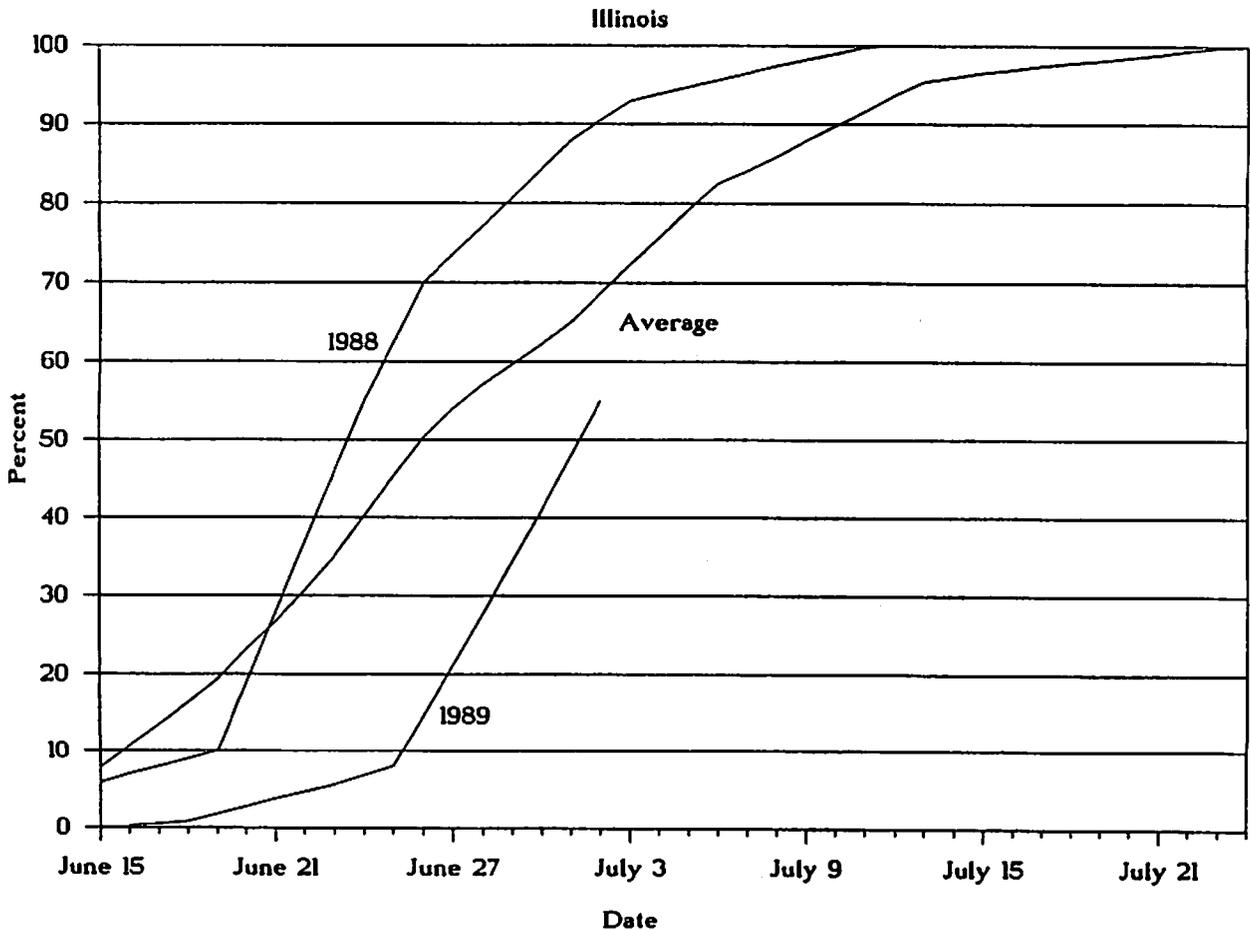
**PASTURE** condition, as of June 30, was rated as 8% excellent, 54% good, 34% fair, and 4% poor.

**SOIL MOISTURE**, as of June 30, was reported as 58% short, 37% adequate, and 5% surplus.

**ILLINOIS DISTRICT SUMMARY**

District	Soybeans % Blooming	Days Suitable For Fieldwork	Soil Moisture Percent		
			Short	Adequate	Surplus
	As of July 2		As of June 30		
Northwest	8	6.5	100	0	0
Northeast	5	6.5	85	15	0
West	10	6.0	80	20	0
Central	10	5.5	85	15	0
East	15	5.0	50	50	0
W Southwest	15	5.5	75	25	0
E Southeast	5	5.5	25	75	0
Southwest	15	5.0	10	65	25
Southeast	20	5.0	10	70	20
State	13	5.75	58	37	5
5-Year Avg.	25				

## Wheat - Percent of Acreage Harvested



**WEATHER**

THE WEEK ENDING JULY 3 BROUGHT A WIDE RANGE OF TEMPERATURES TO ILLINOIS ALONG WITH A HIGHLY VARIABLE RAIN PATTERN ACROSS THE STATE. MAXIMUM TEMPERATURES HIT THE LOWER 90'S AT THE BEGINNING OF THE WEEK. BEFORE A COLD FRONT ARRIVED TO DRAW READINGS DOWN TO MINIMA IN THE RANGE OF UPPER 40'S NORTH TO UPPER 50'S IN THE SOUTH. AVERAGE TEMPERATURES FOR THE WEEK WERE ONE OR TWO DEGREES BELOW NORMAL IN MOST AREAS.

THE COLD FRONT TRIGGERED A FEW HEAVY SHOWERS, MOSTLY IN NORTHEAST AND EAST CENTRAL AREAS, BUT THE HEAVIEST RAINS OF THE WEEK WERE CONCENTRATED IN THE SOUTH AS A RESULT OF THE REMNANTS OF TROPICAL STORM ALLISON MOVING IN OVER THE WEEKEND. WEEKLY TOTALS VARIED FROM LESS THAN A TENTH OF AN INCH IN PARTS OF THE NORTH TO AROUND AN INCH AND A QUARTER WHERE THE HEAVIER SHOWERS OCCURRED IN THE NORTHEAST. AT THE SOUTHERN END OF THE STATE, ONE INCH TOTALS WERE COMMON, AND THERE WERE INSTANCES OF MORE THAN THREE INCHES.

FOR THE WEEK AHEAD, SUNSHINE WILL BE THE MAIN INGREDIENT LEADING TO TEMPERATURES CLIMBING TO AROUND 90 EACH DAY AND SINKING BACK ONLY TO THE UPPER 60'S TO NEAR 70 AT NIGHT. HIGH PRESSURE IS EXPECTED TO KEEP RAIN OUT OF THE PICTURE WEDNESDAY THROUGH FRIDAY, THOUGH THE WARM AND HUMID AIR COULD SPAWN ISOLATED THUNDERSHOWERS.

Week ending 8 A.M. Monday, July 3, 1989

Location	Temperatures			Precipitation			Growing Degree Days (50F)		
	Maxi- mum	Mini- mum	Depart- ture	Curr. week	Since May 1	Departure since May 1	Curr. week	Since May 1	Departure since May 1
ELIZABETH	86	53	-1	0.17	4.84	-3.83	139	905	-67
ROCKFORD	86	59	1	0.19	5.40	-3.42	156	1005	51
CHICAGO	82	56	-1	0.00	3.60	-4.01	138	979	43
CHI BOTANICAL	80	58	-4	0.00	4.93	-2.78	136	843	-185
ELWOOD	83	58	-1	1.24	8.39	-0.03	148	1015	43
WATSEKA	84	59	-1	1.23	6.65	-2.48	155	1005	-61
PERU	86	58	-1	1.05	4.40	-3.88	153	1062	-40
MOLINE	87	60	0	0.00	6.73	-2.28	163	1049	-15
PEORIA	84	61	0	0.34	3.54	-4.57	161	1078	0
KILBOURNE	85	59	-2	0.30	4.30	-4.37	157	1088	-87
MONMOUTH	84	60	-1	0.11	7.36	-0.90	156	999	-108
QUINCY	86	63	0	0.14	3.66	-5.13	171	1117	-38
PERRY	85	61	-2	1.32	7.24	-1.04	162	1055	-143
SPRINGFIELD	84	62	-2	0.31	5.07	-2.36	165	1090	-100
URBANA	84	60	-1	0.30	6.82	-1.13	156	1096	-29
WINDSOR	86	64	0	0.00	5.79	-2.89	175	1106	-85
TERRE HAUTE	84	63	0	1.42	6.28	-2.07	168	1085	-41
ST LOUIS	87	68	NA	1.11	6.42	NA	192	1307	NA
BELLEVILLE	86	65	0	0.90	8.99	0.87	181	1141	-122
BROWNSTOWN	85	63	-1	0.70	7.67	-1.30	167	1110	-99
IUKA	83	62	-3	3.04	8.91	0.55	161	1068	-194
LAWRENCEVILLE	85	61	NA	2.34	9.15	NA	164	1097	NA
VINCENNES	85	63	-1	1.92	10.11	1.48	170	1146	-66
DIXON SPRINGS	87	66	-1	1.56	7.17	-1.69	184	1248	-106
PADUCAH	84	68	-1	7.35	14.75	5.60	184	1297	-62
OLIVE BRANCH	86	68	0	1.46	8.80	-0.20	192	1197	-92
CARBONDALE	84	65	-2	0.10	8.76	0.11	175	1156	-139
C GIRARDEAU	84	70	NA	4.72	13.40	NA	192	1318	NA

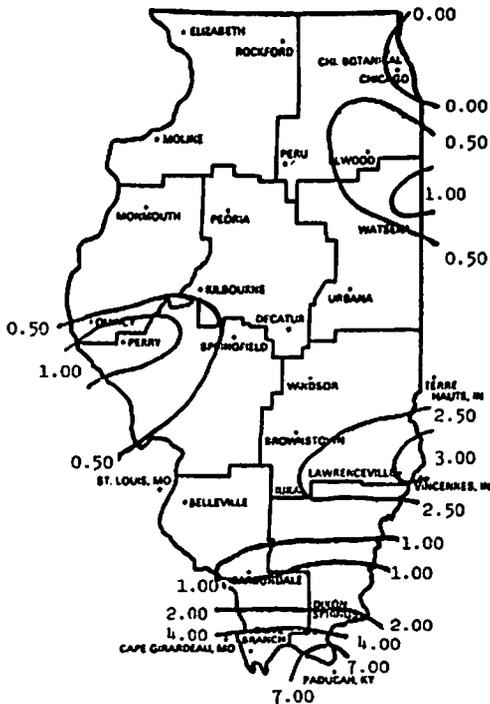
Information above provided by Midwest Agricultural Weather Service Center  
Purdue University, West LaFayette, Indiana 47907

NEWSPAPER TIME VALUE

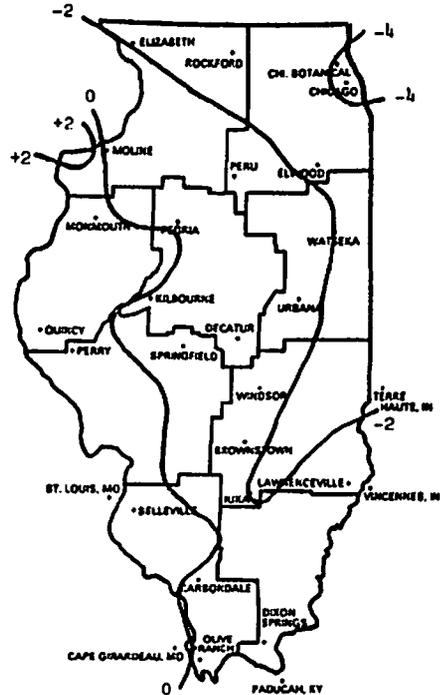
Illinois Weather & Crops  
July 3, 1989

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)  
JUNE 27-JULY 3, 1989



TEMPERATURE DEPARTURES FROM  
AVERAGE (°F) JUNE 27-JULY 3, 1989

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers.