

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: AUGUST 14, 1989, 3 P.M., CDT
VOL. 10, NO. 22

CROPS

Cooler temperatures last week slowed crop development, but were welcomed by livestock producers. The absence of any significant rainfall during the week continued to cause some deterioration of crop conditions. The Northeast District is the only district currently reporting mostly adequate soil moisture supplies. The lack of rain is causing concern among crop producers, particularly over the sizing of soybeans and the availability of pasture feed. Grasshopper populations in alfalfa fields are being monitored closely along with mites in soybeans and corn borers in corn. Farmers in the northern area of the State were finishing up baling of straw, while southern Illinois farmers were beginning to disk wheat stubble. Other activities that kept farmers busy during the week were mowing roadside ditches, spot spraying, baling hay, attending local and state fairs, and taking end-of-summer vacations. There was an average of six and one-half days suitable for fieldwork for the week of August 5 - 11.

Condition of the **CORN** crop on August 11 was reported as 12% excellent, 62% good, 23% fair, and 3% poor. Seventy-eight percent was in the dough stage by August 13, compared to 83% last year and the 5-year average (1984-88) of 80%. Eighteen percent of the corn crop was in the dent stage, compared to 36% last year and the average of 38%.

By August 13, 92% of the **SOYBEAN** crop was setting pods, compared to 100% last year and the average of 87%. Three percent of the crop was turning yellow, compared to 4% last year and the average of 3%. Condition of the crop by August 11 was 9% excellent, 65% good, 25% fair, and 1% poor.

By August 13, 80% of the **SORGHUM** was headed, compared to 85% last year. Sixteen percent was coloring, compared to 28% last year. Condition of the crop by August 11 was 6% excellent, 64% good, 24% fair, and 6% poor.

Cutting of the third crop of **ALFALFA HAY** was 55% complete compared to 50% last year and the average of 47%. Condition of the crop by August 11, was reported as 5% excellent, 51% good, 39% fair, and 5% poor.

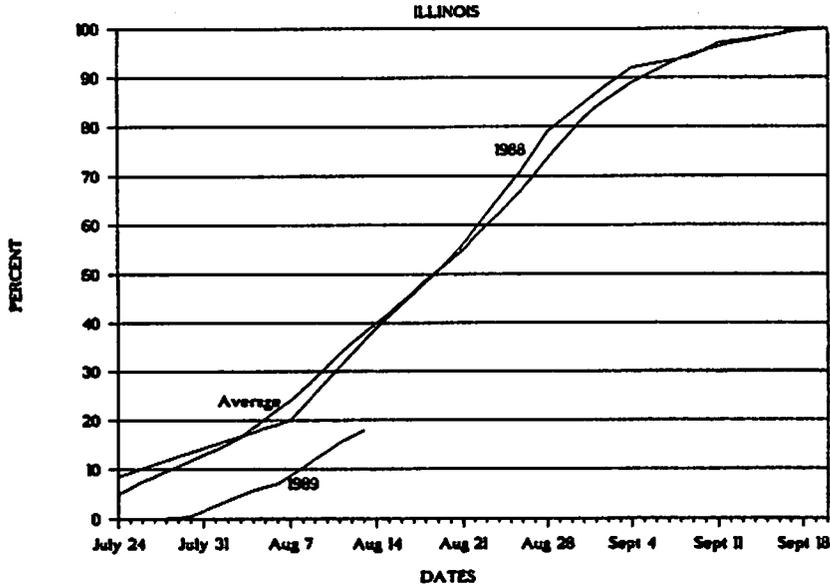
PASTURE condition, as of August 11, was reported as 3% excellent, 24% good, 49% fair, 17% poor and 7% very poor.

SOIL MOISTURE, as of August 11, was reported as 79% short and 21% adequate.

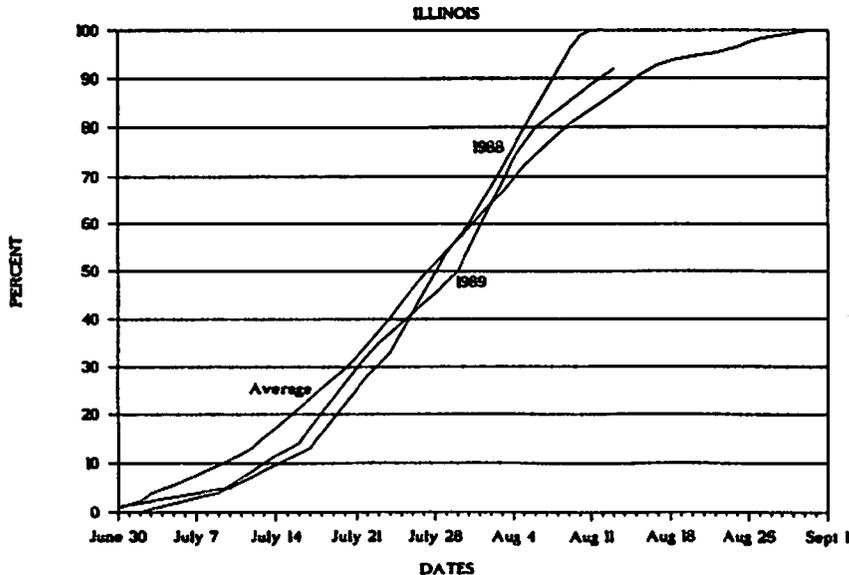
ILLINOIS DISTRICT SUMMARY

District	: Corn Acreage : : % Dented :	: Days Suitable : : For Fieldwork :	Soil		
			Moisture Percent		
			: Short :	Adequate :	Surplus
	:As of August 13	As of August 11			
Northwest	: 5	6.0	80	20	0
Northeast	: 5	6.0	35	65	0
West	: 30	7.0	100	0	0
Central	: 20	7.0	100	0	0
East	: 20	6.5	95	5	0
W Southwest	: 35	7.0	75	25	0
E Southeast	: 15	6.5	70	30	0
Southwest	: 35	7.0	90	10	0
Southeast	: 15	6.5	65	35	0
State	: 18	6.5	79	21	0
5-Year Avg.	: 38				

CORN ACREAGE DENTED



SOYBEANS SETTING PODS



WEATHER

HIGH PRESSURE AT THE SURFACE MOSTLY DOMINATED ILLINOIS WEATHER FOR THE SEVEN DAY PERIOD WITH MOST AREAS RECEIVING NO RAINFALL. LOW PRESSURE IN THE UPPER ATMOSPHERE DID PRODUCE A FEW WIDELY SCATTERED THUNDERSTORMS BUT RAINFALL STILL AVERAGED MOSTLY 0.75 TO 0.85 INCHES BELOW NORMAL. THE CHICAGO AREA RECEIVED THE GREATEST TOTAL OF AROUND 1.29 INCHES. THIS LEFT ILLINOIS CROPS SHORT OF MOISTURE NEEDED FOR GRAIN FILLING AND POD SETTING IN SOME AREAS.

DAILY HIGH TEMPERATURES AVERAGED MOSTLY IN THE LOW TO MID 80'S ACROSS THE STATE. THESE READINGS WERE 2 TO 4 DEGREES BELOW NORMAL CENTRAL AND NORTH AND 4 TO 6 DEGREES BELOW NORMAL SOUTH. LOW TEMPERATURES AVERAGED MOSTLY IN THE MID TO UPPER 50'S WHICH WAS 4 TO 8 DEGREES BELOW NORMAL CENTRAL AND NORTH AND 9 TO 14 DEGREES BELOW NORMAL SOUTH.

HIGH PRESSURE SHOULD BRING MOSTLY FAIR DRY WEATHER FOR WEDNESDAY THROUGH FRIDAY WITH HIGHS IN THE UPPER 70'S TO MID 80'S AND LOWS IN THE UPPER 50'S TO MID 60'S.

Week Ending 8 A.M. Monday, August 14, 1989

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	80	52	-5	0.00	11.36	-2.87	120	1799	-92
ROCKFORD	80	57	-2	0.00	15.14	0.49	137	1975	69
CHICAGO	80	59	-2	1.29	15.02	2.48	144	1961	68
CHI BOTANICAL	79	58	-5	0.62	12.84	-0.38	136	1745	-322
ELWOOD	80	57	-3	0.00	13.22	-0.65	136	1948	14
WATSEKA	80	54	-4	0.00	11.19	-3.76	129	1962	-94
PERU	80	57	-4	0.00	9.36	-4.15	136	2049	-84
MOLINE	83	56	-3	0.00	10.55	-4.67	141	2071	-23
PEORIA	81	56	-4	0.01	6.25	-7.05	137	2080	-33
KILBOURNE	84	55	-5	0.00	7.43	-6.56	143	2138	-84
MONMOUTH	83	53	-5	0.00	9.74	-4.15	136	1971	-175
QUINCY	84	57	-4	0.00	5.87	-8.64	148	2183	-58
PERRY	81	51	-8	0.00	12.75	-0.87	121	2045	-235
SPRINGFIELD	81	58	-5	0.00	7.93	-4.21	141	2118	-155
URBANA	81	55	-5	0.00	8.63	-5.03	135	2107	-55
WINDSOR	86	55	-4	0.00	9.34	-4.81	142	2145	-126
TERRE HAUTE	81	53	-7	0.00	16.25	2.29	124	2116	-66
ST LOUIS	83	64	NA	0.00	9.89	NA	144	2448	NA
BELLEVILLE	81	49	-10	0.00	11.75	-0.94	119	2165	-185
BROWNSTOWN	85	54	-5	0.00	10.07	-4.14	138	2148	-129
IUKA	82	51	-9	0.00	10.50	-2.44	125	2015	-349
LAWRENCEVILLE	82	54	NA	0.00	15.05	NA	131	2098	NA
VINCENNES	81	54	-7	0.00	16.51	1.95	127	2189	-100
DIXON SPRINGS	84	55	-8	0.00	13.06	-0.77	140	2315	-148
PADUCAH	82	56	-8	0.00	19.03	4.76	139	2416	-70
OLIVE BRANCH	82	55	-8	0.00	11.66	-2.80	135	2256	-145
CARBONDALE	82	52	-9	0.00	9.93	-4.09	129	2202	-178
C GIRARDEAU	81	57	NA	0.00	16.91	NA	120	2432	NA

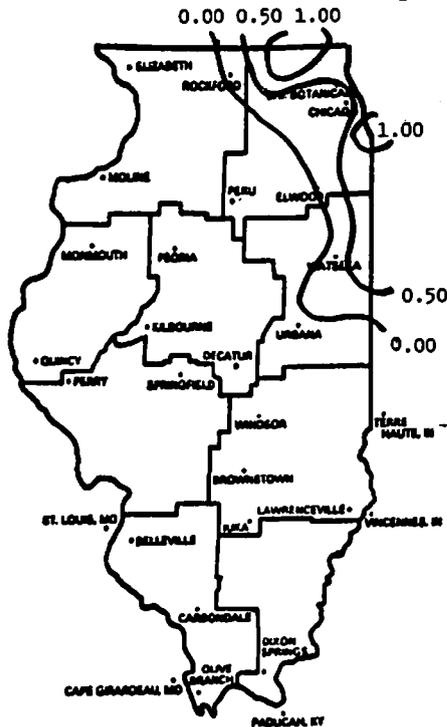
Information above provided by Midwest Agricultural Weather Service Center
Purdue University, West LaFayette, Indiana 47907

NEWSPAPER TIME VALUE

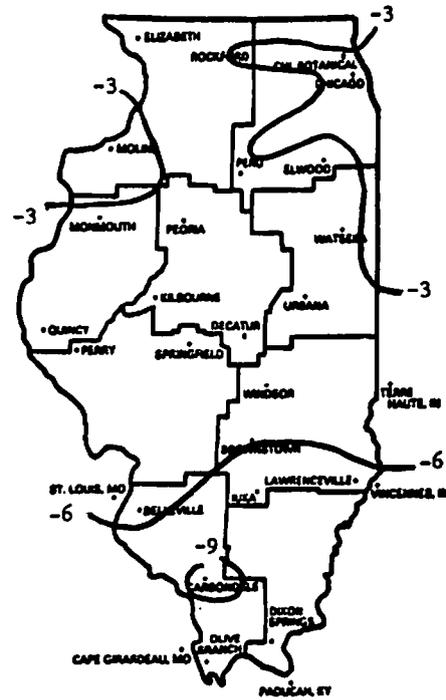
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Illinois Weather & Crops (ISSN 0273-8635) is published weekly April-November, semiweekly the second week of June, monthly December-March, by the Illinois Dept. of Agriculture, Illinois Agricultural Statistics Service, Room 54, Department of Agriculture 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)
 AUG. 8-14, 1989



TEMPERATURE DEPARTURES FROM
 AVERAGE (°F) AUG. 8-14, 1989

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