

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
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ILLINOIS DEPARTMENT OF AGRICULTURE**



**NATIONAL OCEANIC AND
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CROPS

Crop conditions remained nearly unchanged to slightly above the rated conditions of the previous week. Conditions were helped by scattered rainfall throughout the State. The rapid progress of the crops will likely mean early harvests, as the corn acreage is beginning to mature, and soybeans starting to turn yellow--both ahead of average. Farmers were mowing set aside, baling hay, scouting fields, spraying for insects, preparing for harvesting, tending to livestock, cutting silage, and harvesting seed corn. The Northwest and Northeast Districts reported some areas of surplus moisture and flooding from recent rains. For the week of August 7-14, there was an average of 5.5 days reported as suitable for fieldwork.

On August 16, 95% of the **CORN** was in the dough stage compared to 87% last year and the 5-year average (1982-86) of 78%. Seventy-two percent of the corn was in the dent stage compared to 53% last year and the average of 33%. Thirteen percent of the corn was mature compared to 7% last year and the average of 2%. Condition of the corn crop on August 14 was reported to be 15% excellent, 71% good, and 14% fair.

On August 16, 98% of the **SOYBEANS** were setting pods compared to 94% last year and the average of 84%. Ten percent of the soybean crop was turning yellow compared to 4% last year and the average of 2%. Condition of the soybean crop on August 14 was reported to be 8% excellent, 73% good, 17% fair, and 2% poor.

Condition of the **SORGHUM** crop on August 14 was rated as 23% excellent, 63% good, and 14% fair. On August 16, 98% of the sorghum acreage was headed compared to 86% last year. Forty percent of the sorghum crop was coloring compared to 28% last year.

On August 16 the third cutting of **ALFALFA HAY** was 60% complete, compared to 47% last year and the average of 45%. Condition of the crop on August 14 was reported as 2% excellent, 49% good, 44% fair, and 5% poor.

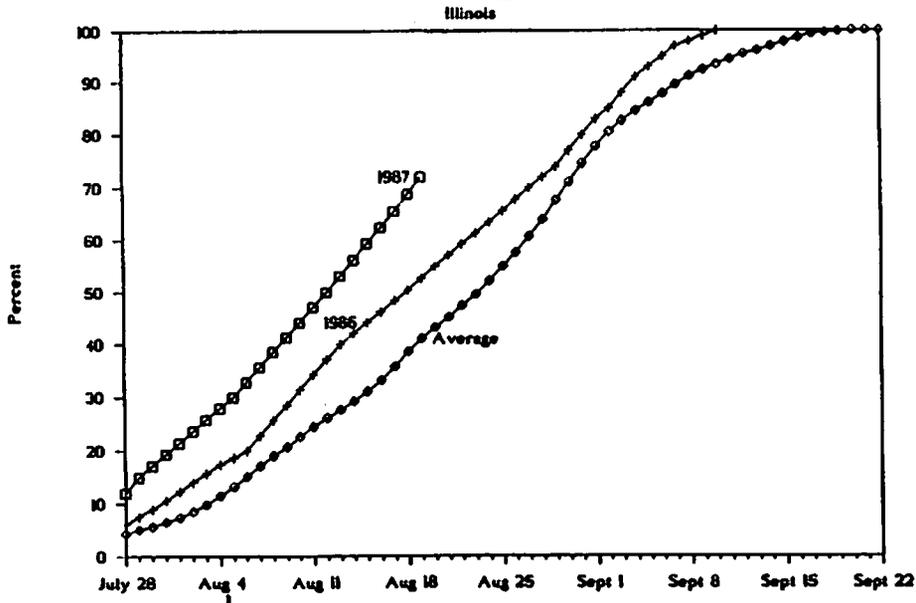
PASTURE condition on August 14 was reported to be 3% excellent, 34% good, 44% fair, 11% poor, and 8% very poor.

SOIL MOISTURE on August 14 was reported as 51% short, 46% adequate, and 3% surplus.

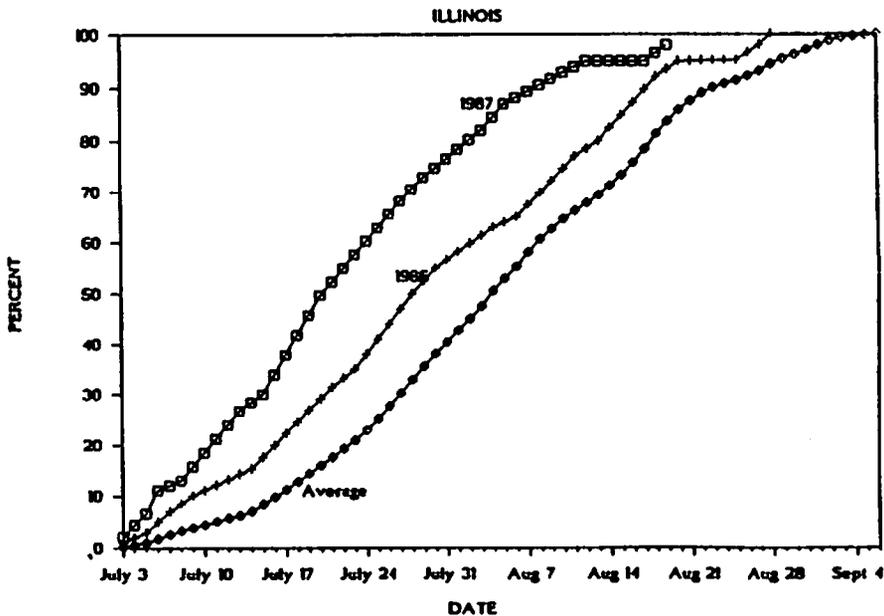
ILLINOIS CROP REPORTING DISTRICT SUMMARY

District	Corn		Days suit- able for fieldwork	Soil moisture percent		
	acreaage	% dented		Short	Adequate	Surplus
	: Week ending August 16			: Week ending August 14		
Northwest	: 65		4.0	35	50	15
Northeast	: 60		5.0	55	30	15
West	: 80		4.5	70	30	0
Central	: 85		5.5	70	30	0
East	: 65		6.0	80	20	0
West-Southwest	: 80		5.5	70	30	0
East-Southeast	: 70		6.0	55	45	0
Southwest	: 75		6.0	20	80	0
Southeast	: 70		6.5	0	100	0
State	: 72		5.5	51	46	3
5-Yr. Avg.	: 33					

Corn - Acreage Dented



SOYBEANS - PERCENT ACREAGE SETTING PODS



WEATHER

AVERAGE HIGH **TEMPERATURES** RANGED FROM THE LOW 80'S NORTH TO AROUND 90 DEGREES IN THE SOUTH, EXCEEDING NORMAL BY 2 TO 3 DEGREES IN MANY AREAS. HIGHS REACHED 90 DEGREES AT ALL REPORTING STATIONS WITH A 100-DEGREE READING REPORTED AT BROWNSTOWN. LOWS AVERAGED IN THE MID-60'S TO NEAR 70 DEGREES FOR THE WEEK. THOSE VALUES WERE 3 TO 5 DEGREES ABOVE NORMAL IN MOST AREAS.

PRECIPITATION WAS EXCEPTIONAL OVER SOME NORTHERN SECTIONS WITH LITTLE IF ANY REPORTED IN MUCH OF THE SOUTH. A RECORD BREAKING 12.84 INCHES OF RAIN FELL AT CHICAGO O'HARE AIRPORT WHILE ONLY 7.89 INCHES WAS REPORTED AT THE BOTANICAL GARDENS AND 6.89 INCHES AT ROCKFORD. TOTALS WERE GENERALLY IN EXCESS OF AN INCH OVER THE NORTHWEST HALF OF THE STATE.

THE **OUTLOOK** FOR THE LAST PART OF THIS WEEK WEDNESDAY THRU FRIDAY INDICATES DRY WEATHER ACROSS THE STATE. TEMPERATURES SHOULD MODERATE WITH HIGHS FORECAST IN THE 80'S EVEN IN THE SOUTH AND LOWS IN THE 60'S.

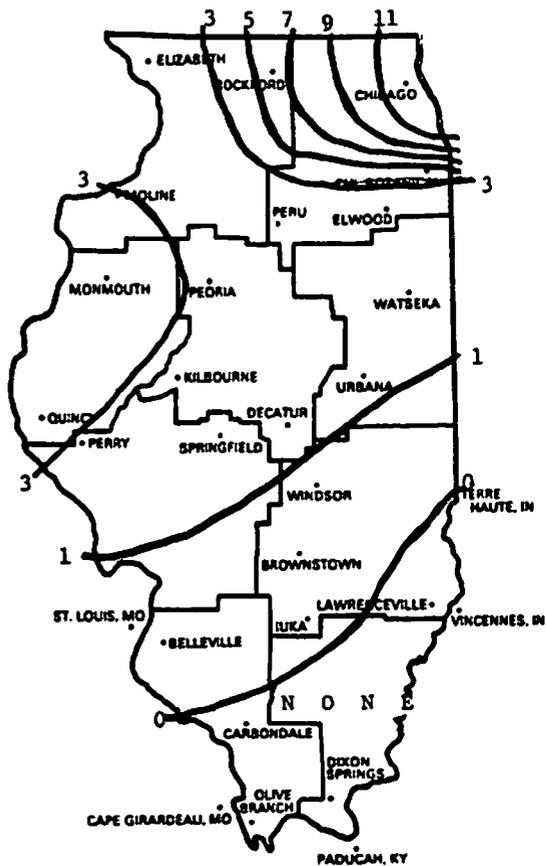
Week ending 8 A.M. Monday, August 17, 1987

Location	: Temperatures :			: Precipitation :			: Growing Degree Days(50F)		
	: Maxi- : mum	: Mini- : mum	: Deapar- : ture	: Curr.: : week	: Since: : May 1:	: Departure : since : May 1:	: Curr.: : week	: Since: : May 1:	: Departure : since : May 1
ELIZABETH	84	64	3	1.90	9.84	-4.75	171	2252	299
ROCKFORD	83	68	4	6.89	21.12	6.11	180	2384	415
CHICAGO	86	67	4	12.84	21.18	8.29	184	2433	474
CHI BOTANICAL	83	68	2	7.89	18.01	4.43	181	2262	124
ELWOOD	85	67	4	1.94	14.02	-0.20	183	2397	397
WATSEKA	86	64	3	1.65	12.13	-3.14	175	2417	295
PERU	87	67	4	1.65	11.56	-2.27	188	2439	237
MOLINE	87	69	5	2.96	11.92	-3.67	194	2580	416
PEORIA	88	70	5	0.74	9.41	-4.22	199	2582	400
KILBOURNE	92	69	6	1.31	9.41	-4.97	196	2643	348
MONMOUTH	88	68	4	3.33	10.21	-4.05	191	2500	285
QUINCY	88	69	4	4.88	14.73	-0.16	196	2647	333
PERRY	87	67	2	2.42	11.16	-2.81	184	2479	125
SPRINGFIELD	89	69	4	0.97	11.03	-1.42	196	2695	350
DECATUR	86	68	2	1.11	14.76	-0.11	190	2619	282
URBANA	86	68	4	0.09	13.66	-0.36	189	2568	336
WINDSOR	86	67	2	0.79	11.58	-2.88	185	2583	239
TERRE HAUTE	87	67	3	0.00	14.84	0.58	185	2578	324
ST LOUIS	90	74	NA	0.57	14.28	NA	215	2910	NA
BELLEVILLE	89	67	2	0.88	13.00	-0.02	189	2710	284
BROWNSTOWN	90	69	5	0.17	9.25	-5.32	197	2706	355
IUKA	90	66	2	0.36	12.19	-1.03	186	2589	149
LAWRENCEVILLE	89	68	NA	0.00	12.13	NA	189	2649	NA
VINCENNES	89	67	3	0.00	13.13	-1.82	188	2660	297
DIXON SPRINGS	90	69	1	0.00	14.72	0.55	196	2734	194
PADUCAH	92	71	4	0.00	9.13	-5.46	206	2873	309
OLIVE BRANCH	91	70	3	0.00	11.20	-3.75	200	2803	300
CARBONDALE	92	68	3	0.00	12.03	-2.36	195	2666	210
C GIRARDEAU	90	73	NA	0.03	14.84	NA	211	2907	NA

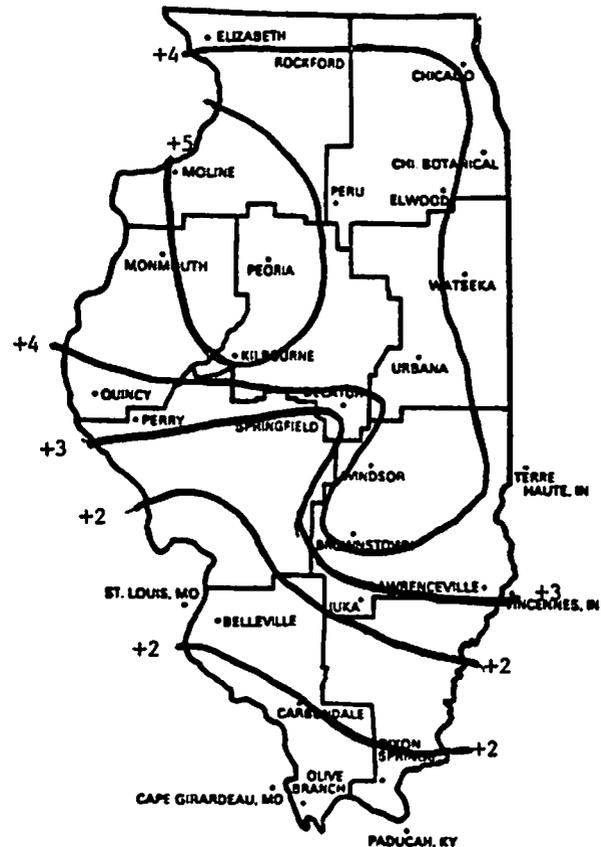
NEWSPAPER TIME VALUE

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PRECIPITATION (INCHES)
 AUGUST 11-17, 1987



TEMPERATURE DEPARTURE FROM
 AVERAGE (°F) AUGUST 11-17, 1987

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers. Additional WEATHER INFORMATION is provided by the Illinois State Water Survey, IDE&NR, Champaign, Ill.; and National Weather Service Cooperative Observers, NOAA, Rosemont, Ill.