ILLINOIS WEATHER & CROPS

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NATIONAL OCEANIC AND
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CROPS

Crops continued to progress rapidly toward maturity last week, aided by dry, sunny weather throughout most of the State. Farmers were mowing set aside acres, baling hay, spraying for insects and worms, preparing for harvesting, tending to livestock, and cutting silage. There were a few reports of farmers combining corn. Parts of the Northwest and Northeast Districts still report surplus moisture, as the recent rains caused flooding and some damage to crops. For the week of August 15-21, there was an average of five days reported as suitable for fieldwork.

By August 23, 87% of the **CORN** acreage was in the dent stage compared to 68% last year and the 5-year average (1982-86) of 50%. Twenty-two percent of the corn was mature compared to 10% last year and the average of 4%. Condition of the corn crop on August 21 was reported to be 17% excellent, 63% good, 18% fair, and 2% poor.

By August 23, 22% of the **SOYBEAN** acreage was turning yellow compared to 11% last year and the average of 6%. Five percent of the soybean crop had started shedding leaves, ahead of both last year and average. Condition of the soybean crop on August 21 was reported to be 7% excellent, 71% good, and 22% fair.

Condition of the **SORGHUM** crop on August 21 was rated as 5% excellent, 62% good, and 33% fair. On August 23, 99% of the sorghum acreage was headed compared to 94% last year. Seventy-five percent of the sorghum crop was turning color compared to 43% last year.

By August 23, the third cutting of **ALFALFA HAY** was 68% complete, compared to 58% last year and the average of 59%. Condition of the crop on August 21 was reported as 13% excellent, 64% good, 19% fair, and 4% poor.

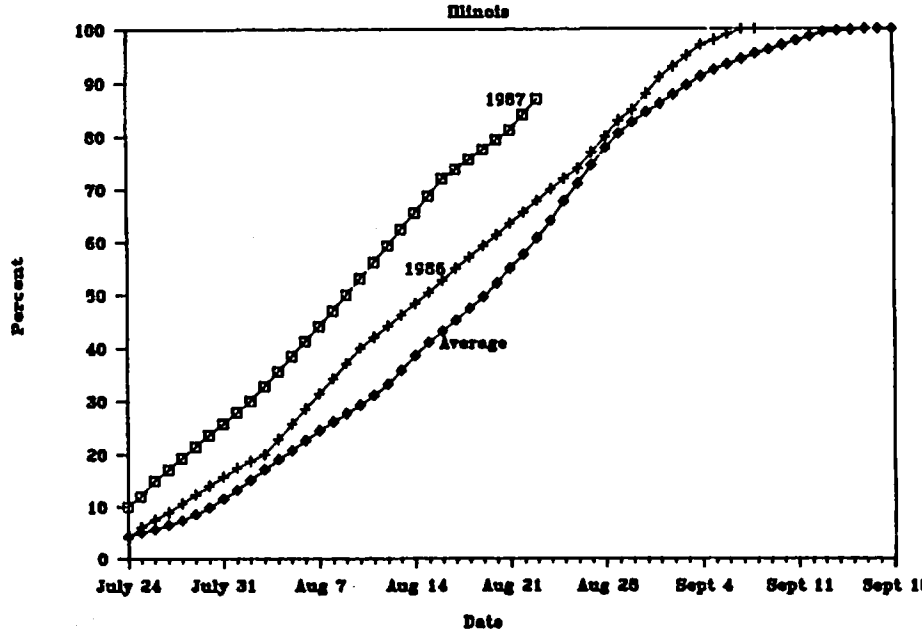
PASTURE condition on August 21 was reported to be 6% excellent, 44% good, 38% fair, 11% poor, and 1% very poor.

SOIL MOISTURE on August 21 was reported as 45% short, 43% adequate, and 12% surplus.

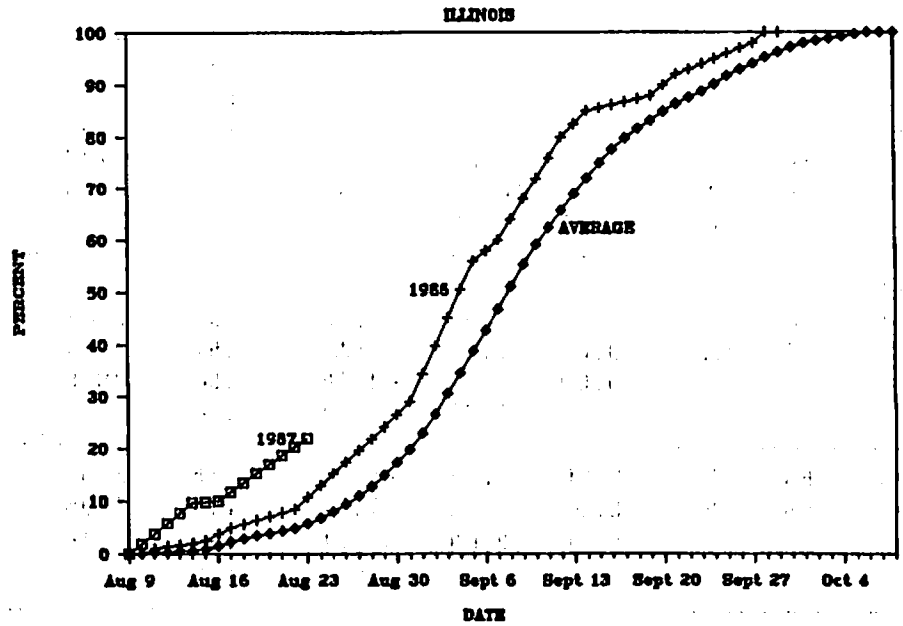
ILLINOIS CROP REPORTING DISTRICT SUMMARY

District	Corn acreage % dented	Days suitable for fieldwork	Soil moisture percent Short	Adequate	Surplus
	Week ending August 23		Week ending August 21		
Northwest	75	2.5	0	65	35
Northeast	70	2.0	10	15	75
West	95	5.0	60	40	0
Central	95	5.0	45	55	0
East	95	5.0	50	50	0
West-Southwest	90	6.0	0	100	0
East-Southeast	85	6.5	85	15	0
Southwest	95	7.0	80	20	0
Southeast	95	7.0	75	25	0
State	87	5.0	45	43	12
5-Yr. Avg.	50				

Corn – Acreage Dented



SOYBEANS – ACREAGE TURNING YELLOW



WEATHER

TEMPERATURES ACROSS MOST OF ILLINOIS RETURNED TO NORMAL LEVELS LAST WEEK ALTHOUGH SOME EXTREMELY HOT WEATHER WAS REPORTED IN THE SOUTH OVER THE WEEKEND JUST PRIOR TO THE PASSAGE OF A STRONG, COLD FRONT. HIGH TEMPERATURES ABOVE THE 100-DEGREE MARK WERE COMMON WITH THE WEEK'S EXTREME MAXIMUM OF 102 OCCURRING AT BROWNSTOWN ON THE 22ND. TEMPERATURES HAD COOLED TO MUCH MORE AUTUMN-LIKE READINGS BY THE END OF THE WEEKEND WITH LOWS DIPPING INTO THE 40'S IN SOME NORTHERN STATIONS. BASE 50 GROWING-DEGREE-DAY ACCUMULATIONS FOR THE WEEK RANGED FROM 128 TO 193 AND WERE HIGHEST IN THE SOUTH.

PRECIPITATION FOR THE WEEK WAS LARGELY BELOW NORMAL WITH A FEW NOTABLE EXCEPTIONS. OVER 3 INCHES OF RAIN ACCOMPANIED BY HAIL AND DAMAGING WINDS WERE REPORTED IN THE QUAD CITY AREA ON THE 21ST. WEEKLY RAINFALL TOTALS RANGED FROM 3.65 INCHES AT MOLINE DOWN TO ZERO AT MANY LOCATIONS. MANY AREAS IN THE SOUTH, WEST, AND CENTRAL PARTS OF THE STATE CONTINUE TO BE WELL BELOW NORMAL FOR SPRING AND SUMMER RAINFALL--A TREND THAT BEGAN IN THE EARLY WINTER.

THE 3 TO 5-DAY **FORECAST** FOR ILLINOIS CALLS FOR SEASONAL WEATHER TO CONTINUE WITH A CHANCE FOR SHOWERS DURING THE NEXT FRONTAL PASSAGE ON WEDNESDAY AND THURSDAY. HIGHS WILL BE IN THE 70'S NORTH TO LOW 80'S SOUTH WITH LOWS GENERALLY IN THE 50'S AND 60'S.

Week ending 8 A.M. Monday, August 24, 1987

Location	Temperatures			Precipitation			Growing Degree Days(50°)		
	Maximum	Minimum	Departure	Curr. week	Since May 1	Departure since May 1	Curr. week	Since May 1	Departure since May 1
ELIZABETH	79	54	-2	0.65	10.49	-4.93	128	2380	290
ROCKFORD	79	58	0	0.69	21.81	5.96	140	2524	413
CHICAGO	81	59	0	0.79	21.97	8.27	147	2580	474
CHI BOTANICAL	78	58	-4	0.22	18.65	4.25	130	2397	100
ELWOOD	81	56	-1	1.07	15.09	0.07	140	2537	391
WATSEKA	82	57	-1	0.79	12.92	-3.09	143	2560	291
PERU	82	58	-2	1.20	12.76	-1.82	142	2588	230
MOLINE	83	60	0	3.65	15.57	-0.86	153	2734	418
PEORIA	84	60	0	1.10	10.51	-3.90	156	2738	401
KILBOURNE	86	60	0	0.15	9.82	-5.47	160	2803	345
MONMOUTH	82	58	-1	0.09	10.30	-4.80	146	2646	275
QUINCY	85	63	0	0.16	14.89	-0.90	166	2813	335
PERRY	85	61	0	0.09	11.25	-3.53	158	2637	117
SPRINGFIELD	86	63	1	0.12	11.15	-2.03	170	2865	356
DECATUR	84	62	0	0.01	14.77	-0.92	161	2780	277
URBANA	84	60	0	0.70	14.36	-0.47	157	2726	337
WINDSOR	87	64	2	0.01	11.59	-3.58	177	2759	249
TERRE HAUTE	88	59	1	0.00	14.84	-0.12	159	2737	323
ST LOUIS	90	68	NA	0.00	14.28	NA	188	3098	NA
BELLEVILLE	88	61	0	0.22	13.22	-0.56	165	2875	276
BROWNSTOWN	93	62	4	0.10	9.35	-6.03	172	2878	360
IUKA	93	58	0	0.00	12.52	-1.36	158	2747	133
LAWRENCEVILLE	91	60	NA	0.00	12.13	NA	164	2814	NA
VINCENNES	90	59	0	0.00	13.67	-2.16	160	2816	285
DIXON SPRINGS	94	66	3	0.00	14.72	-0.23	186	2920	205
PADUCAH	94	66	3	0.00	9.13	-6.22	186	3059	316
OLIVE BRANCH	95	68	5	0.01	11.21	-4.57	193	2996	316
CARBONDALE	92	62	1	0.00	12.03	-3.21	169	2836	208
C GIRARDEAU	91	69	NA	0.00	14.84	NA	195	3102	NA

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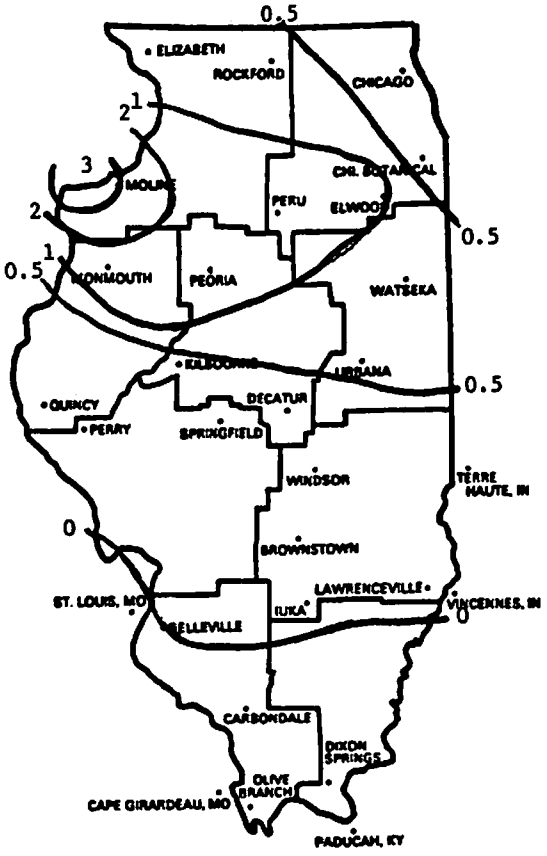
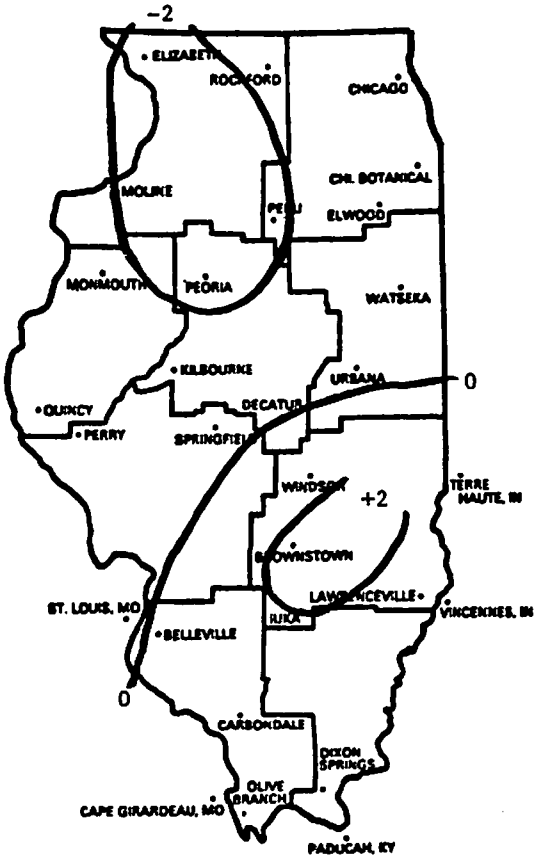


PRECIPITATION (INCHES)
AUGUST 18-24, 1987



TEMPERATURE DEPARTURE FROM
AVERAGE (°F) AUGUST 18-24, 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.

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