

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
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**U. S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE**



**NATIONAL OCEANIC AND
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CROPS

Harvest of corn, soybeans, and sorghum continued to progress at a record pace, and for some farmers, harvest was completed in record time. Farmers were also sowing winter wheat, mowing, baling hay, chiseling, fall plowing, applying fertilizer, repairing machinery, discing, tending to livestock, and picking apples. For the week of September 26-October 2, there was an average of five and three-quarter days reported as suitable for fieldwork.

By October 4, 68% of the **CORN** acreage was harvested compared to 24% last year and the 5-year average (1982-86) of 21%.

By October 4, 99% of the **SOYBEAN** acreage had started shedding leaves compared to 96% last year and the average of 92%. Seventy percent of the soybean crop was harvested, compared to 27% last year and the average of 40%.

By October 4, 77% of the **SORGHUM** crop was harvested compared to 25% last year and the average of 24%.

By October 4, 29% of the **WINTER WHEAT** acreage was seeded, compared to 11% last year and the average of 18%. Six percent of the winter wheat acreage had emerged compared to 6% last year and the average of 5%.

PASTURE condition on October 2 was reported to be 10% excellent, 36% good, 39% fair, 14% poor, and 1% very poor.

SOIL MOISTURE on October 2 was reported as 50% short, 49% adequate, and 1% surplus.

WEATHER

AVERAGE HIGH TEMPERATURES RANGED FROM THE MID-60'S IN NORTHWEST ILLINOIS TO THE LOW 70'S IN THE SOUTH, FALLING BELOW NORMAL BY 3 TO 5 DEGREES IN MOST AREAS. WARMEST DAYS PRODUCED READINGS INTO THE LOW 80'S OVER NEARLY ALL OF THE STATE. AVERAGE LOWS RANGED FROM THE UPPER 30'S TO UPPER 40'S IN MOST AREAS WITH AN AVERAGE LOW OF ONLY 34 DEGREES AT ELIZABETH. THE FIRST FROST OF THE SEASON OCCURRED IN MUCH OF THE AREA WITH LOWEST TEMPERATURES TO FREEZING OR LOWER IN ALMOST ALL SECTIONS OUTSIDE OF THE SOUTHERN COUNTIES. THE LOWEST READING REPORTED WAS 23 DEGREES AT ELIZABETH ON SUNDAY MORNING.

PRECIPITATION WAS LIGHTEST IN THE NORTH AND SOUTH BUT TOTALS IN EXCESS OF AN INCH WERE REPORTED AT SEVERAL LOCATIONS IN CENTRAL ILLINOIS AND AT A FEW IN THE SOUTH.

BASE 50 GROWING DEGREE DAY ACCUMULATIONS FOR THE SEASON, SINCE MARCH 1, RANGED FROM AROUND 2900 IN PARTS OF THE NORTH TO AROUND 3900 IN THE EXTREME SOUTH. TOTALS WERE FROM 3400 TO 3600 IN MOST CENTRAL SECTIONS WITH DEVIATIONS OF 200 TO 400 ABOVE NORMAL COMMON ACROSS THE STATE.

AFTER SOME SHOWERS MIDWEEK, COOL, FAIR WEATHER IS FORECAST FOR THURSDAY AND FRIDAY. HIGH TEMPERATURES ARE EXPECTED TO HOLD FROM THE MID-40'S TO LOW 50'S LATE IN THE WEEK WITH LOWS FROM THE UPPER 20'S TO MID-30'S THURSDAY AND FRIDAY.

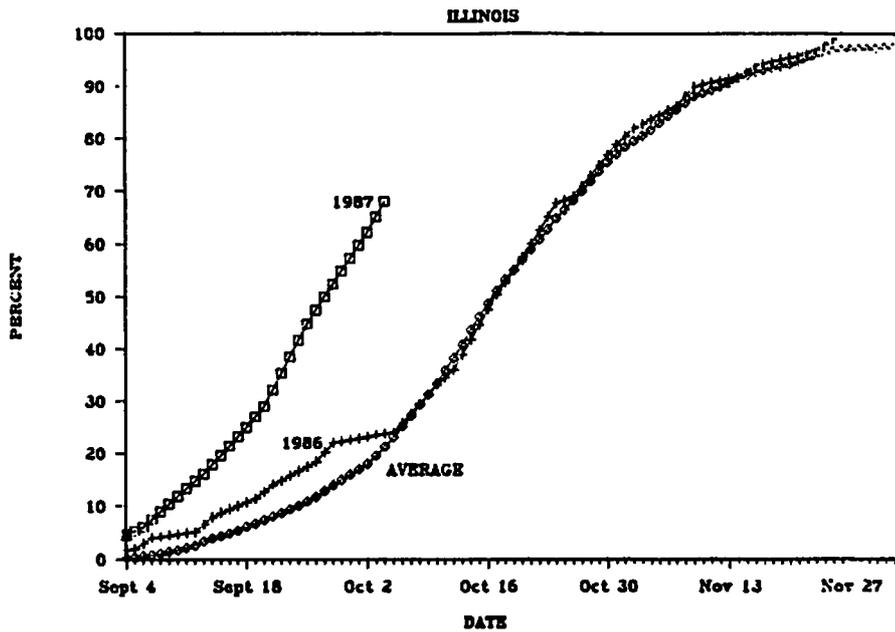
Week ending 8 A.M. Monday, October 5, 1987

Location	Temperatures			Precipitation			Growing Degree Days (50F)		
	Maxi-	Mini-	Depar--	Curr.:	Since:	Departure	Curr.:	Since	Departure
	: mum	: mum	: ture	: week	: May 1:	: since May 1:	: week	: May 1:	: since May 1
ELIZABETH	65	34	-7	0.10	15.61	-4.43	58	2888	235
ROCKFORD	66	39	-4	0.97	28.03	7.22	61	3106	418
CHICAGO	67	44	-3	0.14	25.94	7.76	68	3215	490
CHI BOTANICAL	64	41	-7	0.14	23.47	4.69	59	2977	6
ELWOOD	66	40	-5	0.38	19.60	0.37	64	3145	373
WATSEKA	66	38	-7	0.56	16.57	-3.79	64	3193	278
PERU	67	40	-6	0.22	19.22	0.12	64	3205	183
MOLINE	69	44	-1	0.31	23.28	1.89	75	3363	417
PEORIA	70	42	-3	0.60	13.50	-5.67	76	3413	421
KILBOURNE	68	43	-5	0.35	11.40	-9.07	71	3502	328
MONMOUTH	67	41	-5	1.33	14.78	-5.13	66	3263	226
QUINCY	69	44	-4	0.30	17.29	-4.07	75	3498	311
PERRY	69	42	-6	0.07	13.49	-6.12	76	3319	65
SPRINGFIELD	70	45	-3	0.55	13.05	-4.27	81	3620	382
DECATUR	68	45	-5	0.55	16.45	-3.64	76	3510	251
URBANA	68	41	-6	1.00	19.52	0.53	71	3406	317
WINDSOR	69	44	-5	1.58	15.73	-3.40	81	3519	257
TERRE HAUTE	69	41	-6	1.28	17.47	-1.47	76	3457	326
ST LOUIS	71	48	NA	1.12	17.38	NA	86	3939	NA
BELLEVILLE	70	44	-5	1.00	18.00	-0.02	80	3671	286
BROWNSTOWN	71	41	-6	1.29	12.74	-6.89	82	3679	405
IUKA	71	39	-7	1.84	15.54	-2.12	82	3499	99
LAWRENCEVILLE	70	40	NA	0.69	14.73	NA	78	3579	NA
VINCENNES	72	45	-3	0.65	16.33	-3.60	90	3626	323
DIXON SPRINGS	74	47	-3	1.53	18.44	-0.44	102	3773	210
PADUCAH	73	45	-5	0.79	12.02	-7.72	97	3931	322
OLIVE BRANCH	74	50	-2	0.19	14.13	-5.91	89	3839	332
CARBONDALE	74	47	-2	0.30	14.92	-4.43	96	3637	206
C GIRARDEAU	70	47	NA	0.62	19.10	NA	84	3962	NA

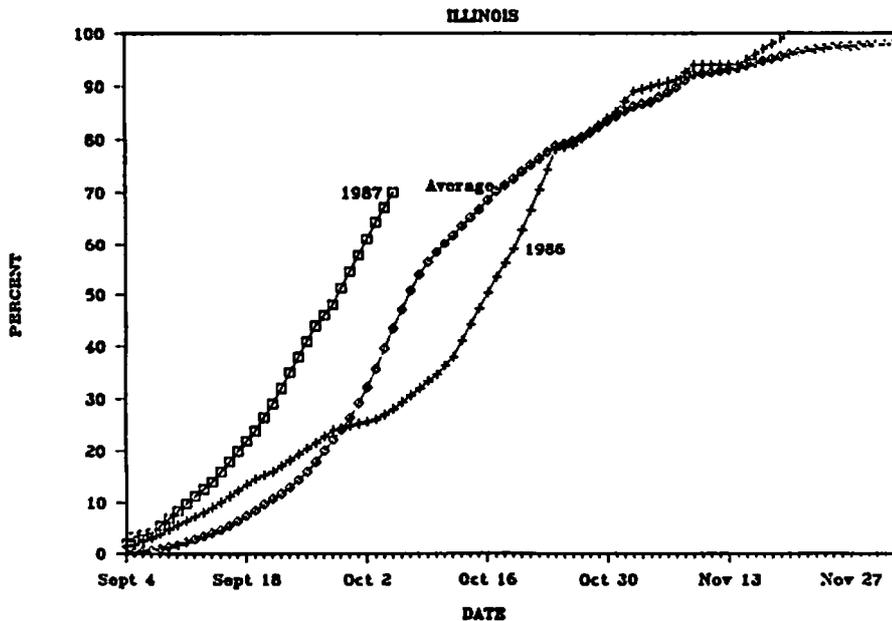
ILLINOIS CROP REPORTING DISTRICT SUMMARY

District	Corn		Soybean		Days suit-: Soil		
	acreage %	harvested	acreage %	harvested	able for	moisture percent	Short : Adequate: Surplus
	Week ending October 4		Week ending October 2				
Northwest	35	40	5.5	5	95		0
Northeast	35	40	6.0	10	75		15
West	65	60	6.0	60	40		0
Central	85	80	5.5	55	45		0
East	80	80	6.0	60	40		0
West-Southwest	80	70	5.5	75	25		0
East-Southeast	90	90	6.0	60	40		0
Southwest	90	70	5.5	35	65		0
Southeast	80	70	6.0	15	85		0
State	68	70	5.75	50	49		1
5-Yr. Avg.	21	27					

CORN - PERCENT OF ACREAGE HARVESTED



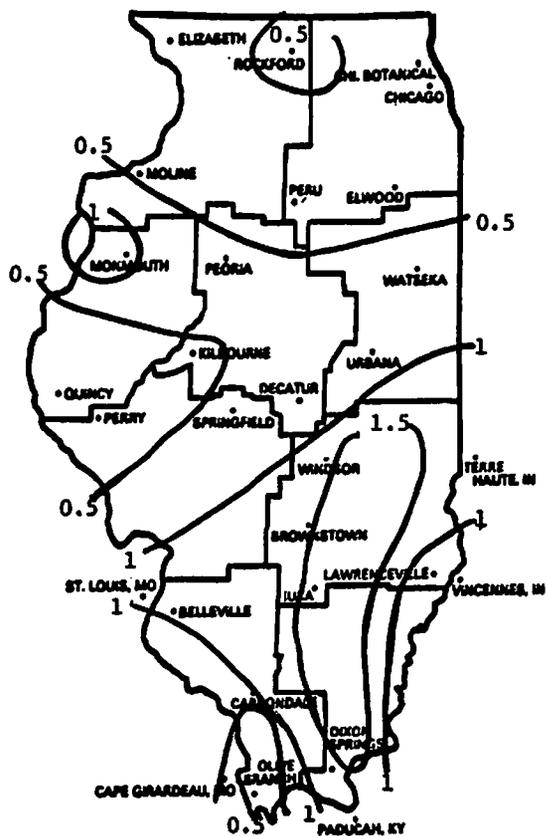
SOYBEANS - PERCENT OF ACREAGE HARVESTED



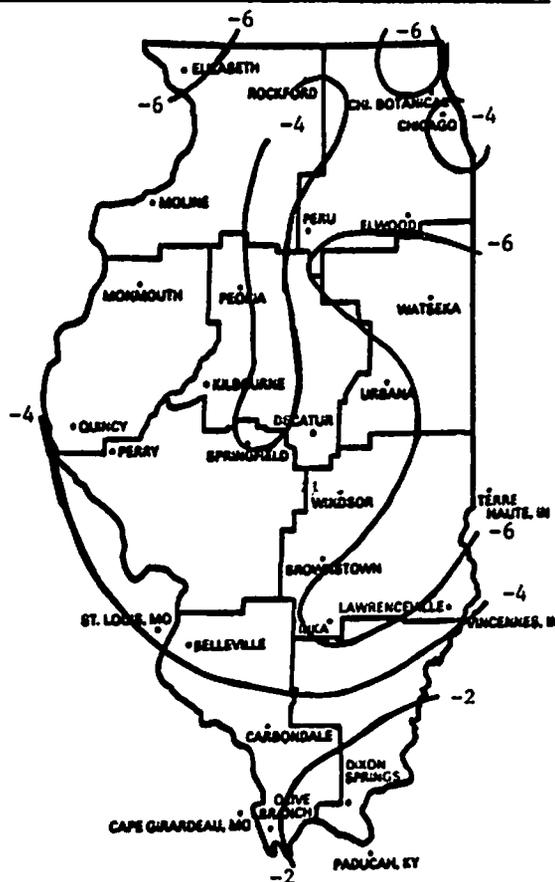
NEWSPAPER TIME VALUE

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PRECIPITATION (INCHES)
SEPT. 28-OCT. 5, 1987



TEMPERATURE DEPARTURE FROM
AVERAGE (°F) SEPT. 28-OCT. 5, 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.