

ILLINOIS WEATHER & CROPS



**ILLINOIS
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ILLINOIS DEPARTMENT OF AGRICULTURE**



**NATIONAL OCEANIC AND
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CROPS

Farmers continued to make good progress last week in harvesting the corn and soybean acres that remained. Progress was aided by dry field conditions and good weather. The Northwest and Northeast Districts are lagging behind the rest of the State in corn harvest, but are well ahead of average with soybean harvest. Last week farmers were also harvesting sorghum, baling or shredding corn stalks, baling some late hay, applying fertilizers and lime, hauling grain and water, seeding wheat and rye, drying grain, cleaning machinery to be put in storage, plowing, chiseling, discing, caring for livestock and doing other general farm chores. There were no reports of surplus soil moisture over the State the past week. Districts in the northern two-thirds of the State are reporting considerable shortages of soil moisture and water in wells, ponds, creeks, and rivers. Hauling water from cities to rural areas has been a common practice for many people the past several months. For the week of October 8-14, there was an average of seven days reported as suitable for fieldwork.

By October 16, 81% of the **CORN** crop was harvested compared to 88% last year and the 5-year average (1983-87) of 57%.

By October 16, 90% of the **SOYBEAN** crop was harvested compared to 95% last year and the average of 71%.

By October 16, 75% of the **SORGHUM** crop was harvested compared to 92% last year and the average of 57%.

By October 16, 82% of the **WINTER WHEAT** acreage was seeded, compared to 80% last year and the average of 57%. Twenty-nine percent of the winter wheat acreage had emerged compared to 29% last year and the average of 25%.

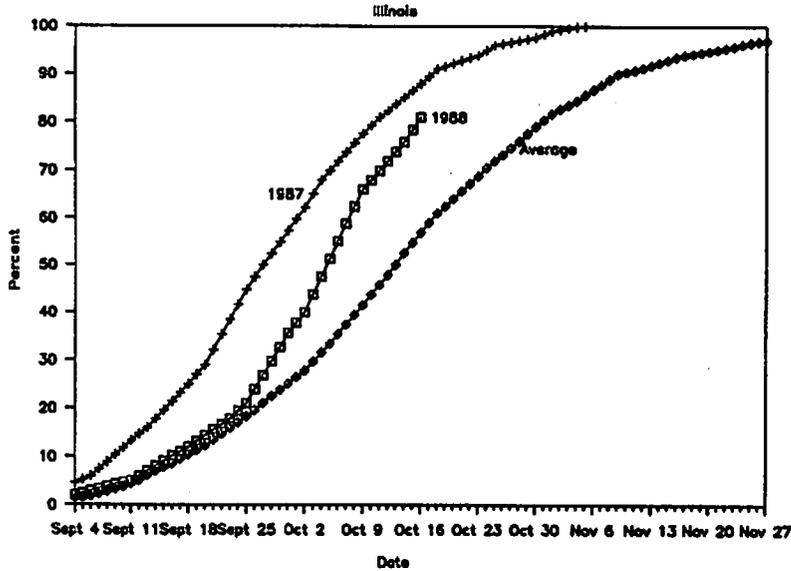
PASTURE condition, as of October 14, was rated as 1% excellent, 11% good, 52% fair, 27% poor, and 9% very poor.

SOIL MOISTURE on October 14 was reported as 82% short and 18% adequate.

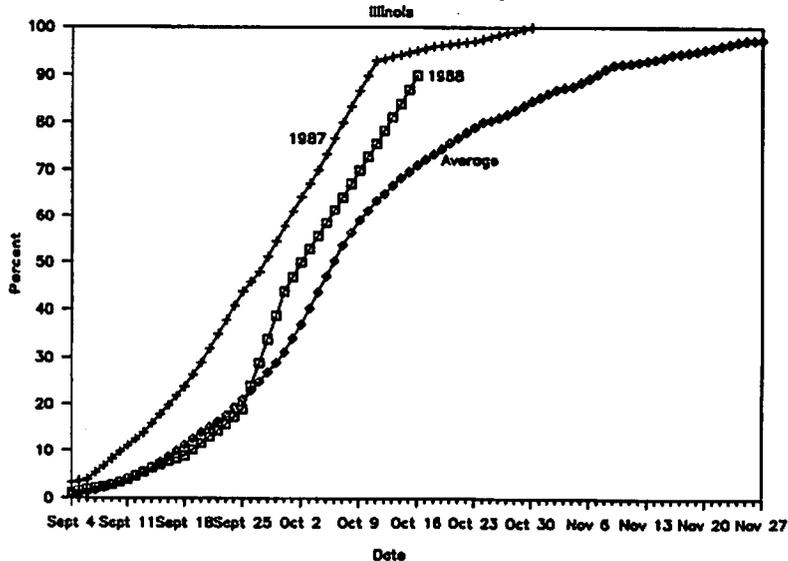
ILLINOIS DISTRICT SUMMARY

District	: Corn : Soybean		:Days suit- : : able for :	Soil		
	: acreage %: : harvested:	: acreage %: : harvested:		moisture percent	Short	Adequate: Surplus
	As of October 16		As of October 14			
Northwest	70	85	7.0	100	0	0
Northeast	45	85	7.0	90	10	0
West	90	85	7.0	100	0	0
Central	90	95	7.0	100	0	0
East	95	98	7.0	95	5	0
W Southwest:	90	85	7.0	100	0	0
E Southeast:	85	95	7.0	100	0	0
Southwest	90	75	7.0	25	75	0
Southeast	85	80	7.0	35	65	0
State	81	90	7.0	82	18	0
5-Year Avg :	57	71				

Corn – Percent of Acreage Harvested



Soybeans – Percent Acreage Harvested



WEATHER

COLD HIGH PRESSURE DOMINATED ILLINOIS WEATHER THE FIRST PART OF THE PERIOD WITH FREEZING TEMPERATURES ACROSS MUCH OF THE STATE. DAILY HIGHS AVERAGED FROM THE LOW TO MID 60'S IN THE NORTH TO THE UPPER 60'S IN THE SOUTH, WHICH WAS NEAR NORMAL IN THE CENTRAL AND NORTH AND 2 TO 6 DEGREES BELOW NORMAL IN THE SOUTH. LOWS AVERAGED FROM THE UPPER 30'S TO THE MID 40'S ACROSS THE STATE. THESE READINGS WERE 2 TO 8 DEGREES BELOW NORMAL IN THE NORTH AND SOUTH BUT NEAR NORMAL IN THE CENTRAL.

COLDEST TEMPERATURES OCCURRED ON WEDNESDAY AND THURSDAY MORNINGS WITH LOWS IN THE LOW TO UPPER 20'S ACROSS THE STATE.

PRECIPITATION TOTALS FOR THE PERIOD AVERAGED MOSTLY 0.10 TO 0.50 INCHES OVER THE NORTH AND SOUTH AND 0.10 INCHES OR LESS IN THE CENTRAL. MOST OF THE RAIN WHICH OCCURRED WITH A FRONTAL SYSTEM OVER THE WEEKEND MADE TOTALS 0.30 TO 0.60 INCHES BELOW NORMAL FOR THE PERIOD.

SOIL TEMPERATURES AT THE 4-INCH DEPTH AVERAGED IN THE LOW TO MID 50'S IN THE NORTH TO MID TO UPPER 50'S IN THE SOUTH.

RAIN MAY AGAIN DEVELOP ON WEDNESDAY, THEN FAIR WEATHER SHOULD OCCUR THURSDAY AND FRIDAY WITH HIGHS MOSTLY IN THE 50'S TO MID 60'S AND LOWS IN THE MID 30'S TO 40'S.

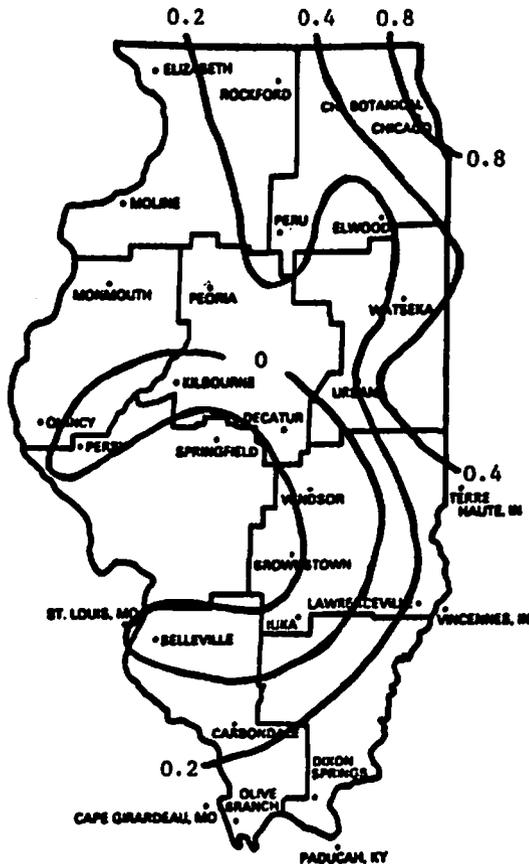
Week ending 8 A.M. Monday, October 17, 1988

Location	Temperatures			Precipitation			Growing Degree Days(50F)		
	Maxi- mum	Mini- mum	Depart- ure	Curr. week	Since May 1	Departure since May 1	Curr. week	Since May 1	Departure since May 1
ELIZABETH	64	35	-2	0.17	10.06	-11.02	56	3043	295
ROCKFORD	64	38	-1	0.26	8.77	-13.23	55	3294	515
CHICAGO	63	42	-1	0.13	13.00	-6.13	57	3305	483
CHI BOTANICAL	63	39	-4	0.03	14.62	-5.21	55	3049	-19
ELWOOD	65	37	-2	0.27	8.51	-11.80	62	3301	431
WATSEKA	65	36	-3	0.55	10.10	-11.31	61	3307	284
PERU	66	38	-2	0.23	9.55	-10.42	66	3336	241
MOLINE	66	44	1	0.17	13.70	-8.82	69	3496	449
PEORIA	66	44	0	0.05	7.55	-12.68	72	3547	454
KILBOURNE	67	42	-1	0.02	9.97	-11.80	75	3505	211
MONMOUTH	66	38	-3	0.06	10.47	-10.52	64	3319	197
QUINCY	69	46	1	0.01	8.83	-13.88	85	3596	298
PERRY	68	40	-3	0.04	15.51	-5.37	72	3418	43
SPRINGFIELD	68	45	0	0.03	8.94	-9.41	78	3666	309
DECATUR	NA	NA	NA	0.00	8.33	-11.65	NA	3430	188
URBANA	66	42	-1	0.63	9.81	-10.18	68	3538	339
WINDSOR	68	42	-1	0.07	9.56	-10.44	74	3611	243
TERRE HAUTE	64	37	-5	0.54	13.35	-6.53	56	3398	147
ST LOUIS	70	49	NA	0.11	12.84	NA	92	4079	NA
BELLEVILLE	70	47	0	0.22	8.77	-10.20	87	3626	108
BROWNSTOWN	68	41	-3	0.06	9.35	-11.38	75	3543	139
IUKA	68	35	-5	0.20	18.84	0.23	71	3432	-97
LAWRENCEVILLE	66	36	NA	0.40	10.59	NA	59	3500	NA
VINCENNES	62	36	-8	0.10	10.74	-9.93	40	3482	79
DIXON SPRINGS	68	39	-5	0.51	13.59	-6.23	70	3665	-45
PADUCAH	68	43	-4	0.53	12.54	-8.19	76	3824	68
OLIVE BRANCH	67	40	-5	0.60	16.66	-4.30	66	3601	-40
CARBONDALE	68	40	-3	0.05	17.40	-2.87	70	3587	13
C GIRARDEAU	67	46	NA	0.32	18.45	NA	73	3873	NA

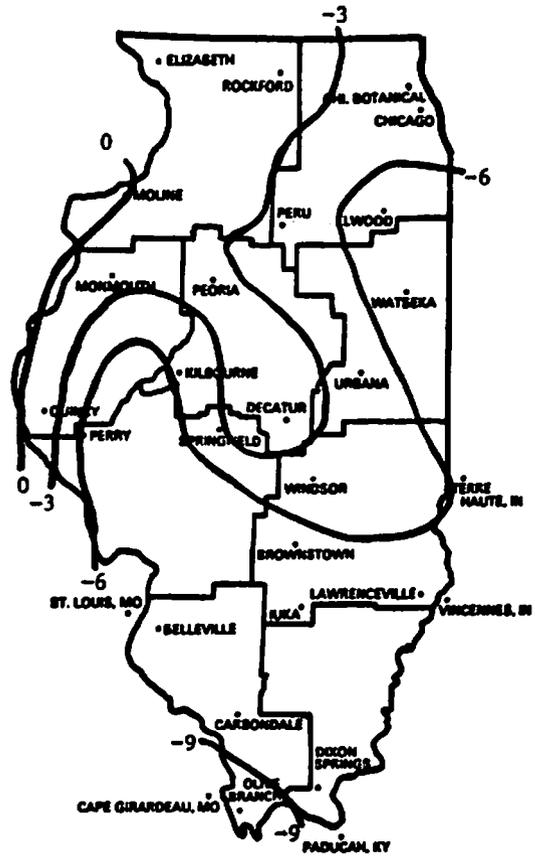
NEWSPAPER TIME VALUE

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PRECIPITATION (INCHES)
OCTOBER 11-17, 1988



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) OCTOBER 11-17, 1988

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.