

ILLINOIS WEATHER & CROPS



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CROPS

WINTER WHEAT condition on November 20 was reported as 19% excellent, 56% good, and 25% fair. Wheat conditions are mostly good in spite of generally dry conditions. The mild weather so far this fall has aided crop development, where moisture was sufficient. However, a few reports were received of wheat not germinating because of lack of moisture, and plants are smaller than usual in many areas because of the soil moisture shortage.

SOIL MOISTURE on November 20 was reported as 68% short and 32% adequate.

LIVESTOCK condition across the State is mostly good to excellent. The mild weather conditions have been favorable for livestock gains and for easier feedlot management. Hay supplies are adequate across the State, but shortages may be seen later because the reduced pasture feed supplies required earlier than usual supplemental feeding of hay. Several farmers have been hauling water to their livestock, because many wells have dried out due to lack of rainfall.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

District	Winter wheat condition			Soil moisture percent		
	Excellent	Good	Fair	Short	Adequate	Surplus

Week ending November 20						
Northwest	20	80	0	30	70	0
Northeast	15	85	0	25	75	0
West	5	65	30	95	5	0
Central	15	50	35	100	0	0
East	20	70	10	85	15	0
West-Southwest	15	70	15	85	15	0
East-Southeast	20	45	35	90	10	0
Southwest	50	35	15	45	55	0
Southeast	0	40	60	60	40	0

State	19	56	25	68	32	0

PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE
October	0.61	1.01	0.94	1.02	1.55	1.35	1.36	1.99	1.18
Departure	-1.98	-1.51	-1.91	-1.67	-1.13	-1.48	-1.39	-0.81	-1.55

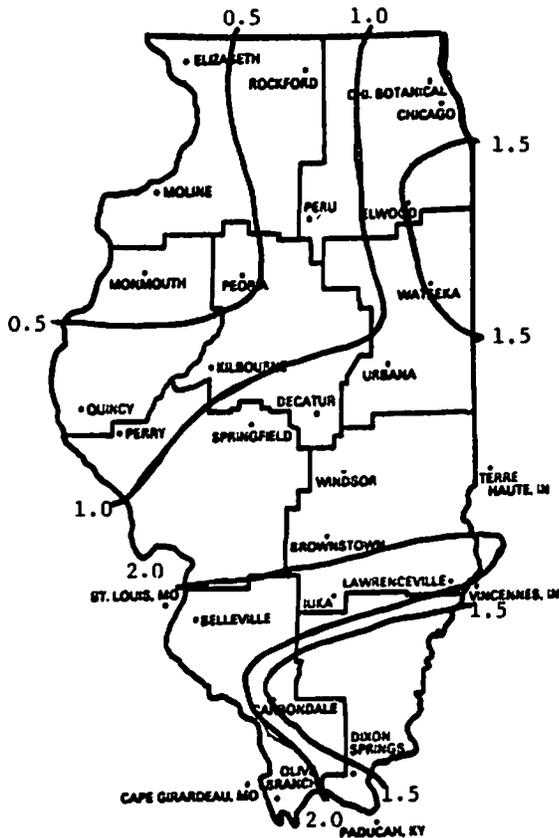
OCTOBER WEATHER SUMMARY

The Statewide average monthly **TEMPERATURE** was 4.5 degrees below normal as temperatures ranged from -4 to -11 degrees below normal. For many areas, this was the coolest October in many years. The warmest portion of the State was the southern sections, while the coolest areas were in the Northeast and East-Southeast Districts. The month started with temperatures below normal, with minimum readings dropping into the 20's in the North by the second week. Several new records were set. A warm trend developed during midmonth, with temperatures climbing above normal for several days. By the end of the month maximum readings climbed into the 70's and 80's.

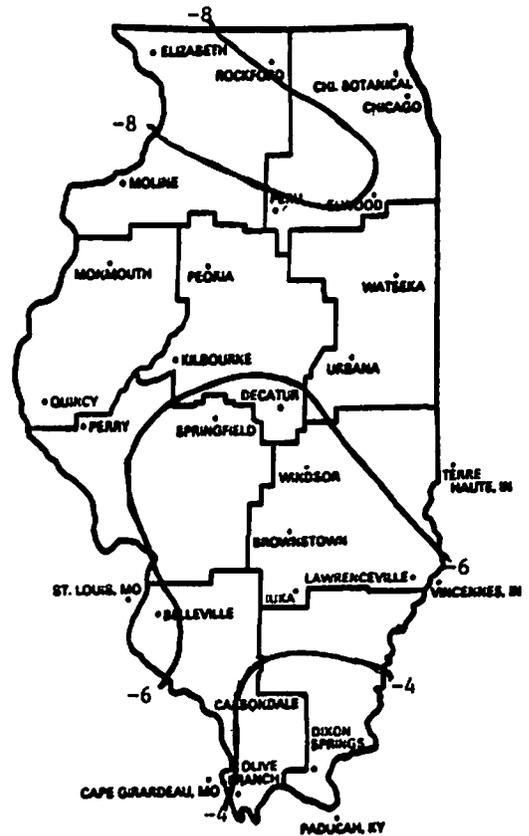
PRECIPITATION averaged below normal in the State (-1.49 inches below normal). The largest below normal variation was in the Northwest District (-1.98 inches below normal). The Southwest District was near normal. The first three weeks had scattered, light showers. The heaviest rain fell during the fourth week. The area in the Southwest received the most rain during the month with a total of 3.89 inches. The least amount of rainfall fell in the Northwest.

The **OUTLOOK** for the rest of November is for temperatures to be above normal and precipitation to be near normal.

The **90-DAY OUTLOOK** from November through January is for temperatures and precipitation to be below normal.



OCTOBER 1987
PRECIPITATION



OCTOBER 1987 TEMPERATURE
DEVIATIONS FROM AVERAGE

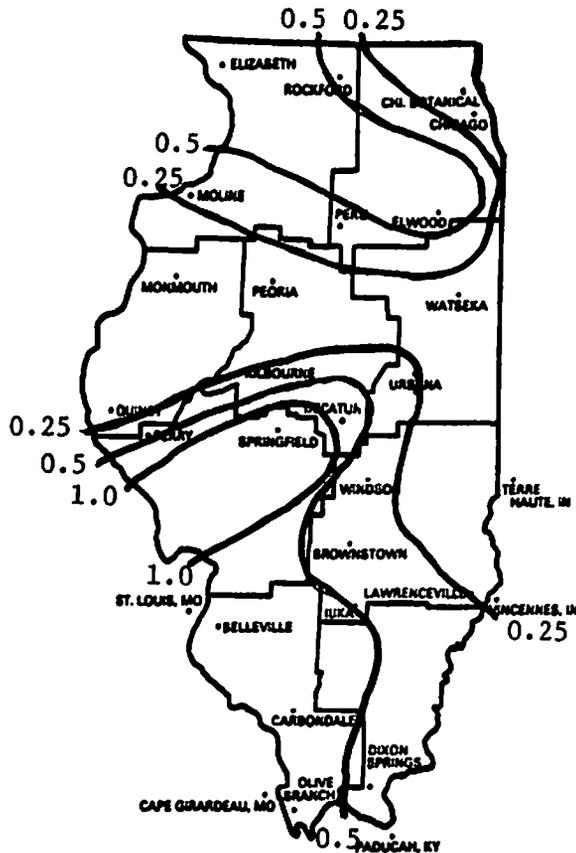
WEATHER SUMMARY, NOVEMBER 1-15, 1987

THE FIRST HALF OF NOVEMBER WAS GENERALLY WARM AND DRY. AVERAGE DAILY TEMPERATURES WERE 4 TO 6 DEGREES ABOVE NORMAL, DESPITE A BRIEF INTRUSION OF COLD CANADIAN AIR AROUND THE 10TH. AVERAGE HIGHS RANGED FROM THE MID-50'S NORTH TO MID-60'S SOUTH WHILE AVERAGE NIGHTTIME LOWS GENERALLY VARIED BETWEEN THE MID-30'S AND MID-40'S. TEMPERATURE EXTREMES FOR THE FIRST TWO WEEKS OF NOVEMBER WERE 84 DEGREES AT BROWNSTOWN ON THE 4TH AND 16 DEGREES AT ELIZABETH ON THE 12TH.

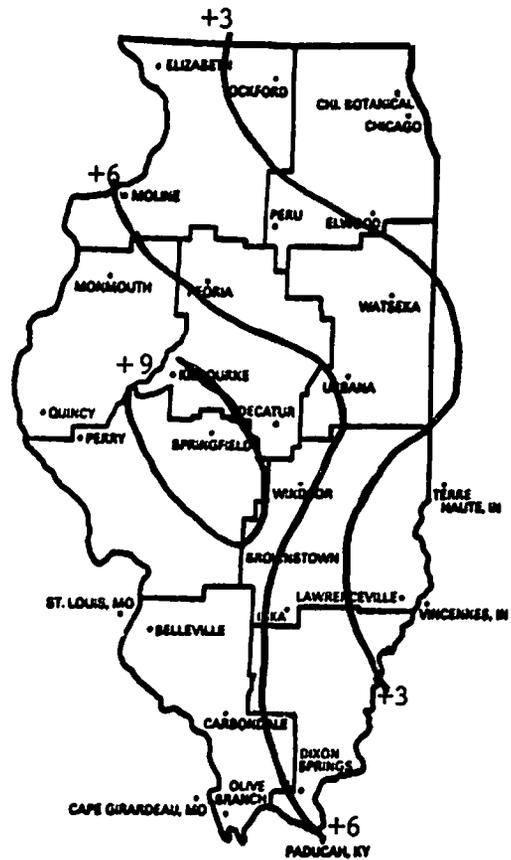
PRECIPITATION WAS .50 TO 1.50 INCHES BELOW NORMAL AT MOST REPORTING STATIONS; ALTHOUGH, A FEW LOCATIONS DID MANAGE TO EXCEED THE USUAL AMOUNT BY ABOUT ONE-QUARTER TO ONE-THIRD INCH. ACTUAL AMOUNTS RANGED FROM 0.04 INCH AT DECATUR TO 1.35 INCHES AT PERU, WITH MOST STATIONS OBSERVING ABOUT 0.30 TO 0.50 INCH.

3 TO 5-DAY FORECAST, NOVEMBER 25-27, 1987

A FRONT IS EXPECTED TO STALL NEAR THE OHIO RIVER AND WILL KEEP MOSTLY CLOUDY SKIES AND A CHANCE OF RAIN IN THE FORECAST EACH DAY. HIGHS WILL RANGE IN THE 40'S NORTH AND CENTRAL AND LOWER 50'S SOUTH. OVERNIGHT LOWS WILL GENERALLY BE IN THE 30'S.



**PRECIPITATION (INCHES)
NOVEMBER 1-15, 1987**



**TEMPERATURE DEVIATION FROM
AVERAGE (°F) NOVEMBER 1-15, 1987**

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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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