

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

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ILLINOIS DEPARTMENT OF AGRICULTURE

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HAPPY THANKSGIVING

CROPS

WINTER WHEAT condition on November 17 was reported as 17% excellent, 77% good, and 6% fair. Wheat conditions are mostly good in all areas of the State and have benefited from recent rainfall. Some late seeded wheat fields, which were slow in germinating due to a lack of moisture, are now showing good growth.

SOIL MOISTURE on November 17 was reported as 53% short, 40% adequate, and 7% surplus. Soil moisture supplies have improved across much of the State during the past two weeks. The Northwest, West, and Central Districts remain short to mostly short and are in need of moisture.

LIVESTOCK conditions across the State are mostly good to excellent. The wide temperature variations have caused some stress on livestock. The open fall season has allowed livestock producers to leave livestock out grazing stubble fields and limited the need for supplemental feeding. Cool season grasses, which improved with fall rains, are also providing good forage for cattle. Hay supplies are mostly good and should not pose a problem for many farmers this winter. Some hauling of water for livestock was reported in the West District.

ILLINOIS DISTRICT SUMMARY

District	Winter Wheat Condition			Soil Moisture Percent		
	Excellent	Good	Fair	Short	Adq.	Surplus

As of November 17						
Northwest	15	80	5	90	10	0
Northeast	35	65	0	45	55	0
West	25	70	5	100	0	0
Central	20	70	10	100	0	0
East	20	75	5	30	70	0
W Southwest	20	65	15	60	40	0
E Southeast	15	75	10	30	60	10
Southwest	20	80	0	20	70	10
Southeast	0	100	0	0	50	50

State	17	77	6	53	40	7

PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES										
	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
October	1.45	1.40	1.52	1.18	1.08	1.55	1.72	2.01	2.54	1.61
Departure	-1.14	-1.12	-1.33	-1.50	-1.60	-1.28	-1.03	-0.79	-0.19	-1.11

OCTOBER WEATHER SUMMARY

ILLINOIS RECORDED ABOVE NORMAL TEMPERATURES AND BELOW NORMAL PRECIPITATION. ILLINOIS AVERAGE MONTHLY TEMPERATURE WAS 1 DEGREE ABOVE NORMAL AS TEMPERATURES RANGED FROM 0 TO 2 DEGREES ABOVE NORMAL. THE COOLEST PORTION OF THE STATE WAS THE NORTHEAST, WHILE THE WARMEST AREAS WAS IN THE SOUTH-SOUTHWEST DISTRICT (NEAR ST. LOUIS). DURING THE FIRST HALF OF THE MONTH, TEMPERATURES WERE BELOW NORMAL WITH LOWS DROPPING INTO THE 20'S. THE STATION NEAR THE TOWN OF ELIZABETH, WHICH IS IN THE NORTHWEST DISTRICT, RECORDED ONE OF THE LOWEST READINGS IN THE STATE (21 DEGREES ON THE 5TH). A WARMING TREND THEN TOOK PLACE BRINGING THE MAXIMUM READINGS INTO THE 80'S AND 90'S IN MANY AREAS. THE TOWN OF CAPE GIRARDEAU, MO. (WHICH IS ACROSS THE RIVER FROM THE SOUTHWEST DISTRICT), RECORDED ONE OF THE HIGHEST MAXIMUM TEMPERATURES OF 93 DEGREES ON THE 14TH. DURING THE LAST FEW DAYS OF THE MONTH, COOL AIR MOVED BACK INTO THE STATE.

PRECIPITATION AVERAGED BELOW NORMAL IN THE STATE (-1.11 INCHES BELOW NORMAL). THE LARGEST BELOW NORMAL VARIATION WAS IN THE EASTERN DISTRICT (-1.60 INCHES BELOW NORMAL). PRECIPITATION FELL DURING THE FIRST WEEK AND AFTER MID-MONTH. THE SOUTHWEST RECEIVED HEAVY RAIN DURING THE THIRD WEEK, WITH UP TO 3 INCHES FALLING DURING A 24-HOUR PERIOD. THE TOWN OF CENTRALIA, WHICH IS IN THE SOUTHWEST DISTRICT, RECEIVED THE LARGEST RAINFALL MONTHLY TOTAL WITH 4.30 INCHES.

THE FIRST SNOW OF THE SEASON FELL AFTER MID-MONTH. CHICAGO, WHICH IS IN THE NORTHEAST DISTRICT, RECORDED THE LARGEST AMOUNT WITH 6 INCHES. THIS WAS THE LARGEST DAILY SNOWFALL IN THE HISTORY OF CHICAGO FOR THE MONTH OF OCTOBER. ON THE 19TH, 3 INCHES FELL (ALTHOUGH MOST OF THE SNOW MELTED WHEN IT HIT THE GROUND). THE TOWN OF PARIS, WHICH IS IN THE EAST-SOUTHEAST DISTRICT, RECEIVED 4 INCHES. MANY AREAS IN THE CENTRAL AND EASTERN SECTIONS RECEIVED 2 TO 4 INCHES.

THE OUTLOOK FOR THE REMAINDER OF NOVEMBER IS FOR TEMPERATURES TO BE NEAR NORMAL AND PRECIPITATION TO BE BELOW NORMAL.

THE 90-DAY OUTLOOK FROM NOVEMBER THROUGH JANUARY IS FOR TEMPERATURES NEAR NORMAL AND PRECIPITATION WILL BE ABOVE NORMAL.

Summary provided by The National Weather Service Cooperative Observers
NOAA, Rosemont, Illinois

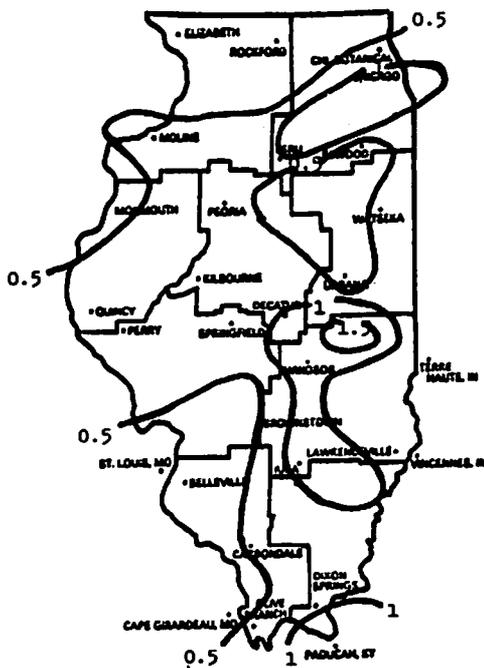
WEATHER

THE FIRST HALF OF NOVEMBER BROUGHT A WIDE RANGE OF WEATHER CONDITIONS TO ILLINOIS. A COLD SNAP AT THE BEGINNING OF THE MONTH BROUGHT MINIMUM TEMPERATURES TO THE TEENS AND LOWER 20'S ON THE MORNING OF THE THIRD. SOME MODERATION FOLLOWED THAT KEPT TEMPERATURES IN A SEASONAL RANGE FOR THE FOLLOWING WEEK. THEN PERIODS OF WARMING BROUGHT READINGS INTO THE 70'S TO NEAR 80 AROUND THE STATE BETWEEN THE 11TH AND 13TH. AVERAGES FOR THE TWO WEEKS TURNED OUT TO BE 1 TO 3 DEGREES ABOVE NORMAL THOUGH THERE WAS A RANGE OF FIFTY TO SIXTY DEGREES BETWEEN THE HIGHEST AND LOWEST TEMPERATURES.

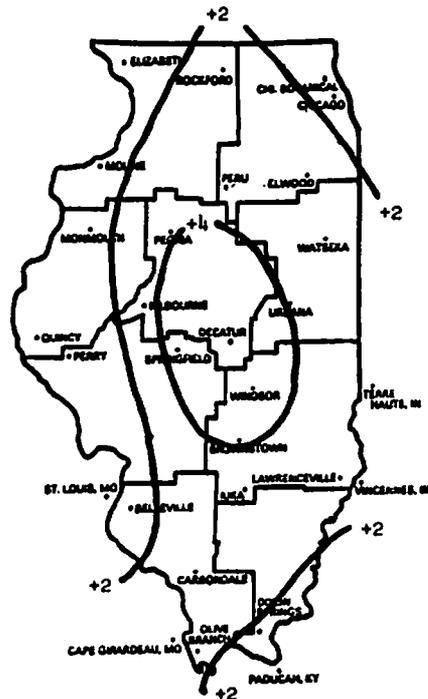
LIGHT TO MODERATE PRECIPITATION FELL DURING THE PERIOD OF THE 6TH THROUGH THE 8TH. BUT THE MOST SIGNIFICANT PRECIPITATION WAS CONCENTRATED BETWEEN THE 14TH AND 16TH. AT THAT TIME RAIN TOTALS OF AN INCH OR MORE WERE REGISTERED AT MANY LOCATIONS AROUND THE STATE AND SEVERE STORMS CAUSED DAMAGE IN SOUTHERN ILLINOIS. PRECIPITATION TOTALS FOR THE TWO WEEK PERIOD WERE ABOVE NORMAL ONLY IN THE NORTHEAST, HOWEVER, ELSEWHERE THE TOTALS LAGGED BEHIND NORMAL BY A HALF TO THREE QUARTERS OF AN INCH DESPITE THE HEAVY RAINS THAT FELL IN A RELATIVELY SHORT PERIOD OF TIME.

THEREFORE, LOOKING ONLY AT THE WEEK ENDING MONDAY NOVEMBER 20 PRECIPITATION TOTALS WERE ABOVE NORMAL IN MOST SECTIONS. TEMPERATURES DURING THE PAST WEEK ALSO EXHIBITED A WIDE RANGE. THE WARMTH THAT BROUGHT READINGS INTO THE 70'S ON THE 13TH AND 14TH WAS REPLACED BY AN ARCTIC BLAST AT THE END OF THE WEEK. READINGS FELL INTO THE TEENS THROUGHOUT THE STATE OVER THE WEEKEND. AVERAGE TEMPERATURES FOR THE WEEK WERE AS MUCH AS FOUR DEGREES BELOW NORMAL IN PARTS OF NORTHERN ILLINOIS WHILE REMAINING NEAR NORMAL TO A DEGREE OR TWO ABOVE NORMAL IN THE SOUTH.

THE WEEK AHEAD PROMISES MORE VARIABILITY FOR ILLINOIS. MILD AIR STARTING THE WEEK WILL BE DISPLACED BY A SUCCESSION OF FRONTAL DISTURBANCES. PRECIPITATION WILL BE LIGHT THOUGH AND LIMITED TO A CHANCE OF RAIN OR SNOW NORTH AND RAIN SOUTH ON THANKSGIVING DAY. HIGHS WILL BE LIMITED TO THE 40'S TUESDAY THROUGH THURSDAY AND TO THE RANGE OF MID 20'S TO MID 30'S OVER THE LENGTH OF THE STATE FRIDAY. MINIMUM TEMPERATURES IN THE UPPER 20'S AND 30'S THROUGH THE MIDDLE OF THE WEEK WILL FALL TO THE MID TEENS TO MID 20'S RANGE FRIDAY.



PRECIPITATION (INCHES)
NOV. 1-15, 1989



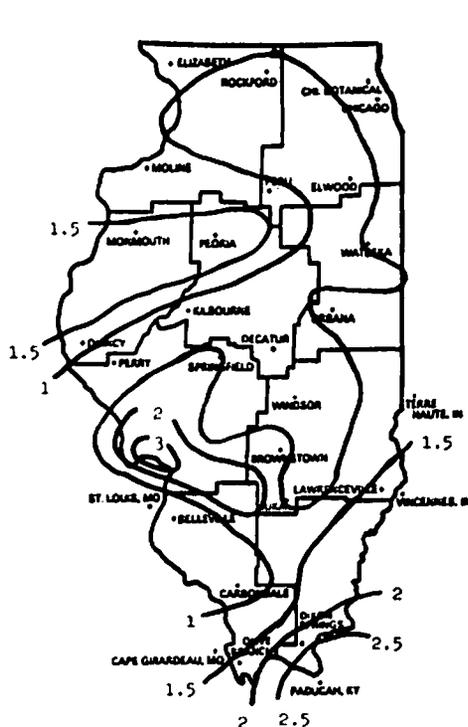
TEMPERATURE DEPARTURES FROM
AVERAGE (OF) NOV. 1-15, 1989

NEWSPAPER TIME VALUE

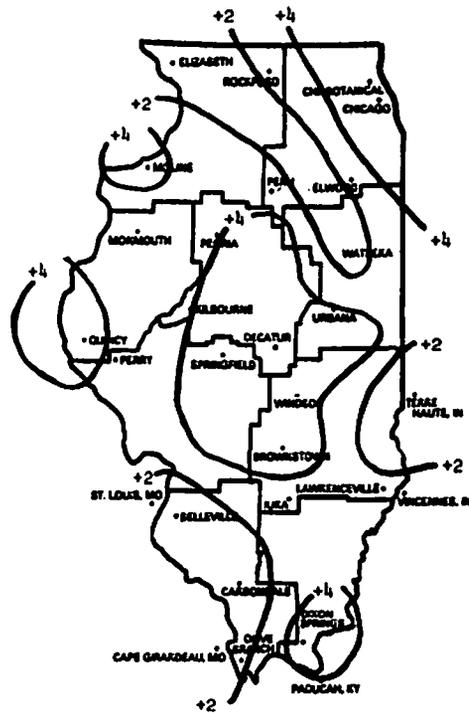
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PRECIPITATION (INCHES)
OCTOBER 1989



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) OCTOBER 1989

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers.