

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

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U.S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE

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CROPS

WINTER WHEAT condition, as of January 18, was reported as 1% excellent, 45% good, 48% fair, and 6% poor. Wheat conditions deteriorated from a month earlier across much of the state and especially in the Southern two districts. Farmers expressed concern about wheat being covered by water and ice for extended periods of time. The snow and ice cover also limited many crop reporters' assessment of the wheat crop.

SOIL MOISTURE on January 18 was reported as 44% adequate and 56% surplus. There were no reports of short soil moisture supplies for the state and the Northwest and Northeast were the only two Districts not experiencing surplus soil moisture.

LIVESTOCK were in mostly good condition with only minor respiratory problems being reported. The icy conditions that existed over the last two or three weeks caused many problems for farmers trying to feed livestock and clean livestock lots. As ice and snow have melted, lots have become muddy, causing other problems for livestock and livestock producers. Hay supplies continue to be adequate, but the availability of good quality hay is declining.

ILLINOIS DISTRICT SUMMARY

District	Winter Wheat Condition				Soil Moisture Percent		
	Excellent	Good	Fair	Poor	Short	Adq.	surplus
As of January 18							
Northwest	0	70	30	0	0	100	0
Northeast	0	90	0	10	0	100	0
West	5	80	15	0	0	85	15
Central	0	100	0	0	0	35	65
East	15	55	30	0	0	35	65
W Southwest	0	60	40	0	0	20	80
E Southeast	0	30	65	5	0	5	95
Southwest	0	40	60	0	0	15	85
Southeast	0	0	70	30	0	0	100
State	1	45	48	6	0	44	56

PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES										
	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
December	2.12	2.30	3.53	3.36	4.97	5.20	6.10	7.35	6.84	4.64
Departure	0.28	0.28	1.61	1.23	2.77	3.02	3.32	4.29	3.53	2.26

DECEMBER WEATHER SUMMARY

TEMPERATURES WERE SLIGHTLY BELOW NORMAL AND PRECIPITATION WAS ABOVE NORMAL IN ILLINOIS.

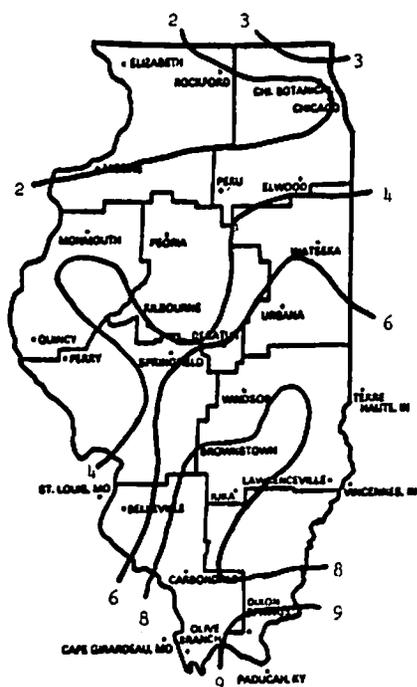
THE AVERAGE TEMPERATURE DEPARTURE FOR THE STATE WAS 0.2 DEGREES BELOW NORMAL. THE NORTHWEST AND NORTHEAST PORTIONS OF THE STATE WERE BELOW NORMAL, WHILE THE SOUTH WAS ABOVE NORMAL. THE FIRST HALF OF THE MONTH WAS WARM AS HIGHS CLIMBED INTO THE 50'S AND 60'S. A COOL PERIOD THEN DEVELOPED, LOWS FELL BELOW THE ZERO MARK IN THE NORTH. ST. LOUIS (NEAR THE WEST-SOUTHWEST DISTRICT) RECORDED THE HIGHEST MAXIMUM READING, 67 DEGREES ON THE 12TH. ELIZABETH (IN THE NORTHWEST DISTRICT) RECORDED THE LOWEST TEMPERATURE, 11 DEGREES BELOW ZERO ON THE 27TH.

THE AVERAGE PRECIPITATION FOR THE STATE WAS 2.26 INCHES ABOVE NORMAL. THE SOUTHWEST DISTRICT RECORDED THE GREATEST AVERAGE PRECIPITATION WITH 4.29 INCHES ABOVE NORMAL. SMITHLAND (NEAR THE SOUTHEAST DISTRICT) RECORDED THE GREATEST PRECIPITATION TOTAL FOR THE MONTH WITH 10.44 INCHES. MORE THAN 3 INCHES FELL IN THIS AREA ON THE 29TH. PEORIA RECORDED THE LARGEST TOTAL PRECIPITATION FOR THE YEAR. THE HEAVY PRECIPITATION DURING THE END OF THE MONTH CAUSED RIVERS TO RISE ABOVE FLOOD STAGE.

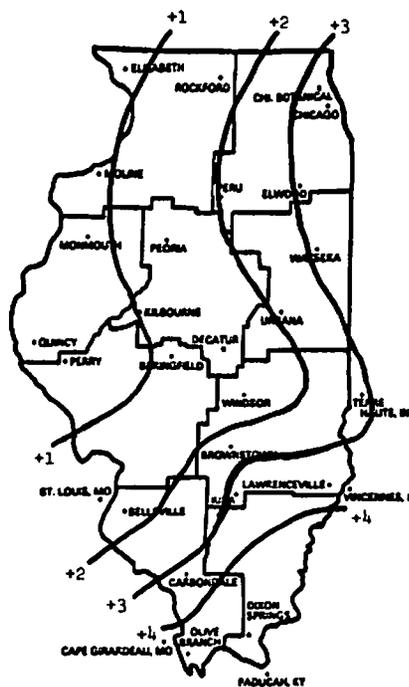
SNOW WAS ABOVE NORMAL IN MOST SECTIONS OF THE STATE. HEAVY SNOW FELL DURING THE FIRST WEEK.

THE OUTLOOK FOR THE REMAINDER OF JANUARY IS FOR TEMPERATURES TO BE BELOW NORMAL AND PRECIPITATION TO BE ABOVE NORMAL.

THE 90-DAY OUTLOOK FOR ILLINOIS FROM FEBRUARY THROUGH APRIL IS FOR BELOW NORMAL TEMPERATURES AND FOR PRECIPITATION TO BE ABOVE NORMAL.



PRECIPITATION (INCHES)
DEC. 1990



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) DEC. 1990

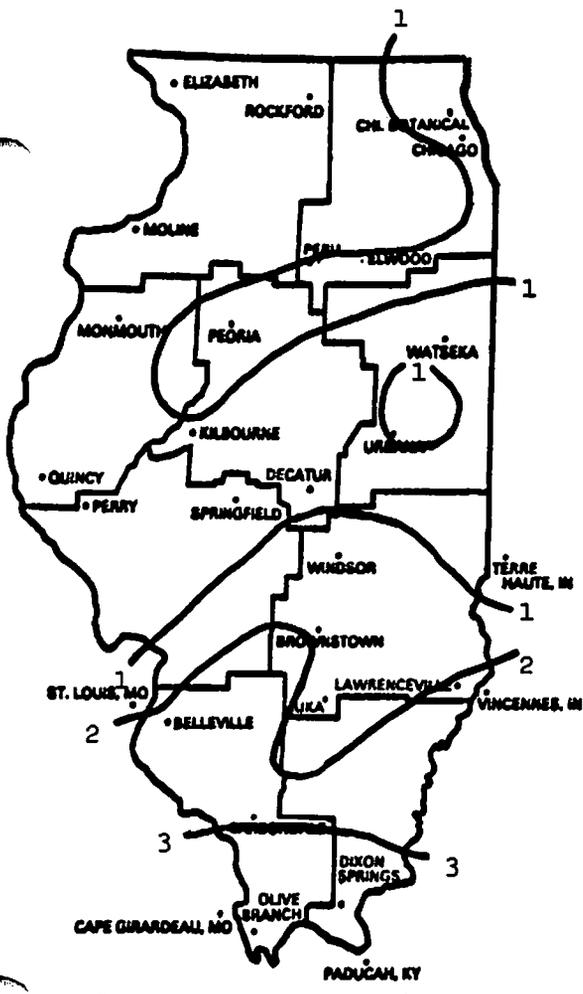
WEATHER

TYPICAL WINTER WEATHER PREVAILED THROUGHOUT THE FIRST HALF OF JANUARY. OCCASIONAL STORMS BROUGHT SNOW AND ICE AT TIMES WHILE SOUTHERN SECTIONS NOTED MOSTLY RAIN WITH MANY OF THE STORMS. THE NEW YEAR BEGAN VERY COLD AS TEMPERATURES PLUMMETED TO THE SINGLE DIGITS AND SUB-ZERO SINGLE DIGITS IN THE FIRST 5 DAYS. READINGS BEGAN TO RISE STEADILY THE REMAINDER OF THE TIME AND TEMPERATURES FOR THE PERIOD AS A WHOLE WERE NEAR NORMAL.

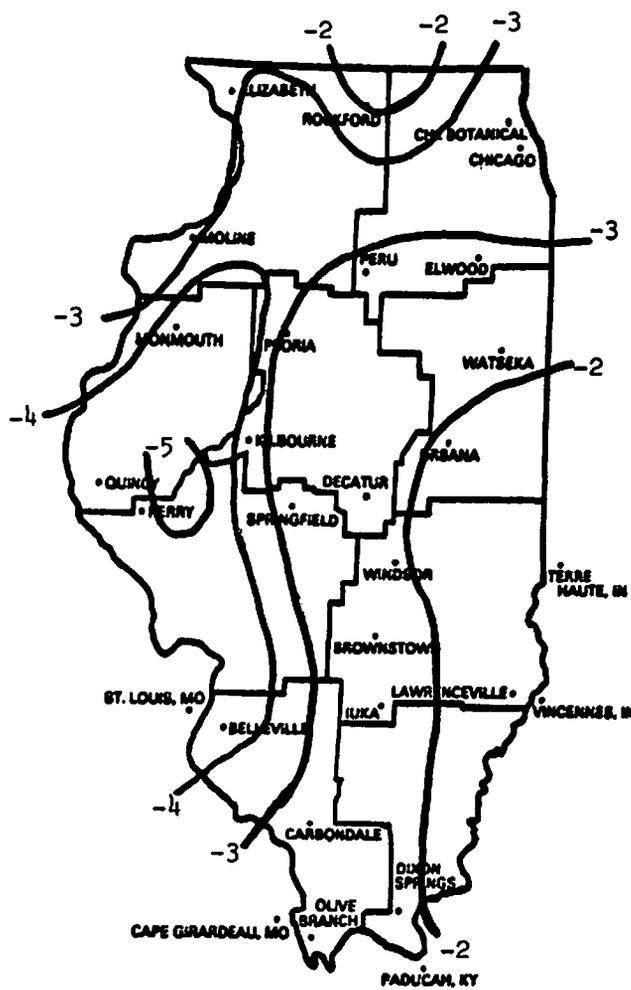
MEAN HIGHS RANGED FROM 25 TO 35 WHILE AVERAGE LOWS VARIED FROM 9 TO 26. MEAN TEMPERATURES REACHED FROM 17 TO 32 WHICH EQUATES TO DEPARTURES FROM NORMAL OF -3 TO +3 DEGREES. MOST LOCATIONS NOTED TEMPERATURES WITHIN +/- 2 DEGREES OF NORMAL.

TOTAL PRECIPITATION RANGED FROM A LOW OF ONE-THIRD INCH AT WATSEKA TO 2.6 INCHES AT OLIVE BRANCH. IN GENERAL, THE NORTHERN TWO-THIRDS OF THE STATE NOTED ONE-HALF TO SLIGHTLY MORE THAN ONE INCH WHILE ONE TO TWO AND ONE-HALF INCH TOTALS WERE LIMITED TO THE FAR SOUTH. MOST LOCATIONS NOTED DEPARTURES FROM NORMAL WITHIN +/- 0.25 INCHES OF NORMAL. A FEW EXTREMES INCLUDED MONMOUTH WITH .47 INCHES (-0.42 DEPARTURE FROM NORMAL) AND WATSEKA WHICH TALLIED 0.64 INCHES SHORT OF NORMAL. EXCESSIVE MOISTURE WAS LIMITED TO THE FAR SOUTH WHERE DEPARTURES FROM NORMAL REACHED AS HIGH AS ONE INCH AT OLIVE BRANCH.

Information above provided by Midwest Agricultural Weather Service Center
Purdue University, West LaFayette, Indiana 47907



PRECIPITATION (INCHES)
JAN. 1-15, 1991



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) JAN. 1-15, 1991

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

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