

# 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 February 15, was reported as 42% good, 52% fair, and 6% poor. Condition of the wheat crop remained virtually unchanged from our report a month ago. There were numerous reports of wheat damaged by ice and standing water, but the extent of this damage is still unknown as the crop remains dormant. A few farmers have started applying fertilizer to the crop when conditions allow.

**SOIL MOISTURE** as of February 15 was reported as 2% short, 56% adequate and 42% surplus. A small percentage of short soil moisture supplies were reported in the Northwest and East Districts. Moisture supplies are mostly adequate in Northern areas and mostly surplus in the South.

**LIVESTOCK** were in mostly good to excellent condition with a few reports of problems associated with the wide temperature fluctuations. Lambing is well underway and calving has started in some areas and is not far off in others. Posted roads have slowed movement of grain. Hay supplies remain mostly adequate with only limited shortages occurring.

### ILLINOIS DISTRICT SUMMARY

District	Winter Wheat Condition				Soil Moisture Percent		
	Excellent	Good	Fair	Poor	Short	Adq.	Surplus
As of February 15							
Northwest	0	90	10	0	10	90	0
Northeast	0	35	50	15	0	100	0
West	0	30	55	15	0	90	10
Central	0	50	50	0	0	75	25
East	0	80	20	0	10	60	30
W Southwest	0	55	35	10	0	50	50
E Southeast	0	20	80	0	0	25	75
Southwest	0	70	20	10	0	10	90
Southeast	0	0	100	0	0	0	100
State	0	42	52	6	2	56	42

PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES										
	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
January	1.05	1.25	0.90	0.85	1.41	1.39	1.65	2.74	3.35	1.62
Departure	-0.61	-0.77	-1.02	-1.28	-0.79	-0.79	-1.13	-0.32	0.04	-0.74

**JANUARY WEATHER SUMMARY**

TEMPERATURES AND PRECIPITATION WERE SLIGHTLY BELOW NORMAL DURING JANUARY IN ILLINOIS.

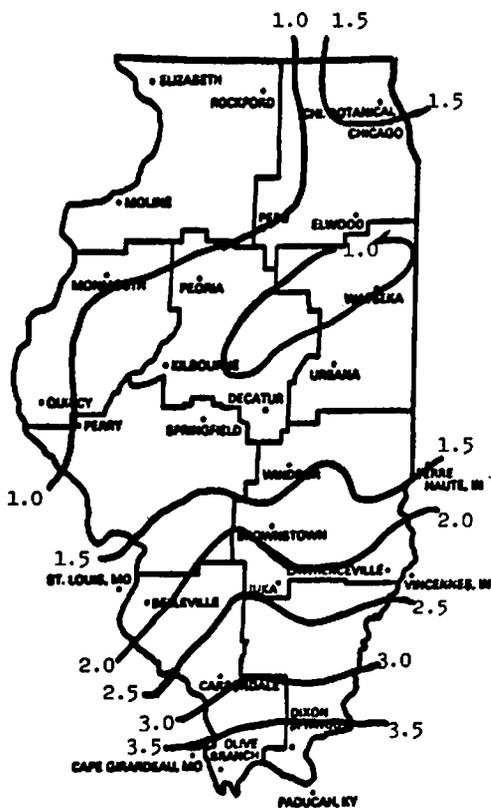
THE AVERAGE TEMPERATURE DEPARTURE FOR THE STATE WAS 0.4 DEGREES BELOW NORMAL. THE NORTHERN TWO-THIRDS OF THE STATE WAS SLIGHTLY BELOW NORMAL WHILE THE SOUTH WAS SLIGHTLY ABOVE THE NORM. THE FIRST HALF OF THE MONTH WAS SLIGHTLY BELOW NORMAL AS HIGHS CLIMBED INTO THE 20'S. A MILD PERIOD THEN DEVELOPED, SENDING HIGHS INTO THE 40'S AND 50'S. A VERY COLD PERIOD THEN DEVELOPED, WITH LOWS FALLING AS LOW AS 21 DEGREES BELOW ZERO. PADUCAH (NEAR THE SOUTHEAST DISTRICT) RECORDED THE HIGHEST READING; 55 DEGREES ON THE 15TH. ELIZABETH (IN THE NORTHWEST DISTRICT) RECORDED THE LOWEST TEMPERATURE; 21 DEGREES BELOW ZERO ON THE 23RD.

THE AVERAGE PRECIPITATION FOR THE STATE WAS 0.74 OF AN INCH BELOW NORMAL. THE CENTRAL DISTRICT RECORDED THE LEAST PRECIPITATION WITH 0.85 INCHES (1.28 INCHES BELOW NORMAL). THE SOUTHEAST DISTRICT WAS THE ONLY DISTRICT THAT WAS SLIGHTLY ABOVE NORMAL, 0.04 OF AN INCH ABOVE THE NORM. SMITHLAND (IN THE SOUTHEAST DISTRICT) RECORDED THE GREATEST PRECIPITATION TOTAL FOR THE MONTH WITH 3.91 INCHES. AS A RESULT OF THE HEAVY RAIN, A FEW RIVERS ROSE ABOVE FLOOD STAGE.

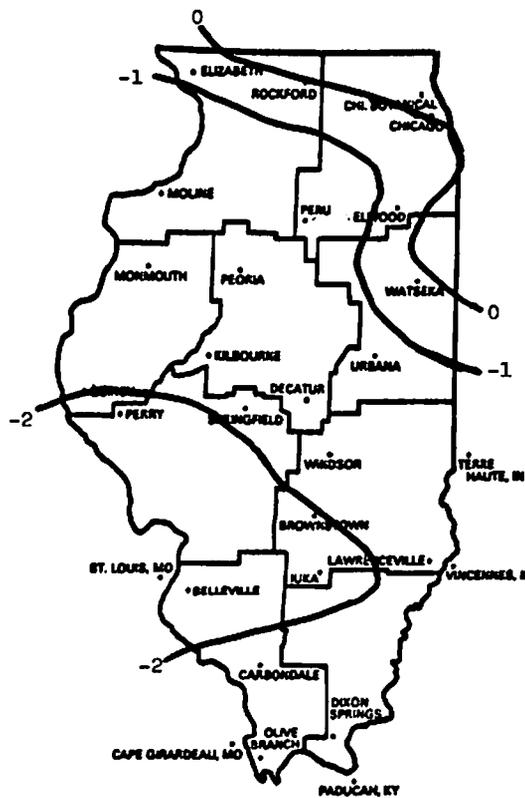
SNOW WAS NEAR NORMAL IN MOST SECTIONS. HEAVY SNOW FELL DURING THE FIRST WEEK.

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

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



PRECIPITATION (INCHES)  
JANUARY 1991



TEMPERATURE DEPARTURES FROM  
AVERAGE (°F) JANUARY 1991

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

## WEATHER SUMMARY FOR FEBRUARY 1-15, 1991

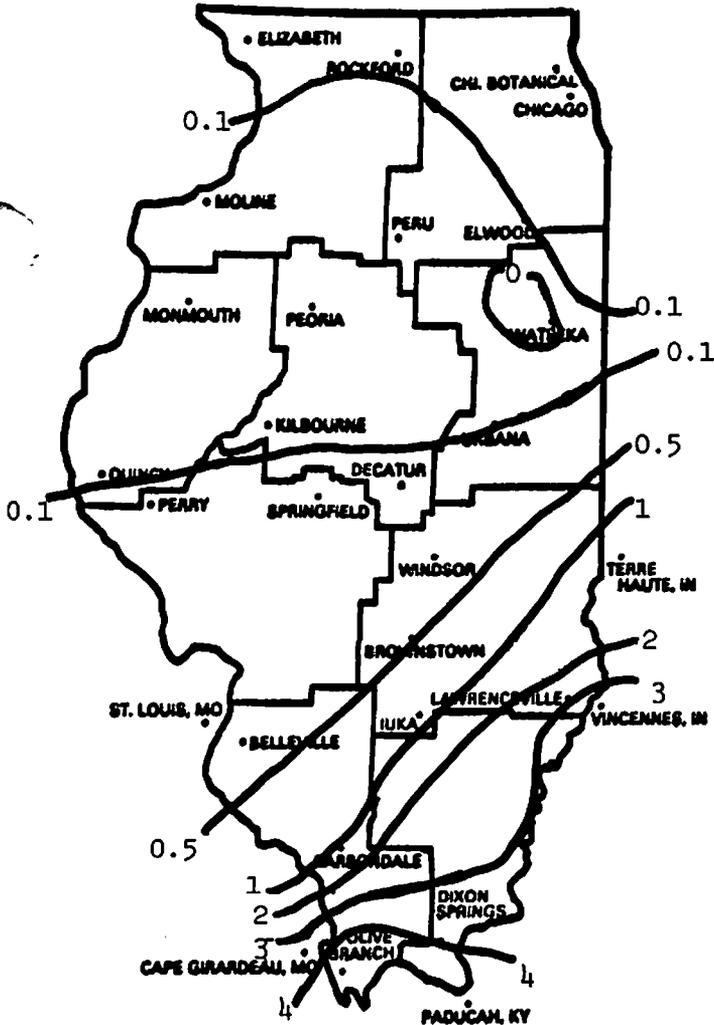
MILDER AND DRIER THAN NORMAL WEATHER OCCURRED OVER THE NORTHERN TWO THIRDS OF ILLINOIS. COLD ARCTIC AIR BLASTED SOUTH INTO THE STATE LATE IN THE PERIOD WITH LOWS IN THE SINGLE DIGITS AND TEENS MOST LOCATIONS.

DAILY HIGH TEMPERATURES AVERAGED FROM THE UPPER 30'S TO AROUND 40 NORTH, TO THE MID 40'S TO MID 50'S SOUTH, WHICH WAS MOSTLY 3 TO 8 DEGREES ABOVE NORMAL ACROSS THE STATE. LOWS AVERAGED MOSTLY FROM THE LOW AND MID 20'S NORTH, TO THE UPPER 20'S TO MID 30'S SOUTH, WHICH WAS MOSTLY 5 TO 11 DEGREES ABOVE NORMAL.

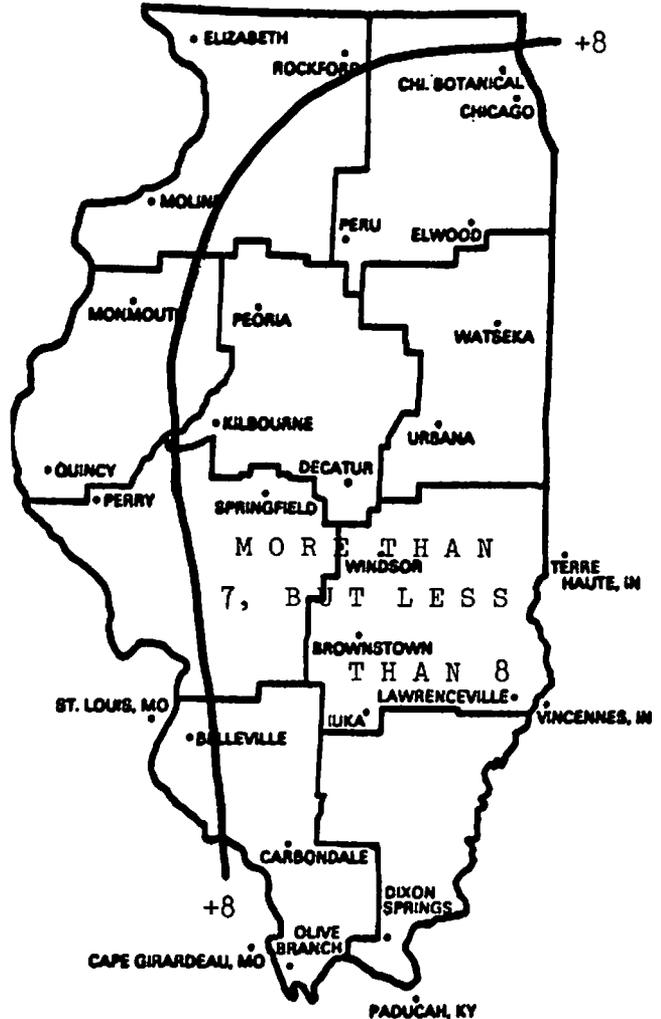
HIGHEST TEMPERATURES PEAKED IN THE 50'S NORTH, AND THE 60'S TO LOW 70'S SOUTH. BY THE END OF THE PERIOD, SNOW COVER WAS PRIMARILY LIMITED TO 1 INCH OR LESS, AND OVER THE NORTH.

PRECIPITATION TOTALS, WATER EQUIVALENT, FOR THE PERIOD AVERAGED AROUND 0.20 INCH OR LESS NORTH AND WEST CENTRAL. AMOUNTS INCREASED TO 1 TO OVER 3 INCHES OVER THE SOUTH, WHERE EXCESS AMOUNTS OF 0.50 TO 1.75 INCHES WERE COMMON.

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



PRECIPITATION (INCHES)  
FEB. 1-15, 1991



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

ILLINOIS DEPARTMENT OF AGRICULTURE  
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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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