

# ILLINOIS WEATHER & CROPS



## ILLINOIS COOPERATIVE CROP REPORTING SERVICE

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RELEASED: JANUARY 23, 1984, 3 P.M., CST

VOL.5, NO. 1

### CROPS

WINTER WHEAT condition, as of January 20, was reported as 5% excellent, 64% good, 27% fair, and 4% poor. Light to moderate snow cover has helped protect wheat plants from the extremely cold temperatures. Thus far, winter damage from the low temperatures and ice cover in some low-lying areas is expected to be light.

The week of January 23 to 29 calls for snow on Monday in the North and snow changing to rain in the South. Temperatures will be near normal on Monday. Tuesday will be partly sunny. Wednesday will again be mild. However, it will turn colder on Thursday and Friday with highs in the low teens in the North and lower 30's in the South.

SOIL MOISTURE as of January 20 was rated as 3% short, 81% adequate, and 16% surplus.

### DECEMBER WEATHER SUMMARY

LIVESTOCK condition over the State is mostly fair. Animals having little or no protection from the weather have shown considerable stress, with some death losses. Weight gains have been reduced, even though supplemental feeding has been heavy. The increased usage of hay feeding has caused supplies to dwindle rapidly. For the State, hay supplies on hand January 20 were reported as 55% short and 45% adequate.

Average monthly TEMPERATURES ranged from 9 to 14 degrees below normal throughout the State. The West-Southwest District had the largest below normal variation (14.6 degrees below normal). Temperatures were below normal during the entire month except for a brief period of above average temperatures in the South during the second week. Many new minimum readings were set as temperatures fell to 25 degrees below zero in the North. Many stations reported this to be the coldest December on record. In the fourth week, temperatures dropped to 15 to 22 degrees below the normal.

GRAIN MOVEMENT over much of the State has been slowed by the extremely cold and adverse winter weather. Barge movement of grain was delayed by frozen river conditions.

PRECIPITATION was above normal in all districts of the State with the largest above normal variation in the Southeast District. Heavy precipitation fell in many sections during the first three weeks, which was followed by a rather dry spell.

### WEATHER

The week of January 16 to 22 was another bitter cold one across the entire state with TEMPERATURES running as much as 33 degrees below normal. Only on Sunday did temperatures moderate to near normal.

December had several snowstorms. An average of 8 to 18 inches fell in the north and central sections. Only 1 to 4 inches fell in the extreme South.

PRECIPITATION was light throughout Northern Illinois with amounts less than .05 inches. In central and Southern Illinois there were some areas with reports of around .25 inches. These areas included Springfield and St. Louis in Central Illinois and the area around Paducah, Kentucky in Southern Illinois.

The EXTENDED OUTLOOK from January 15 to February 15, 1984 is for temperatures and precipitation to be below normal.

### ILLINOIS CROP REPORTING DISTRICT SUMMARY

Soil Characteristics	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
Week ending January 20											
Soil moisture %											
Short	0	0	10	5	0	5	0	0	0	3	
Adequate	100	100	90	85	100	85	65	60	50	81	
Surplus	0	0	0	10	0	10	35	40	50	16	

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**PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES**

	NW	NE	W	C	E	WSW	ESE	SW	SE
December	2.79	2.82	2.27	3.52	4.12	4.29	4.21	4.12	3.79
Departure	+1.03	+0.89	+0.51	+1.45	+2.36	+2.27	+1.52	+1.08	+0.48

Station	Week ending Monday, 6 A.M., January 23		
	Temperatures		
	Maximum	Minimum	Average
Moline	28	-16	6.6
Rockford	24	-22	-2.5
Chicago O'Hare	23	-22	5.1
Quincy	32	-22	9.5
Decatur	29	-15	9.3
Peoria	26	-17	7.4
Watseka	27	-21	2.7
Springfield	28	-9	10.9
Brownstown	32	-16	8.9
St. Louis	35	-6	15.1
Dixon Springs	29	-10	16.9

**SNOW DEPTH AS OF 7 A.M., JANUARY 23**

Location	Depth (inches)
Rockford	5
Chicago	3
Moline	3
Peoria	2
Quincy	2
Springfield	2
Decatur	1
St. Louis	Trace
Cape Girardeau	1

PRECIPITATION:  
First figure--Current week  
Parentheses--Dec.13-Jan.16  
M--Missing. T--Trace

