

ILLINOIS WEATHER & CROPS



ILLINOIS COOPERATIVE CROP REPORTING SERVICE

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RELEASED: NOVEMBER 15, 1982, 3 P.M., CST

VOL. 3, NO. 35

CROP HI-LITES

- *** Corn - 95% harvested
- *** Wheat - 99% seeded
90% emerged
- *** Soil Moisture - 4% short
75% adequate
21% surplus

Ninety-five percent of the CORN crop has been harvested as of Sunday, November 14, compared to 88% last year and the 5-year average (1977-81) of 91%.

Eighty-nine percent of the 1983 WINTER WHEAT crop in Illinois has been seeded as of November 14, compared to 93% last year and the average of 98%. Ninety percent of next year's wheat crop has emerged compared to 82% last year and a three-year average (1979-81) of 92%. The winter wheat crop as of Friday, November 12, was reported as 13% excellent, 71% good and 16% fair.

As of November 14, 53% of the intended ground for Corn and Soybeans has been TILLED (plowed or chiseled) for next year's crop. This compares with 44% last year and the average of 56%.

SORGHUM on November 14 was 95% harvested.

PASTURES on Friday, November 12, were reported as 6% excellent, 65% good, 21% fair and 8% poor. As of November 14, pastures were supplying 45% of the total livestock roughage requirements, compared with the average of 39%.

SOIL MOISTURE was reported as 4% short, 75% adequate and 21% surplus on November 12.

There were 4.75 DAYS SUITABLE FOR FIELDWORK for the ending November 12.

WEATHER

TEMPERATURES for the period of November 8 thru 14 averaged from normal to 5 degrees above normal throughout the State. Minimum readings fell below 20 degrees in many areas, and maximum readings were in the mid-60's in the North and 70's in the South.

PRECIPITATION was moderate to heavy in most sections, ranging from .50 of an inch to more than 2 inches. The southern portion of the State again received the least amount.

The OUTLOOK for the period of November 16 thru 23 is for temperatures to be near normal and precipitation to be above normal.

SOIL MOISTURE MEASUREMENTS

Soil moisture continued to increase during the period of November 2 to November 8 on a moderately well-drained Flanagan soil south of Bondville in Champaign County according to measurements taken by the Illinois State Water Survey. What little transpiration that is occurring is from the still-green turf at the measurement site. 0.77 inch of precipitation fell at the site during the period with about 0.02 inch occurring as snow and snow flurries on November 4. Soil temperatures have fallen too, but are holding steady at 47°F at the 4-inch and 8-inch level under sod while the 16-inch level is at 45°F.

Soil moisture from the surface to about 7 feet remained at 60% of Potential Plant Available Moisture (PPAM). From the surface to 4 inches the increase was from 54% of PPAM; from 4 to 12 inches the increase was from 40% to 46% of PPAM. From 12 to 20 inches below the surface the increase was from 25% to 29% of PPAM.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

Crop and Soil Characteristics	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
Corn: % harvested (as of November 14)	88	90	93	98	99	95	99	99	99	95	91
Days suitable for field-work: (week ending Nov. 12)	3.5	2.5	4.5	4.5	4.5	5.5	6.0	5.5	6.0	4.75	
Soil moisture %: (as of Nov. 12)											
Short	--	--	--	5	--	--	--	--	30	4	
Adequate	65	45	65	85	85	80	85	100	70	75	
Surplus	35	55	35	10	15	20	15	--	--	21	

Illinois Weather & Crops
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ILLINOIS WEATHER

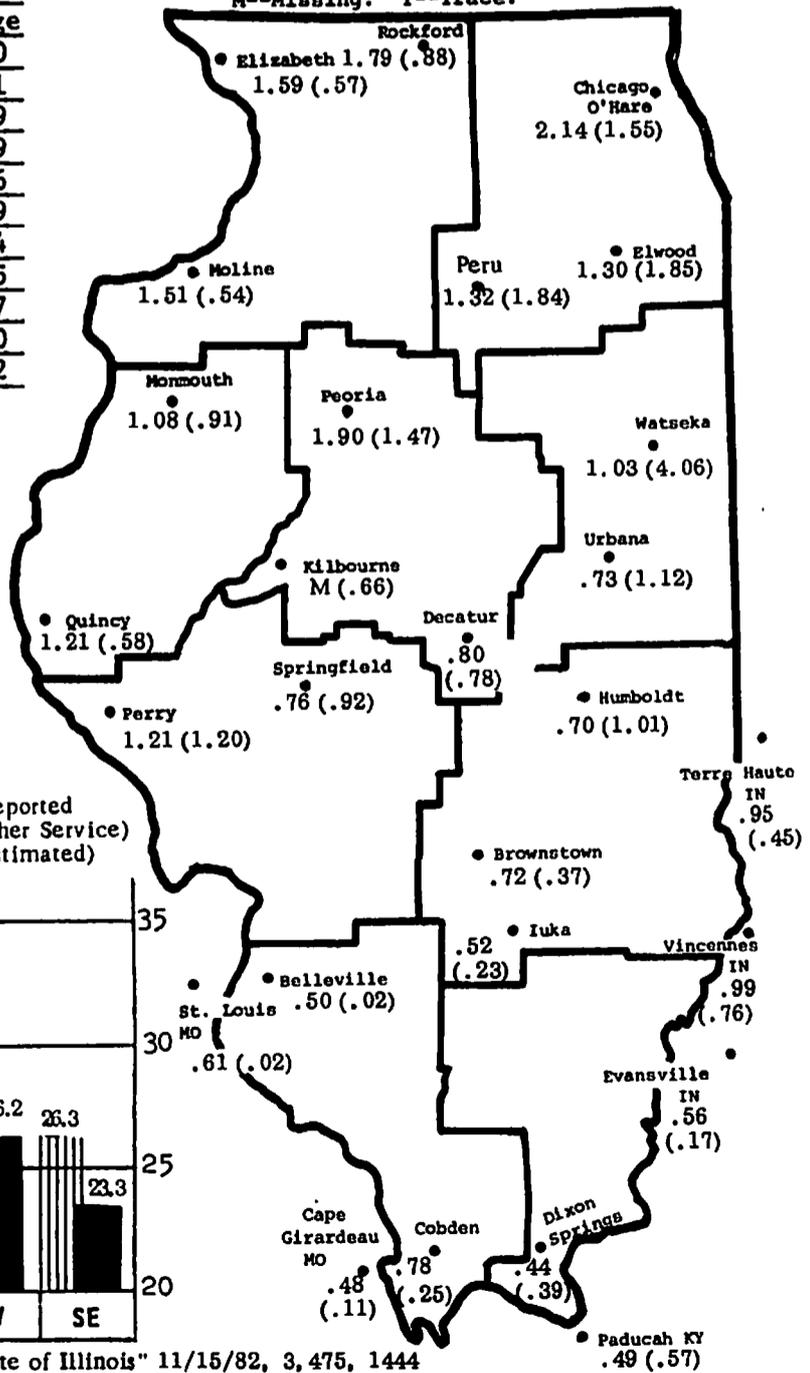
MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	August	September	Sept. 28- Oct. 4	Oct. 5- 11	Oct. 12- 18	Oct. 19- 25	Oct. 26- Nov. 1	Nov. 2- 8	Nov. 9- 15
Chicago	-2	-1	+6	+6	-4	-7	+7	-1	+2
Peoria	-2	-1	+7	+8	-3	-7	+8	-1	+3
Springfield	-2	-1	+7	+7	-4	-8	+6	-1	+5
St. Louis	-2	-2	+6	+8	-4	-8	+6	-1	+5

November 15

STATION	Temperature		
	Week ending Monday 6 A.M.		
	Maximum	Minimum	Average
Moline	65	15	41.0
Rockford	62	15	40.1
Chicago O'Hare	62	15	41.9
Quincy	70	17	46.9
Decatur	69	17	46.6
Peoria	70	16	44.9
Watseka	65	16	43.4
Springfield	73	17	48.5
Brownstown	71	17	46.7
St. Louis	79	18	52.0
Dixon Springs	74	19	51.2

PRECIPITATION:
First figure--Current week, Nov. 9-15
Parentheses--Previous week
M--Missing. T--Trace.



ACCUMULATED PRECIPITATION
(Inches)

LEGEND: Normal | Actual

April 1-Oct. 31

April 1-Nov. 15

April 1-Sept. 30 (reported
by National Weather Service)
Oct. 1-Nov. 15 (estimated)

