

ILLINOIS

WEATHER & CROPS



ILLINOIS COOPERATIVE CROP REPORTING SERVICE

Illinois Department of Agriculture
Economics & Statistics Service-USDA
Box 429 Springfield, Illinois 62705
Phone: (217) 492-4295

Released: April 13, 1981, 3 P.M., CST

DOC, NOAA, NATIONAL WEATHER SERVICE

VOL. 2, NO. 5

CROPS

CORN planting is about 1% complete, compared with 0% last year and the 5-year average of 1%. With weekend moisture and most field tillage complete, many farmers will be ready to start planting as soon as field conditions permit.

MAIN ACTIVITIES include caring for livestock, cleaning feedlots, and applying fertilizer and herbicides. Some corn and oats were planted.

WINTER WHEAT was reported as 16% excellent, 76% good, and 8% fair.

OATS seeding is about 94% complete, compared with 16% last year and the 5-year average (1976-80) of 42%.

ALFALFA was reported as 5% excellent, 77% good, and 18% fair.

PLOWING for 1981 CORN and SOYBEAN acreage is about 94% complete, compared with 78% last year and the 5-year average of 75%.

PASTURES were reported as 1% excellent, 54% good, 42% fair, and 3% poor. Pastures are supplying about 38% of the livestock roughage requirements, compared with 17% last year and a 5-year average of 29%.

SOIL MOISTURE was reported as 14% adequate and 86% short.

There were 5.50 DAYS SUITABLE for FIELDWORK during the week ending April 10.

WEATHER

TEMPERATURES for the period of April 6-12 averaged 7 to 12 degrees above normal as a warm period continued over the State for the third consecutive week. Maximum readings again climbed into the 80's in the southern half of the State. A cool period developed in the North at the end of the week with maximum temperatures reaching only in the 50's.

PRECIPITATION was heavy in more than half of the State with amounts of 1 to more than 2.70 inches being reported. The South remains dry as amounts generally ranged from .10 to .20 of an inch. (Some areas only reported trace amounts.) The rain mainly fell in the second half of the week.

The OUTLOOK for the period of April 14-20 is for temperatures to be below normal in the northern part of the State and above normal in the South. Precipitation should be near normal over Illinois.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
Days Suitable for fieldwork: (week ending Apr. 10)	4.5	6.0	5.0	5.5	5.0	6.0	5.0	6.0	6.0	5.5
Soil Moisture %:										
(as of Apr. 10) Short	65	65	100	85	100	100	75	80	100	86
Adequate	35	35	--	15	--	--	25	20	--	14
Surplus	--	--	--	--	--	--	--	--	--	--

Illinois Weather & Crops
April 13, 1981

ILLINOIS WEATHER

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	Dec.	Jan.	Feb.	March 30-April 5	April 6-12
Chicago	+1	-1	+2	+11	+7
Moline	0	+1	+2	+10	+8
Springfield	+1	-1	+2	+15	+12
So. Central	+2	-3	+2	+11	+10

PRECIPITATION:

First figure--current week, 4/3-9
Parentheses--previous week
Asterisk--Friday-Sunday
M--Missing. T--Trace.

STATION	April 10			April 13			Totals : Totals
	Temperatures			Growing Degree Days*			
	Week ending Fri. 6 A.M.	Week ending Mon. 6 A.M.		Week ending Fri. 6 A.M.	Week ending Mon. 6 A.M.		
	Maxi- mum	Mini- mum	Aver- age	Current week	3-yr. avg.	1980	1981
Dubuque, IA	--	--	--	59	37	28	123
Moline	76	21	54	73	58	41	138
Rockford	74	21	52	52	43	35	109
Chl. O'Hare	75	22	54	59	48	39	129
Quincy	75	33	56	93	79	48	158
Decatur	76	28	55	81	70	42	148
Peoria	75	27	55	78	62	39	146
Springfield	83	31	59	103	83	56	182
St. Louis	74	60	67	121	139	99	200
St. Louis	--	--	--	118	114	80	208

*Totals are accumulated from April 1.

Growing degree days(GDD's) are calculated by subtracting a 50-degree (F) base temperature from the average of the maximum and minimum temperatures for the day. The daily maximum temperature is limited to 86 degrees (F) and daily minimum to 50 degrees (F). Thus, if the mean temperature for the day is 75 degrees, then 25 GDD's will have been accumulated.

