

# ILLINOIS WEATHER & CROPS



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COOPERATIVE CROP  
REPORTING SERVICE  
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## ILLINOIS STATE WATER SURVEY



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### CROPS

Warm and dry conditions allowed fields to dry last week over northern areas while rain the previous weekend kept fields in southern areas too wet for farmers to work. Overall, 3.5 days were rated as suitable for fieldwork. These conditions allowed farmers in northern and western areas to make excellent progress, particularly after midweek.

CORN planting as of Sunday, April 21 was 4% complete, compared to none planted on this date in 1984 and the 5-year average (1980-84) of 1%. Most of the acreage that has been planted is in the west central areas of the State.

WINTER WHEAT condition, on Friday, April 19, was reported as 10% excellent, 70% good, 18% fair, and poor.

SOYBEAN SEEDING as of Sunday, April 21 was 80% complete, compared to 26% last year and the 5 year average (1980-84) of 47%.

TILLAGE for intended 1985 corn, sorghum, and soybean acreage was 70% complete by April 21 compared to 72% last year and the 5-year average (1980-84) of 80%.

ALFALFA condition as of April 19 was reported as 10% excellent, 81% good, 8% fair, and 1% poor.

PASTURE condition was reported as 8% excellent, 72% good, 19% fair, and 1% poor. Pastures were supplying about 45% of livestock roughage requirements, compared to 25% last year and the 5-year average of 35%.

SOIL MOISTURE on April 19 was reported as 4% short, 67% adequate, and 29% surplus.

Winter FREEZE DAMAGE to the 1985 PEACH crop was rated as, 12% light damage, 10% moderate and 78% severe. Most of this damage occurred during the severe cold weather of January.

Damage to the 1985 APPLE crop was rated as 27% no damage, 57% light and 16% moderate.

### WEATHER

The week of April 15 to 21 was characterized by much above normal TEMPERATURES and very little rainfall. The temperatures during this period were more characteristic of mid-May, rather than mid-April. The mean temperatures for Illinois ranged from the mid 60's North to around 70 South, and were 10 to 15 degrees above normal in the northern half of Illinois, to 7 to 10 degrees above normal in Southern Illinois.

PRECIPITATION for the week consisted of a few scattered light showers on April 19 to 21 over parts of Central Illinois. No other precipitation was recorded during this week. Generally, precipitation amounts are down 1.0 to 1.2 inches during this week. Overall, the whole period had unusually warm temperatures, little or no precipitation, and sunny skies.

The OUTLOOK for the week of April 22-28 calls for a chance of showers and thunderstorms through Thursday with cooler temperatures. Temperatures by Wednesday are expected to be in the low 40's North to lower 60's South, and only in the 30's North and 40's South by Friday.

### ILLINOIS CROP REPORTING DISTRICT SUMMARY

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
Week ending April 19											
Days Suitable for fieldwork:	6.5	5.5	6.5	4.0	3.0	2.0	2.0	1.5	0.5	3.5	
Soil Moisture %											
Short	15	0	5	0	0	0	0	10	0	4	
Adequate	85	90	90	95	100	50	30	15	20	67	
Surplus	0	10	5	5	0	50	70	75	80	29	

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

Additional WEATHER INFORMATION is provided by Midwest Agr. Weather Serv. Ctr. (W. Lafayette, Ind.) and National Weather Service Cooperative Observers.

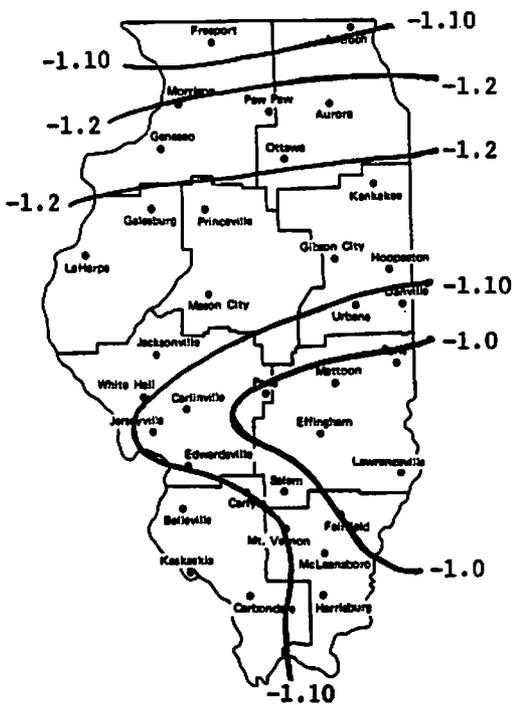
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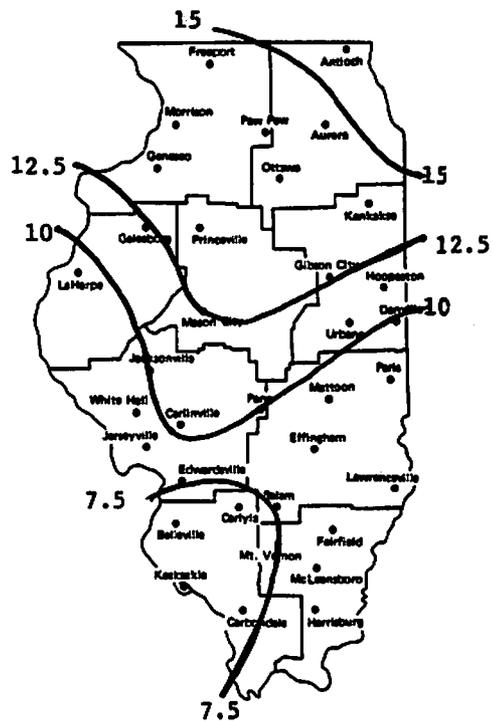
Week ending Sunday, April 21, 1985

Location	Temperatures			Departure	Precipitation		Soil Moisture, % Plant Available Moisture 1/	
	Maxi- mum	Mini- mum	Current week		Since :May 1, '84:	Departure :since May 1:	0-6"	0-20"
Freeport	86	37	11	0	33.67	0.41	37	68
Paw Paw	85	35	9	0	33.84	0.38	75	94
Antioch	2/	2/	2/	0	38.89	4.85		
Galesburg	85	37	14	0	33.47	-2.63	43	72
Walnut	89	42	14	0	33.24	-0.22	88	93
Mason City	85	38	11	0	34.09	1.48	79	90
Princeville	87	37	12	0.03	37.68	3.91	89	92
Kankakee	86	37	6	0	33.12	-1.75		
Jacksonville	2/	2/	2/	0	41.13	8.52	46	78
Pana	81	40	8	0.19	38.23	0.32	81	89
Urbana	83	39	10	0	39.49	3.38	91	99
Carlinville	86	42	11	0	44.22	11.31	87	88
Effingham	83	41	8	0	42.63	4.50	82	88
Lawrenceville	85	45	6	0.20	47.46	5.04	63	84
Belleville	84	44	6	0	45.58	12.49	96	96
Carlyle	85	45	7	0	40.88	1.10	96	96
McLeansboro	84	53	8	0	43.40	1.07	85	95
Kaskaskia	89	47	7	0	47.89	5.00	92	93
Dixon Springs	83	48	6	0	54.52	12.19	93	115

1/ Soil moisture measurement is based on reading from closest station. Readings taken approximately April 15. 2/ Missing data.



PRECIPITATION DEVIATIONS  
FROM NORMAL FOR  
WEEK ENDING APRIL 21



TEMPERATURE DEVIATIONS  
FROM NORMAL FOR  
WEEK ENDING APRIL 21