

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

Excessive wet conditions delayed fieldwork last week in most areas of the state. As amounts of standing water continue to increase, so do the farmers concerns with water damage to winter wheat and applying nitrates. Little farm activity was reported as most farmers continue to wait for drier conditions. Small acreages of corn were planted at the beginning of last week in several areas of central Illinois but less than one percent of the state-wide acreage had been planted by April 18. Reports of above normal calving problems due to weather conditions were received from throughout the state. For the week of April 10 - 16, there was an average of three-quarters of a day suitable for fieldwork.

WINTER WHEAT condition, as of April 16, was reported as eight percent excellent, 76 percent good, and 16 percent fair.

OAT seeding as of April 18, was seven percent complete compared to 78 percent last year and the five-year average of 68 percent.

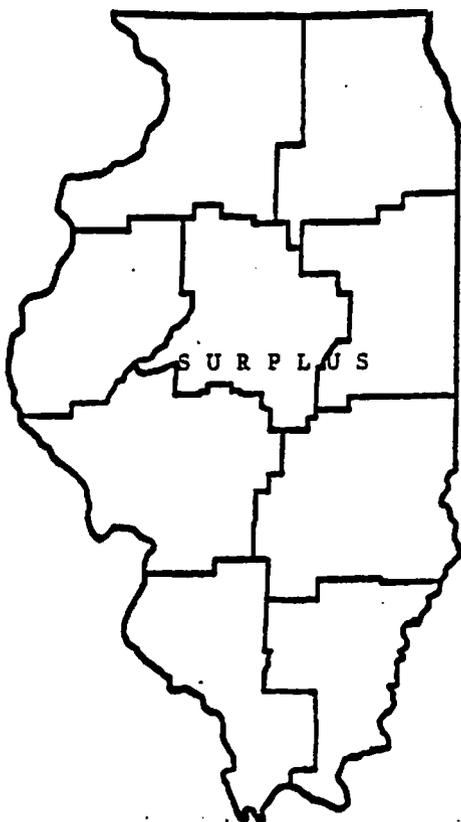
Freeze damage to the 1993 APPLE crop was reported as 82 percent no damage, 14 percent light damage, and four percent moderate damage.

The PEACH crop damage was reported as 74 percent no damage, 20 percent light damage, and six percent moderate damage.

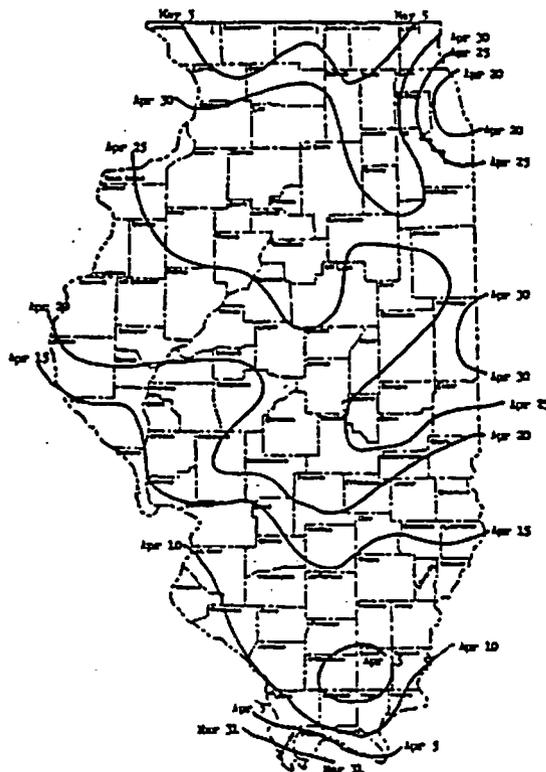
ALFALFA condition was reported as one percent excellent, 76 percent good, and 23 percent fair as of April 16.

PASTURE condition was rated 86 percent of normal.

SOIL MOISTURE supplies were three percent adequate and 97 percent surplus.



Soil Moisture Supply
April 16, 1993



Average Date of Last Spring Freeze
(32°F or below)

ILLINOIS DISTRICT SUMMARY

District	Days Suitable For Fieldwork	Soil Moisture Percent		
		Short	Adequate	Surplus
	April 10 - April 16	As of April 16		
Northwest	0.5	0	10	90
Northeast	0.5	0	0	100
West	0.5	0	10	90
Central	1.5	0	0	100
East	1.0	0	0	100
W Southwest	1.5	0	5	95
E Southeast	0.5	0	0	100
Southwest	0.0	0	0	100
Southeast	0.5	0	0	100
State	0.75	0	3	97

PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
March	1.86	2.20	1.76	2.20	2.64	2.56	2.71	2.69	2.70	2.37
Departure	-0.74	-0.48	-1.31	-0.87	-0.35	-0.82	-1.03	-2.63	-2.03	-1.14

MARCH WEATHER SUMMARY

A cool trend continued in March in Illinois. Precipitation was below normal.

The monthly temperature averaged 1.9 degrees below normal. Below normal readings were common most of the month with brief warm periods.

Dubuque (near the northwest district) recorded the lowest temperature, three degrees on the 14th.

The average precipitation for the state was 1.14 inches below normal. The southern part of the state recorded the largest departures from normal. The southeast district recorded the greatest below normal precipitation amount, 2.63 inches below normal.

Snow fell on the northern half of the state during the month. On the 21st, ten inches fell on the extreme northwest section.

WEATHER

Unseasonably cold, damp weather returned to Illinois during the week keeping growers out of the fields and dampening prospects for much fieldwork over the next week or two. Precipitation fell mainly as rain although far northern areas encountered a few inches of wet snow around the 16th.

Temperatures averaged 3 to 6 degrees below normal with mean readings between the low 40's and low to mid 50's. Average maximums ranged from near 50 north to the low 60's south with mean minimums between the mid 30's and mid 40's. Extreme readings in the mid 60's to near 70 were just slightly above what should be normal for a daytime maximum last week. Coldest temperatures occurred on the morning of the 17th when a few 20's were noted far north with more common low to mid 30's elsewhere.

Precipitation was excessive during the period with noted amounts averaging between 1.5 and 2 inches. West-central and southwestern areas reported more than 2 inches of rain as a result of some heavy downpours with another band of more than 2 inches from St. Louis to Lawrenceville. Lightest amounts of just slightly more than 1 inch were noted over far southern Illinois.

Week ending 8 a.m. Monday, April 19, 1993

Location	Temperatures			Precipitation Current Week	Growing Degree Days
	: Maxi- : mum	: Mini- : mum	: Depar- : ture		
Elizabeth	50	33	-6	1.96	18
Rockford	50	37	-5	2.07	16
Chicago	51	38	-5	1.86	12
Chi Botanical	48	37	-3	1.91	11
Watseka	58	39	-1	1.46	33
Peru	54	37	-5	1.68	20
Moline	54	40	-4	2.32	25
Peoria	55	43	-2	2.73	32
Kilbourne	57	41	-4	2.00	30
Monmouth	52	37	-8	2.40	17
Quincy	53	42	-6	2.28	21
Perry	54	36	-9	2.59	22
Springfield	56	43	-4	2.24	32
Urbana	59	42	-2	2.30	36
Windsor	60	40	-4	1.05	38
Terre Haute	60	41	-2	1.17	40
St. Louis	60	46	N/A	3.67	47
Belleville	59	42	-6	1.56	37
Brownstown	58	41	-4	2.42	36
Iuka	61	42	-4	2.22	44
Lawrenceville	61	41	-4	2.57	43
Vincennes	60	41	-3	2.94	40
Dixon Springs	64	44	-3	1.49	55
Paducah	67	48	-1	1.27	75
Olive Branch	61	42	-6	1.63	45
Carbondale	62	42	-4	1.41	48
C Girardeau	64	49	N/A	1.24	67

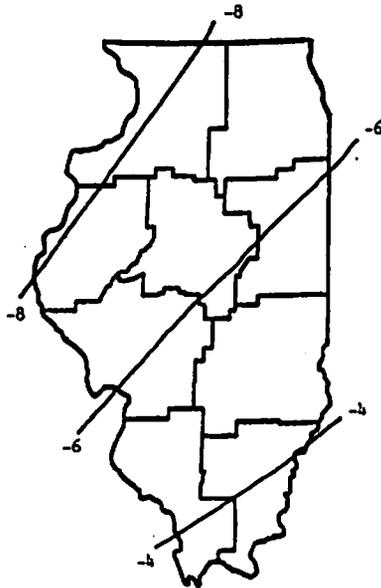
N/A - Not available.

NEWSPAPER TIME VALUE

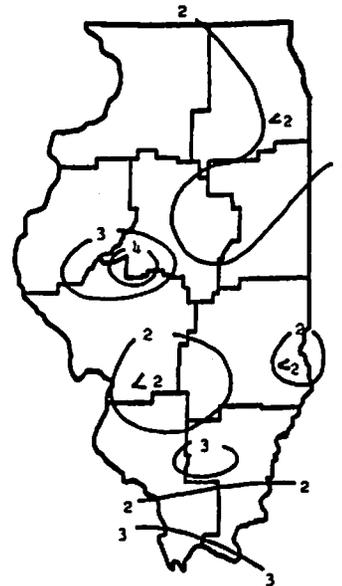
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Champaign, Illinois 61820



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) APRIL 13-19, 1993



PRECIPITATION (INCHES)
APRIL 13-19, 1993

CROP PROGRESS INFORMATION in this report is provided voluntarily by local area officials of Agricultural Stabilization and Conservation Service, Extension Service, Soil Conservation Service, Farm Business Farm Management field staff, and agribusiness managers.

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