

ILLINOIS WEATHER & CROPS



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U.S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE

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CROPS

Cold weather early last week caused concern for the corn and soybean crops. The damage statewide is unknown at this time and will become evident only as the crops develop. There is still a lack of soil moisture in the northern three-fourths of the state. Some reports were received of yellow corn fields and others of soybean fields suffering from lack of photosynthesis and growth. The southern part of the state reported heavy scattered rainfall which delayed field work. Alfalfa was reported in good condition in the northern part of the state, but fair to poor in the south. Last week farmers were planting soybeans, cutting and baling hay, rotary hoeing, spraying weeds, mowing, scouting crops, and caring for livestock. For the week of May 23-29, there was an average of six days suitable for fieldwork.

Condition of the CORN crop on May 29 was reported as 1% excellent, 30% good, 59% fair, and 10% poor. Condition of the SOYBEAN crop on May 29 was reported as 36% good, 56% fair, and 8% poor. Emerged soybeans was reported as 73% of a full stand compared to 86% a year ago. WHEAT as of May 29, was rated as 35% good, 43% fair, and 12% poor. Condition of the OAT crop was 5% excellent, 52% good, 41% fair, and 2% poor. ALFALFA condition was 2% excellent, 52% good, 38% fair, 7% poor, and 1% very poor. RED CLOVER condition was 1% excellent, 50% good, 38% fair, and 11% poor. PASTURE condition was rated at 82% of normal. SOIL MOISTURE supplies were reported as 72% short, 24% adequate, and 4% surplus as of May 29.

CROP PROGRESS - MAY 31

Crop Stage	1992	1991	5-Year Average

Percent

CORN:

Height (Inches)

Average	7	11	9
Most Advanced	11	21	15

SOYBEANS:

Planted	90	81	77
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WINTER WHEAT:

Headed	95	91	95
Filled	45	62	59
Turning Yellow	3	19	15

OATS:

Headed	12	38	26
Filled	4	16	7

SORGHUM:

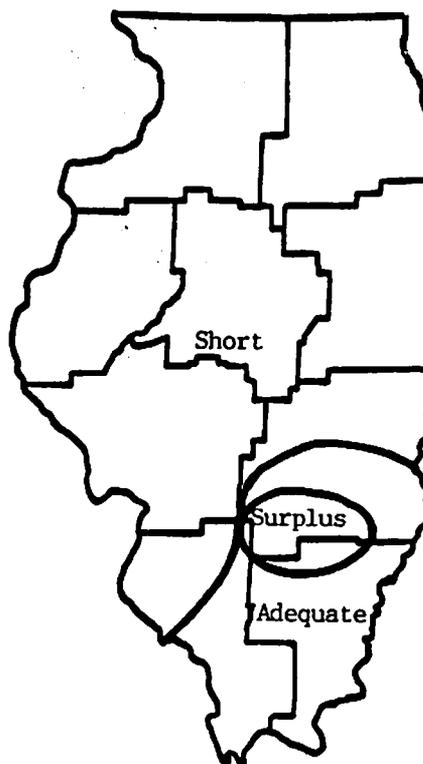
Planted	72	59	57
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ALFALFA HAY:

First Cutting	60	46	49
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RED CLOVER:

Cutting	35	33	37
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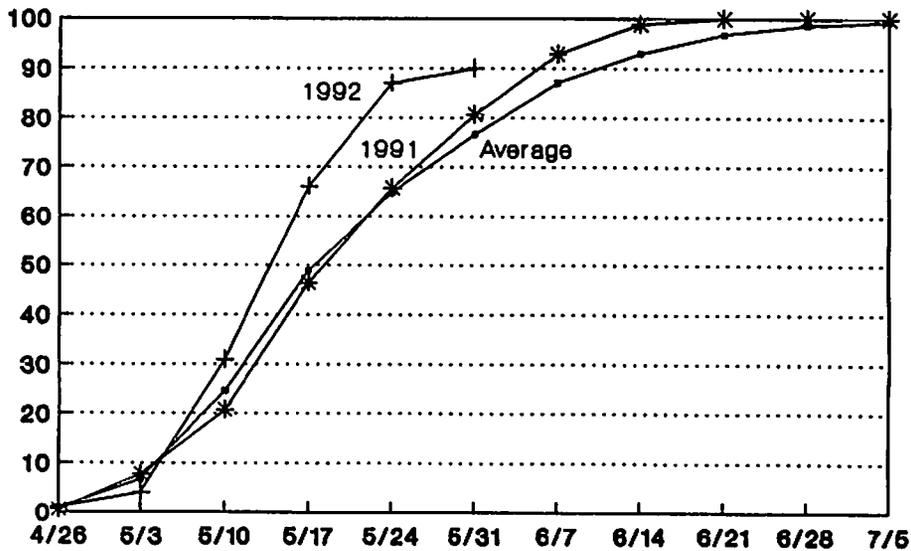


Soil Moisture Supply
May 29, 1992

ILLINOIS DISTRICT SUMMARY

District	Soybean Acreage % Planted	Days Suitable For Fieldwork	Soil Moisture Percent		
			Short	Adequate	Surplus
	As of May 31	As of May 23-29			
Northwest	96	6.0	85	15	0
Northeast	94	6.5	100	0	0
West	96	6.0	90	10	0
Central	97	6.5	100	0	0
East	97	6.5	100	0	0
W Southwest	95	6.0	70	30	0
E Southeast	85	6.0	30	60	10
Southwest	85	5.0	40	50	10
Southeast	65	2.5	20	65	15
State	90	6.0	72	24	4
	77				

Soybeans - Percent Planted Illinois



WEATHER

The week began with record breaking cold, ending with mercuries back to near normal levels. Meanwhile little to no precipitation in northern and western Illinois, with some scattered moderate accumulations present towards the south and east.

Cold high pressure centered over northern Illinois sent mercuries towards freezing, with mid 30's common in central sections while southern Illinois held into the 40's. The 32 degree reading noted at Chicago on the morning of the 26th set a new record for the latest freeze, with the previous record established back in 1895. Weekly temperatures averaged some 9 to 12 degrees below normal, with mean highs in the 60's to near 70's, while average lows reached between 39 and 49. Weekly mean temperatures only ranged from 51 to 58 degrees.

Little to no moisture dampened fields in northern and western locales, with an isolated 0.2 to 0.5 total over the east. East-central areas reported the greatest precipitation with totals approaching 1 inch near Lawrenceville.

Precipitation deficits relative to normal since May 1st have eclipsed the 3 inch mark across northern and central Illinois, with pockets of similar deficits noted over the south.

Week ending 8 A.M. Monday, June 1, 1992

Location	Temperatures			Precipitation			Growing Degree Days(50F)		
	:Maxi- :mum	:Mini- :mum	:Depar- :ture	:Curr- :week	:Since :May 1:	:Departure :since May 1:	:Curr- :week	:Since :May 1:	:Departure :since May 1
ELIZABETH	68	37	-11	0.00	0.74	-3.56	68	388	24
ROCKFORD	68	42	-8	0.00	0.48	-3.57	70	431	89
CHICAGO	64	40	-10	0.00	0.30	-3.14	54	389	55
CHI BOTANICAL	61	40	-14	0.01	0.60	-2.93	45	349	-9
ELWOOD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WATSEKA	65	42	-12	0.70	0.72	-3.61	58	428	34
PERU	67	39	-12	0.03	0.29	-3.82	65	436	25
MOLINE	71	42	-9	0.00	0.31	-4.08	79	469	82
PEORIA	68	45	-9	0.00	0.82	-3.20	72	455	61
KILBOURNE	67	44	-11	0.00	0.39	-4.05	68	450	2
MONMOUTH	67	45	-10	0.01	0.30	-3.69	70	451	32
QUINCY	66	45	-11	0.16	0.45	-4.05	66	442	13
PERRY	67	43	-12	0.02	0.26	-3.99	66	447	-15
SPRINGFIELD	69	46	-9	0.04	0.54	-3.04	79	485	37
URBANA	66	48	-9	0.10	2.24	-1.55	69	465	45
WINDSOR	66	44	-12	0.20	1.57	-2.61	61	477	21
TERRE HAUTE	64	43	-13	0.37	2.15	-1.99	55	437	11
ST LOUIS	69	52	N/A	0.04	1.45	N/A	83	540	N/A
BELLEVILLE	68	45	-11	0.03	0.76	-3.28	70	511	17
BROWNSTOWN	69	46	-10	0.05	1.93	-2.60	78	476	8
IUKA	66	48	-11	0.15	3.01	-1.05	65	461	-31
LAWRENCEVILLE	65	47	N/A	1.02	3.39	N/A	59	451	N/A
VINCENNES	64	48	-12	1.28	5.09	0.72	58	446	-18
DIXON SPRINGS	68	48	-12	0.38	1.16	-3.60	73	518	-44
PADUCAH	70	52	-9	0.80	2.08	-2.62	86	568	8
OLIVE BRANCH	66	48	-12	0.23	1.44	-3.48	63	535	5
CARBONDALE	67	49	-11	0.10	2.97	-1.47	68	484	-35
C GIRARDEAU	68	54	N/A	0.17	2.31	N/A	84	552	N/A

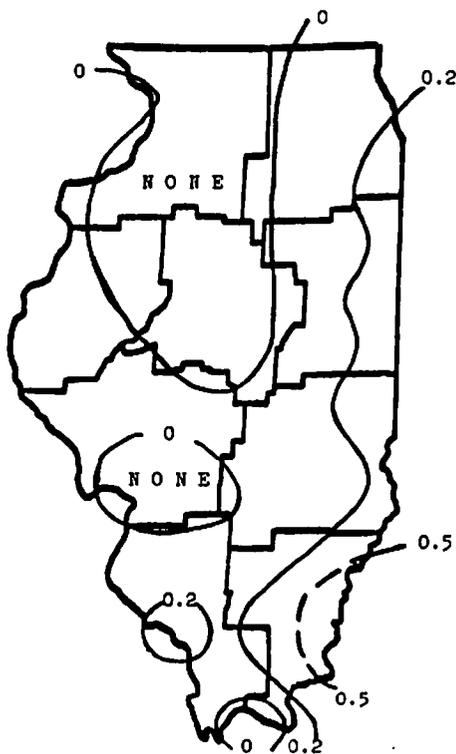
Information above provided by Midwest Agricultural Weather Service Center
Purdue University, West LaFayette, Indiana 47907

NEWSPAPER TIME VALUE

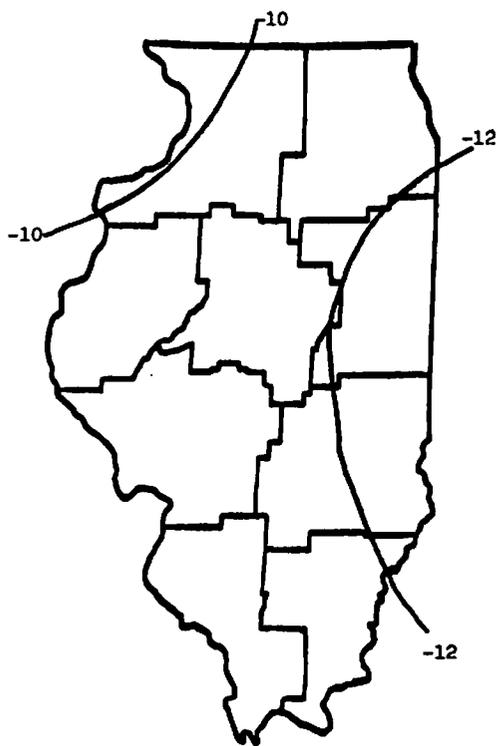
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Champaign, Illinois 61820



PRECIPITATION (INCHES)
MAY 26-JUNE 1, 1992



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) MAY 26-JUNE 1, 1992

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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