

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

P.O. Box 19283, Springfield, IL 62794-9283
Phone: (217)492-4295

U.S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE

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CROPS

Temperatures reaching into the 90's last week stressed the states crops and livestock. Isolated thunderstorms early in the week relieved the moisture stress in some locations but a few storms included damaging hail. Crops which received rainfall grew rapidly under last weeks heat but most crops and livestock growth was stressed by the extreme heat. Spraying for cutworms and armyworms continued but at a decreased pace. Scouting for corn borer moths found moths in high numbers. Hay regrowth has been slowed by the heat and dry conditions. Farmers were busy last week with cultivating and spraying to control weeds, sidedressing anhydrous, mowing roadsides, hauling grain and baling hay. Preparations are underway for wheat harvest with a few isolated reports of harvest beginning in the extreme south. Pasture condition on June 17 was rated at 86 percent of normal. Fifty eight percent of the state was rated short of soil moisture.

CROP PROGRESS - June 19, 1994

Crop Stage : 1994 : 1993 : 5-Year
: : : Average

Percent

CORN:

Height (inches)

Average	22	11	21
Most Advanced	36	21	33

SOYBEANS:

Planted	98	88	93
Blooming	1	<u>1</u> /	3

SORGHUM:

Planted	94	71	80
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WHEAT:

Filled	99	92	97
Turning Yellow	76	67	83
Ripe	9	3	31
Harvested	<u>1</u> /	<u>1</u> /	8

OATS:

Headed	88	41	70
Filled	51	16	36
Turning Yellow	5	3	9
Ripe	<u>1</u> /	<u>1</u> /	2

ALFALFA HAY:

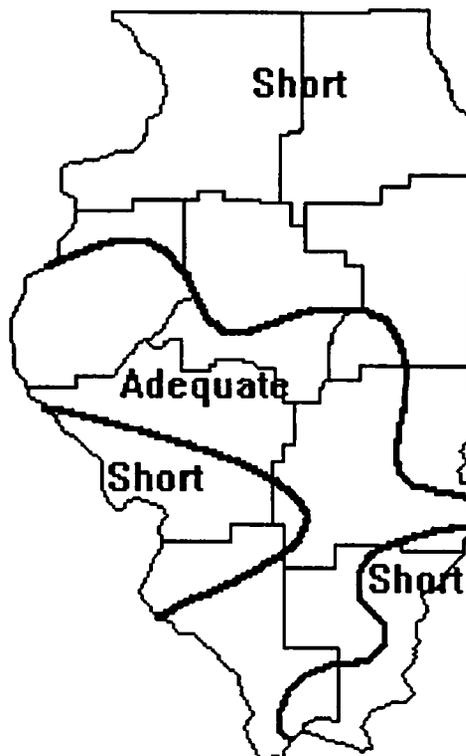
First Cutting	99	82	90
Second Crop	12	5	8

RED CLOVER:

Cutting	92	72	72
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1/ Less than one percent

The crops portion (pages 1 and 2) of Illinois Weather & Crops is available by facsimile. Phone 217-492-4295 for further information.



**Soil Moisture Supply
June 17, 1994**

CROP CONDITIONS JUNE 17, 1994

Crop	Excellent	Good	Fair	Poor	Very Poor
	5	73	22	-	-
Corn	4	67	29	-	-
Soybeans	-	70	30	-	-
Sorghum	1	59	33	5	2
Wheat	-	64	34	2	-
Oats	6	63	31	-	-
Alfalfa Hay					

ILLINOIS DISTRICT SUMMARY

District	Days Suitable For Fieldwork	Soil Moisture Percent		
		Short	Adequate	Surplus
	June 11 - 17	As of June 17		
Northwest	6.0	75	25	0
Northeast	6.5	100	0	0
West	6.5	30	70	0
Central	6.0	55	40	5
East	6.5	95	5	0
W Southwest	6.0	45	50	5
E Southeast	5.5	35	60	5
Southwest	7.0	50	45	5
Southeast	6.5	45	55	0
State	6.25	58	40	2

PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
May	1.98	1.43	2.92	2.76	2.93	2.62	2.79	2.04	2.09	2.40
Departure	-1.88	-2.20	-1.15	-1.22	-1.07	-1.63	-1.42	-2.32	-2.79	-1.74

MAY WEATHER SUMMARY

Temperatures and precipitation were below normal in Illinois during May. The average temperature departure for the state was 2.0 degrees below normal.

Below normal readings were recorded during the first part of the month with only brief warm periods during the latter half. The southeast district recorded the largest below normal variation (3.1 degrees below normal).

Chicago (in the northeast district) recorded the highest temperature, 90 degrees on the 30th. The minimum temperatures were in the 30's during the first part of May.

The average precipitation for the state was 1.74 inches below normal.

The southeast district recorded the greatest below normal precipitation departure (more than two inches below normal).

Chicago recorded this May to be the second driest on record. Springfield received more than two inches during a 24 hour period on the 24th.

WEATHER

High pressure held to the southeast of the state during the week keeping hot and humid conditions across Illinois. A few thunderstorms erupted in the sultry atmosphere but except for the far north, most stations reported little to no precipitation.

Exceedingly hot temperatures resulted in high heat stress. Daytime temperatures routinely reached into the 90's with some near 100 degree readings noted in east-central Illinois. Average highs ranged from the low to mid 90's with mean lows from the mid to upper 60's to low 70's. For the week, mean readings of 78 to 83 were some 8 degrees above normal south and 10 to 13 degrees greater than usual north.

Precipitation proved lacking through all but the far northern and southern reaches of the state. Most locations noted no precipitation for the week with only spotty totals of mainly 1/10 inch or less through all but the far north and south. In the south amounts of 4/10 to as much as 1 and 1/3 inches were noted. In the north totals of an inch or two occurred with isolated heavier 3 to 6 inch amounts in the northwest corner of the state.

Week ending 8 A.M. Monday, June 20, 1994

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	91	64	9	6.33	9.68	3.42	180	747	101
Rockford	94	70	13	3.36	5.70	-0.96	201	838	157
Chicago	92	71	12	1.44	2.86	-2.99	201	769	105
Chi Botanical	93	67	13	2.36	3.89	-1.82	187	702	152
Watseka	95	70	12	0.64	3.10	-3.68	200	823	101
Peru	92	69	9	1.41	3.74	-3.05	195	825	77
Moline	94	71	11	0.78	5.14	-1.95	205	868	97
Peoria	95	72	12	0.00	2.56	-3.77	206	876	89
Monmouth	94	70	10	0.01	3.14	-3.29	201	832	26
Quincy	91	73	9	0.00	6.14	-0.97	211	858	35
Perry	93	68	8	0.00	3.96	-2.76	194	810	-12
Springfield	94	74	11	0.00	8.40	2.50	213	909	53
Urbana	94	72	11	0.28	3.96	-2.70	205	854	40
Windsor	94	71	9	0.00	3.53	-2.91	204	850	-20
Terre Haute	96	74	13	0.00	4.44	-2.34	214	919	96
St. Louis	95	77	N/A	0.20	3.35	N/A	223	1031	N/A
Belleville	92	72	8	0.00	4.02	-2.48	208	978	61
Brownstown	94	70	9	0.00	3.12	-3.72	201	873	28
Iuka	93	69	8	0.02	3.11	-4.08	198	878	-21
Lawrenceville	94	70	8	0.00	5.81	-1.07	199	855	-42
Vincennes	94	68	8	0.00	5.07	-2.36	193	828	-23
Dixon Springs	93	71	9	0.07	2.62	-5.43	205	971	47
Paducah	93	72	7	0.05	2.25	-5.40	208	1039	41
Olive Branch	91	68	4	1.30	3.34	-4.42	192	1007	34
Carbondale	93	71	8	0.44	3.99	-3.33	203	914	-9
C Girardeau	94	73	N/A	0.43	2.78	N/A	211	1038	N/A

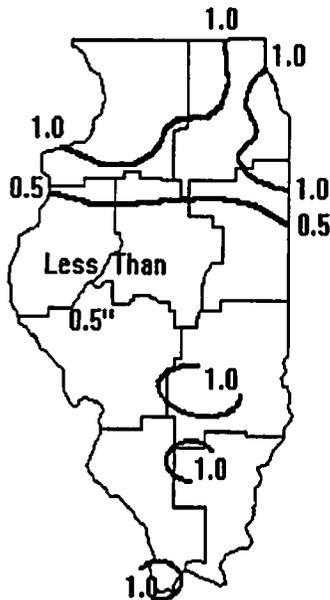
N/A - Not available.

NEWSPAPER TIME VALUE

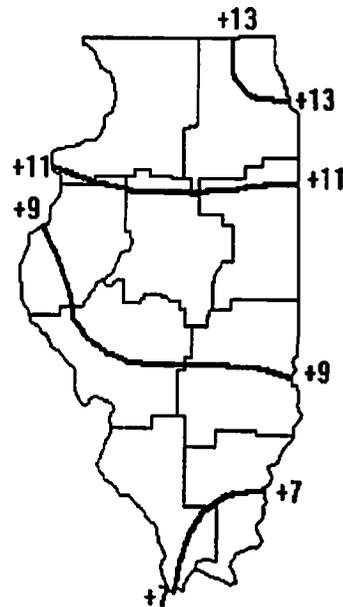
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Weather maps provided by Illinois State Water Survey
Champaign, Illinois 61820



Precipitation (Inches)
June 14-20, 1994



Temperature Departure
June 14-20, 1994

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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