

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

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U.S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE

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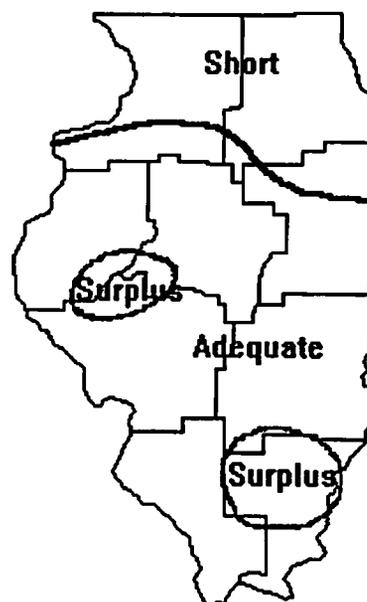
CROPS

Fieldwork picked up steam in southern Illinois last week with the wettest areas in the southeast finally getting into their fields by weeks end. During this same time period northern Illinois farmers were nearing completion of planting and hoping for rain to replenish dry top soils for improved crop emergence and herbicide activation. Days suitable for fieldwork averaged five and one-half statewide and ranged from six and one-half in the northwest to three and one-half in the southeast. Farmers were busy planting corn and soybeans, cutting and baling hay, hoeing corn and spraying pesticides. Scouting fields for weeds and insects were common last week as scattered reports of spraying to control cutworms were received. Some producers in the north were also spraying post emergence herbicides on their corn fields to control weeds in areas where inadequate soil moisture was present for activation of pre-emergence application. Last week's warmer weather has helped to improve crop conditions but warmer nights are still needed to get the crops growing rapidly. Corn stands are being evaluated and limited amounts of replanting has been done with more possible as weather permits.

CROP PROGRESS - May 22, 1994

Crop Stage	: 1994	: 1993	: 5-Year
			Average
	Percent		
CORN:			
Planted	87	68	85
Height (inches)			
Average	2	1	3
Most Advanced	5	3	6
SOYBEANS:			
Planted	50	29	50
SORGHUM:			
Planted	17	7	28
WHEAT:			
Headed	53	49	68
Filled	7	3	18
OATS:			
Headed	6	<u>1</u> /	6
ALFALFA HAY:			
First Cutting	23	10	17
RED CLOVER:			
Cutting	14	3	9

1/ Less than one percent



Soil Moisture Supply
May 20, 1994

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

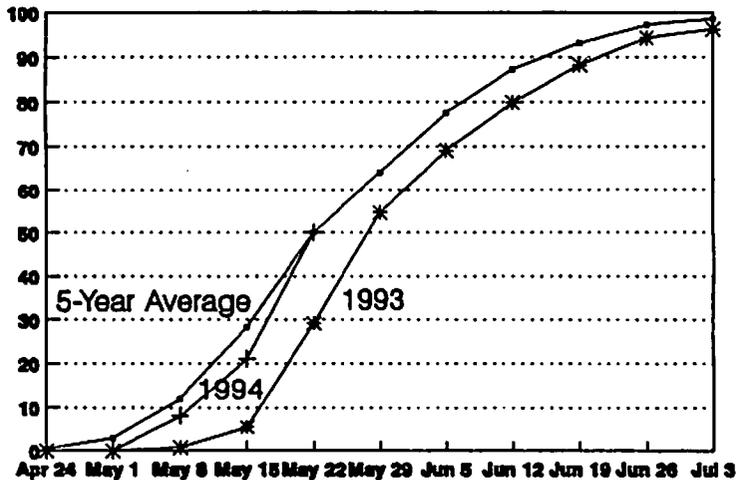
CROP CONDITIONS MAY 20, 1994

Crop	Excellent	Good	Fair	Poor	Very Poor
	Percent				
Wheat	1	56	39	3	1
Oats	3	76	21	-	-
Alfalfa Hay	9	76	15	-	-
Red Clover	9	80	11	-	-

ILLINOIS DISTRICT SUMMARY

District	: Corn Acreage : Soybean Acreage :		Days	Soil Moisture		
	: % Planted	: % Planted	: Suitable	Percent		
			: For	Short:	Adq.:	Surplus
			: Fieldwork			
	As of May 22		May 14 - 20	As of May 20		
Northwest	98	85	6.5	55	45	0
Northeast	98	80	6.5	70	30	0
West	80	50	5.5	5	60	35
Central	96	75	5.5	5	80	15
East	97	70	6.0	20	80	0
W Southwest	90	40	5.5	5	75	20
E Southeast	65	20	5.0	0	80	20
Southwest	60	15	5.5	0	80	20
Southeast	40	10	3.5	0	50	50
State	87	50	5.5	19	64	17

**Soybeans - Percent Planted
Illinois**



WEATHER

An upper air feature known as an 'omega block' dominated the areas weather during the week. This feature is simply a sharp ridge of high pressure in the atmosphere which tends to persist for some time. Illinois was situated to the east of this high pressure center resulting in a mean northeasterly flow which held temperatures at somewhat below normal levels. Mercuries did rise as the week progressed reaching above normal levels late in the period.

Mean temperatures from the upper 50's to mid 60's were within a degree or two of normal in the north, and 2 to 4 degrees below normal south. Average highs varied from near 70 in the northeast to 80 in the south with mean lows from near 40 far northwest to the low 50's south.

Other than a minor 0.04 inches at Chicago Botanical Gardens no precipitation was reported across Illinois during the week.

Week ending 8 A.M. Monday, May 23, 1994

Location	Temperatures			Precipitation			Growing Degree Days (50F)		
	: Maxi- : mum	: Mini- : mum	: Deapar- : ture	: Curr- : week	: Since: : May 1:	: Departure : since : May 1:	: Curr- : week	: Since : May 1:	: Departure : since : May 1:
Elizabeth	78	39	-1	0.00	0.24	-1.39	102	235	26
Rockford	79	47	2	0.00	0.25	-1.44	109	262	38
Chicago	72	46	-1	0.00	0.07	-1.45	87	212	-4
Chi Botanical	69	46	0	0.04	0.10	-1.41	73	196	23
Watseka	76	46	0	0.00	0.26	-1.59	103	241	9
Peru	78	45	-1	0.00	0.18	-1.78	105	257	14
Moline	81	47	1	0.00	0.54	-1.42	115	277	26
Peoria	79	49	1	0.00	0.29	-1.41	115	272	15
Monmouth	78	49	0	0.00	0.10	-1.65	112	259	-14
Quincy	76	51	0	0.00	1.17	-0.93	107	250	-23
Perry	78	46	-2	0.00	0.78	-1.18	109	259	-18
Springfield	80	50	0	0.00	0.65	-1.00	119	281	-3
Urbana	77	49	-1	0.00	0.49	-1.33	107	245	-25
Windsor	75	48	-4	0.00	0.72	-1.10	96	234	-63
Terre Haute	77	50	0	0.00	1.22	-0.80	108	268	-10
St. Louis	79	55	N/A	0.00	0.66	N/A	122	322	N/A
Belleville	77	51	-2	0.00	0.32	-1.52	110	313	-10
Brownstown	77	46	-3	0.00	0.11	-1.76	101	261	-20
Iuka	77	47	-4	0.00	0.82	-1.16	103	268	-43
Lawrenceville	75	48	-4	0.00	1.01	-1.03	98	255	-49
Vincennes	76	46	-4	0.00	0.73	-1.55	98	244	-44
Dixon Springs	78	49	-3	0.00	0.24	-2.07	104	304	-30
Paducah	78	49	-4	0.00	0.32	-1.93	106	332	-26
Olive Branch	79	53	-2	0.00	0.17	-2.21	117	344	-5
Carbondale	77	46	-5	0.00	0.27	-1.82	98	278	-45
C Girardeau	80	52	N/A	0.00	0.25	N/A	116	343	N/A

N/A - Not available.

NEWSPAPER TIME VALUE

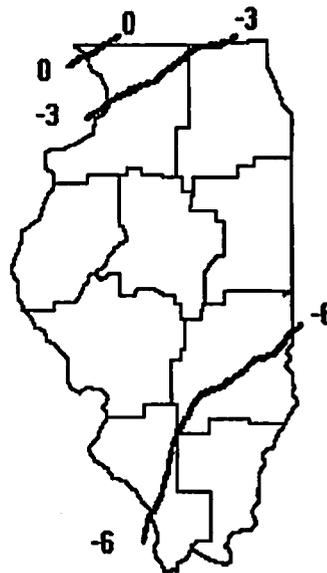
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Weather maps provided by Illinois State Water Survey
Champaign, Illinois 61820



Precipitation (inches)
May 17-23, 1994



Temperature Departure
May 17-23, 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.

