

# 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

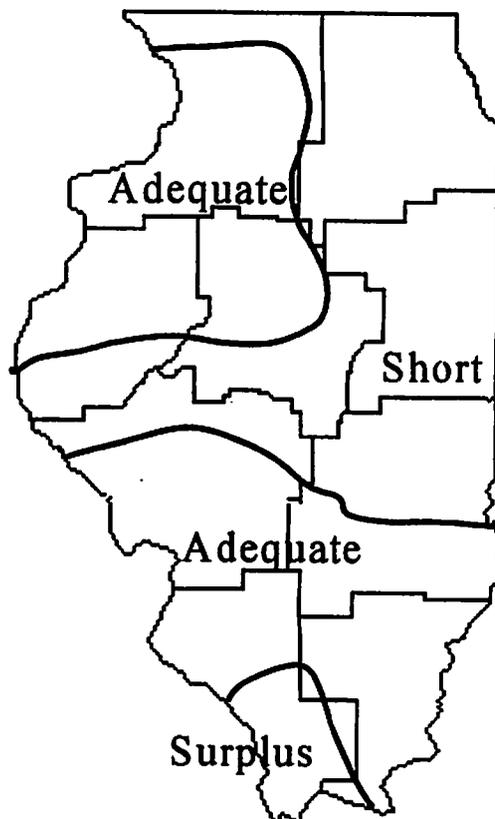
Hot and dry conditions throughout the state have created some concern over heat stress in both livestock and crops. The winter wheat harvest advanced to 94 percent complete this week, compared to 88 percent last week and the five-year average of 94 percent. The corn crop is beginning to silk and tassel, reaching 13 percent, compared to two percent last week and the five-year average of 47 percent. As of July 14, the corn crop was rated as seven percent excellent, 47 percent good, 35 percent fair, ten percent poor and one percent very poor. The soybean crop was five percent excellent, 37 percent good, 45 percent fair, 11 percent poor and two percent very poor. As of July 14, topsoil moisture was three percent surplus, 57 percent adequate, 35 percent short and five percent very short.

### CROP PROGRESS - July 16, 1995

Crop Stage : : : 5-Year  
: 1995 : 1994 : Average

	Percent		
<b>CORN:</b>			
Silked (Tasseled)	13	62	47
Dough	1/	3	8
<b>SOYBEANS:</b>			
Blooming	17	54	48
Setting Pods	2	10	14
<b>SORGHUM:</b>			
Headed	1	11	12
<b>WHEAT:</b>			
Harvested	94	94	88
<b>OATS:</b>			
Filled	88	100	96
Turning Yellow	61	96	80
Ripe	12	77	53
Harvested	3	27	25
<b>ALFALFA HAY:</b>			
Second Cutting	48	78	64
Third Cutting	3	6	5
<b>RED CLOVER:</b>			
Cutting	93	100	93

1/ Less than one percent



Topsoil Moisture Supply  
July 14, 1995

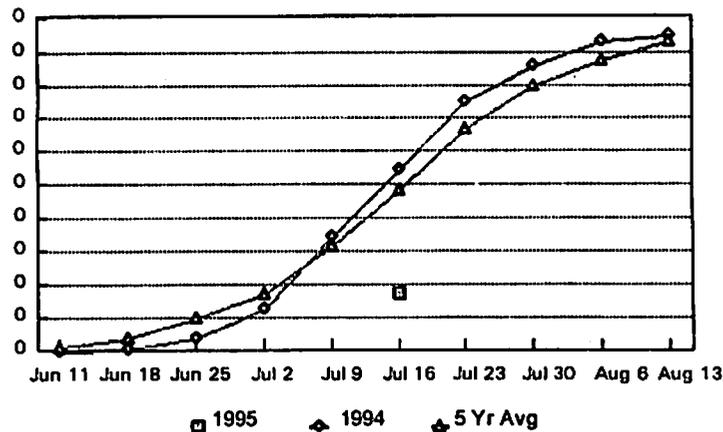
**CROP CONDITIONS JULY 14, 1995**

Crop	Percent					Very Poor
	Excellent	Good	Fair	Poor	Poor	
Corn	7	47	35	10	1	
Soybeans	5	37	45	11	2	
Sorghum	6	40	46	7	1	
Oats	4	46	36	14	-	
Alfalfa	13	59	24	4	-	
Pasture	12	48	34	6	-	

**ILLINOIS DISTRICT SUMMARY**

District	Soybean		Corn		Days Suitable For Fieldwork	Soil Moisture Percent		
	Acreage	Percent Blooming	Acreage	Percent Silking		Very Short	Short	Adq. Surplus
	As of July 16		July 8-14			As of July 14		
Northwest	10	5	5	6.5	-	35	65	-
Northeast	5	5	5	7.0	10	45	45	-
West	5	5	5	7.0	-	25	75	-
Central	30	10	10	7.0	10	50	40	-
East	30	10	10	7.0	20	65	15	-
W Southwest	20	25	25	6.5	-	30	70	-
E Southeast	10	15	15	6.5	-	45	55	-
Southwest	10	15	15	6.5	-	15	65	20
Southeast	10	25	25	6.5	-	20	75	5
State	17	13	13	6.5	5	35	57	3

**Soybeans - Percent Blooming**



WEATHER SUMMARY

A record breaking heat wave engulfed the state during the week. Mercuries shot into the upper 90's and low to mid 100's around the state. Chicago took honors as the hottest location with readings of 104 to 105 on the 13th. Effects of the heat were compounded by tropical moisture levels with effective temperatures ranging between 105 and 120 at times.

Average temperatures varied from around 80 north to the mid 80's south, some 4 to 6 degrees above normal far south and 8 to 12 degrees above normal central and north. Average daytime highs ranged from the low to upper 90's with mean lows from around 70's to the mid 70's.

Some scattered thunderstorms developed in the hot and humid atmosphere, but coverage was lacking and totals highly variable. Only an isolated amount of an inch or more was likely noted with scattered 1/4 to 3/4 inch totals. Many areas escaped with just a light dampening of 2/10 inch or less. Coverage of the dry sections was widespread leaving much of the state in need of precipitation.

Week ending 8 A.M. Monday, July 17, 1995

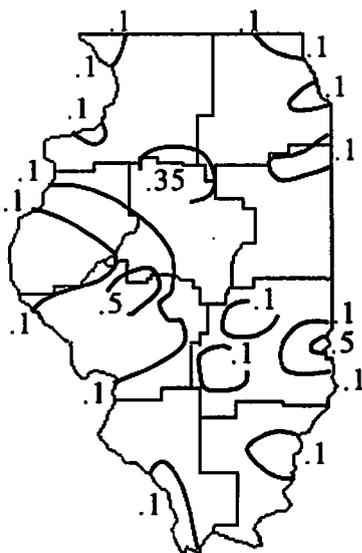
Location	Temperatures			Precipitation			Growing Degree Days (50F)		
	:Maxi- :mum	:Mini- :mum	:Depar- :ture	:Curr- :week	:Since :May 1	:Departure :since :May 1	:Curr- :week	:Since :May 1	:Departure :since :May 1
Elizabeth	92	63	6	0.31	12.60	3.08	171	1141	-76
Rockford	93	71	9	0.00	11.45	0.97	201	1329	53
Chicago	96	75	13	0.00	7.96	-1.16	217	1398	142
Chi Botanical	94	72	12	0.26	7.49	-1.48	204	1259	175
Watseka	93	71	9	0.05	12.27	1.80	203	1420	87
Peru	95	71	8	0.35	9.67	-0.58	201	1296	-86
Moline	94	73	9	0.16	11.49	0.23	210	1427	3
Peoria	94	72	7	0.01	13.18	3.11	206	1390	-62
Monmouth	92	71	6	0.00	16.35	6.15	200	1319	-142
Quincy	91	74	6	0.00	10.50	-0.39	210	1373	-136
Perry	93	73	7	0.33	12.77	2.39	209	1384	-113
Springfield	98	75	10	0.83	9.07	0.09	215	1549	3
Urbana	94	71	7	0.30	10.05	-0.44	202	1419	-53
Windsor	93	72	6	0.16	8.64	-1.25	203	1503	-45
Terre Haute	97	75	10	0.00	8.67	-2.00	214	1580	94
St. Louis	97	79	N/A	0.01	16.34	N/A	228	1710	N/A
Belleville	94	72	6	0.17	21.11	11.51	206	1595	-10
Brownstown	96	75	9	1.43	17.19	6.59	216	1489	-35
Iuka	95	71	6	0.05	16.23	5.51	202	1501	-68
Lawrenceville	93	73	6	0.14	20.17	9.56	207	1552	-33
Vincennes	93	71	6	0.11	16.22	5.27	202	1529	8
Dixon Springs	94	72	6	0.00	12.43	0.55	205	1646	37
Paducah	95	73	5	0.00	11.36	0.06	209	1749	29
Olive Branch	92	70	3	0.55	20.78	9.77	197	1692	13
Carbondale	92	71	4	0.00	14.43	3.72	200	1547	-67
C Girardeau	95	74	N/A	0.07	16.24	N/A	213	1734	N/A

NEWSPAPER TIME VALUE

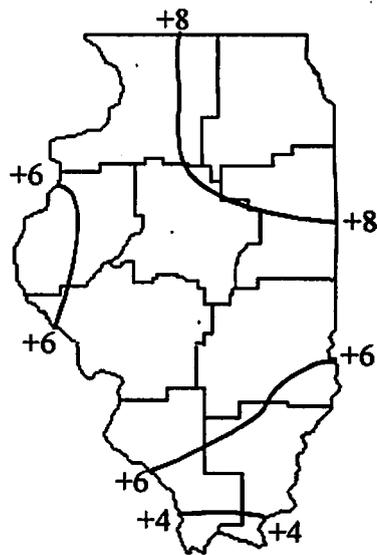
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Weather maps provided by Illinois State Water Survey  
Champaign, Illinois 61820



Precipitation (inches)  
July 11-17, 1995



Temperature Departure  
July 11-17, 1995

CROP PROGRESS INFORMATION in this report is provided voluntarily by local area officials of Consolidated Farm Service Agency, Extension Service, National Resources Conservation Service, Farm Business Farm Management field staff, and agribusiness managers:

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