

ILLINOIS WEATHER & CROPS



**ILLINOIS
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**U. S. DEPARTMENT OF AGRICULTURE
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**NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION**

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CROPS

Wheat harvest is moving on rapidly and is well ahead of the 5-year average. Soils remained very short of moisture as virtually no rainfall was received over the State this past week except for a few isolated spots. All districts reported 100% shortage of moisture. This shortage of moisture combined with extreme heat caused crop conditions to decline further last week. Last week, farmers were mowing and baling government set-aside acres, cutting hay, preparing for the oat harvest, cultivating, spraying weeds and pests, walking beans, planting double crop beans, repairing machinery, scouting fields, baling wheat straw, hauling water, hauling grain, and tending to livestock. The heat is causing stress on livestock, curling of corn leaves, burning of the soybean leaves, and slow plant regrowth. Also, several reports of problems with spider mites, grasshoppers, and other insects and pests were received. For the week of June 18-24, there was an average of seven days rated as suitable for fieldwork.

Condition of the **CORN** crop on June 24 was reported as 19% good, 62% fair, 18% poor, and 1% very poor. By June 26, the average height of all corn that had emerged was 40 inches, compared to 54 inches last year and the 5-year average (1983-87) of 37 inches. The average height of the most advanced fields was 53 inches, compared to 72 inches last year and the average of 53 inches.

By June 26, 10% of the **SOYBEAN** crop was blooming compared to 34% last year and the average of 11%. Condition of the crop by June 24 was 17% good, 61% fair, 20% poor, and 2% very poor.

Condition of **WINTER WHEAT** on June 24 was reported as 5% excellent, 51% good, 41% fair, and 3% poor. By June 26, 98% of the wheat acreage was ripe, compared to 96% last year and the average of 60%. Seventy percent of the wheat crop was harvested, compared to 81% last year and the average of 37%.

OAT condition on June 24 was reported as 11% good, 54% fair, 32% poor, and 3% very poor. Eighty-four percent of the acreage was filling by June 26 compared to 89% last year and the average of 73%. Forty-three percent of the acreage was turning yellow compared to 61% last year and the average of 33%. Ten percent of the acreage was ripe compared to 22% last year and the average of 8%.

Condition of the **SORGHUM** crop by June 24 was reported as 7% good, 65% fair, and 28% poor.

By June 26, cutting of the second crop of **ALFALFA HAY** was 40% complete, compared to 39% last year and the average of 21%. Condition of the crop on June 24 was reported as 8% good, 52% fair, 35% poor, and 5% very poor.

Cutting of **CLOVER HAY** was 91% complete by June 26 compared to 94% last year and the average of 85%. Condition of the crop on June 24 was reported to be 8% good, 42% fair, 45% poor, and 5% very poor.

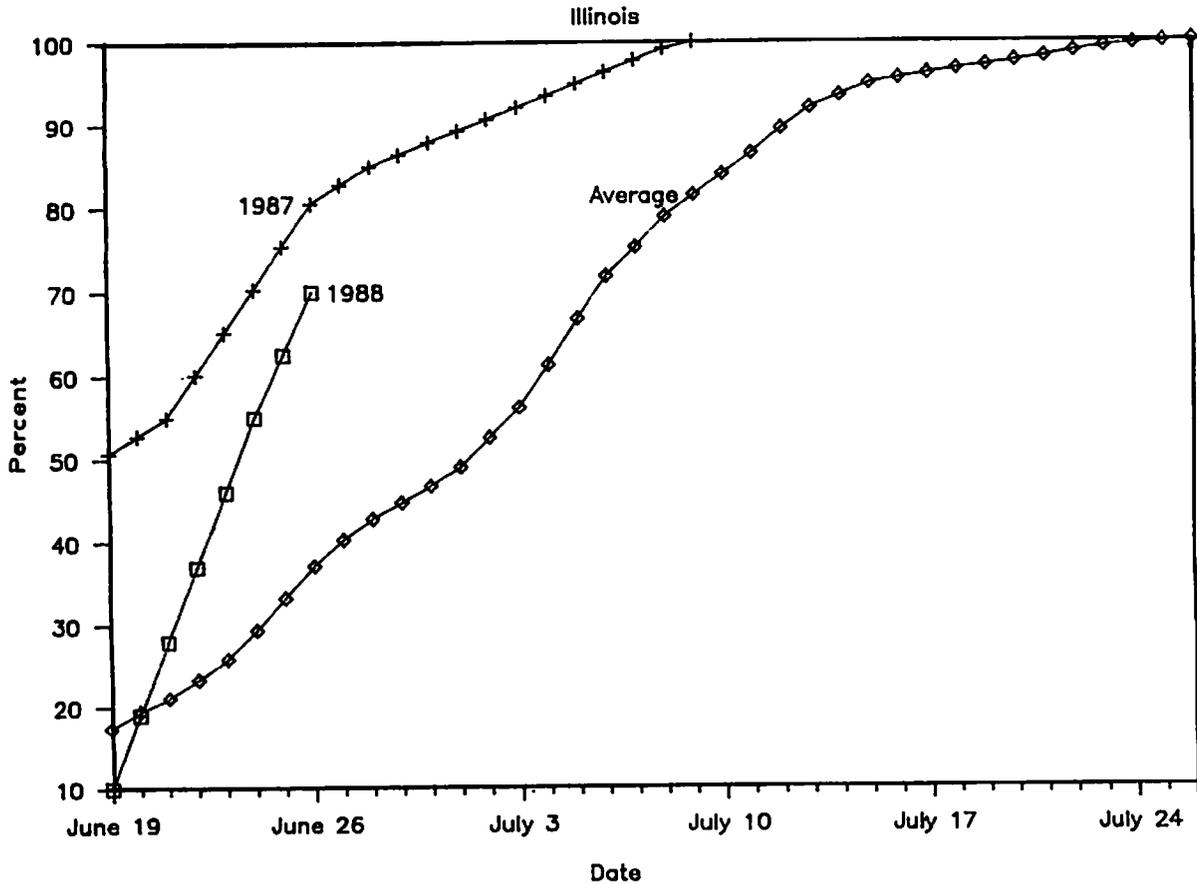
PASTURE condition, as of June 24, was rated as 14% fair, 53% poor, and 33% very poor.

SOIL MOISTURE on June 24 was reported as 100% short.

ILLINOIS DISTRICT SUMMARY

District:	Days suitable for fieldwork	Soil moisture percent		
		Short	Adequate	Surplus
----- As of June 24 -----				
NW	7.0	100	0	0
NE	7.0	100	0	0
W	7.0	100	0	0
C	7.0	100	0	0
E	7.0	100	0	0
WSW	7.0	100	0	0
ESE	7.0	100	0	0
SW	7.0	100	0	0
SE	7.0	100	0	0
State	7.0	100	0	0

Wheat – Percent Harvested



WEATHER

TEMPERATURES: HOT, DRY WEATHER AND HIGH PRESSURE LIMITED CROP GROWTH DURING THE PERIOD. DAILY HIGHS AVERAGED FROM THE LOW 90'S IN THE NORTH TO NEAR 100 IN THE SOUTH. THESE READINGS WERE 6 TO 11 DEGREES ABOVE NORMAL IN THE CENTRAL PART AND 8 TO 12 DEGREES ABOVE NORMAL ELSEWHERE. LOWS FOR THE PERIOD AVERAGED FROM THE MID-60'S IN THE NORTH TO AROUND 70 IN THE SOUTH. THIS WAS 2 TO 7 DEGREES ABOVE NORMAL OVER MUCH OF ILLINOIS. HIGHEST READINGS IN THE LOW TO MID-100'S OCCURRED MOSTLY ON SATURDAY.

NO RAINFALL OCCURRED OVER MUCH OF CENTRAL AND SOUTHERN ILLINOIS, BUT SPOTTY THUNDERSTORMS OCCURRED WITH A FRONTAL SYSTEM ON WEDNESDAY EVENING IN THE NORTH. MOST AREAS RECEIVED 1/4 INCH OR LESS EXCEPT FOR NEARLY 2 INCHES IN PARTS OF THE CHICAGO AREA. THIS WAS NEARLY AN INCH BELOW NORMAL RAINFALL OVER MUCH OF THE STATE.

BASE 50 GROWING DEGREE DAYS ACCUMULATED FROM AROUND 175 IN THE NORTH, TO 190 IN THE CENTRAL, AND AROUND 200 IN THE SOUTH.

HOT, DRY WEATHER WILL DEVELOP FOR WEDNESDAY THROUGH FRIDAY WITH HIGHS MOSTLY IN THE 90'S AND LOWS IN THE 60'S AND 70'S.

Week ending 8 A.M. Monday, June 27, 1988

Location	Temperatures			Precipitation			Growing Degree Days(50°)		
	:Maxi- : mum	:Mini- : mum	:Deapar- : ture	:Curr- : week	:Since : May 1:	:Departure : since	:Curr- : week	:Since : May 1:	:Departure : since
ELIZABETH	92	61	6	0.14	1.61	-6.23	169	978	133
ROCKFORD	92	66	8	0.07	1.20	-6.69	180	1061	238
CHICAGO	92	66	9	0.36	1.55	-5.28	178	1022	215
CHI BOTANICAL	90	65	5	1.90	3.22	-3.66	168	912	26
ELWOOD	93	66	8	0.00	2.04	-5.53	183	1069	230
WATSEKA	93	64	6	0.03	3.29	-4.90	175	1058	130
PERU	92	66	6	0.00	0.92	-6.30	182	1075	154
MOLINE	95	68	8	0.22	2.92	-5.17	190	1134	212
PEORIA	94	68	8	0.05	2.03	-5.29	190	1132	198
KILBOURNE	95	68	7	0.00	2.52	-5.39	192	1142	116
MONMOUTH	94	65	6	0.00	2.24	-5.19	182	1097	133
QUINCY	96	68	8	0.00	2.59	-5.38	194	1145	141
PERRY	94	67	6	0.00	4.84	-2.67	191	1106	57
SPRINGFIELD	94	68	6	0.00	2.35	-4.35	192	1167	128
DECATUR	95	68	7	0.00	2.48	-5.62	191	1145	99
URBANA	94	69	8	0.00	1.97	-5.15	192	1151	171
WINDSOR	95	71	8	0.00	2.11	-5.70	202	1171	129
TERRE HAUTE	96	67	7	0.00	2.48	-5.14	188	1096	107
ST. LOUIS	98	75	NA	0.00	2.71	NA	218	1308	NA
BELLEVILLE	98	68	7	0.00	2.03	-5.36	192	1143	36
BROWNSTOWN	98	68	8	0.00	2.08	-6.09	193.	1123	63
IUKA	97	67	6	0.00	2.86	-4.73	190	1088	-18
LAWRENCEVILLE	98	68	NA	0.00	2.11	NA	195	1125	NA
VINCENNES	96	68	7	0.00	1.91	-5.77	166	1100	62
DIXON SPRINGS	98	68	5	0.00	2.57	-5.56	192	1137	-61
PADUCAH	100	70	8	0.00	3.24	-5.09	202	1204	3
OLIVE BRANCH	97	68	6	0.00	2.01	-6.34	192	1144	-12
CARBONDALE	98	67	6	0.00	3.16	-4.72	189	1130	-8
C GIRARDEAU	99	70	NA	0.00	4.01	NA	201	1217	NA

