

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

Warm temperatures helped crops develop rapidly last week, but dry soil conditions over most of the State started causing some plant stress in corn and soybeans, and slowed growth of pastures and hay crops. Field conditions varied across the State from being too wet in the extreme Southern Districts to being very dry over most of the Central and Northern Districts. Wheat harvest started in southern Illinois. Last week farmers were also cultivating corn, mowing roadsides, mowing set-aside acres, walking beans, baling hay, spraying pesticides, and preparing machinery for wheat harvest. Fruit trees were reported to be in good condition. There was an average of six days suitable for fieldwork during the week of June 17 - June 23.

Condition of the **CORN** crop on June 23 was reported as 10% excellent, 78% good, 11% fair, and 1% poor. On June 25, the average height of all corn that had emerged was 31 inches, compared to 39 inches for both last year and the 5-year average (1984-88). The average height of the most advanced fields was 46 inches, compared to 52 inches last year and the average of 55 inches.

On June 25, 4% of the **SOYBEAN** crop was blooming, compared to 9% last year and the average of 11%. Condition of the crop that had emerged by June 23 was 6% excellent, 69% good, and 25% fair.

Condition of **WINTER WHEAT** on June 23 was reported as 19% excellent, 75% good, and 6% fair. By June 25, 55% of the wheat crop was ripe, compared to 95% last year and the average of 72%. Ninety-seven percent of the wheat acreage was turning yellow, compared to 100% last year and the average of 96%. By June 25, 8% of the winter wheat acreage was harvested, compared to 63% last year and the average of 45%.

OAT condition on June 23 was reported as 10% excellent, 75% good, and 15% fair. Ninety-four percent of the acreage was heading on June 25, compared to 100% last year and the average of 97%. Fifty-four percent of the acreage was filled, compared to 80% last year and the average of 78%. Eight percent of the oat crop was turning yellow, compared to 39% last year and the average of 35%.

SORGHUM planting on June 25 was 92% complete, compared to 100% last year and the average of 94%. Condition of sorghum on June 23 was reported as 3% excellent, 76% good, and 21% fair.

Cutting of the second crop of **ALFALFA HAY** was 25% complete, compared to 36% last year and the average of 25%. Condition of the crop on June 23 was reported as 3% excellent, 51% good, 37% fair, and 9% poor.

Cutting of **CLOVER HAY** on June 25 was 75% complete, compared to 90% last year and the average of 85%. Condition of the crop on June 23 was reported to be 7% excellent, 71% good, 20% fair, and 2% poor.

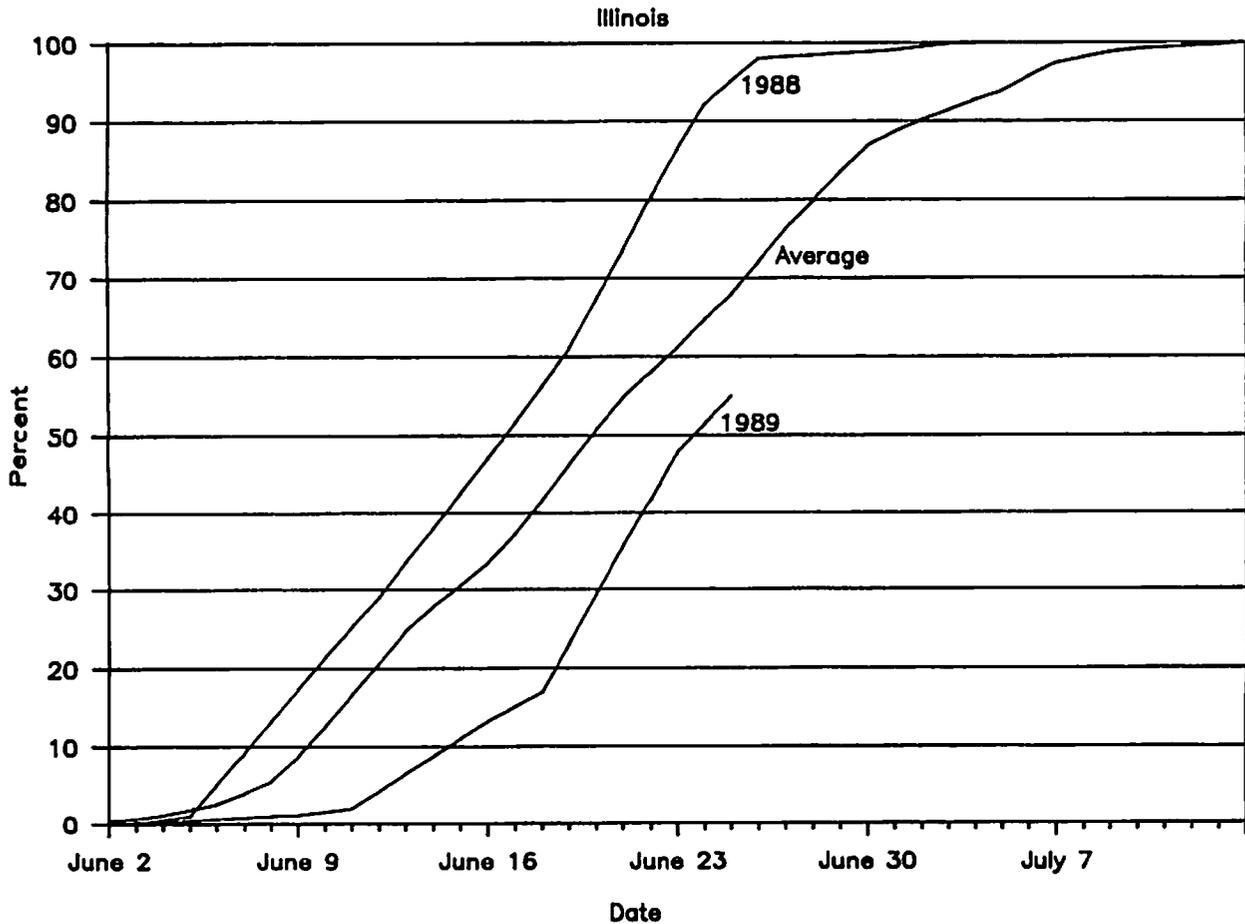
PASTURE condition, as of June 23, was rated as 6% excellent, 60% good, 24% fair, and 10% poor.

SOIL MOISTURE, as of June 23, was reported as 61% short, 29% adequate, and 10% surplus.

ILLINOIS DISTRICT SUMMARY

District	Days Suitable For Fieldwork	Soil Moisture Percent		
		Short	Adequate	Surplus
As of June 23				
Northwest	7.0	100	0	0
Northeast	7.0	80	20	0
West	7.0	90	10	0
Central	7.0	90	10	0
East	7.0	80	20	0
W Southwest	6.5	85	15	0
E Southeast	7.0	25	75	0
Southwest	3.5	0	60	40
Southeast	3.5	0	45	55
State	6.0	61	29	10

Wheat – Percent of Acreage Ripe



WEATHER

HOT WEATHER MOVED INTO ILLINOIS DURING THE WEEK ENDING JUNE 26. THOUGH THE TEMPERATURE PATTERN WAS CLOSE TO NORMAL FOR LATE JUNE IN THE SOUTH, AVERAGE TEMPERATURES WERE 2 TO 5 DEGREES ABOVE NORMAL IN THE NORTH. HIGHEST READINGS WERE IN THE LOWER 90'S, NOT EXTREME FOR MID-SUMMER TEMPERATURES, BUT HIGH HUMIDITY LEVELS MADE OUTDOOR WORK UNCOMFORTABLE.

DESPITE THE HUMID CONDITIONS, ONLY ISOLATED THUNDERSTORMS OCCURRED DUE TO AN ABSENCE OF STRONG FRONTAL ACTIVITY DURING THE WEEK. NEVERTHELESS, A FEW LOCALLY HEAVY DOWNPOURS DEVELOPED SUCH AS THE ONE THAT BROUGHT AN INCH AND A HALF OF RAIN OVER URBANA. OTHERWISE, SPOTTY OCCURRENCES OF ONE OR TWO TENTHS OF AN INCH WERE MORE TYPICAL.

THUNDERSTORMS MOVING INTO NORTHERN ILLINOIS EARLY THIS WEEK WILL BE SPREADING TO THE SOUTH AND PERSISTING THERE WEDNESDAY AND THURSDAY. SLIGHTLY COOLER AND LESS HUMID AIR WILL OVERTAKE THE NORTH AT MID WEEK. HIGHS WILL RANGE FROM LOW AND MID 80'S NORTH TO UPPER 80'S AND LOW 90'S SOUTH WEDNESDAY THROUGH FRIDAY. LOWS WILL RANGE BETWEEN MID 60'S AND 70'S. DRY WEATHER IS EXPECTED IN THE NORTH WEDNESDAY THROUGH FRIDAY. THE SOUTH SHOULD BE DRIER AGAIN FRIDAY AS WELL.

Week ending 8 A.M. Monday, June 26, 1989

Location	Temperatures			Precipitation			Growing Degree Days (50F)		
	Maxi- mum	Mini- mum	Depart- ure	Curr. week	Since May 1	Departure since May 1	Curr. week	Since May 1	Departure since May 1
ELIZABETH	87	58	2	0.14	4.67	-3.04	156	766	-58
ROCKFORD	88	63	5	0.00	5.21	-2.53	176	849	47
CHICAGO	85	63	4	0.03	3.60	-3.10	167	841	55
CHI BOTANICAL	77	61	-3	0.00	4.93	-1.81	137	706	-156
ELWOOD	87	64	4	0.50	7.55	0.13	176	864	47
WATSEKA	88	63	3	0.10	5.42	-2.61	175	850	-55
PERU	89	64	3	0.00	3.35	-3.99	179	908	-25
MOLINE	88	64	3	0.00	6.73	-1.21	178	886	-12
PEORIA	88	66	4	0.28	3.20	-3.99	185	917	6
KILBOURNE	89	66	3	0.00	4.00	-3.78	186	931	-70
MONMOUTH	86	62	1	0.00	7.25	-0.05	170	843	-97
QUINCY	89	66	3	0.00	3.52	-4.31	184	946	-33
PERRY	89	63	1	0.00	5.92	-1.46	176	893	-130
SPRINGFIELD	89	66	3	0.00	4.76	-1.82	187	925	-89
URBANA	89	66	4	1.50	6.52	-0.47	188	939	-16
WINDSOR	89	65	2	0.00	5.79	-1.88	182	931	-86
TERRE HAUTE	89	67	4	0.18	4.86	-2.49	189	917	-38
ST LOUIS	91	72	NA	0.00	5.31	NA	209	1115	NA
BELLEVILLE	88	63	0	0.00	8.09	0.82	175	960	-122
BROWNSTOWN	90	68	4	0.00	6.97	-1.06	192	943	-92
IUKA	87	63	0	0.00	5.87	-1.58	175	907	-174
LAWRENCEVILLE	89	65	NA	0.00	6.81	NA	182	933	NA
VINCENNES	89	68	3	0.12	8.19	0.52	194	976	-62
DIXON SPRINGS	87	65	0	0.12	5.61	-2.40	180	1063	-108
PADUCAH	89	68	1	0.81	7.40	-0.80	192	1113	-62
OLIVE BRANCH	87	66	0	0.12	7.34	-0.75	183	1005	-102
CARBONDALE	88	65	0	0.00	8.66	0.91	182	981	-133
C GIRARDEAU	89	70	NA	0.26	8.68	NA	200	1125	NA

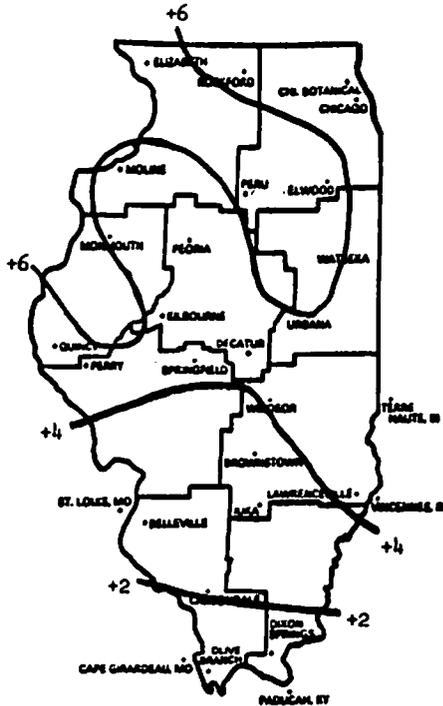
Information above provided by Midwest Agricultural Weather Service Center
Purdue University, West LaFayette, Indiana 47907

NEWSPAPER TIME VALUE

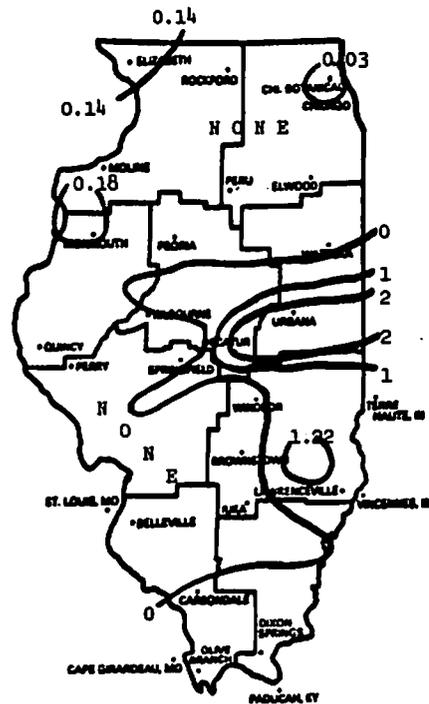
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Champaign, Illinois 61820



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) JUNE 20-26, 1989



PRECIPITATION (INCHES)
JUNE 20-26, 1989

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers.