

ILLINOIS WEATHER & CROPS



**ILLINOIS
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**U. S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE**



**NATIONAL OCEANIC AND
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CROPS

Soybean and sorghum planting continued to progress at record pace aided by dry, warm weather. Some emergence problems with corn and soybeans are still being reported. Several reports of alfalfa weevil and bean leaf beetle harming the alfalfa and soybean crops, respectively, were received. In addition to soybean and sorghum planting, last week farmers were also finishing corn planting, spraying pesticides, cutting and baling hay, hoeing corn and soybeans, cultivating, side dressing nitrogen, scouting fields for pests, mowing roadsides, hauling grain, and caring for livestock. For the week of May 14-20, there was an average of six and three-quarter days suitable for fieldwork. All districts reported six and one-half days or more as suitable for fieldwork, and all districts reported 100 percent shortage of soil moisture except the Northwest which reported 80% short and 20% adequate. Some very beneficial rainfall was received on Sunday and Monday, May 22-23, primarily over the southern half of the State, which should improve soil moisture conditions.

CORN planting, as of May 22, was virtually complete, compared to 98% last year, and the 5-year average (1983-87) of 87%. The emerged acreage was reported as 88% of a full stand compared to 89% last year. The average height of all corn that had emerged was 5 inches, compared to 6 inches last year and the average of 3 inches. The average height of the most advanced fields was 8 inches, compared to 11 inches last year and the average of 6 inches. Two percent of the crop has been replanted. Condition of the emerged corn crop on May 20 was reported as 5% excellent, 70% good, 24% fair and 1% poor.

SOYBEAN planting, as of May 22, was about 88% complete, compared to 80% last year and the average of 52%. Condition of the crop that had emerged on May 20 was 1% excellent, 45% good, 47% fair, and 7% poor.

Condition of **WINTER WHEAT** on May 20 was reported as 6% excellent, 63% good, 25% fair, and 6% poor. By May 22, 90% of the acreage was heading, compared to 93% last year and the average of 66%. Thirty-five percent of the acreage was filling, compared to 40% last year and the average of 23%.

OAT condition on May 20 was reported as 3% excellent, 48% good, 46% fair, and 3% poor. Seven percent of the acreage was heading on May 22, compared to 9% last year and the average of 6%.

SORGHUM planting on May 22 was 80% complete, compared to 62% last year, and the average of 27%.

Cutting of the first crop of **ALFALFA HAY** was 42% complete, compared to 36% last year and the average of 21%. Condition of the crop on May 20 was reported as 4% excellent, 66% good, 28% fair, 1% poor, and 1% very poor.

Cutting of **CLOVER HAY** on May 22 was 35% complete compared to 34% last year and the average of 14%. Condition of the crop on May 20 was reported to be 3% excellent, 57% good, and 40% fair.

PASTURE condition, as of May 20, was rated as 1% excellent, 23% good, 65% fair and 11% poor.

SOIL MOISTURE on May 20 was reported as 98% short and 2% adequate.

ILLINOIS DISTRICT SUMMARY

	Soybean acreage		Days suitable for fieldwork	Soil moisture percent		
	% planted	% 1st crop cut		Short	Adequate	Surplus
District	: Soybean	: Alfalfa hay	: Days	: Soil		
	: acrage	: % 1st	: suitable for	: moisture percent		
	: % planted	: crop cut	: fieldwork	: Short	: Adequate	: Surplus
	- As of May 22 -			- As of May 20 -		
NW	: 85	: 25	: 7.0	: 80	: 20	: 0
NE	: 85	: 15	: 6.5	: 100	: 0	: 0
W	: 90	: 35	: 7.0	: 100	: 0	: 0
C	: 95	: 35	: 6.5	: 100	: 0	: 0
E	: 95	: 25	: 6.5	: 100	: 0	: 0
WSW	: 90	: 55	: 7.0	: 100	: 0	: 0
ESE	: 85	: 80	: 7.0	: 100	: 0	: 0
SW	: 80	: 85	: 7.0	: 100	: 0	: 0
SE	: 80	: 85	: 7.0	: 100	: 0	: 0
State	: 88	: 42	: 6.75	: 98	: 2	: 0
5-Yr. Avg:	: 52	: 21				

PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE
April	1.97	2.07	1.88	1.55	1.82	1.09	1.68	2.20	2.30
Departure	-1.53	-1.46	-1.86	-2.27	-1.98	-2.66	-2.16	-1.97	-2.04

1.84 / 3.83

APRIL WEATHER SUMMARY

Illinois recorded below normal precipitation and near normal temperatures. The Statewide average monthly **TEMPERATURE** was 0.9 degrees below normal as temperatures ranged from 1 degree above normal to 1 degree below normal. The warmest portion of the State was the southwest section, while the coolest areas were in the Northeast and Southeast. The month started with above normal temperatures, as maximum readings climbed into the 70's and 80's. During the middle of the month, minimum temperatures fell below the freezing mark throughout Illinois. Temperatures climbed above normal by the end of the month.

PRECIPITATION averaged below normal in the State (-1.99 inch below normal). The largest below normal variation was in the West-Southwest District (-2.66 inches below normal). The least below normal variation was in the Northeast District (-1.46 inch below normal). Cairo, in the Southwest District, received the largest total precipitation during the month (3.34 inches). The least total amount for April was at Mt. Olive, in the West-Southwest District (0.54 of an inch). Most of the rain fell during the first week of the month, with only light precipitation falling in the latter half of April. Several stations in the South received more than 1 inch of rain during a 24-hour period.

The **OUTLOOK** through the end of May is for temperatures to be above normal and precipitation to be below normal.

The **90-DAY OUTLOOK** from May to July is for temperature and precipitation to be near normal.

WEATHER

DAILY MEAN TEMPERATURES FOR THE WEEK WERE GENERALLY ZERO TO TWO DEGREES ABOVE NORMAL. DAYTIME HIGHS AVERAGED IN THE UPPER 70'S NORTH TO LOW 80'S SOUTH WHILE OVERNIGHT LOWS AVERAGED IN THE UPPER 40'S TO MID-50'S SOUTH. VERY WARM AIR INVADED ILLINOIS OVER THE WEEKEND AND SENT HIGHS INTO THE MID-80'S TO AROUND 90 DEGREES ON SUNDAY.

PRECIPITATION WAS QUITE VARIABLE WITH MANY NORTHERN AREAS REMAINING DRY THE ENTIRE WEEK. AMOUNTS RANGED FROM LESS THAN .10 INCH MAINLY NORTH TO NEAR AN INCH OR MORE IN A FEW CENTRAL AND SOUTH SPOTS. MOST REPORTED AMOUNTS WERE .25 TO .50 INCH.

BASE 50 GROWING-DEGREE DAYS ACCUMULATED AT A WEEKLY PACE OF 20 TO 30 UNITS ABOVE NORMAL IN MANY AREAS. WEEKLY TOTALS RANGED FROM 110 TO 120 IN THE NORTH, TO 125 TO 135 IN THE SOUTH.

THE EXTENDED FORECAST FOR WEDNESDAY THROUGH FRIDAY, MAY 25 TO MAY 27, IS CALLING FOR MOSTLY DRY WEATHER WITH TEMPERATURES WARMING AGAIN. HIGHS WEDNESDAY IN THE LOWER 70'S NORTH TO LOWER 80'S SOUTH WILL RISE TO THE 80'S TO NEAR 90 SOUTH FRIDAY. OVERNIGHT LOWS IN THE LOWER 50'S NORTH TO LOWER 60'S SOUTH WEDNESDAY WILL WARM TO THE UPPER 50'S TO MID-60'S FRIDAY.

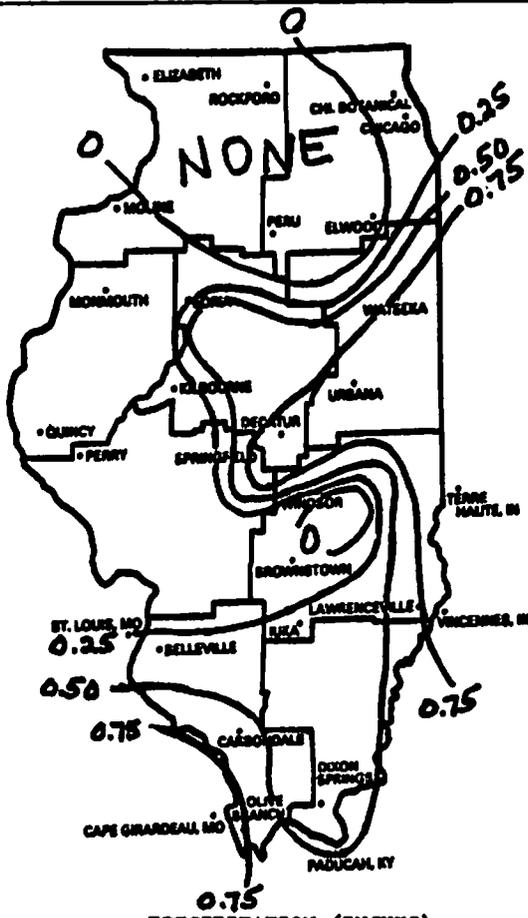
Week ending 8 A.M. Monday, May 23, 1988

Location	Temperatures			Precipitation : Since : : May 1 : : since May 1 :	: Growing Degree Days(50 : Departure : : Curr. : : Since : : May 1 : : since May 1 :
	: Maxi- : mum :	: Mini- : mum :	: Deapar- : ture :		
ELIZABETH	76	44	0	0.00 1.27	-1.82 101 312 71
ROCKFORD	77	48	2	0.00 0.70	-2.18 109 338 116
CHICAGO	71	48	0	0.02 0.62	-1.80 84 299 82
CHI BOTANICAL	68	47	-3	0.16 0.85	-1.67 72 241 14
ELWOOD	79	49	3	0.00 0.65	-2.16 114 347 126
WATSEKA	80	50	2	0.81 1.42	-1.69 116 334 80
PERU	80	49	1	0.00 0.78	-2.18 120 358 91
MOLINE	79	49	1	0.02 1.18	-1.98 113 371 122
PEORIA	80	54	4	0.66 1.26	-1.64 127 389 136
KILBOURNE	81	50	1	0.30 1.14	-2.06 124 394 102
MONMOUTH	79	52	2	0.30 0.87	-1.98 118 369 96
QUINCY	79	54	2	0.15 1.01	-2.24 124 379 103
PERRY	80	50	0	0.20 1.41	-1.67 121 367 65
SPRINGFIELD	81	52	2	0.24 0.67	-1.91 125 392 103
DECATUR	81	51	1	0.94 1.60	-1.48 123 383 83
URBANA	83	54	4	1.09 1.62	-1.10 135 385 115
WINDSOR	80	54	2	0.00 0.57	-2.41 127 391 94
TERRE HAUTE	81	49	1	1.67 2.24	-0.73 122 372 96
ST LOUIS	81	59	NA	0.22 0.88	NA 144 444 NA
BELLEVILLE	82	53	1	0.30 0.95	-1.93 132 392 69
BROWNSTOWN	81	49	0	0.22 0.95	-2.29 120 393 87
IUKA	81	49	0	0.35 1.20	-1.68 118 366 45
LAWRENCEVILLE	82	51	NA	0.86 1.42	NA 127 384 NA
VINCENNES	81	49	0	0.00 0.50	-2.24 64 320 65
DIXON SPRINGS	83	54	0	0.17 1.44	-2.01 138 401 27
PADUCAH	83	56	1	0.69 2.83	-0.55 142 433 60
OLIVE BRANCH	83	54	1	0.20 1.54	-2.04 138 410 59
CARBONDALE	82	54	1	0.60 1.93	-1.26 130 394 50
C GIRARDEAU	82	56	NA	0.95 2.62	NA 138 433 NA

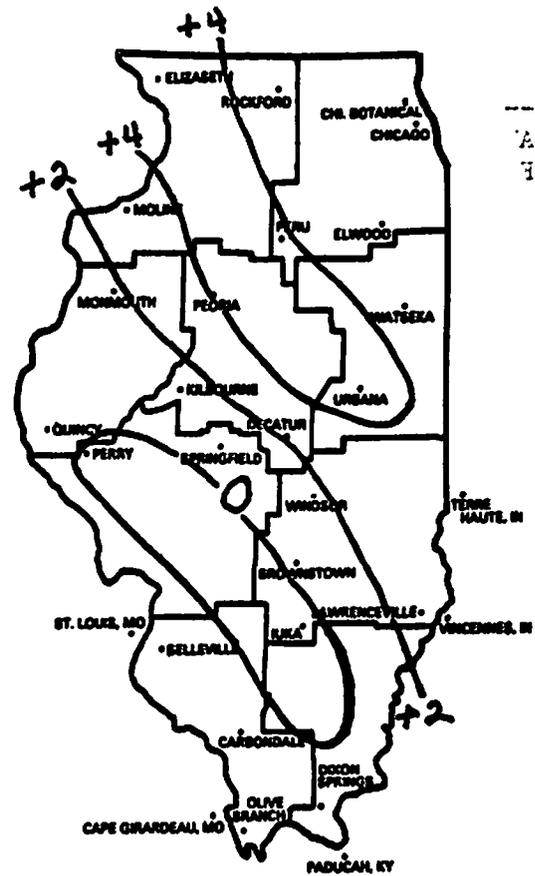
NEWSPAPER TIME VALUE

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PRECIPITATION (INCHES)
MAY 17-23, 1988



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) MAY 17-23, 1988

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers. Additional WEATHER INFORMATION is provided by the Illinois State Water Survey, IDE&NR, Champaign, Ill.; and National Weather Service Cooperative Observers, NOAA, Rosemont, Ill.