

ILLINOIS

WEATHER & CROPS



ILLINOIS COOPERATIVE CROP REPORTING SERVICE

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CROP & LIVESTOCK

Hot and humid weather continued across Illinois much of last week, accompanied by variable rainfall. Farmers were able to make good progress on fieldwork as five and three-quarter days were rated suitable. Many areas of the State report soybean emergence problems due to crusting, and southern areas report dry conditions delaying planting completion and affecting herbicide effectiveness. Major activities for the week included soybean and sorghum planting, cultivation, herbicide and nitrogen application, and cutting hay crops.

CORN planting is virtually complete in most areas the State. The average height of all corn on June 17 was 14 inches compared to 10 inches last year and the average of 16 inches. The height of the most advanced fields was 21 inches, compared to 17 inches last year and the average of 27 inches. The condition on Friday, June 15, was 8% excellent, 73% good, 18% fair, and 1% poor.

SOYBEAN planting was 92% complete on June 17, compared to 93% for both last year and the 5-year average. The crop was 78% of full stand, compared to 85% a year ago. Condition as of Friday, June 15, was 2% excellent, 57% good, 36% fair, and 5% poor.

SORGHUM planting was 85% complete compared to 70% last year and the average of 73%.

WINTER WHEAT condition as of Friday, June 15, was 13% excellent, 55% good, 25% fair and 7% poor. Eighty-six percent of the winter wheat acreage has filled, compared to 88% last year and the average of 97%. Forty-five percent of the winter wheat acreage has turned yellow, compared to 52% last year and the average of 72%.

The **OATS** crop on June 15 was 10% excellent, 69% good, 18% fair, and 3% poor. Fifty percent of the crop has headed, compared to 49% last year and the average of 63%. Twenty-two percent of the oats are filled, compared to 24% last year and the average of 30%.

ALFA condition as of June 15 was 30% excellent, 65% good, and 5% fair. Eighty-five percent of the first crop was cut by June 17, compared to 78% last year and the average of 82%.

CLOVER HAY condition was 20% excellent, 74% good, and 6% fair. Seventy-five percent of the crop has been cut, compared to 66% last year and the average of 65%.

PASTURE condition was 20% excellent, 70% good, and 10% fair as of June 15.

SOIL MOISTURE on June 15 was reported to be 9% surplus, 59% adequate, and 32% short.

WEATHER

Monday Sunday
TEMPERATURES for the week of June 11 to 17 were pretty much hot across Illinois. The only exception was on Thursday and Friday when a cold front slipped southward to cool off Northern and Central Illinois. Southern Illinois remained very hot and very humid all week.

RAINFALL for the week was quite variable. Springfield reported 1.52 inches while nearby Decatur received only .05 inches. Most areas received less than half of an inch. The **OUTLOOK** for the week of June 18 to 24 calls for hot and humid weather over all of Illinois on Monday with cooler and drier weather on Tuesday across Northern and Central Illinois. The remainder of the week will continue hot and humid over Southern Illinois while **temperatures** will continue near normal over Northern and Central Illinois. **Precipitation** will be below normal.

The **EXTENDED OUTLOOK** from June 15 to July 15, 1984 is for temperatures and precipitation to be above normal.

MAY WEATHER SUMMARY

Average monthly **TEMPERATURES** ranged from 3 to 4 degrees below normal throughout the State. The Northwest Districts had the largest below normal variation (3.7 degrees below normal). Temperatures were below normal during the entire month. The third week, however, recorded near normal readings. Several new minimum temperature records were set, especially by the end of the month.

PRECIPITATION was above normal in the Northwest District and in the central half of the State. Rainfall was below normal in the northeast and southern portions. The largest above normal variation was in the East District, while the largest below normal variation was in the Northeast District. During the first half of the month rainfall was moderate to heavy with amounts ranging from half of an inch to 2 inches. A dry period set in during the third week in the North, but the South received nearly 2.5 inches. Around 1 inch of rain fell in the North during the fourth week while the South was dry.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
As of June 17											
Soybeans: % planted	98	96	85	96	95	93	91	85	85	92	93
Alfa Hay: % cut	85	80	75	90	82	85	90	97	93	85	82
Week ending June 15											
Days Suitable for fieldwork:	4.5	5.5	4.0	5.5	6.0	6.5	7.0	6.5	6.5	5.75	
Soil Moisture %											
Short	0	15	0	20	30	5	80	75	60	32	
Adequate:	85	65	60	80	70	85	20	25	40	59	
Surplus	15	20	40	0	0	10	0	0	0	9	

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June 18, 1984

PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE
May	4.44	4.04	4.85	5.89	5.97	5.51	4.57	3.97	4.23
Departure	+0.07	-0.06	-0.04	+1.61	+1.83	+0.74	+0.02	-0.35	-0.01

Station	Week ending Monday, 6 A.M., June 18					:Dept. from normal
	: Temperatures		: Precipitation			
	: Maxi- : mum	: Mini- : mum	: Aver- : age	: Current : week	: Accumulation since : April 3	
Rockford	: 91	: 54	: 70.9	: .72	: 9.41	: -0.81
Chicago O'Hare	: 92	: 51	: 71.7	: .30	: 9.71	: 0.87
Moline	: 93	: 59	: 76.1	: .14	: 12.38	: 2.03
Quincy	: 94	: 62	: 79.2	: .08	: 14.22	: 3.98
Peoria	: 92	: 58	: 76.9	: .37	: 12.11	: 2.51
Watseka	: 93	: 57	: 75.1	: .22	: 12.41	: 1.53
Springfield	: 93	: 59	: 79.0	: 1.52	: 13.24	: 3.28 3.38
Decatur	: 93	: 59	: 77.2	: .05	: 8.90	: -1.60
St. Louis	: 93	: 70	: 83.5	: 0	: 11.73	: 2.75
Brownstown	: 94	: 60	: 80.4	: .09	: 10.91	: 1/
Dixon Springs	: 93	: 65	: 79.7	: .46	: 10.22	: 1/

1/ Historical normal rainfall not available.

Station	: Week ending Monday, 6 A.M., June 18	
	: Average Daily Soil Temperature	
	: 4-inch Bare Soil	
	: Maximum	: Minimum
Elizabeth	: 79	: 67
Elwood	: 82	: 66
Watseka	: 82	: 71
Peru	: 74	: 67
Monmouth	: 85	: 73
Perry	: 82	: 69
Kilbourne	: 85	: 71
Urbana	: 83	: 73
Humboldt	: 88	: 71
Brownstown	: 87	: 71
Belleville	: 87	: 71
Dixon Springs	: 100	: 79
Olive Branch	: 90	: 75

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

	April	May	May 29- June 4	June 5-11	June 12-18
Chicago	-3	-4	-4	+10	+3
Peoria	-2	-3	-5	+7	+6
Springfield	-3	-3	-5	+8	+6
St. Louis	-2	-2	-4	+8	+8

PRECIPITATION:
First figure--Current week, June 12-18
Parentheses--Previous week, June 5-11
M--Missing. T--Trace

