

ILLINOIS WEATHER & CROPS



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CROPS

Heavy rains over much of the southern one-third of Illinois continued to slow the final plantings of corn, soybeans and sorghum. The northern one-third of the State received some much needed rain, but more rain is needed. For the week, an average of 3.50 days were rated suitable for fieldwork. Crop conditions were mostly good over the State, but currently Northern Illinois could use additional moisture and Southern Illinois needs drier field conditions to complete crop plantings.

The average height of all CORN that has emerged on June 16 was 24 inches compared to 12 inches last year and the 5-year (1980-1984) average of 16 inches. The average height of the most advanced fields was 38 inches compared to 20 inches last year and the average of 25 inches. Condition of the crop on June 14 was reported as 21% excellent, 8% good, and 11% fair.

SOYBEAN planting as of June 16 was 94% complete, compared with 91% for both last year and the 5-year average (1980-1984). Condition of the crop on June 14 was reported as 11% excellent, 73% good, 15% fair and 1% poor. The crop was reported as 85% of a full stand compared to 78% a year ago.

WINTER WHEAT condition on Friday, June 14, was 10% excellent, 65% good, 19% fair, and 6% poor. As of June 16, 98% of the acreage had filled, compared to 84% last year and the 5-year (1980-1984) average of 94%. Eighty percent of the acreage was turning yellow, compared to 39% last year and the average of 64%. Twenty-five percent of the acreage was ripe compared to 3% last year and the average of 12%.

SORGHUM planting on June 16 was 70% complete compared to 83% last year and the 5-year average of 71%.

OATS condition on June 14 was reported as 10% excellent, 62% good, 25% fair and 3% poor. As of June 16, 90% of the acreage had headed, compared to 48% last year and the 5-year average of 57%. Sixty percent of the acreage had filled, compared to 19% last year and the average of 24%. Seven percent of the acreage was turning yellow compared to 2% last year and the average of 1%.

ALFALFA condition on June 14 was reported as 17% excellent, 60% good, and 23% fair. Ninety-six percent of the first crop was cut by June 16, compared to 83% last year and the 5-year average of 77%. Ten percent of the second crop was cut, compared to 5% last year and the average of 4%.

CLOVER HAY condition on June 14 was reported as 14% excellent, 66% good, 18% fair, and 2% poor. Seventy-five percent of the crop had been cut, compared to 73% last year and the 5-year average of 62%.

PASTURE condition on June 14 was reported as 16% excellent, 60% good, 21% fair and 3% poor.

SOIL MOISTURE on June 14 was reported as 38% short, 31% adequate, and 31% surplus.

WEATHER

PRECIPITATION fell over Northern Illinois last week after some time without, and Southern Illinois continued to receive above normal precipitation, while TEMPERATURES remained below normal over the entire State. Only the West, Central, and East Crop Reporting Districts received less than 1 inch of rain this past week. Temperatures were generally between 8 and 12° below normal. Maximum differences were found in Central and Northeastern Illinois.

The OUTLOOK for June 17-23 calls for scattered showers developing in the North Tuesday, and across the State Wednesday, turning fair Thursday and into the weekend. Temperatures will be below normal until mid-week, when temperatures will become near normal, with highs in the 70's and 80's and lows in the 50's and 60's.

MAY WEATHER SUMMARY

TEMPERATURES during the first week of May ran from about 3° above normal in the North, to 3° below normal in the South. By the second week temperatures had warmed up to 10 to 11° above normal in the North, but remained only 1 to 3° above normal in the South. After the 13th, temperatures cooled off considerably over the entire State. The average temperature in the North the 3rd week of May was near normal to 1° above normal while in the South temperatures average 3 to 4° below normal. Below normal temperatures prevailed through the 23rd. By Sunday, May 26, highs were in the upper 80's to the low 90's. Average lows ranged from around 50° North to the mid to low 50's over the remainder of Illinois. Average highs were generally around 80°. Mean temperatures were 1 to 3° above normal over the northern half of Illinois, and 1 to 3° below normal over Southern Illinois. Temperatures the last few days in May continued 2 to 4° below normal in Northern Illinois, and about 2 to 4° above normal in Southern Illinois.

PRECIPITATION, in general, across the State was below normal for the month of May. All districts averaged below normal precipitation for the month. The Northwest and Northeast Districts were approximately 3/4 of an inch below normal, while the remainder of the State, except some isolated areas, ran from 1.5 to 2.5 inches below normal. Some isolated areas did receive above normal precipitation; however, these were concentrated in extreme Southern Illinois. Areas receiving above normal precipitation included the Lawrenceville and Carbondale areas.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
	As of June 16										
Soybeans: % Planted	100	100	99	100	100	98	92	74	68	94	91
Alfalfa hay: % 1st crop cut:	97	96	92	96	99	96	97	93	87	96	77
	Week ending June 14										
Days suitable for fieldwork:	6.0	5.5	5.5	5.0	4.5	2.0	2.0	0.5	1.0	3.50	
Soil Moisture %:											
Short	100	90	55	45	60	0	0	0	0	38	
Adequate:	0	10	45	55	40	65	50	5	0	31	
Surplus :	0	0	0	0	0	35	50	95	100	31	

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 Midwest Agr. Weather Serv. Ctr. (W. Lafayette, Ind.) and National Weather Service Cooperative Observers.

May 14, 2 data omitted

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June 17, 1985

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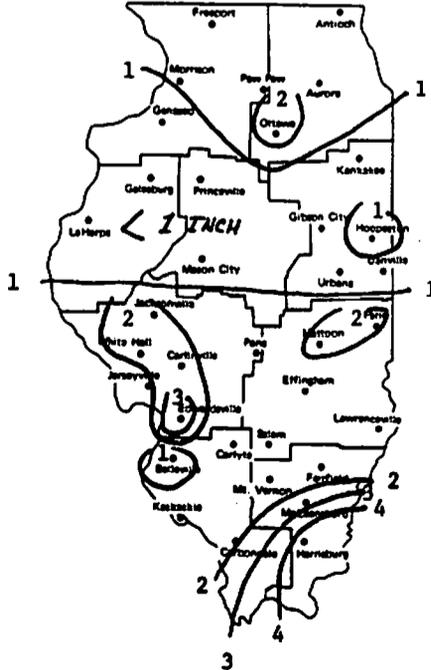
PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE
May	2.90	2.63	2.22	1.78	1.63	1.48	1.41	1.45	1.44
Departure	-.73	-.75	-1.54	-1.75	-1.94	-2.04	-2.24	-2.44	-2.51

Week ending Sunday, June 16, 1985

Location	Temperatures			Precipitation			Growing Degree Days (50 deg)			% Plant Avail.:	
	Maxi- mum	Mini- mum	Depar- ture	Curr. : week	Since : May 1	Departure : since May 1	Curr. : week	Since : May 1	Departure : since-May 1	0-6"	6-20"
Freeport	76	44	-7	1.30	5.95	-0.26	86	702	19	32	80
Paw Paw	78	45	-11	2.16	4.48	-1.57	80	654	-135	6	49
Antioch	78	38	-12	1.96	4.75	-0.83	84	628	-70	27	27
Galesburg	84	43	-9	0.27	4.60	-2.20	101	748	7	2	30
Walnut	80	43	-9	1.12	4.61	-1.44	92	675	-114	38	78
Mason City	86	46	-9	1.72	5.25	-0.28	109	840	17	0	29
Princeville	85	42	-7	0.54	7.09	1.06	101	710	-39	9	27
Kankakee	83	46	-6	1.20	3.24	-3.25	101	741	-13	27	27
Jacksonville	87	46	-10	3.18	7.14	1.61	94	738	-85	0	48
Pana	83	40	-11	1.57	6.40	-0.29	99	783	-52	0	52
Urbana	82	46	-10	1.80	5.43	-0.32	95	790	9	1	60
Carlinville	86	49	-9	2.30	6.48	0.21	108	840	-11	27	27
Effingham	85	48	-7	1.85	7.07	0.77	111	779	-57	31	56
Lawrenceville	87	47	-8	1.31	9.73	3.01	117	819	-62	30	74
Belleville	85	48	-8	0.60	6.99	1.58	121	869	-28	29	50
Carlyle	89	48	-6	1.49	8.24	2.25	130	874	-15	29	50
McLeansboro	87	46	-7	1.02	8.95	2.09	118	834	-122	75	93
Waskaskia	98	46	-4	1.31	8.46	2.00	136	879	-34	61	82
Van Buren Springs	87	46	-8	0.84	8.94	2.08	133	941	-15	27	27

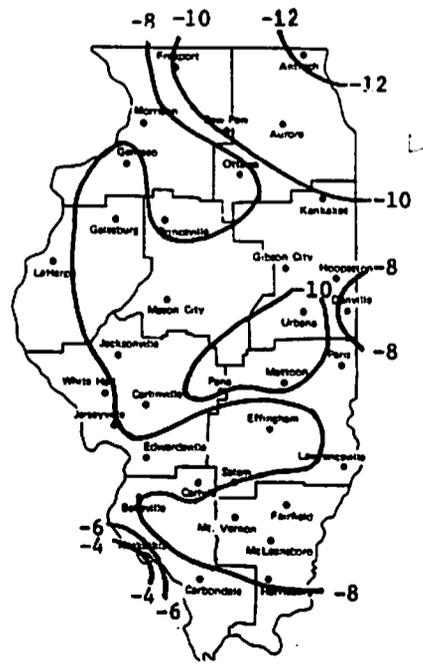
Soil moisture measurements is based on reading from closest station. Readings taken approximately May 31.
Missing data.



TOTAL PRECIPITATION
FOR WEEK ENDING
JUNE 16

MONTHLY TEMPERATURE DEPARTURES IN DEGREES

	Feb.	Mar.	April	May
Chicago	-6	+3	+4	+1
Peoria	-4	+6	+6	+3
Springfield	-5	+7	+4	+2
St. Louis	-3	+6	+5	+2



MEAN TEMPERATURE DEVIATIONS
FROM NORMAL FOR
WEEK ENDING JUNE 16