

ILLINOIS WEATHER & CROPS

ILLINOIS COOPERATIVE CROP REPORTING SERVICE

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CROPS

Harvest progress was almost stopped last week as heavy rain fell over the State. The only progress made was early in the week. Soils over the State are saturated by the rain and many areas report that the ground will have to freeze before harvest can be completed. Wheat seeding has also been stopped by the weather and emergence of the recently seeded wheat has been slow. For the week of November 9-15, an average of only 0.5 day was reported as suitable for fieldwork. The Southern Districts were the only areas of the State to report as much as one day suitable.

By November 17, 88% of the CORN acreage had been harvested for grain, compared to 87% last year and the 5-year average (1980-84) of 95%.

By November 17, 94% of the SOYBEAN acreage had been harvested, compared to 83% last year and the 5-year average (1980-84) of 96%.

By November 17, 80% of the SORGHUM acreage had been harvested for grain, compared to 64% last year and the 5-year average (1980-84) of 87%.

By November 17, 96% of the WINTER WHEAT acreage had been seeded, compared to 63% last year and the 5-year average (1980-84) of 91%. Eighty-six percent of the acreage had emerged, compared to 54% last year and the average of 86%. On November 15, condition of the crop that had emerged was reported as 14% excellent, 56% good, 29% fair and 1% poor.

PASTURE condition on November 15 was reported as 17% excellent, 69% good, 13% fair, and 1% poor. Pastures were supplying 52% of the total livestock roughage requirements, compared to 56% last year and the average of 38%.

SOIL MOISTURE on November 15 was reported as none short, 14% adequate, and 86% surplus.

WEATHER

The word for this past week is RAIN. The entire State has received between 2 and 4.23 in. except for extreme Northeast, where between 1 and 1.6 in. were received. Greatest amounts were 3.44 in. at Salem and 4.23 in. at McLeansboro. Several locations in the State have already set new high precipitation records for November (for example, Galesburg, Morrison and Princeville), although there are still 12 days in which more precipitation might be received. Morrison has received 9.18 in. through

the morning of the 18th, which is the greatest received anywhere in the State according to our preliminary records.

In the northwest fifth of the State TEMPERATURES were 1 or 2° below normal. The southern four-fifths of the State were above normal, by as much as 6 and 7° from Danville to Paris to Salem to Carlyle to Belleville.

The OUTLOOK FOR November 18-24 calls for cooling temperatures across the State into midweek, accompanied by lingering showers, mainly in the South. Chance of snow in the North and rain in the South again by Friday. Temperatures will warm slightly by the weekend.

OCTOBER WEATHER SUMMARY

The Statewide average monthly TEMPERATURE was 1.0° above normal. Temperatures ranged from 1° below normal in the North, to 3° above normal in the South. The Southwest District recorded the largest above normal variation (3.5° above normal), while the Northwest District recorded the largest below normal variation (1.1° below normal). A cool period which started during the last week of September continued into the second week of October. During the first half of the month, maximum readings were mainly in the 50's and 60's, and minimum readings were in the 30's and 40's. Freezing temperatures were reported in scattered areas throughout the northern half of the State. Even Cairo recorded a minimum reading of 36° on the 6th. Temperatures climbed above normal during the second half of the month, with maximum readings generally in the 60's and 70's. Cairo recorded a high of 85° on the 12th. However, readings dropped into the 50's by the end of the month.

PRECIPITATION averaged above normal in the State (1.32 in.). The Northern and the extreme Southern Districts received the most rain. The East-Southeast District was the only one that received below normal rainfall. The largest above normal variation was in the Northwest District (2.86 in. above normal). The area around Moline, in the Northwest District, had the greatest amount of rain with a monthly total of 8.54 in. The area near Mt. Olive, in the West-Southwest District, reported the least amount of rain with a monthly total of 0.51 of an inch. Scattered rainfall occurred during every week, with the heaviest rains occurring during the second half of the month. Chicago recorded the largest 6-hour rainfall total with 1.56 in. on the 19th.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
As of November 17											
Corn: % harvested	79	73	83	96	95	92	96	92	87	88	95
Soybeans: % harvested	91	93	84	98	99	94	99	95	84	94	96
Week ending November 15											
Days suitable for fieldwork:	0.5	0	0	0.5	0.5	0.5	1.0	1.0	1.5	0.5	
Moisture %:											
Short	0	0	0	0	0	0	0	0	0	0	
Adequate	5	0	10	20	15	20	30	10	15	14	
Surplus	95	100	90	80	85	80	70	90	85	86	

This is the last weekly Weather & Crop Bulletin for the 1985 season. The next regularly scheduled bulletin will be published about mid-December and monthly thereafter until the beginning of April 1986. The continued cooperation of our weekly crop reporters and weather reporters has made this service available to Illinois agriculture. The Illinois Cooperative Crop Reporting Service and the Weather Service contributors join in expressing our thanks for their faithful help.

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.

NEWSPAPER TIME VALUE

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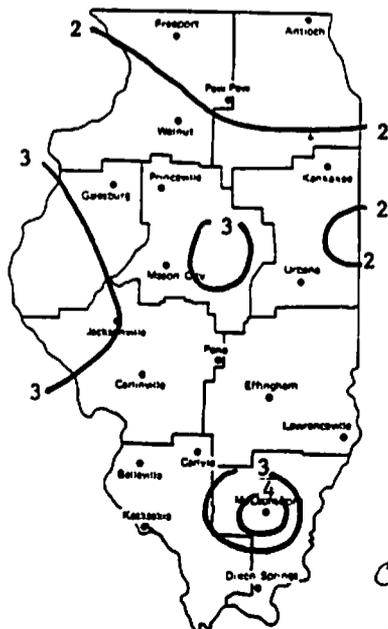
PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE
October	5.56	4.48	4.72	3.60	3.70	2.19	2.82	4.72	5.27
Departure	2.86	1.92	1.69	0.84	0.89	-0.79	0.05	1.87	2.51

Week ending Sunday, November 17, 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	Soil Moist. 1/ : 0-6" : 6-20"	
Freeport	55	27	-2	1.59	28.77	5.63	3	2826	-153	100	100
Paw Paw	54	29	-5	2.88	26.42	4.25	2	2720	-739	91	93
Antioch	51	28	3	2.68	29.76	7.79	0	2707	-566	27	27
Galesburg	59	29	1	2.17	21.05	-3.78	11	3127	-128	83	73
Walnut	27	27	27	27	27	27	27	27	27	91	93
Mason City	62	32	2	3.11	22.95	2.44	26	3446	-123	73	76
Princeville	61	26	-2	2.97	29.05	6.68	7	2891	-419	68	78
Kankakee	63	28	6	4.70	25.26	4.01	12	3095	-215	27	27
Jacksonville	64	31	0	3.90	31.25	10.74	20	3171	-398	77	90
Pana	69	32	5	1.53	19.86	-3.97	43	3446	-177	75	80
Urbana	67	31	5	2.56	26.02	3.51	36	3306	-109	35	63
Carlinville	65	35	4	2.18	23.42	1.83	36	3589	-87	77	90
Effingham	70	35	6	2.50	24.04	1.41	44	3518	-104	0	94
Lawrenceville	71	39	5	2.47	30.19	5.63	44	3532	-239	0	94
Belleville	71	32	7	2.40	22.03	1.88	49	3720	-179	0	81
Carlyle	72	39	7	2.60	20.45	-1.98	54	3759	-71	82	100
Macomb	73	42	4	4.23	29.47	6.46	42	3651	-361	35	99
Marion	72	40	5	2.71	22.57	-0.84	46	3883	-4	70	90
Dixon Springs	76	52	16	1.14	34.77	11.76	113	3979	-33	95	100

1/ Soil moisture measurements are based on readings from closest station. Readings taken approximately October 31.
2/ Missing data.

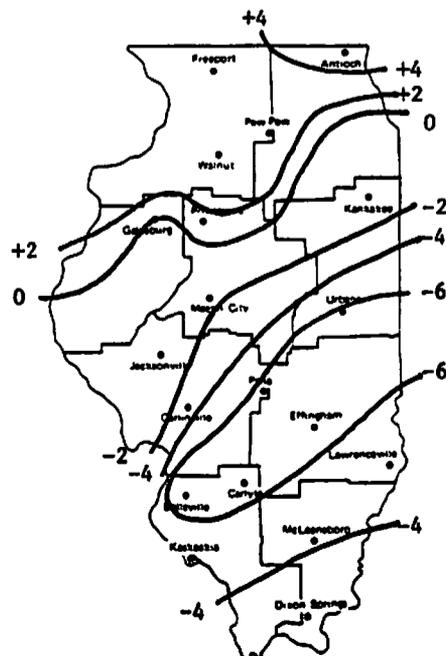


TOTAL PRECIPITATION
FOR WEEK ENDING
NOVEMBER 17

MONTHLY TEMPERATURE DEPARTURES IN DEGREES

	July	August	Sept.	Oct.
Chicago	-2	-3	+1	-1
Peoria	-1	-3	+1	+2
Springfield	-2	-4	0	+2
St. Louis	0	-2	+1	+4

	Nov	Dec	Jan
Chicago	-2	-11	+1
Peoria	-1	-9	+5
Springfield	+1	-9	+4
St. Louis	+2	-6	+6



MEAN TEMPERATURE DEVIATIONS
FROM NORMAL FOR
WEEK ENDING NOVEMBER 17