

ILLINOIS WEATHER & CROPS



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CROPS

The condition of most crops and pastures improved last week as widespread rain fell across the State. For the week of August 10-16, an average of 3.0 days was reported as suitable for fieldwork. Cutting of hay has been slowed by the rain.

On August 18, 85% of the CORN acreage was in the dough stage compared to 75% last year and the 5-year average (1980-84) of 79%. Forty-two percent of the acreage was dented, compared to 21% last year and the average of 36%. Condition of the crop on August 16 was reported as 40% excellent, 51% good, and 9% fair.

On August 18, 91% of the SOYBEAN acreage was setting pods, compared to 83% for both last year and the 5-year average (1980-84). Condition of the crop on August 16 was reported as 27% excellent, 67% good, and 6% fair.

ALFALFA condition on August 16 was reported as 25% excellent, 61% good, 12% fair, and 2% poor. On August 18, 55% of the third crop was cut, compared to 56% last year and the average of 48%.

SORGHUM condition on August 16 was reported as 19% excellent, 72% good, and 9% fair.

PASTURE condition on August 16 was reported as 21% excellent, 57% good, 15% fair and 7% poor.

SOIL MOISTURE on August 16 was reported as 7% short, 69% adequate, and 24% surplus.

WEATHER

TEMPERATURES were near normal through most of the State. The exceptions were the extreme southwest and northern sections of the State. The highs ranged from the low 80's in the north and central sections, and mid-90's in the extreme Southwest while the rest of the South was in the mid-80's. The lows ranged from the mid-50's in the North and the low to mid-60's in the rest of the State. The mean temperatures were below normal in the North, near normal in the mid-section and above normal in the Southwest.

Most of the State received above average RAINFALL except for a portion of Central Illinois. Precipitation was sporadic around the State which is typical of summer thunderstorm activity. Some precipitation extremes occurred at Belvidere (3.94"), Harrisburg (3.21") and Antioch (3.05"). On the other end of the scale was Effingham (0.64"), Carlyle (0.71"), Dixon Springs (0.87"), Galesburg (0.78") and Geneseo (0.85").

The OUTLOOK for August 19-25 calls for clearing skies Tuesday followed by fair and pleasantly warm days with cool nights. Temperatures will turn warmer by the weekend.

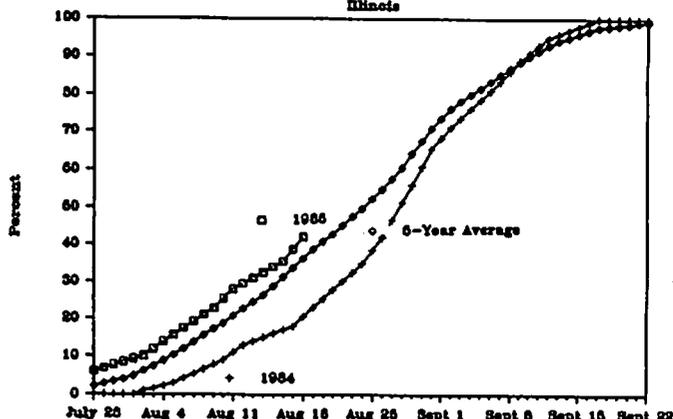
The EXTENDED OUTLOOK for August 19 to September 15 is for temperatures to be above normal and precipitation to be near normal.

JULY WEATHER SUMMARY

Average monthly TEMPERATURES were slightly below normal throughout the State, with an average of 0.8° below normal. The temperature ranged from 1 to 2° below normal in the northern half of the State, and slightly above normal in some southern areas. The Central District, around Springfield, recorded the largest below normal variation (2.2° below normal). The East-Southeast District recorded the largest above normal variation (0.6° above normal). Maximum readings were mainly in the 80's, with brief periods of above 90° temperatures occurring in the State. Minimum temperatures were in the 60's and 70's.

PRECIPITATION averaged slightly below normal in the State (-0.27 of an inch). The northern districts were slightly above normal, while the West District was slightly below normal. The southern districts were more than 1 inch below normal. The Northeast District had the largest above normal variation (0.66 inches above normal). The largest below normal variation was in the Southwest District (1.89 inches below normal). The area around McHenry, in the Northeast District, had the greatest amount of rain with a monthly total of 8.43 inches. The area near Lawrenceville, in the East-Southeast District, reported the least amount of rain with 0.71 of an inch. Scattered rainfall amounts varied widely over the State, with some areas recording more than an inch during a 24-hour period. Quincy recorded 3.50 inches of rain during a 6-hour period on the 31st.

Corn - Acreage Dented



ILLINOIS CROP REPORTING DISTRICT SUMMARY

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
As of August 18											
Corn: % Dented	42	20	53	47	40	50	38	50	42	42	36
Alfalfa: % 3rd crop cut	46	44	65	62	58	60	56	74	58	55	48
Week ending August 16											
Days Suitable for fieldwork:	3.5	4.0	2.0	2.5	3.0	2.5	3.0	4.0	3.5	3.00	
Soil Moisture %											
Short:	30	15	15	0	0	0	0	0	10	7	
Adequate:	70	85	80	85	75	40	70	60	55	69	
Surplus:	0	0	5	15	25	60	30	40	35	24	

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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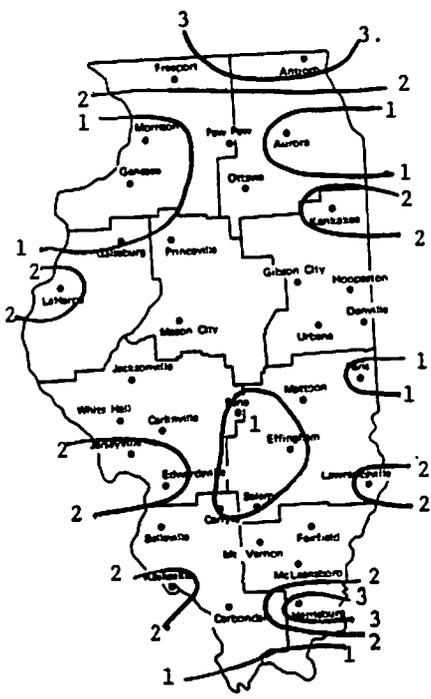
PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE
July	3.40	3.70	3.23	3.75	3.55	3.57	1.40	2.56	1.76
Departure	0.05	0.66	-0.25	0.60	0.65	0.38	-1.59	-1.09	-1.87

Week ending Sunday, August 18, 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	Soil Moist. 1/ 0-6" : 6-20"
Freeport	87	48	-2	2.22	14.06	-0.01	133	1976	-51	39 85
Paw Paw	85	53	-6	1.09	11.12	-2.93	129	1879	-414	73 74
Antioch	85	50	-4	3.05	13.28	-0.50	132	1864	-313	27 27
Galesburg	85	61	-2	0.78	10.36	-5.52	150	2155	-43	65 52
Walnut	27	27	27	27	27	27	27	27	27	50 63
Mason City	86	60	0	1.09	12.33	-0.54	170	2306	-62	28 44
Princeville	91	53	-3	1.76	15.59	1.60	138	1972	-255	20 22
Kankakee	87	55	-2	2.26	12.09	-2.76	145	2085	-109	27 27
Jacksonville	88	59	-1	1.45	16.78	3.91	163	2102	-266	72 85
Pana	88	61	0	0.04	12.58	-2.70	178	2248	-125	40 65
Urbana	88	60	0	1.86	17.03	2.69	160	2230	-43	78 84
Carlinville	90	5	-5	1.99	14.58	0.95	163	2363	-48	50 66
Effingham	91	62	1	0.64	14.80	0.45	182	2296	-78	24 57
Lawrenceville	93	59	1	2.01	15.17	-0.31	177	2309	-143	61 92
Belleville	92	63	-1	1.05	14.20	1.56	177	2428	-136	5 29
Carlyle	92	63	0	0.71	13.37	-0.66	182	2452	-39	35 61
McLeansboro	92	61	-1	1.57	15.69	1.41	180	2383	-206	69 95
skaskia	98	64	4	2.90	16.76	2.24	185	2443	-78	82 74
xon Springs	92	64	0	0.87	19.81	5.53	190	2583	-6	82 91

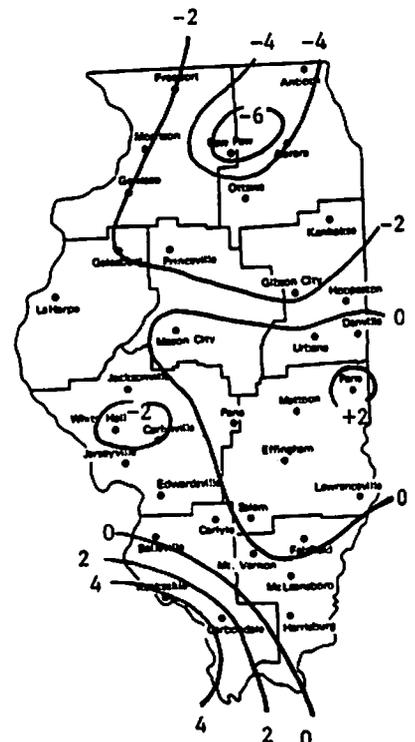
1/ Soil moisture measurements are based on readings from closest station. Readings taken approximately August 16.
2/ Missing data.



TOTAL PRECIPITATION
FOR WEEK ENDING
AUGUST 18

MONTHLY TEMPERATURE DEPARTURES IN DEGREES

	April	May	June	July
Chicago	+4	+1	-5	-2
Peoria	+6	+3	-3	-1
Springfield	+4	+2	-3	-2
St. Louis	+5	+2	-3	0



MEAN TEMPERATURE DEVIATIONS
FROM NORMAL FOR
WEEK ENDING AUGUST 18