

ILLINOIS WEATHER & CROPS

ILLINOIS AGRICULTURAL STATISTICS SERVICE

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



ILLINOIS STATE WATER SURVEY

Illinois Department of Energy and Natural Resources

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RELEASED: SEPTEMBER 8, 1986, 3 P.M., CDT

VOL. 7 NO. 26

CROPS

WEATHER

Corn and soybeans continued to make rapid progress toward maturity last week, aided by warm, dry weather. Harvest was underway in some areas of the State, but still on a rather selective basis. There was an average of 6.5 days rated as suitable for fieldwork over the State. Hay harvest is winding up in most areas, as farmers are preparing harvest equipment for corn and soybeans.

On September 7, 95% of the CORN acreage was in the dent stage, compared to 88% last year and the 5-year average (1981-85) of 84%. Fifty percent of the acreage was mature, compared to 23% last year and an average of 25%. Four percent of the acreage has been harvested for grain, compared with none for both last year and the average. Condition of the crop on September 5 was reported as 49% excellent, 49% good, and 2% fair.

SOYBEANS, on September 7, had 60% of the acreage turning yellow, compared to 40% last year and the 5-year average of 39%. Thirty-five percent of the acreage was shedding leaves, compared to 13% last year and the 5-year average of 15%. Three percent of the acreage has been harvested compared with none for both last year and the average. Condition of the crop on September 5 was reported as 25% excellent, 64% good, and 11% fair.

SORGHUM, as of September 7, had 75% of the acreage turning color and 30% of the acreage was mature. Two percent of the acreage has been harvested compared with none for both last year and the average. Condition of the crop on September 5 was reported as 22% excellent and 78% good.

ALFALFA condition, on September 5, was reported as 12% excellent, 65% good, 22% fair and 1% poor. Ninety percent of the third crop has been cut, compared to 86% last year and the average of 83%.

WHEAT condition on September 5 was rated as 6% excellent, 43% good, 38% fair, 12% poor, and 1% very poor.

SOIL MOISTURE on September 5 was reported as 63% short and 37% adequate.

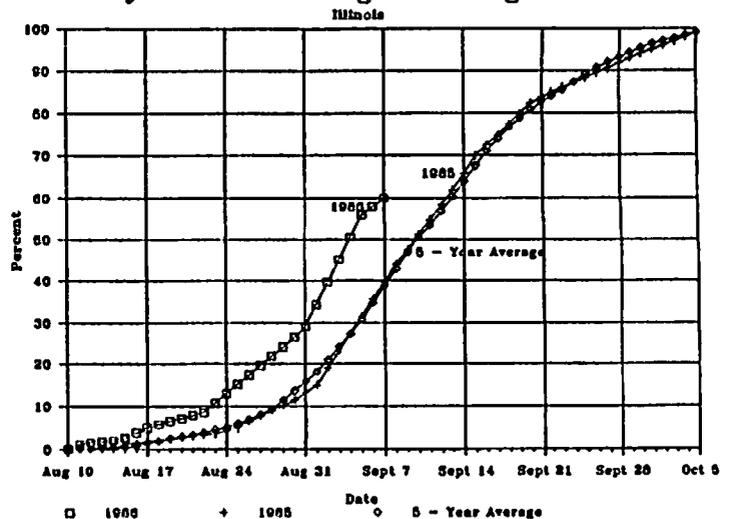
TEMPERATURES were generally 6°F below normal in the northern third of the State and 3 to 4°F below normal in the South. Frost was visually reported at several locations in the northern half of the State on the morning of September 8. Normal first frost in Northern Illinois is the first week of October. Average first frost in Central Illinois is the third week of October, and that for the South is the end of October.

PRECIPITATION: The lack of rain continues in Illinois, except for the far South. The only totals for the last week over one inch were 1.52 inch at Carlyle, 1.21 inch at Kaskaskia and 1.14 inch at Salem. Except for two stations in Southern Illinois, rainfall for the week was less than 0.01 inch.

The **OUTLOOK** for Wednesday thru Friday is calling for a chance of showers daily. Temperatures will be seasonal.

The 6 to 10-day extended outlook for September 13th to the 17th is calling for cooler than usual temperatures in the Northeast and normal readings elsewhere. Precipitation will be less than usual.

Soybeans - Acreage Turning Yellow



ILLINOIS CROP REPORTING DISTRICT SUMMARY

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
As of September 7											
Corn: % dented	90	80	98	99	96	98	99	99	96	95	84
Soybeans: % turning yellow	50	40	60	75	55	60	70	55	55	60	39
Week ending September 5											
Days suitable for fieldwork:	6.5	6.5	7.0	6.5	7.0	7.0	6.5	6.5	6.5	6.5	
Soil moisture %:											
Short	15	80	60	95	95	80	80	40	30	63	
Adequate	85	20	40	5	5	20	20	60	70	37	
Surplus	0	0	0	0	0	0	0	0	0	0	

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.

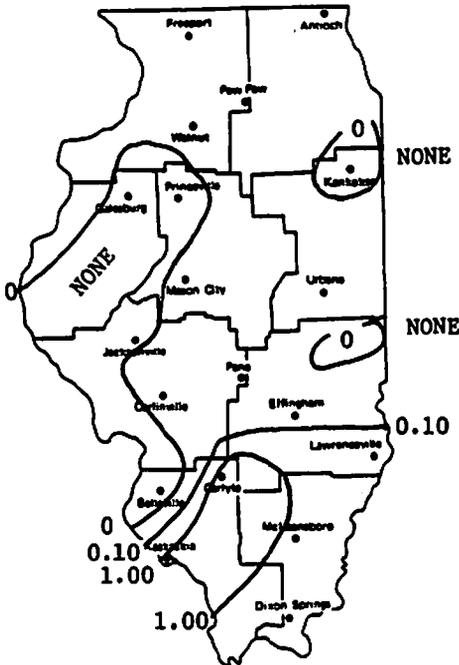
Illinois Weather & Crops
September 8, 1986

Illinois Weather & Crops (ISSN 0273-8635) is published weekly April-November, semiweekly the second week of June, monthly December-March, by the Illinois Dept. of Agriculture, Illinois Agricultural Statistics Service, Room 54, Department of Agriculture Bldg., 801 Sangamon Ave., Springfield, IL 62702. For information on subscribing, send request to the above address. Second-class postage paid at Springfield, Illinois. Postmaster: Send Address Change to Illinois Weather & Crops, P.O. Box 19283, Springfield, IL 62794-9283

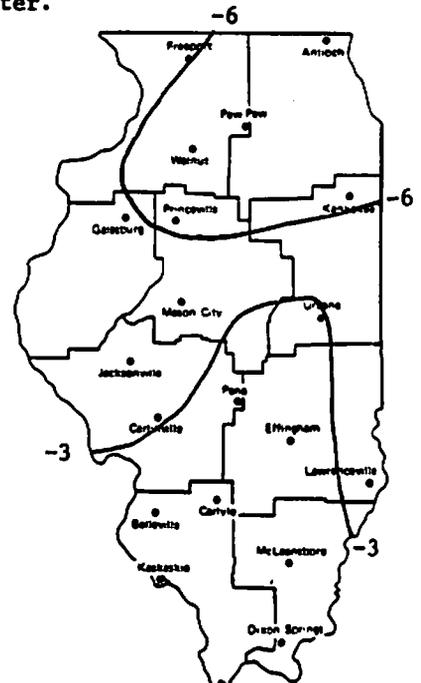
Week ending Sunday, September 7, 1986

Location	Temperatures			Curr. : week	Precipitation : Since : May 1	Departure		Growing Degree Days (50 deg)	
	Maxi- : mum	Mini- : mum	Departure : ture			Curr. : week	Since : May 1	Departure	
Elizabeth	72	44	-7	0.00	16.40	-0.78	86	2131	-211
Rockford	75	48	-4	0.01	14.08	-3.59	102	2403	30
Chicago	76	54	-2	0.14	12.11	-3.32	115	2366	-18
Chi Botanical	74	52	-5	0.12	26.61	NA	104	2108	-491
Elwood	77	49	-3	0.00	13.77	-2.84	113	2424	-1
Watseka	79	48	-3	0.06	23.41	5.81	115	2458	-93
Peru	75	49	-6	0.05	20.19	3.98	103	2488	-164
Moline	77	51	-3	0.16	21.59	3.34	111	2639	38
Peoria	77	53	-3	0.04	19.05	2.90	115	2710	79
Kilbourne	79	51	-4	0.04	17.52	0.30	119	2793	22
Monmouth	76	51	-4	0.27	17.38	0.64	107	2504	-149
Quincy	78	54	-3	0.13	20.93	3.15	121	2794	3
Perry	78	50	-5	0.08	11.01	-5.50	116	2716	-124
Springfield	78	54	-3	0.07	17.17	2.46	121	2894	68
Decatur	79	54	-3	0.00	17.05	-0.33	127	2851	22
Urbana	79	53	-3	0.03	15.65	-0.79	127	2711	17
Windsor	80	55	-2	0.11	14.00	-2.66	132	2793	-42
Terre Haute	81	52	-3	0.10	12.63	-3.81	123	2731	6
St Louis	81	58	NA	0.16	11.76	NA	144	3174	NA
Belleville	81	56	-2	0.05	11.73	-3.68	138	2952	15
Brownstown	82	59	0	0.46	14.82	-2.19	146	3001	158
Iuka	79	55	-4	1.37	14.38	-0.91	129	2835	-119
Lawrenceville	78	55	NA	0.38	22.81	NA	121	2893	NA
Vincennes	80	54	-3	0.10	19.80	2.27	125	2850	-14
Dixon Springs	84	61	0	0.14	20.92	4.55	156	3054	-3
Paducah	82	60	-2	0.06	21.20	4.19	147	3174	66
Olive Branch	83	57	-2	0.05	15.08	-2.42	142	3026	-9
Carbondale	81	56	-3	0.13	17.35	0.42	135	2973	0
C Girardeau	81	61	NA	0.00	20.40	NA	146	3233	NA

NOTE: Because of computer problems at the Illinois State Water Survey, the data in this table is provided by the Midwest Agricultural Weather Service Center.



TOTAL PRECIPITATION
FOR WEEK ENDING
SEPTEMBER 7



TEMPERATURE DEVIATIONS
FROM NORMAL FOR
WEEK ENDING SEPTEMBER 7