

ILLINOIS WEATHER & CROPS



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ILLINOIS DEPARTMENT OF AGRICULTURE



NATIONAL OCEANIC AND
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CROPS

The harvesting of corn, soybeans, and sorghum is progressing at an above-normal rate. The soil moisture supplies decreased during the week as very limited rainfall was received. The Northeast District was the only district reporting surplus moisture. Farmers were also chopping corn silage, mowing weeds, baling hay, working set-aside acres, seeding alfalfa and CRP acres, preparing machinery and buildings for harvest, spreading fertilizer and lime, preparing ground for winter wheat, and tending to livestock. Some farmers are harvesting a fourth cutting of alfalfa and some are already fall plowing. Some areas are reporting downed corn from stalk rot, and low corn test weights and small kernels. For the week of September 5-11, there was an average of six and one-quarter days reported as suitable for fieldwork. All districts reported six or more days suitable, except the Northwest and Central Districts.

By September 13, 95% of the CORN acreage was mature compared to 83% last year and the 5-year average (1982-86) of 57%. Sixteen percent of the corn acreage was harvested, compared to 7% last year and the average of 3%. Condition of the corn crop on September 11 was reported to be 17% excellent, 62% good, 19% fair, and 2% poor.

By September 13, 84% of the SOYBEAN acreage was turning yellow compared to 82% last year and the average of 69%. Sixty-two percent of the soybean crop had started shedding leaves, compared to 56% last year and the average of 39%. Fourteen percent of the soybean crop was harvested, compared to 8% last year and the average of 3%. Condition of the soybean crop on September 11 was reported to be 5% excellent, 62% good, 32% fair, and 1% poor.

Condition of the SORGHUM crop on September 11 was rated as 9% excellent, 68% good, and 23% fair. By September 13, 95% of the sorghum acreage was turning color compared to 82% last year. Seventy-two percent of the sorghum crop was mature compared to 47% last year. Fifteen percent of the sorghum acreage was harvested, ahead of both last year and the average.

By September 13, the third cutting of ALFALFA HAY was 90% complete, compared to 86% last year and the average of 91%. Condition of the crop on September 11 was reported as 13% excellent, 62% good, 18% fair, 6% poor, and 1% very poor.

PASTURE condition on September 11 was reported to be 10% excellent, 40% good, 30% fair, 16% poor, and 4% very poor.

SOIL MOISTURE on September 11 was reported as 58% short, 39% adequate, and 3% surplus.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

District	: Soybean acreage %		: Corn acre-:Days suit-: age % : able for :		Soil moisture percent	
	: turning yellow:	: harvested:	: fieldwork:	Short	: Adequate:	Surplus
	: Week ending September 13		: Week ending September 11			
Northwest	: 80	5	5.0	5	95	0
Northeast	: 55	3	6.0	15	55	30
West	: 85	15	6.0	50	50	0
Central	: 95	25	5.5	55	45	0
East	: 85	15	6.0	40	60	0
West-Southwest	: 90	25	7.0	80	20	0
East-Southeast	: 90	20	6.5	80	20	0
Southwest	: 80	30	7.0	90	10	0
Southeast	: 80	20	7.0	100	0	0
State	: 84	16	6.25	58	39	3
5-Yr. Avg.	: 69	3				

PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE
August	9.01	10.56	4.27	2.25	1.58	2.78	0.72	2.07	1.29
Departure	5.34	7.04	0.57	-1.06	-1.72	-0.66	-2.57	-1.65	-2.20

AUGUST WEATHER SUMMARY

The Statewide average monthly **TEMPERATURE** was 0.7 degrees above normal as temperatures ranged from -2 degrees below normal to 3 degrees above normal. The warmest portion of the State was again in the west section (near Galesburg). The coolest area was in a small area in the Southeast District (near Salem). The month started with temperatures above normal, as maximum readings climbed near the 100-degree mark. During the second week, a cool spell developed and sent temperatures slightly below normal. Most of the State continued near normal through the end of the month.

PRECIPITATION averaged slightly above normal in the State (0.34 of an inch above normal). This broke a nine-month dry spell in the North. However, the southern two-thirds of the State remained below normal. The largest above normal variation was in the Northeast District (7.04 inches above normal). The largest below normal variation was in the East-Southwest District (-2.57 inches below normal). The first two weeks were dry with scattered showers. Showers and thunderstorms deluged the northern portions of the State on the 14th. Rainfall amounts ranged from 4 to 9 inches during a 24-hour period in the Northeast District. At O'Hare Airport, in Chicago, 9.35 inches fell during a 24-hour period and set a new record. Severe flooding resulted. During the last week of the month, many northern areas received 1 to 3 more inches. Total rainfall amounts in this area were 13 to 17 inches. The South again recorded below normal rainfall. Some areas in the Southeast District received less than 0.10 of an inch.

The **OUTLOOK** for the rest of September is for temperatures to be above normal, and precipitation will be below normal.

The **90-DAY OUTLOOK** from September thru November is for temperatures to be near normal and precipitation to be above normal.

WEATHER

TEMPERATURES WERE QUITE VARIABLE ACROSS THE STATE DURING THE PAST WEEK. WEEKLY AVERAGES RANGED FROM A DEGREE OR TWO ABOVE NORMAL IN URBAN AREAS NORTH, WHILE RURAL SECTIONS AVERAGED NORMAL TO A DEGREE OR TWO BELOW NORMAL. IN THE SOUTH, READINGS GENERALLY AVERAGED 2 TO 4 DEGREES WARMER THAN USUAL. TEMPERATURE EXTREMES WERE WIDE, RANGING FROM SOME AFTERNOON HIGHS IN THE SOUTH IN THE MIDDLE 90'S ON THE 8TH TO MORNING LOWS IN THE NORTH IN THE LOWER 40'S ON THE 14TH.

PRECIPITATION WAS WIDESPREAD, BUT RATHER LIGHT, GENERALLY AVERAGING A TENTH TO A QUARTER INCH, ALTHOUGH THERE WERE A FEW REPORTS IN THE SOUTH IN EXCESS OF AN INCH.

THE **EXTENDED FORECAST**, WEDNESDAY THROUGH FRIDAY, IS CALLING FOR A CHANCE OF SHOWERS DAILY AS A MAJOR STORM CENTER SPAWNS IN THE CENTRAL PLAINS AT MIDWEEK AND DRIFTS EASTWARD.

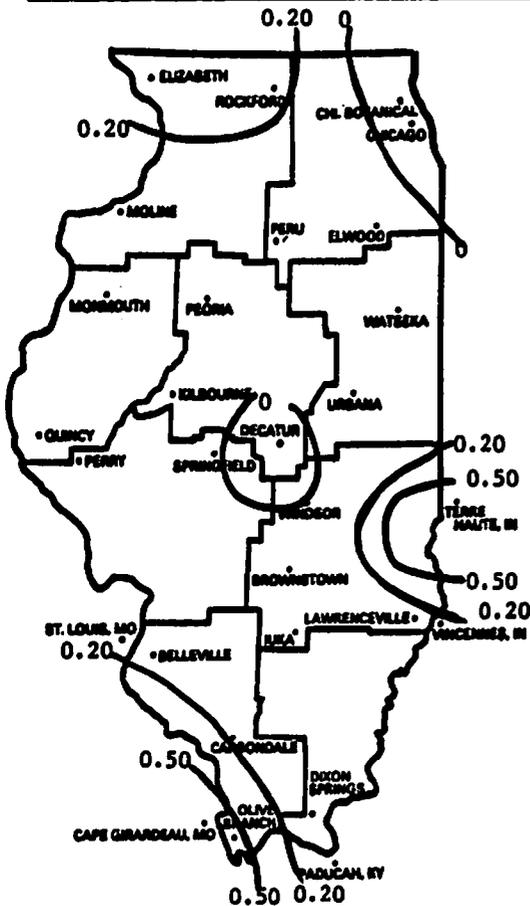
Week ending 8 A.M. Monday, September 14, 1987

Location	: Temperatures :			Precipitation			: Growing Degree Days(50F)		
	: Maxi- : mum	: Mini- : mum	: Deapar- : ture	: Curr.: : week	: Since: : May 1:	: Departure : since : May 1:	: Curr.: : week	: Since : May 1:	: Departure : since : May 1:
ELIZABETH	74	47	-2	0.24	13.96	-3.90	93	2658	234
ROCKFORD	75	52	0	0.20	25.25	6.85	107	2850	390
CHICAGO	78	56	1	0.00	25.00	8.90	128	2934	455
CHI BOTANICAL	76	54	-1	0.00	22.35	5.64	115	2725	23
ELWOOD	79	52	0	0.08	18.00	0.78	120	2886	366
WATSEKA	82	54	1	0.06	15.15	-3.10	136	2918	268
PERU	78	54	0	0.06	17.01	0.13	122	2930	178
MOLINE	76	54	0	0.13	22.57	3.58	111	3068	372
PEORIA	79	56	1	0.09	12.14	-4.73	132	3110	379
KILBOURNE	83	53	0	0.02	10.54	-7.30	137	3168	308
MONMOUTH	77	53	-1	0.18	11.75	-5.81	112	2987	222
QUINCY	78	55	0	0.18	15.50	-3.10	124	3194	295
PERRY	79	56	0	0.13	11.95	-5.26	130	3013	61
SPRINGFIELD	83	57	1	0.13	12.19	-3.12	148	3289	352
DECATUR	83	57	1	0.00	15.57	-2.46	148	3186	241
URBANA	83	57	2	0.04	17.51	0.46	146	3114	313
WINDSOR	83	62	3	0.28	12.53	-4.71	160	3188	238
TERRE HAUTE	82	57	1	0.65	15.68	-1.36	145	3141	306
ST LOUIS	82	62	NA	0.18	15.94	NA	163	3573	NA
BELLEVILLE	83	61	2	0.13	16.75	0.71	160	3333	277
BROWNSTOWN	87	58	3	0.11	10.53	-7.09	159	3326	368
IUKA	87	56	2	0.01	13.25	-2.60	152	3169	95
LAWRENCEVILLE	86	60	NA	0.07	12.74	NA	162	3258	NA
VINCENNES	85	60	3	0.10	14.15	-3.98	164	3275	293
DIXON SPRINGS	88	62	3	0.03	15.78	-1.31	173	3401	199
PADUCAH	89	63	4	1.28	10.50	-7.18	175	3554	314
OLIVE BRANCH	87	61	3	0.40	11.87	-6.29	168	3473	309
CARBONDALE	86	60	3	0.02	13.63	-3.91	165	3281	185
C GIRARDEAU	88	63	NA	0.69	16.81	NA	174	3598	NA

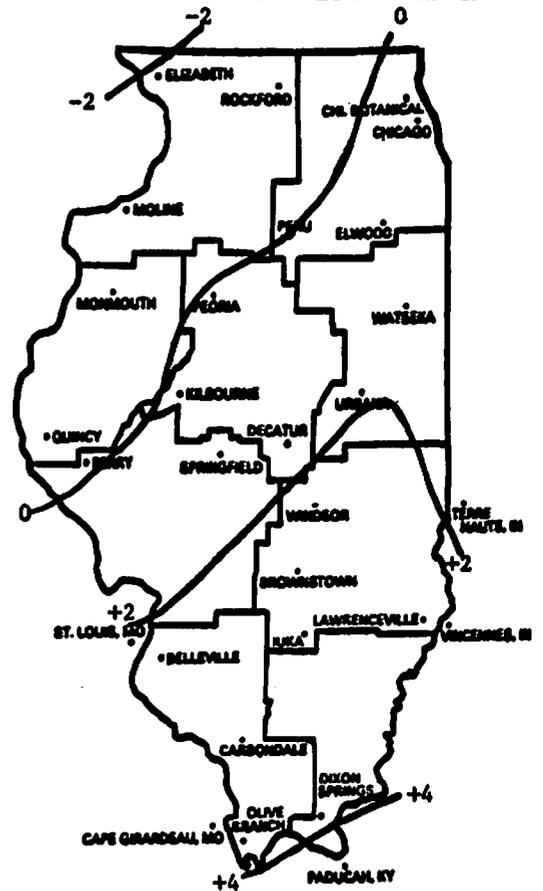
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PRECIPITATION (INCHES)
SEPTEMBER 8-14, 1987



TEMPERATURE DEPARTURE FROM
AVERAGE (°F) SEPTEMBER 8-14, 1987

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 the Illinois State Water Survey, IDE&NR, Champaign, Ill.; and National Weather Service Cooperative Observers, NOAA, Rosemont, Ill.