

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

Box 19283, Springfield, IL 62784-8283

Phone: (217) 492-4295

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



**NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION**

Midwest Agricultural
Weather Service Center
Purdue University
West Lafayette, Indiana 47907
Phone: (317) 743-2272



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CROPS

Good field and weather conditions this fall have made it a record-setting season. The harvesting of corn, soybeans, and sorghum is finishing up in record time compared to historical averages. Last week farmers were also sowing wheat, applying fertilizer, repairing machinery, cleaning equipment, finishing hay baling, picking apples, hauling water, caring for livestock, and fall discing and plowing. Soil moisture supplies decreased during the past week. Almost all districts in the southern two-thirds of the States reported substantial shortages of soil moisture and water. There were no reports of surplus soil moisture over the State. For the week of October 3-9, there was an average of six and three-quarter days reported as suitable for fieldwork.

By October 11, 81% of the **CORN** acreage was harvested compared to 35% last year and the 5-year average (1982-86) of 36%.

By October 11, 93% of the **SOYBEAN** acreage was harvested compared to 36% last year and the average of 60%.

By October 11, 90% of the **SORGHUM** crop was harvested compared to 38% last year and the average of 39%.

By October 11, 65% of the **WINTER WHEAT** acreage was seeded, compared to 16% last year and the average of 38%. Eighteen percent of the winter wheat acreage had emerged compared to 10% last year and the average of 15%.

PASTURE condition on October 9 was reported to be 6% excellent, 38% good, 35% fair, 19% poor, and 2% very poor.

SOIL MOISTURE on October 9 was reported as 62% short and 38% adequate.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

District	: Corn		: Soybean		: Days suit-:		Soil	
	: acreage %	: harvested	: acreage %	: harvested	: able for	: fieldwork:	: Short	: Adequate: Surplus
	: Week ending October 11				: Week ending October 9			
Northwest	: 55	85	6.5	15	85	0		
Northeast	: 50	80	6.5	15	85	0		
West	: 85	85	7.0	55	45	0		
Central	: 95	97	6.5	90	10	0		
East	: 90	97	6.5	60	40	0		
West-Southwest:	95	95	7.0	80	20	0		
East-Southeast:	95	99	6.5	90	10	0		
Southwest	: 95	90	7.0	50	50	0		
Southeast	: 90	90	7.0	100	0	0		
State	: 81	93	6.75	62	38	0		
5-Yr. Avg.	: 36	60						

PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE
September	2.01	1.01	2.97	1.49	2.73	1.64	2.01	1.31	1.19
Departure	-1.63	-2.53	-0.86	-1.95	-0.47	-1.61	-1.16	-2.03	-2.04

SEPTEMBER WEATHER SUMMARY

The Statewide average monthly **TEMPERATURE** was 0.2 degrees above normal as temperatures ranged from -3 degrees below normal to 4 degrees above normal. The warmest portion of the State was the Southeast District. The coolest area was in the Northeast District. The month started with temperatures below normal, but a warm trend developed in the second week. Temperatures stayed near normal until the last week of the month when a cool spell developed and sent temperatures below normal. Minimum readings fell into the 40's during this week.

PRECIPITATION averaged below normal in the State (-1.59 inches below normal). The largest below normal variation was in the Northeast District (-2.53 inches below normal). The East District was near normal. The first week was dry. Scattered showers and thunderstorms occurred during mid-month. However, the heaviest rain fell during the 4th week. The area near Danville received the most rain during the month with a total of 4.27 inches.

The **OUTLOOK** for the rest of October is for temperatures and precipitation to be near normal.

The **90-DAY OUTLOOK** from October thru December is for temperatures to be below normal and precipitation to be above normal.

WEATHER

ILLINOIS TEMPERATURES RANGED FROM 7 TO 14 DEGREES BELOW NORMAL FOR THE WEEK ENDING OCTOBER 12. HIGHEST READINGS WERE ONLY IN THE MID-60'S TO LOW 70'S RANGE WHILE EXTREME LOWS PLUNGED TO AS LOW AS THE TEENS IN THE NORTHWEST CORNER OF THE STATE TO THE MID-20'S IN THE SOUTHERNMOST SECTIONS MONDAY MORNING. THE UNUSUAL COLD BROUGHT AVERAGE SOIL TEMPERATURES TO NEAR 50 DEGREES NORTH AND 60 IN THE EXTREME SOUTH. MINIMUMS FELL AS LOW AS THE UPPER 30'S TO UPPER 40'S RANGE AT THE FOUR-INCH DEPTH.

PRECIPITATION WAS INSIGNIFICANT IN NORTH AND CENTRAL SECTIONS WITH WEEKLY TOTALS MOSTLY LESS THAN A TENTH OF AN INCH. THE SOUTHWEST RECEIVED THE MOST WITH A FEW LOCATIONS REPORTING THREE-QUARTERS OF AN INCH TO AN INCH. A QUARTER TO HALF-INCH WAS MORE TYPICAL IN THE SOUTHEAST.

A BRIEF WARMING TREND EARLY THIS WEEK WILL BE FOLLOWED BY ANOTHER COLD FRONT WEDNESDAY NIGHT AND THURSDAY THAT COULD TRIGGER SCATTERED SHOWERS. A RETURN OF WARM AIR FRIDAY WILL BE FOLLOWED BY SHOWERS OR THUNDERSTORMS SATURDAY.

THE 6 TO 10 DAY OUTLOOK FOR OCTOBER 18 THROUGH 22 INDICATES MUCH ABOVE NORMAL TEMPERATURES IN ILLINOIS WITH NEAR NORMAL RAINFALL.

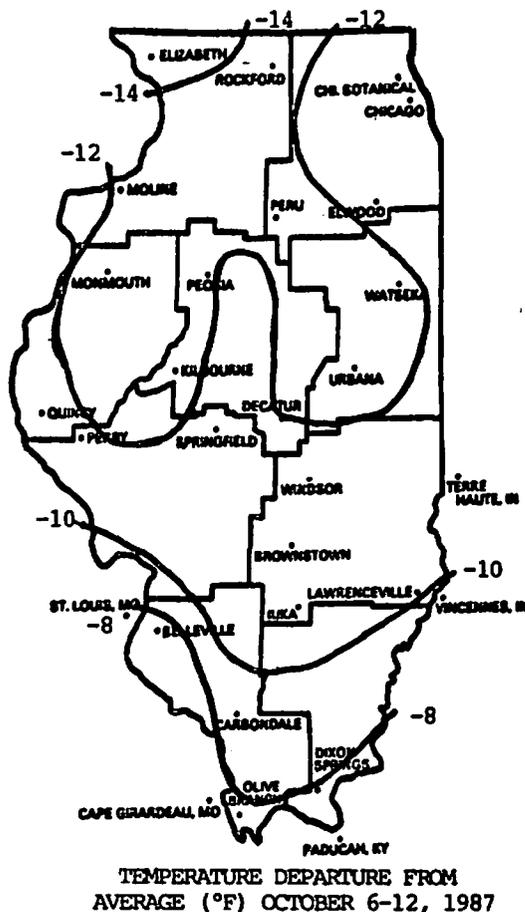
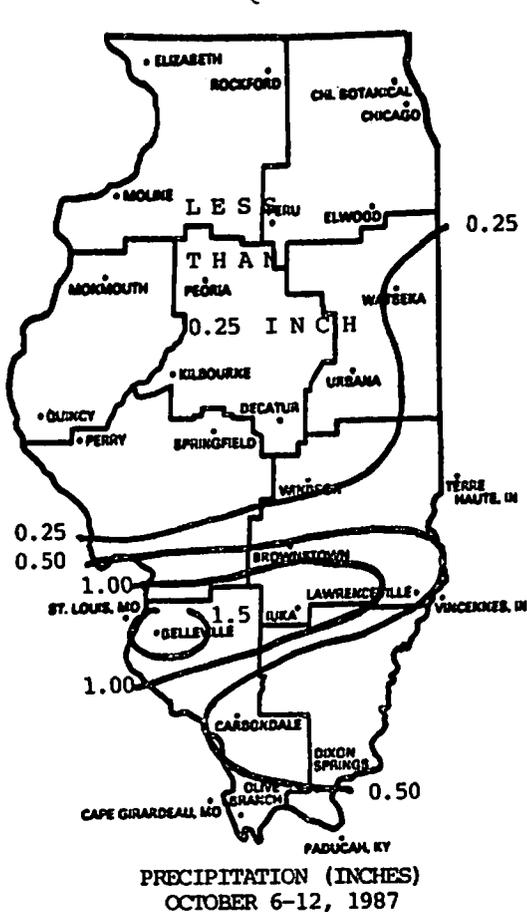
Week ending 8 A.M. Monday, October 12, 1987

Location	Temperatures			Precipitation			Growing Degree Days(50F)		
	Maxi- : mum	Mini- : mum	Deapar- : ture	Curr.: : week	Since: : May 1:	Departure : since	Curr.: : week	Since : May 1:	Departure : since
ELIZABETH	52	26	-14	0.00	15.61	-5.06	14	2903	191
ROCKFORD	52	31	-13	0.18	28.21	6.69	16	3122	377
CHICAGO	55	35	-11	0.04	25.98	7.23	22	3238	453
CHI BOTANICAL	55	37	-11	0.07	23.54	4.14	22	2999	-32
ELWOOD	56	35	-10	0.02	19.62	-0.25	25	3170	337
WATSEKA	55	33	-12	0.30	16.87	-4.12	23	3216	234
PERU	56	32	-12	0.18	19.40	-0.37	27	3232	142
MOLINE	55	34	-11	0.04	23.32	1.25	24	3387	378
PEORIA	56	37	-10	0.04	13.54	-6.27	27	3440	385
KILBOURNE	56	33	-13	0.00	11.40	-9.85	28	3530	282
MONMOUTH	55	31	-13	0.01	14.79	-5.85	26	3289	184
QUINCY	56	37	-11	0.03	17.32	-4.85	29	3528	273
PERRY	58	34	-12	0.03	13.52	-6.84	36	3355	27
SPRINGFIELD	58	38	-10	0.02	13.07	-4.86	37	3658	347
DECATUR	57	37	-12	0.09	16.54	-4.17	30	3540	204
URBANA	57	34	-12	0.07	19.59	0.01	28	3435	278
WINDSOR	56	38	-11	0.36	16.09	-3.61	27	3547	211
TERRE HAUTE	57	37	-11	0.42	17.89	-1.61	30	3487	282
ST LOUIS	61	41	NA	0.82	18.20	NA	44	3983	NA
BELLEVILLE	64	41	-7	1.55	19.55	0.97	53	3725	259
BROWNSTOWN	60	34	-12	0.36	13.10	-7.17	39	3718	364
IUKA	60	33	-13	1.23	16.77	-1.45	42	3541	61
LAWRENCEVILLE	58	35	NA	0.96	15.69	NA	33	3612	NA
VINCENNES	60	40	-9	0.31	16.64	-3.83	38	3659	275
DIXON SPRINGS	67	41	-7	0.52	18.96	-0.46	63	3836	184
PADUCAH	65	42	-8	0.43	12.45	-7.87	59	3990	292
OLIVE BRANCH	66	40	-8	0.55	14.68	-5.99	60	3909	304
CARBONDALE	64	37	-9	0.12	15.04	-4.84	54	3691	173
C GIRARDEAU	64	42	NA	0.50	19.60	NA	57	4019	NA

NEWSPAPER TIME VALUE

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