

# ILLINOIS WEATHER & CROPS



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U.S. DEPARTMENT OF AGRICULTURE  
ILLINOIS DEPARTMENT OF AGRICULTURE

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## CROPS

Corn and soybean harvest was delayed last week due to heavy rainfall in many areas. Harvest progress was most advanced in the Central portion of the State and the least advanced in the South. There are still reports of corn borer damage across the State. The Northern portion of the State experienced an unexpected snow, as well as rain. Meanwhile, winter wheat seeding was also delayed due to wet conditions. Last week, farmers were at a stand still due to rain, but harvested corn and soybeans when conditions were fit. For the week of October 6 - 12, there was an average of only one and three-quarter days suitable for fieldwork.

Twenty-three percent of the CORN crop had been harvested by October 14, compared to 48% last year and the average (1984-88) of 57%. Condition of the crop on October 12 was reported as 4% excellent, 82% good, 13% fair and 1% poor. Ninety-eight percent was mature by October 14, compared to 100% for both last year and the average.

Thirty-two percent of the SOYBEAN crop had been harvested by October 14, compared to 78% last year and the average of 72%. Condition of the soybean crop on October 12 was 4% excellent, 79% good, 16% fair and 1% poor. Ninety-seven percent of the acreage was turning yellow by October 14, compared to complete for both last year and the average. Ninety percent of the crop was shedding leaves, compared to complete for both last year and the average.

Condition of the SORGHUM crop on October 12 was 4% excellent, 60% good, 29% fair, and 7% poor. Ninety-two percent was turning color by October 14, compared to 100% last year. Sixty-four percent was mature, compared to 99% last year. Nine percent of the crop had been harvested, compared to 55% last year and the average of 59%.

By October 14, 25% of the WINTER WHEAT acreage was seeded, compared to 67% last year and the average of 58%. Ten percent of the winter wheat had emerged, compared to 25% last year and the average of 21%.

PASTURE condition, as of October 12, was reported as 18% excellent, 63% good, and 19% fair.

SOIL MOISTURE, as of October 12, was reported as 1% short, 42% adequate, and 57% surplus.

**ILLINOIS DISTRICT SUMMARY**

District	: Corn Acreage : % Harvested	: Soybean : Acreage % : Harvested	: Days : Suitable : For	: Soil		
				: Fieldwork	: Short:Adq.	: Surplus
				As of October 14	As of October 12	
Northwest	: 20	: 35	: 2.5	0	75	25
Northeast	: 15	: 25	: 1.5	0	60	40
West	: 35	: 30	: 3.0	10	60	30
Central	: 40	: 40	: 2.0	0	55	45
East	: 25	: 50	: 1.0	0	25	75
W Southwest	: 25	: 30	: 2.0	0	40	60
E Southeast	: 10	: 30	: 1.0	0	20	80
Southwest	: 15	: 20	: 1.5	0	10	90
Southeast	: 5	: 4	: 1.5	0	35	65
State	: 23	: 32	: 1.75	1	42	57
5-Year Avg.	: 57	: 72				

**PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES**

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
September	1.45	1.40	1.52	1.18	1.08	1.55	1.72	2.01	2.54	1.61
Departure	-1.14	-1.12	-1.33	-1.50	-1.60	-1.28	-1.03	-0.79	-0.19	-1.11

**WEATHER SUMMARY FOR SEPTEMBER 1990**

ILLINOIS RECORDED ABOVE NORMAL TEMPERATURES AND BELOW NORMAL PRECIPITATION. ILLINOIS' AVERAGE MONTHLY TEMPERATURE WAS 1 DEGREE ABOVE NORMAL AS TEMPERATURES RANGED FROM 0 TO 2 DEGREES ABOVE NORMAL. THE COOLEST PORTION OF THE STATE WAS THE NORTHEAST, WHILE THE WARMEST AREAS WAS IN THE WEST-SOUTHWEST DISTRICT (NEAR ST. LOUIS). DURING THE FIRST HALF OF THE MONTH, TEMPERATURES WERE BELOW NORMAL WITH LOWS DROPPING INTO THE 20'S. THE STATION NEAR THE TOWN OF ELIZABETH, WHICH IS NEAR THE NORTHWEST DISTRICT, RECORDED ONE OF THE LOWEST READINGS IN THE STATE (21 DEGREES ON THE 5TH). A WARMING TREND THEN TOOK PLACE BRINGING THE MAXIMUM READINGS INTO THE 80'S AND 90'S IN MANY AREAS. THE TOWN OF CAPE GIRARDEAU, MO (WHICH IS ACROSS THE RIVER FROM THE SOUTHWEST DISTRICT), RECORDED ONE OF THE HIGHEST MAXIMUM TEMPERATURES OF 93 DEGREES ON THE 14TH. DURING THE LAST FEW DAYS OF THE MONTH, COOL AIR MOVED BACK INTO THE STATE.

PRECIPITATION AVERAGED ABOVE NORMAL IN THE STATE (-1.11 INCHES BELOW NORMAL). THE LARGEST BELOW NORMAL VARIATION WAS IN THE EASTERN DISTRICT (-1.60 INCHES BELOW NORMAL). PRECIPITATION FELL DURING THE FIRST WEEK AND AFTER MID-MONTH. THE SOUTHWEST RECEIVED HEAVY RAIN DURING THE THIRD WEEK, WITH UP TO 3 INCHES FALLING DURING A 24-HOUR PERIOD. THE TOWN OF CENTRALIA, WHICH IS IN THE SOUTHWEST DISTRICT, RECEIVED THE LARGEST RAINFALL MONTHLY TOTAL WITH 4.30 INCHES. THE FIRST SNOW OF THE SEASON FELL AFTER MID-MONTH. CHICAGO, WHICH IS IN THE NORTHEAST DISTRICT, RECORDED THE LARGEST AMOUNT WITH 6 INCHES. THIS WAS THE LARGEST DAILY SNOWFALL IN THE HISTORY OF CHICAGO FOR THE MONTH OF OCTOBER. ON THE 19TH, 3 INCHES FELL (ALTHOUGH MOST OF THE SNOW MELTED WHEN IT HIT THE GROUND). THE TOWN OF PARIS, WHICH IS IN THE EAST-SOUTHEAST DISTRICT, RECEIVED 4 INCHES. MANY AREAS IN THE CENTRAL AND EASTERN SECTIONS RECEIVED 2 TO 4 INCHES.

THE OUTLOOK FOR THE REMAINDER OF NOVEMBER IS FOR TEMPERATURES TO BE NEAR NORMAL AND PRECIPITATION TO BE BELOW NORMAL.

THE 90-DAY OUTLOOK FROM NOVEMBER THROUGH JANUARY IS FOR TEMPERATURES NEAR NORMAL AND PRECIPITATION WILL BE ABOVE NORMAL.

WEATHER

A VERY SLOW MOVING FRONT CREATED A WET AND COOL SCENARIO ACROSS ILLINOIS THE FIRST HALF OF THE WEEK. RAINFALL TOTALLED 1 TO 3 INCHES IN MANY PLACES WITH A FEW NORTHERN AND CENTRAL LOCATIONS SEEING SNOW MIXED WITH RAIN BEFORE IT ENDED. THE PRECIPITATION ENDED WEDNESDAY WITH MOSTLY DRY WEATHER THE REST OF THE WEEK. SCATTERED RAIN FELL ACROSS THE NORTH SUNDAY WITH THE PASSAGE OF ANOTHER FRONT.

SOME NORTHERN AND WESTERN ILLINOIS LOCATIONS EXPERIENCED THE FIRST FREEZE OF AUTUMN AS CHILLY TEMPERATURES PERSISTED THROUGH WEDNESDAY. ELIZABETH, IN NORTHWEST ILLINOIS, DIPPED TO 25 DEGREES WHILE SOME WESTERN STATIONS HAD LOWS AROUND 28 DEGREES. FOR THE WEEK, TEMPERATURES AVERAGED 5 TO 10 DEGREES BELOW NORMAL. AVERAGE HIGHS WERE IN THE MID 50'S TO MID 60'S WITH AVERAGE LOWS MOSTLY IN THE 30'S TO MID 40'S.

MILDER AND DRIER WEATHER IS EXPECTED THIS WEEK. THERE IS A CHANCE OF SHOWERS LATE WEDNESDAY AND THURSDAY, OTHERWISE, MOSTLY DRY WEATHER IS FORECAST. HIGHS IN THE 70'S WEDNESDAY WILL COOL TO THE UPPER 50'S AND 60'S THURSDAY AND FRIDAY. LOWS WILL BE MAINLY IN THE 40'S THROUGH FRIDAY.

Week ending 8 A.M. Monday, October 15, 1990

Location	Temperatures			Precipitation			Growing Degree Days(50F)		
	:Maxi- :mum	:Mini- :mum	:Depar- :ture	:Curr- :week	:Since :May 1:	:Departure :since	:Curr- :week	:Since :May 1:	:Departure :since
ELIZABETH	53	31	-10	1.79	22.70	1.76	23	2644	-127
ROCKFORD	54	38	-7	1.66	30.57	8.82	25	2917	126
CHICAGO	57	40	-6	2.84	26.23	7.29	31	2959	122
CHI BOTANICAL	56	38	-6	3.49	30.88	12.14	27	2655	64
ELWOOD	57	37	-7	3.24	30.43	10.36	33	2854	-40
WATSEKA	58	38	-7	3.08	29.73	8.56	35	2855	-173
PERU	56	37	-9	2.64	34.24	14.21	30	2940	-205
MOLINE	56	38	-7	1.03	29.88	7.53	30	3177	114
PEORIA	57	39	-7	1.79	31.90	11.83	33	3068	-36
KILBOURNE	58	36	-10	1.82	35.10	13.51	36	3175	-119
MONMOUTH	56	36	-10	0.80	26.41	5.48	28	2963	-192
QUINCY	58	40	-8	0.62	26.59	4.04	36	3297	1
PERRY	59	34	-11	1.07	24.61	3.92	37	3148	-229
SPRINGFIELD	58	40	-8	1.61	32.81	14.68	35	3359	2
URBANA	60	40	-6	2.24	24.87	5.08	41	3131	-77
WINDSOR	64	39	-6	3.16	26.13	6.38	54	3305	-51
TERRE HAUTE	63	42	-4	2.38	26.25	6.53	49	3261	2
ST LOUIS	62	44	NA	1.75	23.18	NA	48	3898	NA
BELLEVILLE	64	42	-6	1.61	18.60	-0.22	55	3498	-18
BROWNSTOWN	60	39	-8	1.60	24.15	3.60	42	3208	-193
IUKA	62	40	-7	1.42	29.54	11.11	47	3159	-381
LAWRENCEVILLE	63	41	NA	1.22	31.09	10.76	54	3278	NA
VINCENNES	63	40	-6	1.36	33.06	12.36	52	3287	-149
DIXON SPRINGS	68	42	-5	1.18	26.81	7.13	75	3624	-83
PADUCAH	68	43	-4	2.07	20.80	0.24	73	3725	-21
OLIVE BRANCH	67	44	-4	2.29	19.92	-1.00	67	3668	9
CARBONDALE	64	39	-7	1.35	23.60	3.49	54	3456	-108
C GIRARDEAU	65	42	NA	1.34	20.30	NA	61	3829	NA

Information above provided by Midwest Agricultural Weather Service Center  
Purdue University, West Lafayette, Indiana 47907

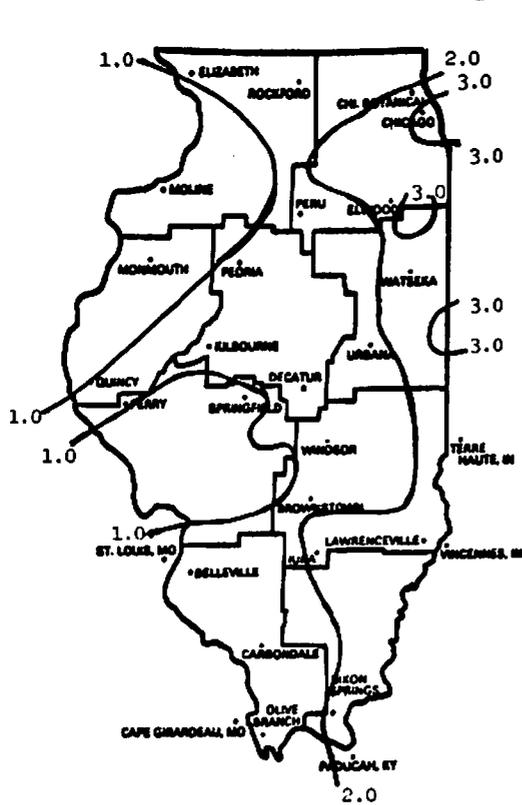
NEWSPAPER TIME VALUE

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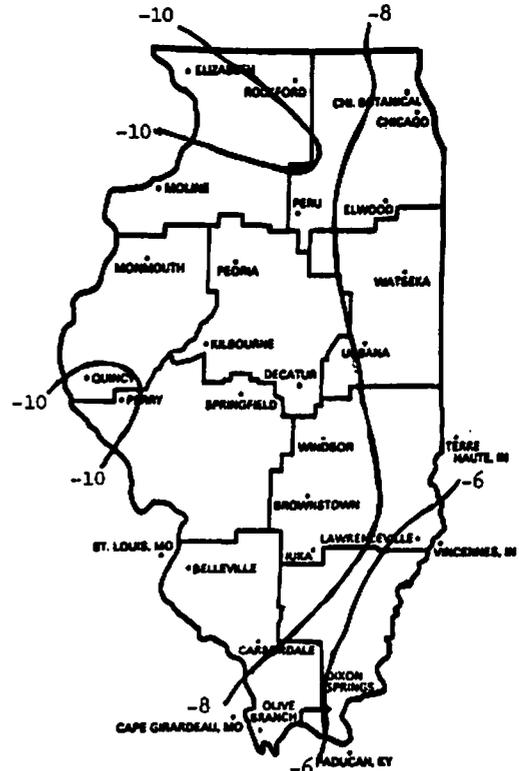


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PRECIPITATION (INCHES)  
OCT. 9-15, 1990



TEMPERATURE DEPARTURES FROM  
AVERAGE (°F) OCT. 9-15, 1990

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers.