

ILLINOIS WEATHER & CROPS



ILLINOIS
AGRICULTURAL
STATISTICS SERVICE

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U.S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE

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CROPS

Excellent harvest and planting conditions last week allowed farmers to surpass the five-year average progress for soybean and sorghum harvest and winter wheat seeding. Corn harvest remains behind average, but good progress was made during the week. Temperatures were unseasonably mild last week, averaging 6 to 10 degrees above normal. Winter wheat that has been planted could use a soaking rain to help emergence and fall growth. Last week farmers were harvesting soybeans, corn and sorghum, busy seeding wheat and rye, doing fall tillage, baling hay, spreading fertilizer, and drying corn. There was an average of seven days suitable for fieldwork during the week of October 7-13.

By October 15, 50% of the CORN crop was harvested compared to 78% last year and the average of 57%.

By October 15, 81% of the SOYBEAN crop had been harvested, compared to 87% last year and the average of 70%.

By October 15, 58% of the SORGHUM crop had been harvested compared to 71% last year and the average of 56%.

By October 15, 70% of the WINTER WHEAT acreage was seeded, compared to 77% last year and the average of 55%. Twenty-six percent of the winter wheat had emerged compared to 27% last year and the average of 22%.

PASTURE condition, as of October 13, was reported as 2% excellent, 57% good, 39% fair, and 2% poor. Pastures were supplying about 67% of livestock roughage requirements.

SOIL MOISTURE as of October 13, was reported as 56% short and 44% adequate.

ILLINOIS DISTRICT SUMMARY

District	Corn Acreage		Soybean Acreage		Days Suitable For Fieldwork	Soil Moisture	
	% Harvested	As of October 15	% Harvested	As of October 13		Percent	Surplus
Northwest	35	80	80	75	7.0	25	0
Northeast	25	80	80	35	7.0	65	0
West	65	80	80	100	7.0	0	0
Central	65	93	93	65	7.0	35	0
East	45	93	93	45	6.5	55	0
W Southwest	60	80	80	45	7.0	55	0
E Southeast	40	70	70	20	7.0	80	0
Southwest	80	80	80	70	7.0	30	0
Southeast	70	65	65	50	7.0	50	0
State	50	81	81	56	7.0	44	0
5-Year Avg.	57	70	70				

PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
September	5.18	4.95	3.48	4.80	5.62	3.77	5.55	3.09	1.77	4.25
Departure	1.51	1.43	-0.23	1.49	2.32	0.33	2.26	-0.63	-1.72	0.75

SEPTEMBER 1989 MONTHLY SUMMARY FOR ILLINOIS

ILLINOIS RECORDED BELOW NORMAL TEMPERATURES AND SLIGHTLY ABOVE NORMAL PRECIPITATION. ILLINOIS AVERAGE MONTHLY TEMPERATURE WAS 3 DEGREES BELOW NORMAL AS TEMPERATURES RANGED FROM 1 TO 4 DEGREES BELOW NORMAL. THE COOLEST PORTION OF THE STATE WAS THE WEST-SOUTHWEST AND THE CENTRAL DISTRICTS, WHILE THE WARMEST AREAS WAS IN THE EXTREME SOUTH. DURING THE FIRST HALF OF THE MONTH, TEMPERATURES WERE SLIGHTLY ABOVE NORMAL WITH HIGHS CLIMBING INTO THE 80'S AND 90'S. PADUCAH, WHICH IS NEAR THE SOUTHEAST DISTRICT, RECORDED ONE OF THE HIGHEST READINGS IN THE STATE (93 DEGREES ON THE 10TH). A COOLING TREND THEN TOOK PLACE DROPPING MINIMUM READINGS BELOW FREEZING IN MANY AREAS AND ENDING THE GROWING SEASON. PERRY, WHICH IS IN THE WEST-SOUTHWEST DISTRICT, RECORDED ONE OF THE LOWEST MINIMUM TEMPERATURES OF 26 DEGREES ON THE 24TH. A WARM PERIOD RETURNED TO ILLINOIS AFTER THE LAST FEW DAYS OF THE MONTH.

PRECIPITATION AVERAGED SLIGHTLY ABOVE NORMAL IN THE STATE (0.75 OF AN INCH ABOVE NORMAL). RAINFALL AMOUNTS WERE SCATTERED WITH MOST AREAS RECORDING A SLIGHT INCREASE. THE LARGEST BELOW NORMAL VARIATION WAS IN THE SOUTHEAST DISTRICT (-1.72 INCHES BELOW NORMAL). THE LARGEST ABOVE NORMAL VARIATION WAS IN THE EAST DISTRICT (2.32 INCHES ABOVE NORMAL). THUNDERSTORMS PRODUCED LOCALLY HEAVY RAIN ON SCATTERED PORTIONS OF THE STATE DURING THE FIRST HALF AND AGAIN AT THE END OF THE MONTH. THE NORTHWEST RECEIVED HEAVY RAIN DURING THE FIRST WEEK, WITH UP TO 3 INCHES FALLING DURING A 24-HOUR PERIOD. THE TOWN OF WATSEKA, WHICH IS IN THE EAST DISTRICT, RECEIVED THE LARGEST RAINFALL MONTHLY TOTAL WITH 11.20 INCHES. FLOODING OCCURRED DURING MID-MONTH AS RIVERS AND CREEKS ROSE ABOVE FLOOD STAGE IN THE EAST AND EAST-SOUTHEAST AREAS.

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

THE 90-DAY OUTLOOK FROM OCTOBER THROUGH NOVEMBER IS FOR TEMPERATURES AND PRECIPITATION TO BE NEAR NORMAL.

Summary provided by The National Weather Service Cooperative Observers
NOAA, Rosemont, Illinois

WEATHER

THE DRY WEEK PROVIDED GOOD HARVEST CONDITIONS ACROSS ILLINOIS. NO RAIN FELL OVER MOST OF THE STATE AND WHERE SHOWERS OCCURRED PRECIPITATION WAS LIGHT.

AVERAGE HIGH TEMPERATURES RANGED FROM THE LOW 70'S IN THE NORTH TO THE LOW 80'S IN THE EXTREME SOUTH. THESE VALUES WERE FROM 7 TO 11 DEGREES ABOVE NORMAL. ON THE WARMEST DAYS HIGHS RANGED FROM THE LOW 80'S NORTH TO NEAR 90 IN THE SOUTH. A HIGH OF 90 WAS REPORTED AT BROWNSTOWN AND A HIGH OF 92 AT CAPE GIRARDEAU ACROSS THE MISSOURI RIVER.

LOWEST TEMPERATURES RANGED FROM THE 30'S TO THE MID 40'S IN MOST CASES BUT A READING OF 28 DEGREES WAS REPORTED AT ELIZABETH AT THE BEGINNING OF THE PERIOD. AVERAGED LOWS RANGED FROM THE LOW 40'S TO THE LOW 50'S SEVERAL DEGREES ABOVE NORMAL FOR THE PERIOD.

Week ending 8 A.M. Monday, October 16, 1989

Location	Temperatures			Precipitation			Growing Degree Days (50F)		
	Maxi- mum	Mini- mum	Depar- ture	Curr. week	Since May 1	Departure since May 1	Curr. week	Since May 1	Departure since May 1
ELIZABETH	73	42	4	0.17	19.50	-1.50	90	2,628	-112
ROCKFORD	71	47	6	0.00	20.03	-1.88	87	2,886	113
CHICAGO	74	50	7	0.01	20.94	1.89	101	2,942	127
CHI BOTANICAL	71	46	3	0.01	18.56	-1.18	88	2,655	-405
ELWOOD	75	46	6	0.00	25.47	5.25	98	2,929	66
WATSEKA	75	44	4	0.00	26.39	5.06	97	2,933	-81
PERU	75	49	7	0.00	18.14	-1.99	106	3,011	-112
MOLINE	76	49	8	0.00	22.08	-0.35	108	3,086	46
PEORIA	75	51	8	0.00	11.84	-8.31	109	3,098	12
KILBOURNE	80	50	8	0.00	14.27	-7.40	122	3,271	-13
MONMOUTH	76	49	7	0.00	19.75	-1.28	109	2,944	-195
QUINCY	79	55	10	0.00	12.72	-9.89	129	3,299	9
PERRY	80	48	6	0.00	18.80	-1.98	117	3,056	-310
SPRINGFIELD	77	53	8	0.00	16.20	-2.07	118	3,222	-125
URBANA	77	52	8	0.00	18.65	-1.26	115	3,181	-9
WINDSOR	78	51	7	0.00	12.59	-7.42	118	3,273	-100
TERRE HAUTE	76	49	6	0.00	27.41	7.60	111	3,228	-13
ST LOUIS	81	60	NA	0.00	15.10	NA	148	3,744	NA
BELLEVILLE	80	46	4	0.00	18.81	-0.08	114	3,331	-176
BROWNSTOWN	80	54	9	0.04	21.05	0.41	130	3,362	-32
IUKA	80	48	6	0.00	14.28	-4.25	120	3,143	-377
LAWRENCEVILLE	78	46	NA	0.00	23.25	NA	108	3,205	NA
VINCENNES	78	52	7	0.00	27.24	6.53	101	3,359	-55
DIXON SPRINGS	81	51	6	0.00	17.79	-1.95	127	3,607	-92
PADUCAH	82	55	8	0.00	22.87	2.23	137	3,761	16
OLIVE BRANCH	81	51	6	0.00	14.85	-5.99	124	3,498	-128
CARBONDALE	82	49	6	0.00	12.32	-7.87	126	3,407	-155
C GIRARDEAU	83	54	NA	0.02	22.85	NA	134	3,747	NA

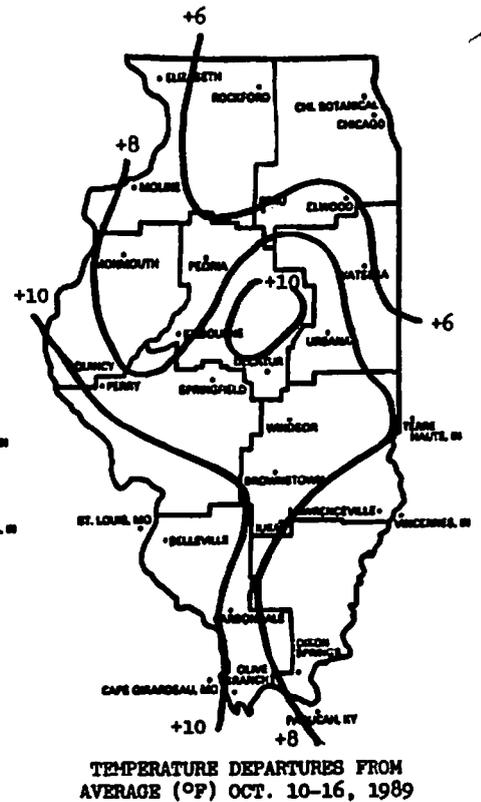
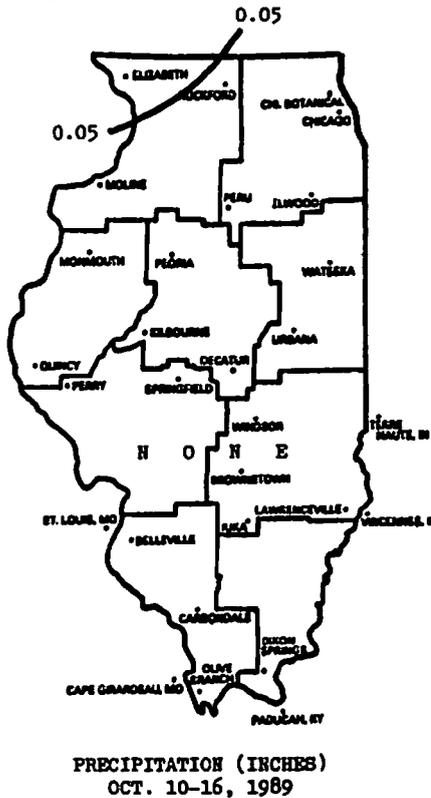
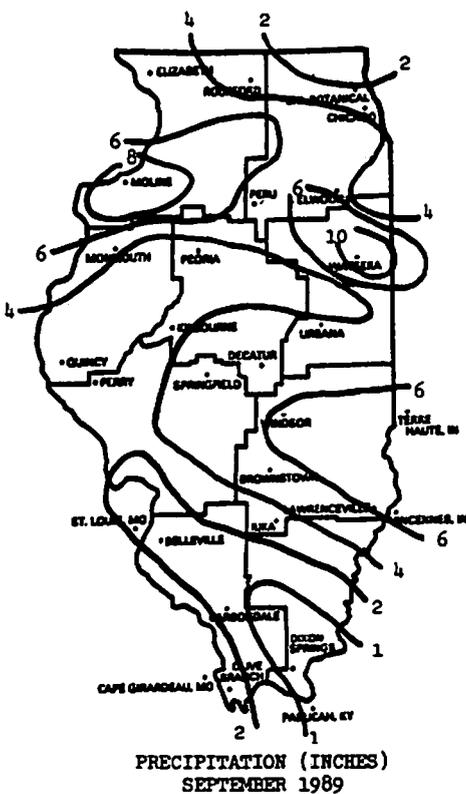
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CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers.