

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

Field activity was limited last week due to rains over the northern half of the State. Alfalfa harvest and cutting of corn silage was sporadic due to the frequent showers and thunderstorms. One benefit expressed by farmers from the recent rainfall has been the decreased need for hauling water. Farmers have begun sowing alfalfa and seeding pastures. The heavy rainfall caused problems with livestock in some areas, especially muddy conditions in cattle feedlots. Last week farmers were baling hay, cutting silage, doing tillage work, and preparing for fall harvest. There was an average of four and one-quarter days suitable for fieldwork during the week of September 2-8.

Condition of the CORN crop on September 8, was reported as 11% excellent, 67% good, 18% fair, and 4% poor. Eighty-six percent of the corn crop was in the dent stage, by September 10, compared to 96% for both last year and the five-year average. Twenty-eight percent of the corn was mature, compared to 62% last year and the average of 55%. Two percent of the crop was harvested compared to 5% last year and the average of 4%.

By September 10, 50% of the SOYBEAN crop was turning yellow, compared to 67% last year and the five-year average of 63%. Seventeen percent of the soybean crop had begun to shed leaves compared to 37% last year and the average of 36%. Less than 1% of the soybean crop has been harvested, compared to 3% last year and the average of 4%. Condition of the crop on September 8, was 11% excellent, 73% good, and 16% fair.

By September 10, 78% of the SORGHUM was turning color, compared to 71% last year. Twenty percent of the sorghum was mature, compared to 51% last year. Condition of the crop on September 8, was 1% excellent, 89% good, and 10% fair.

Cutting of the third crop of ALFALFA HAY was 79% complete compared to 92% last year and the average of 89%. Condition of the crop on September 8, was reported as 16% excellent, 67% good, and 17% fair.

PASTURE condition, as of September 8, was reported as 11% excellent, 52% good, 36% fair, and 1% poor.

SOIL MOISTURE, as of September 8, was reported as 26% short, 60% adequate, and 14% surplus.

ILLINOIS DISTRICT SUMMARY

District	: Corn Acreage : % Dented	: Soybean : Acreage % : Turning : Yellow	: Days : Suitable : For : Fieldwork	: Soil : Moisture Percent		
				: Short	: Adq.	: Surplus
				As of September 10		
Northwest	: 80	: 40	: 3.5	: 25	: 65	: 10
Northeast	: 60	: 25	: 2.5	: 0	: 35	: 65
West	: 95	: 45	: 4.0	: 60	: 40	: 0
Central	: 95	: 55	: 2.5	: 25	: 75	: 0
East	: 90	: 60	: 2.5	: 30	: 30	: 40
W Southwest	: 95	: 65	: 4.5	: 30	: 70	: 0
E Southeast	: 85	: 40	: 5.5	: 15	: 75	: 10
Southwest	: 95	: 60	: 6.5	: 40	: 60	: 0
Southeast	: 95	: 50	: 6.0	: 20	: 80	: 0
State	: 86	: 50	: 4.25	: 26	: 60	: 14
5-Year Avg.	: 96	: 63				

PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
August	4.68	4.63	3.21	3.72	4.05	2.51	4.52	2.17	3.15	3.63
Departure	1.01	1.11	-0.50	0.41	0.75	-0.93	1.23	-1.55	-0.34	0.13

AUGUST WEATHER SUMMARY

ILLINOIS RECORDED SLIGHTLY BELOW NORMAL TEMPERATURES AND SLIGHTLY ABOVE NORMAL PRECIPITATION. ILLINOIS AVERAGE MONTHLY TEMPERATURE WAS 1 DEGREE BELOW NORMAL AS TEMPERATURES RANGED FROM 1 DEGREE ABOVE NORMAL TO 2 DEGREES BELOW NORMAL. THE COOLEST PORTION OF THE STATE WAS THE NORTHWEST DISTRICT, WHILE THE WARMEST AREAS WAS IN THE SOUTHWEST DISTRICT. DURING THE FIRST WEEK OF THE MONTH, TEMPERATURES WERE ABOVE NORMAL WITH HIGHS CLIMBING NEAR THE 100 DEGREE MARK. BROWNSTOWN, WHICH IS IN THE EAST-SOUTHEAST DISTRICT, RECORDED ONE OF THE HIGHEST READINGS IN THE STATE (99 DEGREES ON THE 6TH). A COOLING TREND THEN TOOK PLACE DROPPING MINIMUM READING INTO THE 40'S AND 50'S. BROWNSTOWN ALSO RECORDED ONE OF THE LOWEST MINIMUM TEMPERATURES OF 44 DEGREES ON THE 8TH. A WARM PERIOD RETURNED TO ILLINOIS AFTER MID-MONTH.

PRECIPITATION AVERAGED SLIGHTLY ABOVE NORMAL IN THE STATE (0.13 OF AN INCH ABOVE NORMAL). THE NORTHERN AND CENTRAL PORTIONS OF THE STATE BROKE A LONG DRY PERIOD AND RECEIVED ABOVE NORMAL RAINFALL, WHILE THE REMAINDER OF ILLINOIS RECORDED BELOW NORMAL RAIN. ABOVE NORMAL RAIN ALSO FELL IN THE EAST-SOUTHEAST DISTRICT. THE LARGEST BELOW NORMAL VARIATION WAS IN THE SOUTHWEST DISTRICT (-1.55 INCHES BELOW NORMAL). THE LARGEST ABOVE NORMAL VARIATION WAS IN THE EAST-SOUTHEAST DISTRICT (1.23 INCHES ABOVE NORMAL). FOR THE SECOND MONTH IN A ROW, THE NORTHEAST RECEIVED ABOVE NORMAL RAINFALL. THUNDERSTORMS PRODUCED LOCALLY HEAVY RAIN ON SCATTERED PORTIONS OF THE STATE DURING THE FIRST WEEK. AS THEY MOVED ACROSS NORTHEAST ILLINOIS, THEY DELUGED THE WEST AND NORTHWEST SUBURBS OF CHICAGO. AS MUCH AS 5 INCHES OF RAIN DURING A SHORT PERIOD OF TIME CAUSED FLOODING. THUNDERSTORMS AGAIN BROUGHT HEAVY RAIN TO THE CHICAGOLAND AREA AT THE END OF THE MONTH. RAINFALL AMOUNTS OF 3 TO 4 INCHES DURING A 24-HOUR PERIOD AGAIN CAUSED FLOODING. THE TOWN OF ALEDO, WHICH IS IN THE NORTHWEST DISTRICT, REPORTED THE LARGEST RAINFALL TOTAL OF THE MONTH WITH 9.71 INCHES (6.27 INCHES FELL DURING A 24-HOUR PERIOD ON THE 31ST).

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

THE 90-DAY OUTLOOK FROM SEPTEMBER THROUGH NOVEMBER IS FOR TEMPERATURES TO BE ABOVE NORMAL AND PRECIPITATION TO BE BELOW NORMAL.

WEATHER

A SLOW MOVING FRONTAL SYSTEM PRODUCED COPIOUS RAINFALL AMOUNTS THE PAST SEVEN DAYS IN ILLINOIS. DAILY HIGH TEMPERATURES RANGED FROM MOSTLY THE MID TO UPPER 70'S NORTH TO THE MID TO UPPER 80'S SOUTH. THESE READINGS WERE MOSTLY NEAR NORMAL CENTRAL AND NORTH BUT 2 TO 4 DEGREES ABOVE NORMAL SOUTH. LOWS AVERAGED FROM THE LOWER 60'S NORTH TO THE MID AND UPPER 60'S SOUTH WHICH WAS 3 TO 9 DEGREES ABOVE NORMAL ACROSS THE STATE.

RAINFALL AVERAGED WELL ABOVE NORMAL OVER MUCH OF THE CENTRAL AND NORTH BUT BELOW NORMAL OVER PARTS OF THE SOUTH. SEVEN DAY TOTALS AVERAGED 1.00 TO AROUND 3.00 INCHES OVER MUCH OF THE CENTRAL AND NORTH BUT VARIED IN THE SOUTH FROM NONE TO OVER 1.50 INCHES.

THE EXTENDED FORECAST INDICATES A CHANCE OF SHOWERS SOUTH ON WEDNESDAY OTHERWISE FAIR FOR THE PERIOD WEDNESDAY THROUGH FRIDAY WITH HIGHS IN THE MID 60'S TO 70'S. LOWS IN THE UPPER 40'S TO AROUND 60.

Week ending 8 A.M. Monday, September 11, 1989

Location	Temperatures			Precipitation			Growing Degree Days (50F)		
	Maximum	Minimum	Departure	Curr. week	Since May 1	Departure since May 1	Curr. week	Since May 1	Departure since May 1
ELIZABETH	75	57	1	1.76	18.43	0.91	120	2,289	-95
ROCKFORD	75	63	4	0.93	19.99	1.96	140	2,540	122
CHICAGO	78	62	3	1.09	20.21	4.44	146	2,555	122
CHI BOTANICAL	78	62	2	1.03	17.26	0.86	146	2,310	-342
ELWOOD	79	63	4	3.72	22.69	5.77	152	2,556	82
WATSEKA	78	62	3	3.16	25.10	7.17	146	2,546	-55
PERU	76	63	2	2.67	16.69	0.15	143	2,632	-71
MOLINE	77	63	3	3.95	20.87	2.25	147	2,685	35
PEORIA	78	65	4	1.78	10.84	-5.67	156	2,717	35
KILBOURNE	82	66	5	3.15	12.89	-4.70	170	2,819	-8
MONMOUTH	75	62	1	1.98	18.26	1.05	135	2,567	-148
QUINCY	80	66	4	2.22	11.93	-6.26	165	2,867	21
PERRY	81	61	2	2.58	17.97	1.11	153	2,662	-235
SPRINGFIELD	80	67	4	1.66	15.08	0.07	169	2,788	-95
URBANA	80	65	4	1.96	17.63	0.88	162	2,753	4
WINDSOR	84	64	4	0.55	12.31	-4.64	169	2,809	-84
TERRE HAUTE	83	64	4	1.70	23.70	6.96	169	2,783	2
ST LOUIS	84	69	NA	0.24	13.78	NA	184	3,212	NA
BELLEVILLE	86	65	4	0.16	14.16	-1.57	174	2,868	-130
BROWNSTOWN	84	66	5	1.21	17.71	0.39	176	2,885	-16
IUKA	84	63	2	0.00	13.29	-2.28	165	2,682	-333
LAWRENCEVILLE	85	63	NA	0.89	21.03	NA	169	2,761	NA
VINCENNES	85	65	5	1.60	23.72	5.88	175	2,894	-30
DIXON SPRINGS	86	65	3	0.47	16.39	-0.42	176	3,054	-84
PADUCAH	88	67	4	0.51	20.79	3.44	185	3,189	14
OLIVE BRANCH	88	64	4	0.00	13.63	-4.07	180	2,993	-84
CARBONDALE	86	64	4	0.00	11.05	-6.19	173	2,915	-121
C GIRARDEAU	86	69	NA	1.43	21.38	NA	189	3,210	NA

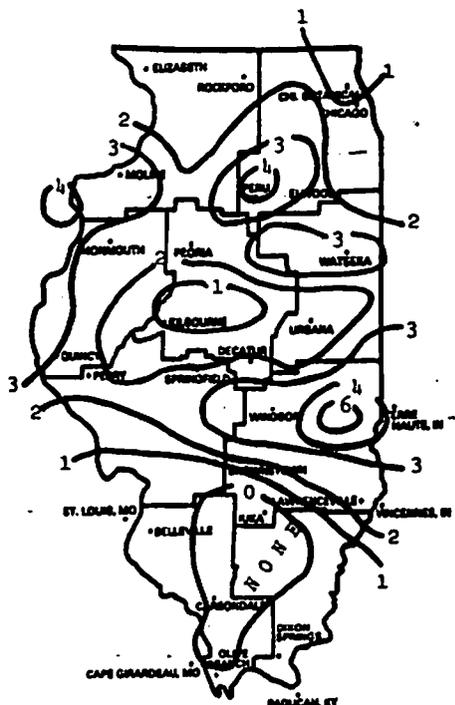
Information above provided by Midwest Agricultural Weather Service Center
Purdue University, West LaFayette, Indiana 47907

NEWSPAPER TIME VALUE

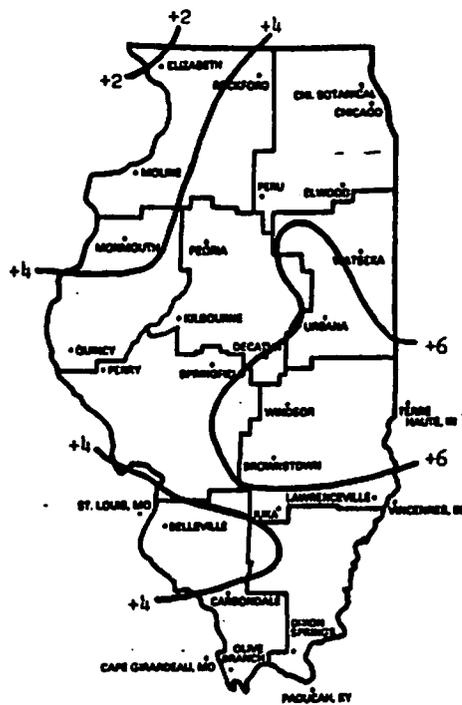
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PRECIPITATION (INCHES)
 SEPT. 5-11, 1989



TEMPERATURE DEPARTURES FROM
 AVERAGE (°F) SEPT. 5-11, 1989

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