

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
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**U. S. DEPARTMENT OF AGRICULTURE
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**NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION**

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CROPS

Corn and soybean harvest is continuing at an average pace with the most activity in the Central and East Districts. Yields are reported to be as variable as that of rains received during the summer period. Some reports were received of low corn grain quality due to mold and smut, along with poor filling of soybean pods. Soybean seeds are small and seeds per pod are low in many areas. Besides harvest last week, farmers were also baling hay, tilling for fall seedings, mowing, fixing equipment, seeding winter wheat and rye, cleaning bins, hauling grain and water, discing set-aside acreage, harvesting vegetables, chopping stalks, harvesting sorghum and silage, fall plowing, and tending to livestock. For the week of September 10-16 there was an average of six and one-half days as suitable for fieldwork.

By September 18, 90% of the **CORN** crop was mature compared to 97% last year and the 5-year average (1983-87) of 79%. Twelve percent of the crop was harvested compared to 25% last year and the average of 10%.

By September 18, 93% of the **SOYBEAN** crop was turning yellow, compared to 92% last year and the average of 83%. Sixty-four percent of the crop was shedding leaves compared to 72% last year and the average of 59%. Nine percent of the crop was harvested compared to 24% last year and the average of 11%.

By September 18, 77% of the **SORGHUM** crop was mature compared to 85% last year. Four percent of the crop was harvested compared to 40% last year and the average of 10%.

By September 18, 3% of the **WINTER WHEAT** acreage was seeded, compared to 2% last year and the average of 2%.

By September 18, cutting of the third crop of **ALFALFA HAY** was 97% complete, compared to 90% last year and the average of 97%. Condition of the crop on September 16 was reported as 1% excellent, 23% good, 57% fair, 18% poor, and 1% very poor.

HAY supplies on September 16 were reported as 2% very short, 59% short, 36% adequate, and 3% surplus.

PASTURE condition, as of September 16, was rated as 7% good, 34% fair, 40% poor, and 19% very poor.

SOIL MOISTURE on September 16 was reported as 91% short and 9% adequate.

ILLINOIS DISTRICT SUMMARY

District	Soybean acreage % turning yellow	Days suitable for: fieldwork	Soil moisture percent Short :Adequate:Surplus
	As of September 18	- - - As of September 16 - - -	
Northwest	98	6.5	100 0 0
Northeast	85	6.5	95 5 0
West	95	6.0	95 5 0
Central	97	6.5	100 0 0
East	96	6.5	100 0 0
West Southwest	93	6.5	100 0 0
East Southeast	95	6.5	100 0 0
Southwest	80	6.5	50 50 0
Southeast	85	6.5	80 20 0
State	93	6.5	91 9 0
5-Year Average	83		

PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
August	3.24	4.05	3.16	2.59	1.71	1.83	1.96	2.19	1.44	2.46
Departure	-0.43	0.53	-0.54	-0.72	-1.59	-1.61	-1.33	-1.53	-2.05	-1.03

AUGUST WEATHER SUMMARY

Illinois recorded an extremely hot and dry month. Illinois average monthly **TEMPERATURE** was 4.6 degrees above normal as temperatures ranged from 2 to 6 degrees above normal. The warmest portion of the State was again in the northwest section, while the coolest areas were in the east and southeast. The month started with above normal temperatures, as maximum readings rose into the 90's. Many new records were set during the month as readings went above the 100 degree mark. Many areas reported this to be one of the warmest Augusts on record. It was common for areas to record 15 to 27 days of 90 degrees (or higher). Chicago, in the Northeast District, recorded 7 days of 100 degree temperatures. This was another new record. By the last week of August, cool air brought readings down to the 70's and 80's. Minimum readings fell into the 50's.

PRECIPITATION averaged one inch below normal in the State (-1.03 inches below normal). The northern half of the State received slightly below normal rainfall, while the South recorded 1 to 2 inches below normal amounts. The largest below normal variation was in the Southeast District (-2.05 inches below normal). The least below normal variation was in the Northwest District (0.43 of an inch below normal). However, Moline and Cairo received above normal rainfall. Thunderstorms during the latter half of the month gave many areas 1 to 3-inch rainfall amounts. Cairo, in the Southwest District, recorded the greatest rainfall amount (5.99 inches). A thunderstorm gave Cairo 2.49 inches of rain on the 20th. Moderate rain fell over scattered areas.

The **OUTLOOK** from September 15 through October 15 is for temperatures to be above normal and precipitation to be near normal.

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

WEATHER

HIGH PRESSURE DOMINATED WEATHER EARLY IN THE PERIOD FOLLOWED BY INCREASING MOISTURE FROM THE GULF AND REMNANTS OF FORMER HURRICANE GILBERT. DAILY HIGH TEMPERATURES AVERAGED FROM AROUND 80 IN THE NORTH TO THE MID-80'S IN THE CENTRAL AND SOUTH. THESE READINGS WERE 2 TO 8 DEGREES ABOVE NORMAL ACROSS MUCH OF THE STATE. LOWS AVERAGED FROM THE MID TO UPPER 50'S IN THE NORTH TO THE MID-60'S IN THE SOUTH, WHICH WAS 3 TO 8 DEGREES ABOVE NORMAL IN MOST AREAS. LOWEST READINGS IN THE MID-40'S IN THE NORTH TO AROUND 60 IN THE SOUTH OCCURRED ABOUT WEDNESDAY.

LIGHT AMOUNTS OF RAIN FELL EARLY IN THE PERIOD, BUT MORE SIGNIFICANT RAIN DEVELOPED FOR THE WEEKEND. RAINFALL TOTALS AVERAGED FROM 1/2 TO 1 1/2 INCHES ACROSS MUCH OF THE STATE. REPORTS OF JUST OVER 2 1/2 INCHES WERE RECEIVED FROM THE CHICAGO AREA.

SOIL TEMPERATURES AT THE 4-INCH BARE SOIL DEPTH AVERAGED FROM THE UPPER 60'S TO AROUND 70 IN THE NORTH TO THE UPPER 70'S IN THE SOUTH, WHICH WAS 1 TO 8 DEGREES ABOVE NORMAL AT MOST LOCATIONS.

THE OUTLOOK FOR WEDNESDAY THROUGH FRIDAY CALLS FOR A CHANCE OF SHOWERS IN THE CENTRAL AND SOUTH WEDNESDAY AND THURSDAY. HIGHS WILL BE IN THE 70'S TO LOWER 80'S AND LOWS AROUND 50 TO AROUND 60.

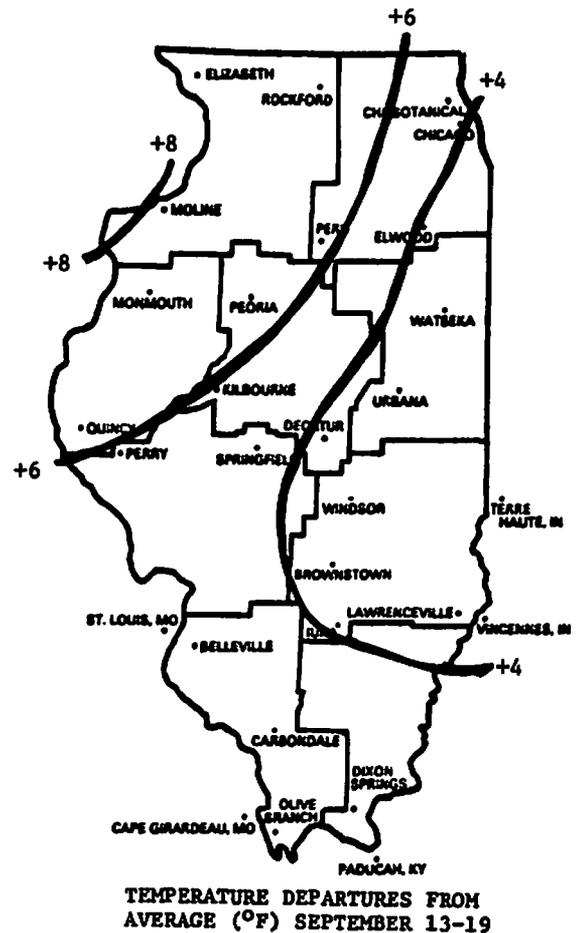
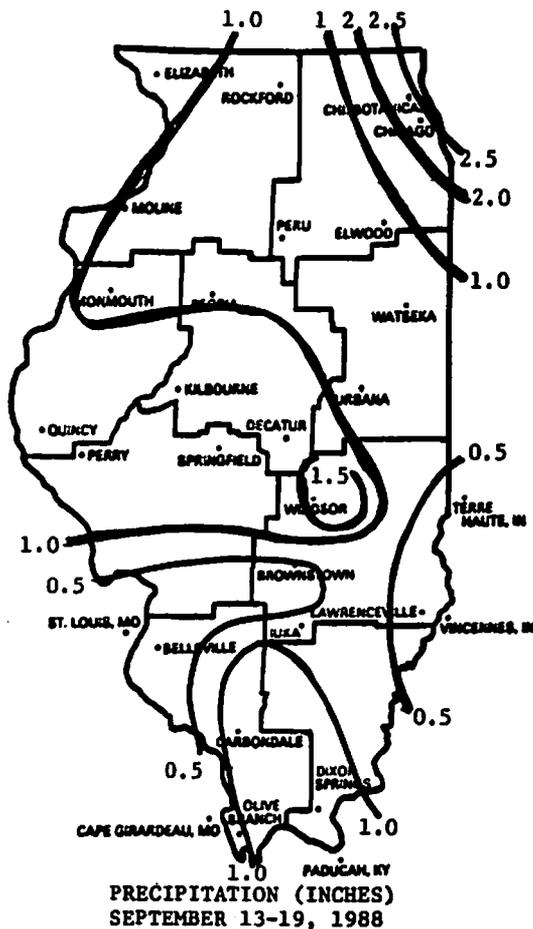
Week ending 8 A.M. Monday, September 19, 1988

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	
ELIZABETH	82	54	6	1.25	8.86	-9.56	137	2766	281
ROCKFORD	82	58	7	0.61	7.30	-11.70	146	3003	480
CHICAGO	80	59	5	2.68	11.13	-5.51	140	3006	457
CHI BOTANICAL	78	59	2	2.62	12.93	-4.30	133	2773	-5
ELWOOD	82	51	2	0.67	6.62	-11.09	125	2984	392
WATSEKA	83	57	5	0.57	8.93	-9.85	147	2983	260
PERU	80	57	3	0.69	8.69	-8.50	116	3004	214
MOLINE	84	61	8	1.48	12.31	-7.29	158	3154	388
PEORIA	83	62	7	1.13	5.70	-11.76	162	3191	385
KILBOURNE	83	62	6	1.46	9.66	-8.92	162	3166	204
MONMOUTH	83	59	5	0.97	8.44	-9.55	148	3002	186
QUINCY	85	63	7	1.31	8.31	-10.98	168	3220	239
PERRY	83	61	5	1.44	13.73	-4.06	157	3076	39
SPRINGFIELD	84	55	2	1.48	7.37	-8.44	164	3289	267
DECATUR	84	61	5	1.06	6.53	-12.01	162	3208	175
URBANA	82	61	5	0.68	6.37	-11.16	156	3213	330
WINDSOR	83	62	5	1.80	8.15	-9.57	161	3254	216
TERRE HAUTE	83	61	5	0.03	11.60	-5.92	158	3062	144
ST. LOUIS	87	67	NA	0.14	10.33	NA	188	3658	NA
BELLEVILLE	85	61	4	0.10	7.24	-9.32	163	3233	85
BROWNSTOWN	86	63	6	0.35	8.04	-10.08	169	3169	123
IUKA	84	60	3	0.91	17.29	0.99	157	3080	-86
LAWRENCEVILLE	84	61	NA	0.23	9.11	NA	159	3163	NA
VINCENNES	84	62	5	0.44	8.93	-9.56	166	3168	118
DIXON SPRINGS	84	65	4	1.06	9.54	-8.01	175	3268	-33
PADUCAH	85	65	4	0.59	9.05	-9.17	178	3418	76
OLIVE BRANCH	84	64	4	0.81	13.95	-4.73	172	3246	-15
CARBONDALE	84	64	5	1.47	15.35	-2.67	171	3233	44
C GIRARDEAU	84	68	NA	0.22	15.30	NA	184	3473	NA

NEWSPAPER TIME VALUE

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