

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
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ILLINOIS DEPARTMENT OF AGRICULTURE**



**NATIONAL OCEANIC AND
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CROPS

The corn and soybean crops over Illinois are progressing at a rapid pace compared to average. Silking (tasseling) of corn is about two weeks ahead of the average. Soybeans, meanwhile, are over two weeks ahead of average. In the southern districts most crop conditions have improved while most northern districts reported a slight decline. The Northeast District showed improved conditions, aided by recent rainfall in some areas. Oat harvest is continuing at an above-normal rate. Farmers have also been walking beans, cultivating second crop and replanted beans, spraying weeds and insects, baling hay and straw, mowing set-aside acreage, ditches, and fence lines, and picking apples and peaches. For the week of July 11-17, there was an average of four and three-quarter days reported as suitable for fieldwork.

On July 19, 95% of the **CORN** acreage was silked (tasseled) compared to 84% last year and the 5-year average (1982-86) of 61%. Thirty-two percent of the corn was in the dough stage compared to 19% last year and the average of 9%. Condition of the corn crop on July 17 was reported to be 36% excellent, 55% good, and 9% fair.

On July 19, 93% of the **SOYBEAN** crop was blooming compared to 75% last year and the average of 61%. Fifty-five percent of the soybeans were setting pods compared to 33% last year and the average of 19%. Condition of the soybean crop on July 17 was reported to be 15% excellent, 73% good, and 12% fair.

On July 19, 97% of the **OATS** crop was ripe, compared to 83% last year and the average of 67%. Seventy percent of the oats acreage was harvested, compared to 43% last year and the average of 34%.

Condition of the **SORGHUM** crop was rated as 25% excellent, 68% good, and 7% fair. Forty-five percent of the sorghum acreage was headed compared to 29% last year.

The second cutting of **ALFALFA HAY** was 90% complete on July 19, compared to 53% last year and the average of 72%. The third cutting was 10% complete, compared to none last year and the average of 2%. Condition of the crop on July 17 was reported as 9% excellent, 64% good, 20% fair, and 7% poor.

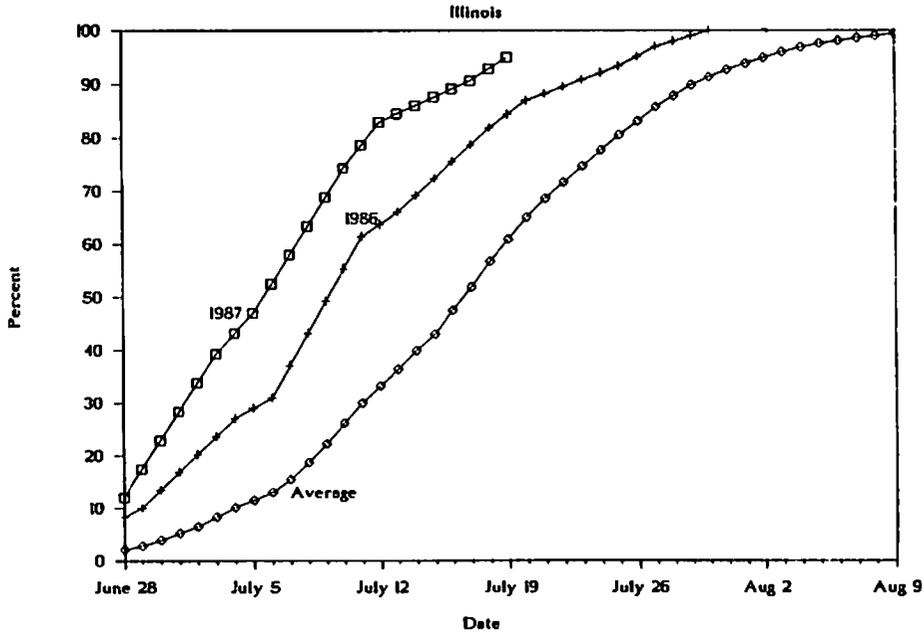
PASTURE condition on July 17 was reported to be 8% excellent, 42% good, 38% fair, 11% poor, and 1% very poor.

SOIL MOISTURE on July 17 was reported as 39% short, 49% adequate, and 12% surplus.

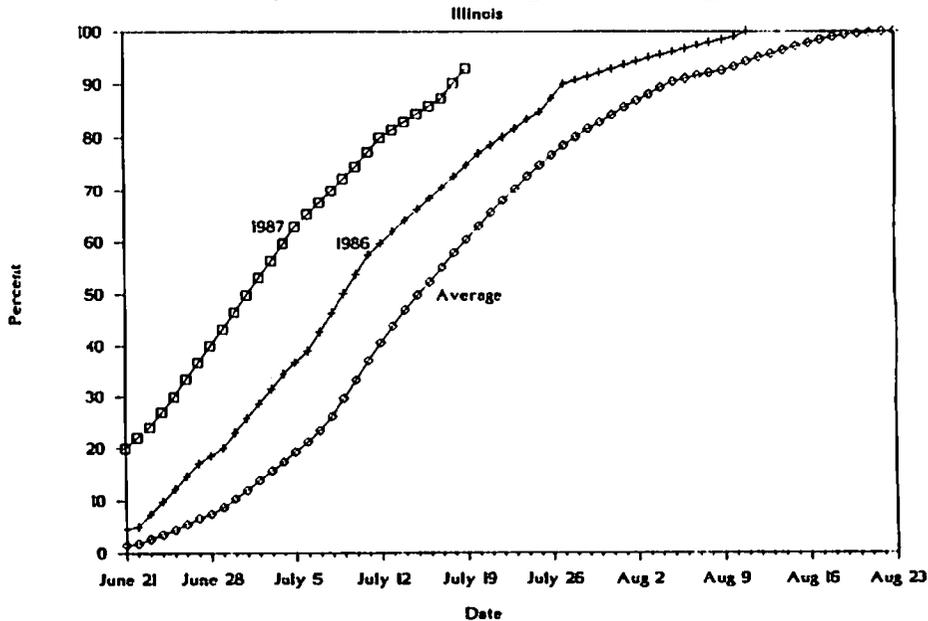
ILLINOIS CROP REPORTING DISTRICT SUMMARY

District	: Corn % : Soybeans :		Days Suit- :		Soil	
	:(tasseling):	blooming :	able for :	fieldwork :	Short :Adequate:	Surplus
	: Week ending July 19			Week ending July 17		
Northwest	: 90	90	5.5	70	30	0
Northeast	: 80	85	5.0	50	50	0
West	: 98	95	6.5	85	15	0
Central	: 99	98	6.0	70	30	0
East	: 98	95	3.5	60	40	0
West-Southwest	: 98	95	5.5	10	90	0
East-Southeast	: 99	95	2.5	0	75	25
Southwest	: 95	85	5.0	5	65	30
Southeast	: 90	85	3.0	0	45	55
State	: 95	93	4.75	39	49	12
5-Yr. Avg.	: 61	61				

Corn - Acreage Silked (Tasseled)



Soybeans - Acreage Blooming



WEATHER

AVERAGE HIGH TEMPERATURES RANGED FROM THE LOW 80'S IN THE NORTH TO THE UPPER 80'S IN THE EXTREME SOUTH. THESE VALUES RANGE FROM 2 TO 4 DEGREES BELOW NORMAL OVER MUCH OF THE STATE WITH DEVIATIONS SMALLER IN THE NORTH. READINGS OF 90 DEGREES HAD OCCURRED OVER NEARLY ALL OF THE STATE BY THE END OF THE PERIOD. LOWS AVERAGED FROM THE LOW TO MID-60'S DURING THE PERIOD, ABOUT NORMAL IN THE NORTH AND CENTRAL SECTIONS BUT 2 TO 4 DEGREES BELOW NORMAL IN MUCH OF THE SOUTH. THE RELATIVELY COOL WEATHER HELD BASE 50 GROWING DEGREE DAY ACCUMULATIONS TO AROUND 150 IN NORTHERN ILLINOIS WITH TOTALS LITTLE OVER 170 IN MOST SOUTHERN SECTIONS. THAT PUTS ACCUMULATIONS FOR THE WEEK AT 10 TO 20 BELOW NORMAL OVER MUCH OF THE STATE. SEASON ACCUMULATIONS, SINCE THE FIRST OF MAY, REMAIN SUBSTANTIALLY ABOVE NORMAL.

PRECIPITATION TOTALS FOR THE WEEK WERE GENERALLY UNDER A HALF INCH. PRACTICALLY NO RAIN FELL IN PARTS OF THE SOUTH AND IN THE NORTH WHERE TOTALS WERE GREATEST THEY FELL SHORT OF THREE QUARTERS OF AN INCH.

THIS WEEK IS EXPECTED TO BE HOT AND HUMID WITH HIGH TEMPERATURES GENERALLY GREATER THAN 90 DEGREES. PROSPECTS FOR RAIN ARE SLIM.

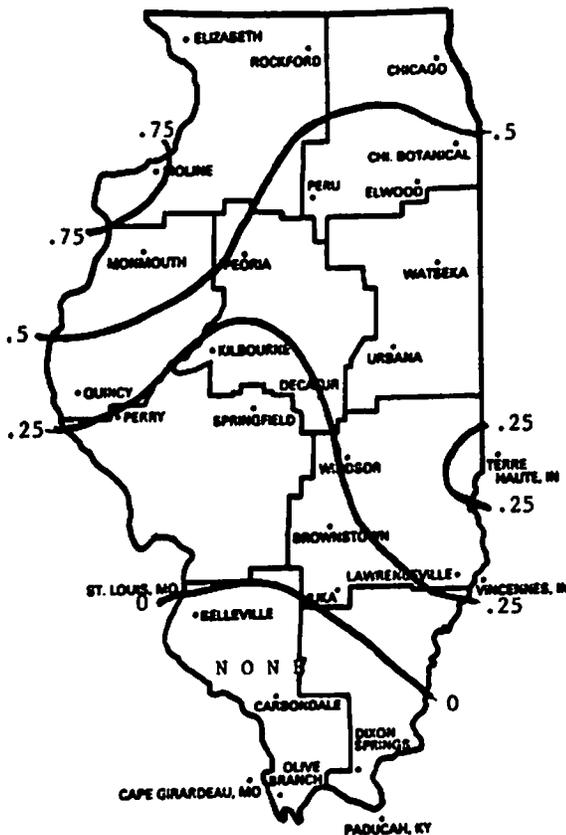
Week ending 8 A.M. Monday, July 20, 1987

Location	Temperatures			Precipitation			Growing Degree Days(50F)		
	:Maxi- :mum	:Mini- :mum	:Deapar- :ture	:Curr- :week	:Since :May 1:	:Departure :since :May 1:	:Curr- :week	:Since :May 1:	:Departure :since :May 1:
ELIZABETH	82	60	0	0.57	6.11	-4.91	149	1534	188
ROCKFORD	83	63	0	0.62	8.54	-2.82	156	1641	301
CHICAGO	82	63	0	0.63	6.15	-3.53	156	1673	352
CHI BOTANICAL	81	64	-2	0.62	8.10	-1.93	150	1529	81
ELWOOD	82	62	-1	0.32	9.76	-0.99	153	1659	296
WATSEKA	82	62	-1	0.40	7.34	-4.42	154	1683	208
PERU	83	61	-2	0.45	8.47	-2.07	155	1683	162
MOLINE	86	64	0	0.85	6.20	-5.52	169	1792	307
PEORIA	84	65	0	0.39	5.91	-4.43	169	1786	285
KILBOURNE	86	64	0	0.15	6.44	-4.36	171	1851	250
MONMOUTH	84	62	-1	0.68	4.99	-5.64	163	1730	199
QUINCY	83	66	-1	0.43	8.51	-2.66	174	1858	260
PERRY	84	60	-3	0.25	6.36	-4.15	156	1718	78
SPRINGFIELD	84	67	0	0.14	8.37	-1.05	177	1898	265
DECATUR	84	64	-2	0.27	10.15	-1.17	165	1850	221
URBANA	82	64	-1	0.36	6.45	-3.91	163	1805	255
WINDSOR	79	60	-6	0.47	8.78	-2.34	143	1821	189
TERRE HAUTE	84	61	-2	0.17	13.54	2.61	156	1823	261
ST LOUIS	85	70	NA	0.02	10.29	NA	190	2053	NA
BELLEVILLE	83	63	-4	0.00	11.37	1.34	166	1942	237
BROWNSTOWN	85	63	-2	0.02	8.14	-3.01	167	1931	285
IUKA	85	60	-5	0.01	10.49	0.10	156	1847	136
LAWRENCEVILLE	86	61	NA	0.72	11.02	NA	161	1882	NA
VINCENNES	84	63	-2	0.30	12.89	1.84	167	1883	229
DIXON SPRINGS	87	63	-3	0.00	12.06	1.17	171	1953	147
PADUCAH	88	63	-3	0.47	7.45	-3.92	172	2057	239
OLIVE BRANCH	87	63	-2	0.00	9.33	-2.07	172	2009	245
CARBONDALE	86	59	-5	0.00	10.01	-0.83	155	1912	175
C GIRARDEAU	88	65	NA	0.01	12.97	NA	179	2056	NA

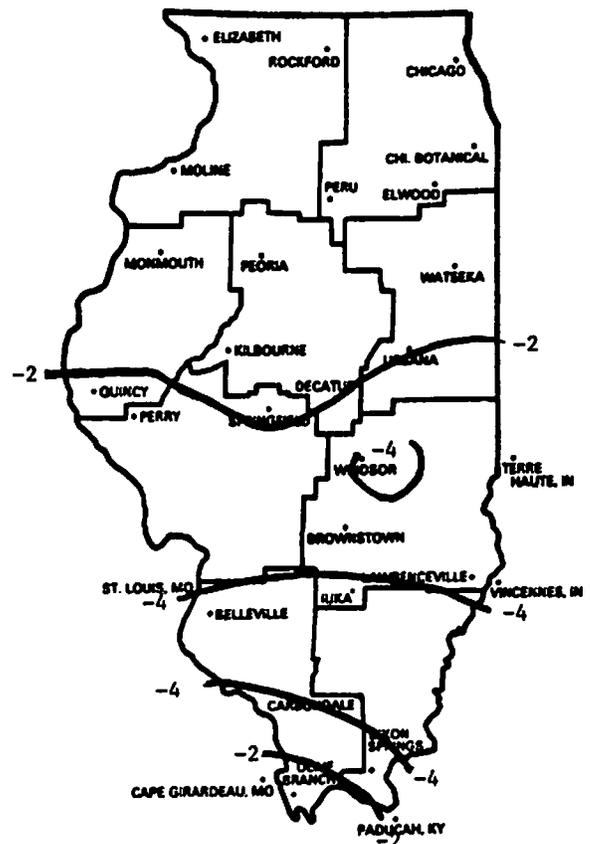
NEWSPAPER TIME VALUE

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PRECIPITATION (INCHES)
 JULY 14-20, 1987



TEMPERATURE DEPARTURES FROM
 AVERAGE (°F) JULY 14-20, 1987

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers. Additional WEATHER INFORMATION is provided by the Illinois State Water Survey, IDE&NR, Champaign, Ill.; and National Weather Service Cooperative Observers, NOAA, Rosemont, Ill.