ILLINOIS WEATHER & CROPS

ILLINOIS
AGRICULTURAL
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ILLINOIS DEPARTMENT OF AGRICULTURE

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WATER SURVEY
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CROPS

Scattered rain across the northwest, east, southwest and southeast areas of the State slowed wheat and hay harvest last week, as farmers continued to receive adequate to surplus moisture. There was an average of 4.25 days rated as suitable for fieldwork with the northern half most active. The major field activities were: harvesting wheat and hay, cultivating and spraying soybeans, tending livestock, and repairing farm machinery.

On July 20, 87% of the CORN acreage was silked (tasseled), compared to 81% last year and the 5-year average (1981-85) of 60%. Twenty percent of the crop was in the dough stage, compared to 13% last year and the average of 8%. Condition of the crop on July 18 was reported as 65% excellent, 33% good, and 2% fair.

SOYBEANS, on July 20, had 77% of the acreage blooming, compared to 69% last year and the 5-year average of 57%. Thirty-five percent of the acreage was setting pods, compared with 23% last year and the average of 16%. Condition of soybeans on July 18 was reported as 36% excellent, 59% good, and 5% fair.

Harvest of WINTER WHEAT as of July 20 was 98% complete, compared to 98% last year and the 5-year average (1981-85) of 97%.

SORGHUM, as of July 20, had 30% of the acreage headed. No historic comparisons are available. Condition of the crop on July 18 was reported as 14% excellent and 86% good.

On July 20, 85% of the OATS was ripe, compared to 88% last year and the average of 72%. Harvest was 45% complete, compared with 55% last year and the average of 38%.

ALFALFA condition, on July 18, was reported as 14% excellent, 70% good, and 16% fair. Seventy-five percent of the second crop had been cut by July 20, compared with 87% last year and the average of 74%. Nine percent of the third crop had been cut, compared to 9% last year and the average of 3%.

PASTURE condition on July 18 was rated as 20% excellent, 64% good, and 16% fair.

SOIL MOISTURE on July 18 was reported as 3% short, 89% adequate, and 8% surplus.

WEATHER

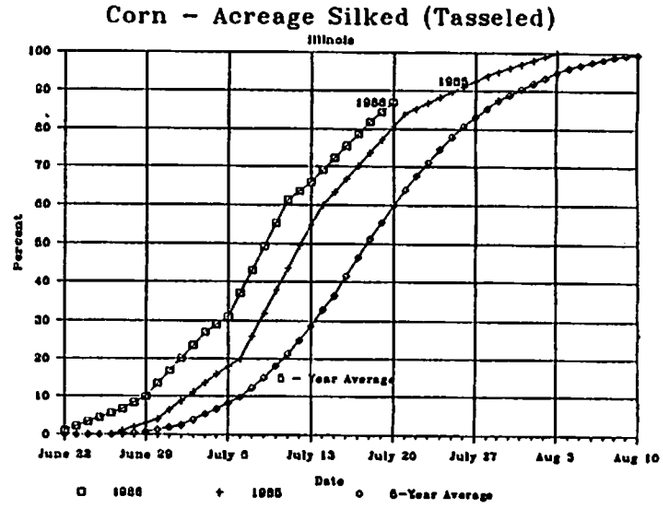
The five days' weather ending July 21 was above normal throughout the State, and precipitation was little and spotty.

TEMPERATURES were generally 3° to 7° above normal, with the greatest positive deviations in the eastern third of the State.

PRECIPITATION fell during the first day or two of the period. No precipitation was received from the Northwest to the far West, and along a band from Springfield to the Northeast. Most of the remainder of the State received 0.20" or less, except for Peru with 1.20 inch.

The OUTLOOK for Wednesday thru Friday is calling for pleasantly cool temperatures. Showers could dampen soils on Friday. The 6 to 10 day extended outlook for July 26 to the 30th is calling for near normal temperatures while precipitation will be less than usual. The 30-day outlook from July 15 thru August 15 is for temperatures to be above normal. Precipitation is expected to be below normal. The 90-day outlook from July thru September is for near normal temperatures and precipitation.

Corn - Acreage Silked (Tasseled)



ILLINOIS CROP REPORTING DISTRICT SUMMARY

		NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
							As of July 20					
Corn: % silking (tasseling)		70	75	95	95	90	95	95	95	90	87	60
Soybeans:% blooming		60	60	80	85	75	85	85	75	70	77	57
Days suitable							Week ending July 18					
for fieldwork:		6.0	5.0	4.5	4.5	3.5	4.5	4.5	4.5	1.5	4.25	
Soil moisture %:	Short	0	10	0	0	0	0	5	10	0	3	
	Adequate	90	70	85	100	90	100	95	80	85	89	
	Surplus	10	20	15	0	10	0	0	10	15	8	

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 Midwest Agr. Weather Serv. Ctr. (W. Lafayette, Ind.) and National Weather Service Cooperative Observers.

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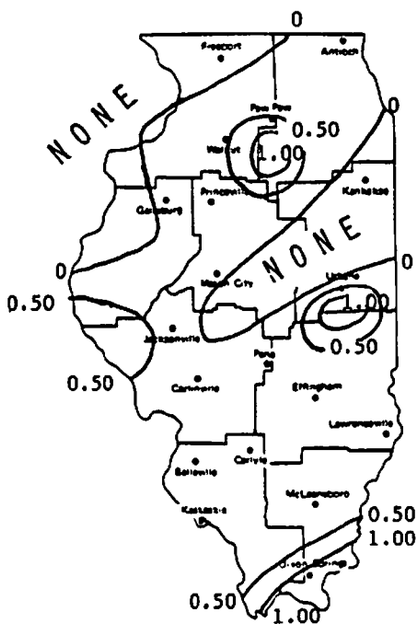
PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE
June	4.66	4.63	5.20	4.39	4.91	4.00	2.98	1.70	2.11
Departure	0.28	0.52	0.68	0.35	0.74	-0.20	-1.28	-2.34	-1.81

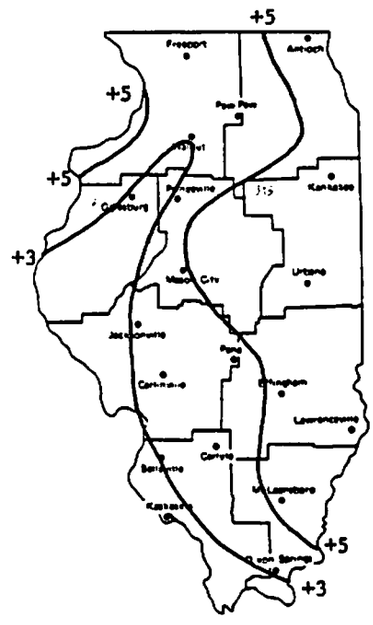
Week ending Sunday, July 20, 1986

Location	Temperatures			Precipitation			Growing Degree Days (50 deg)		
	Maximum	Minimum	Departure	Curr. week	Since May 1	Departure since May 1	Curr. week	Since May 1	Departure since May 1
Elizabeth	88	66	5	0.00	12.17	1.01	179	1328	-40
Rockford	89	69	6	0.21	10.32	-1.18	189	1482	119
Chicago	90	70	7	0.20	10.04	0.25	194	1373	29
Chi Botanical	88	70	4	0.83	22.13	NA	188	1200	-273
Elwood	90	68	5	0.00	9.16	-1.72	188	1482	96
Watseka	90	69	5	0.00	21.43	9.52	192	1506	7
Peru	89	69	4	1.20	18.06	7.39	191	1526	-20
Moline	91	71	6	0.02	17.55	5.68	202	1651	141
Peoria	90	71	5	0.06	15.75	5.28	198	1691	165
Kilbourne	90	71	4	0.14	14.96	4.04	201	1783	157
Monmouth	88	69	4	0.00	11.39	0.88	165	1540	21
Quincy	88	70	2	0.12	17.32	6.01	194	1772	148
Perry	89	69	2	0.07	7.88	-2.76	189	1745	79
Springfield	93	67	4	0.00	14.09	4.56	188	1838	179
Decatur	92	73	6	0.10	13.01	1.56	206	1802	147
Urbana	90	70	5	0.10	13.60	3.10	198	1677	102
Windsor	91	72	5	0.17	9.28	-1.97	205	1760	102
Terre Haute	91	72	6	0.00	9.61	-1.46	203	1680	93
St Louis	94	75	NA	0.39	9.26	NA	212	1984	NA
Belleville	92	71	4	0.50	8.63	-1.51	201	1853	122
Brownstown	91	72	4	0.21	10.35	-0.93	202	1895	223
Iuka	92	70	3	0.41	8.66	-1.84	197	1797	59
Lawrenceville	93	72	NA	0.00	18.86	NA	204	1796	NA
Vincennes	91	71	4	0.00	16.00	4.80	202	1780	100
Dixon Springs	94	70	3	0.87	17.46	6.60	198	1881	63
Paducah	93	73	4	2.36	16.75	5.25	206	1981	136
Olive Branch	94	71	4	0.00	12.43	0.90	200	1899	108
Carbondale	94	70	4	0.54	13.45	2.61	198	1859	122
C Girardeau	96	74	NA	0.00	14.74	NA	212	2023	NA

NOTE: Because of computer problems at the Illinois State Water Survey, the data in this table is provided by the Midwest Agricultural Weather Service Center.



PRECIPITATION FOR
5 DAYS ENDING JULY 18



TEMPERATURE DEVIATIONS FROM
NORMAL FOR 5 DAYS ENDING JULY 18

"Pr[illegible]ed by authority of the State of Illino[illegible]
7/21/86, 3,725, 1444