

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

The soybean crop condition improved last week as the majority of the crop has finished blooming and is now setting on and filling pods. Nitrogen shortages have been appearing in corn fields where excessive rains occurred before and during the growing season. Farmwork was limited last week in Northern Illinois as the result of heavy rainfall that fell the previous weekend causing ponding in some areas. Soybeans are podding well with some of the late planted and longer season soybean varieties just beginning to bloom. Spring seeded legumes have done well this summer with timely and above-average rainfall. Last week farmers were baling hay, tilling wheat and oat stubble, mowing roadsides, and cleaning out storage facilities. For the week of August 18-24, there was an average of four and one-quarter days suitable for fieldwork.

Condition of the CORN crop on August 24 was reported as 27% excellent, 68% good, 3% fair and 2% poor. Seventy-three percent was in the dough stage by August 26, compared to 89% last year and the five-year average (1984-88) of 94%. Twenty-three percent of the crop was in the dent stage compared to 51% last year and the average of 69%. One percent was mature compared to 4% last year and the average of 15%.

Condition of the SOYBEAN crop on August 24 was 16% excellent, 66% good, 15% fair and 3% poor. Eighty-six percent of the crop was setting pods by August 26, compared to complete last year and the average of 99%. Two percent were turning yellow, compared to 10% last year and the average of 18%.

Condition of the SORGHUM crop on August 24 was 10% excellent, 51% good, 28% fair, and 11% poor. By August 26, 54% of the crop was heading compared to 98% last year. Eight percent was turning color, compared to 58% last year.

ALFALFA HAY condition, as of August 24, was reported as 33% excellent, 59% good, 6% fair and 2% poor. Cutting of the third crop was 49% complete by August 26, compared to 70% last year and the average of 69%.

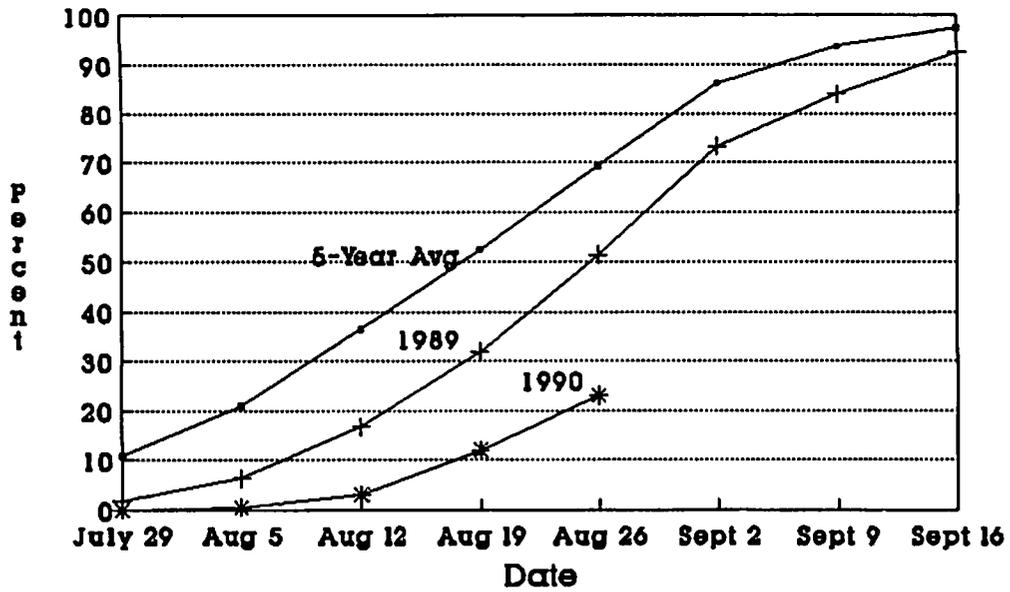
PASTURE condition, as of August 24, was reported as 23% excellent, 63% good, 12% fair, and 2% poor.

SOIL MOISTURE, as of August 24, was reported as 12% short, 71% adequate and 17% surplus.

ILLINOIS DISTRICT SUMMARY

District	: Corn Acreage : : % Dented :	: Days Suitable : : For Fieldwork :	Soil		
			: Moisture Percent	: Short	: Adequate
	: As of August 26		As of August 24		
Northwest	: 20	3.0	0	50	50
Northeast	: 25	2.0	0	40	60
West	: 25	5.0	0	95	5
Central	: 30	3.0	0	90	10
East	: 25	3.5	0	95	5
W Southwest	: 25	5.0	0	95	5
E Southeast	: 15	5.0	30	60	10
Southwest	: 25	6.0	35	65	0
Southeast	: 10	6.5	45	55	0
State	: 23	4.25	12	71	17
5-Year Avg.	: 69				

Corn - Acreage Dented Illinois



WEATHER

MORE SEASONABLE RAINFALL AND CONSIDERABLY WARMER TEMPERATURES AIDED CROP GROWTH FOLLOWING RECENT COOL WEATHER. MERCURIES ROSE WELL INTO THE 90'S BY WEEK'S END.

MEAN DAYTIME HIGHS RANGED FROM THE UPPER 70'S TO THE MID TO UPPER 80'S SOUTH, WHILE LOWS VARIED FROM THE MID 60'S TO NEAR 70. THESE TEMPERATURES WERE GENERALLY 1 TO 3 DEGREES ABOVE NORMAL. THE WARMER THAN NORMAL READINGS BOOSTED GROWING DEGREE DAY NUMBERS. ALTHOUGH TOTALS SINCE MAY 1ST REMAIN BELOW NORMAL, ILLINOIS GENERALLY RECEIVED 10 TO 25 GDD MORE THAN USUAL LAST WEEK.

CONSIDERABLY DRIER CONDITIONS DOMINATED THE STATE WITH MOST LOCATIONS RECEIVING WELL BELOW 1 INCH OF MOISTURE. ONLY PEORIA AND PONTIAC NOTED MORE THAN 1.00 INCH. MOST OF ILLINOIS RECEIVED 0.25 TO 0.75 INCHES WHILE ISOLATED AREAS TOTALED LESS THAN 1/4 OF AN INCH, HELPING TO ALLEVIATE MOISTURE WHICH HAD BEEN EXCESSIVE IN THE RECENT PAST.

Week ending 8 A.M. Monday, August 27, 1990

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	78	63	1	0.66	18.55	2.83	150	1972	-201
ROCKFORD	80	65	3	0.36	26.24	10.16	165	2154	-28
CHICAGO	78	67	2	0.98	21.36	7.42	164	2183	1
CHI BOTANICAL	77	66	2	0.62	22.81	8.77	154	1934	-61
ELWOOD	80	63	1	0.86	22.70	7.45	157	2116	-116
WATSEKA	81	64	2	0.77	22.56	6.36	164	2126	-211
PERU	80	65	1	0.51	26.97	12.15	163	2180	-256
MOLINE	81	68	3	0.94	26.85	10.14	174	2352	-45
PEORIA	80	66	1	1.80	27.66	13.00	168	2270	-143
KILBOURNE	83	67	2	0.28	29.11	13.49	176	2358	-172
MONMOUTH	80	67	2	0.65	23.17	7.79	170	2217	-228
QUINCY	83	67	2	0.20	20.61	4.49	180	2420	-129
PERRY	83	66	1	0.04	19.59	4.52	175	2334	-261
SPRINGFIELD	83	69	3	0.10	26.49	13.11	185	2497	-83
URBANA	82	64	0	0.56	18.34	3.25	164	2314	-151
WINDSOR	84	66	1	0.81	20.13	5.04	175	2418	-136
TERRE HAUTE	85	63	2	0.00	19.89	4.69	172	2392	-99
ST LOUIS	86	72	NA	0.00	17.92	NA	199	2842	NA
BELLEVILLE	85	65	0	0.20	14.12	0.06	175	2554	-119
BROWNSTOWN	84	63	0	0.40	18.26	2.56	167	2354	-242
IUKA	86	61	0	0.68	21.55	7.44	162	2332	-369
LAWRENCEVILLE	86	65	NA	0.62	23.24	7.32	178	2404	NA
VINCENNES	85	65	1	0.53	25.64	9.46	176	2431	-178
DIXON SPRINGS	87	66	0	0.04	20.97	5.68	182	2649	-147
PADUCAH	89	65	1	0.00	14.52	-1.11	181	2742	-77
OLIVE BRANCH	86	67	1	0.00	14.16	-1.96	185	2694	-70
CARBONDALE	85	65	0	0.13	17.46	1.88	175	2566	-134
C GIRARDEAU	87	66	NA	0.04	14.11	NA	184	2826	NA

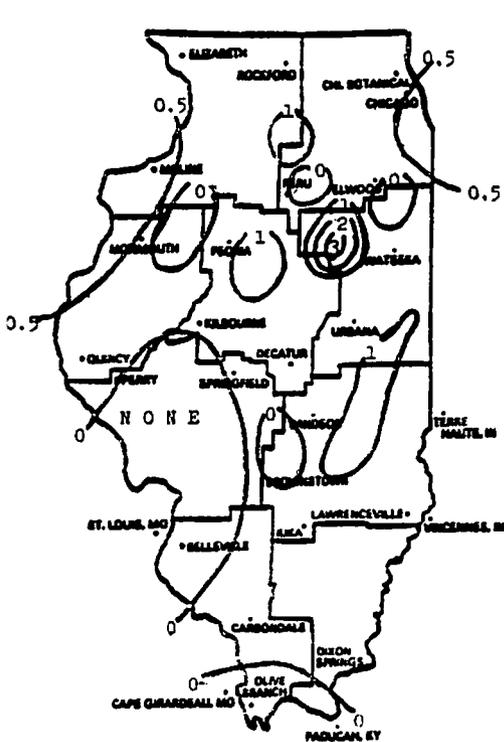
Information above provided by Midwest Agricultural Weather Service Center
Purdue University, West LaFayette, Indiana 47907

NEWSPAPER TIME VALUE

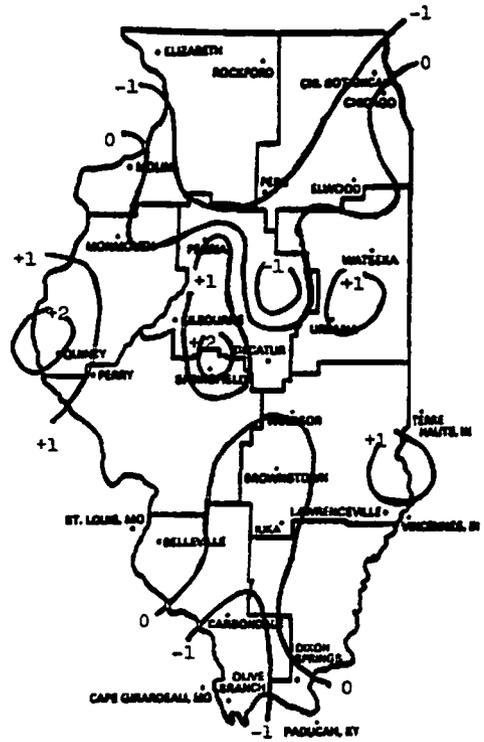
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 Champaign, Illinois 61820



PRECIPITATION (INCHES)
 AUG. 21-27, 1990



TEMPERATURE DEPARTURES FROM
 AVERAGE (°F) AUG. 21-27, 1990

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