

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

Extremely hot and dry weather conditions last week caused some stress on corn and soybeans but both crops remain in mostly good to excellent condition. Many corn fields were tasseling, but there were still reports of leaves rolling due to low moisture. Also, corn borer problems continue. Second cutting of alfalfa continues with some cases of alfalfa weevils. High temperatures, wind, and no moisture continue to cause stress upon livestock. Activities during the week included cultivating, spraying, roadside mowing, detasseling, walking beans, cutting and baling hay, and livestock care. For the week of June 22-28, there were six and a quarter days suitable for fieldwork.

Condition of the CORN crop on June 28 was reported as 14% excellent, 72% good, 10% fair, and 4% poor. The average height of all corn that had emerged by June 30 was 56 inches, compared to 27 inches last year and the average of 46 inches. The average height of the most advanced fields was 74 inches, compared to 43 inches last year and the average of 63 inches. Twenty-one percent of the crop had silked (tassled) by June 30, compared to less than 1% last year and the five year average of 8%.

By June 30, 48% of the SOYBEAN acreage was blooming compared to less than 1% last year and the average of 20%. Condition of the soybean crop on June 28 was 7% excellent, 76% good, 16% fair, and 1% poor. Ten percent of the crop was setting pods, compared to less than 1% last year and the average of 1%.

One hundred percent of the WINTER WHEAT acreage was ripe, compared to 76% last year and the average of 91%. The wheat harvest was 86% complete, compared to 34% last year and the average of 64%.

OAT condition was reported as 1% excellent, 67% good, 28% fair, and 4% poor as of June 28. By June 30, 99% of the oat acreage was filled, compared to 57% last year and the average of 83%. As of June 30, 36% of the crop was ripe which compares to 2% last year and the 5-year average of 15%. Ten percent of the oat acreage was harvested compared to less than 1% last year and the average of 4%.

SORGHUM condition as of June 28 was 8% excellent, 74% good, and 18% fair.

ALFALFA HAY condition, as of June 28, was reported as 3% excellent, 77% good, 18% fair and 2% poor. By June 30, cutting of the second crop of alfalfa hay was 55% complete, compared to 16% last year and the average of 33%.

PASTURE condition was rated at 82% of normal as of June 28.

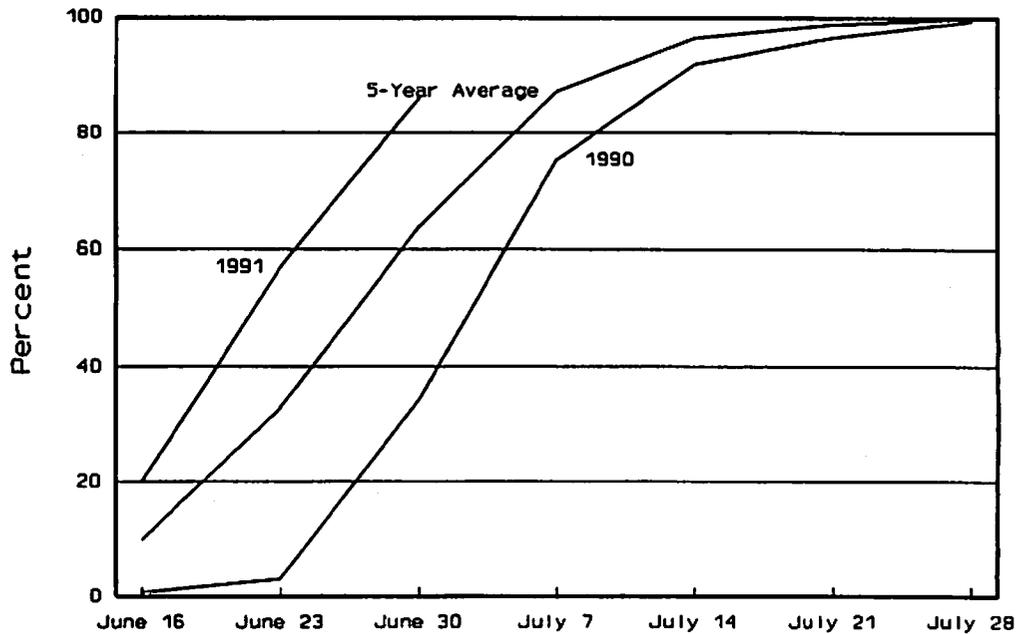
Cutting of CLOVER HAY was 90% complete by June 30, compared to 67% last year and the average of 83%.

SOIL MOISTURE was 72% short across the state and 28% adequate as of June 28.

ILLINOIS DISTRICT SUMMARY

District	Soybean % Blooming	Corn % Silked	Days Suitable For Fieldwork	Soil Moisture Percent		
				Short	Adq.	Surplus
	As of June 30		June 22-28	As of June 28		
Northwest	29	4	6.0	60	40	0
Northeast	38	<1	6.0	90	10	0
West	41	13	6.5	90	10	0
Central	61	36	7.0	70	30	0
East	68	17	6.5	90	10	0
W Southwest	51	31	6.0	40	60	0
E Southeast	47	32	6.0	70	30	0
Southwest	46	17	6.0	65	35	0
Southeast	24	22	6.0	75	25	0
State	48	21	6.25	72	28	0
5-Year Avg.	20	8				

Wheat - Percent of Acreage Harvested
Illinois



WEATHER

Summer warmth was in abundance last week as temperatures routinely flirted with the 90 degree mark and high humidity levels induced considerable heat stress on plants and animals alike.

Average daytime maximums varied from the upper 80's to near 90 while mean minimums ranged in the mid 60's to near 70. Statewide mean temperatures varied little with all locations reporting average temperatures in the upper 70's. Northern Illinois noted the hottest readings last week while to the south, clouds kept temperatures slightly more subdued. Kilbourne reported the warmest temperature in the State with a reading of 98 degrees.

If it were not for some isolated thunderstorms which erupted late Sunday over northern Illinois, almost no rain would have fallen across the entire State last week. Scattered northern areas reported one-tenth of an inch with isolated totals of near 0.70 inch. Elsewhere, no precipitation was measured except for a widely scattered one to three-tenth inch amount which fell over far southern sections early in the period.

Week ending 8 A.M. Monday, July 1, 1991

Location	Temperatures			Precipitation		Growing Degree Days(50F)		
	:Maxi- : mum	:Mini- : mum	:Deapar- : ture	:Curr- : week	:Since : May 1	:Departure : since	:Curr- : week	:Since : May 1
ELIZABETH	88	66	6	0.09	4.72	1/	182	1126
ROCKFORD	88	66	6	0.11	5.59		186	1215
CHICAGO	88	67	6	0.00	4.79		184	1185
CHI BOTANICAL	86	64	2	0.18	4.52		170	1099
ELWOOD	89	67	6	0.02	4.59		189	1288
WATSEKA	88	66	4	0.10	4.40		184	1299
PERU	89	67	4	0.00	7.00		189	1292
MOLINE	90	68	5	0.68	4.79		193	1287
PEORIA	89	69	5	0.71	6.68		195	1319
KILBOURNE	91	67	4	0.00	5.08		189	1317
MONMOUTH	87	69	4	0.00	4.40		192	1256
QUINCY	89	70	4	0.00	9.59		200	1363
PERRY	88	65	1	0.00	5.43		182	1320
SPRINGFIELD	87	70	3	0.00	6.72		197	1382
URBANA	90	68	5	0.00	8.14		193	1362
WINDSOR	88	66	2	0.00	4.77		187	1402
TERRE HAUTE	90	68	5	0.00	NA		194	NA
ST LOUIS	91	75	NA	0.01	NA		217	NA
BELLEVILLE	89	66	1	0.00	4.54		188	1423
BROWNSTOWN	87	69	3	0.00	7.25		196	1409
IUKA	89	68	2	0.00	3.81		193	1450
LAWRENCEVILLE	88	67	NA	0.00	2.28		187	1417
VINCENNES	89	67	2	0.00	NA		191	NA
DIXON SPRINGS	88	67	0	0.32	2.12		190	1410
PADUCAH	89	71	2	0.00	3.32		203	1562
OLIVE BRANCH	88	69	1	0.10	6.48		196	1478
CARBONDALE	89	68	1	0.00	3.15		193	1470
C GIRARDEAU	89	72	NA	0.00	NA		207	NA

1/ Data not available from Midwest Agricultural Weather Service.

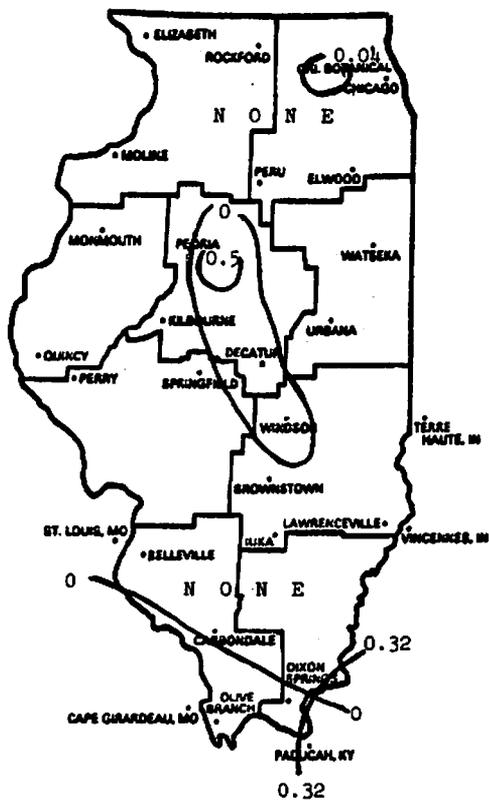
Information above provided by Midwest Agricultural Weather Service Center
Purdue University, West LaFayette, Indiana 47907

NEWSPAPER TIME VALUE

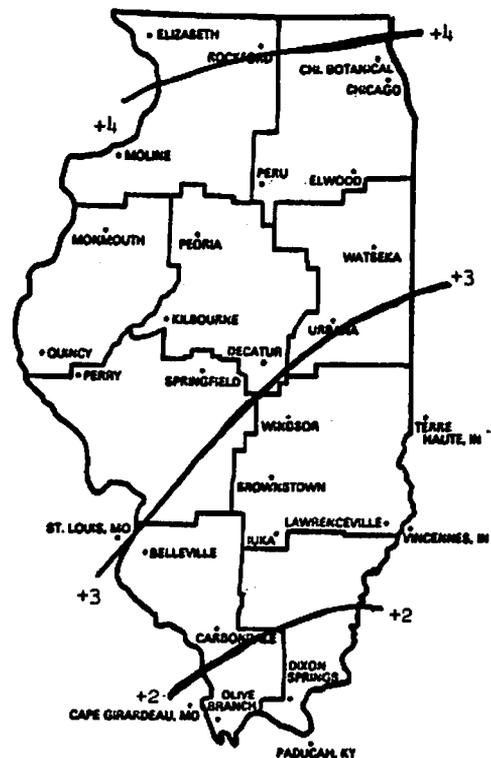
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PRECIPITATION (INCHES)
JUNE 25-JULY 1, 1991



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) JUNE 25-JULY 1, 1991

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

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