

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

Crop development was advanced by above average temperatures and sunny skies last week. These same weather conditions also helped deplete soil moisture supplies in Southern Illinois where supplies were reported as short. Surplus moisture supplies were reported in the Northern two districts of the State. Hail and high winds caused some crop damage in the Northeast, Central, and East crop reporting districts. Many farmers have been attending field crop demonstration plots. Nearly half of the corn crop has entered the dent stage, lessening the fear of freeze damage to that portion of the crop. Last week farmers were mowing roadsides and diverted acres, baling hay, preparing equipment for harvest, and preparing fields for winter wheat seeding. For the week of August 25-31, there was an average of five and one-half days suitable for fieldwork.

Condition of the CORN crop on August 31 was reported as 24% excellent, 71% good, 4% fair and 1% poor. Eighty percent was in the dough stage by September 2, compared to 96% last year and the five-year average (1984-88) of 98%. Forty-two percent of the crop was in the dent stage compared to 73% last year and the average of 86%. Three percent was mature compared to 16% last year and the average of 32%.

Condition of the SOYBEAN crop on August 31 was 11% excellent, 71% good, 16% fair and 2% poor. Ninety-four percent of the crop was setting pods by September 2, compared to complete for both last year and the average. Five percent were turning yellow, compared to 20% last year and the average of 35%.

Condition of the SORGHUM crop on August 31 was 4% excellent, 67% good, 20% fair, and 9% poor. By September 2, 71% of the crop was heading compared to complete last year. Ten percent was turning color, compared to 62% last year.

ALFALFA HAY condition, as of August 31, was reported as 18% excellent, 64% good, 17% fair and 1% poor. Cutting of the third crop was 59% complete by September 2, compared to 73% last year and the average of 77%.

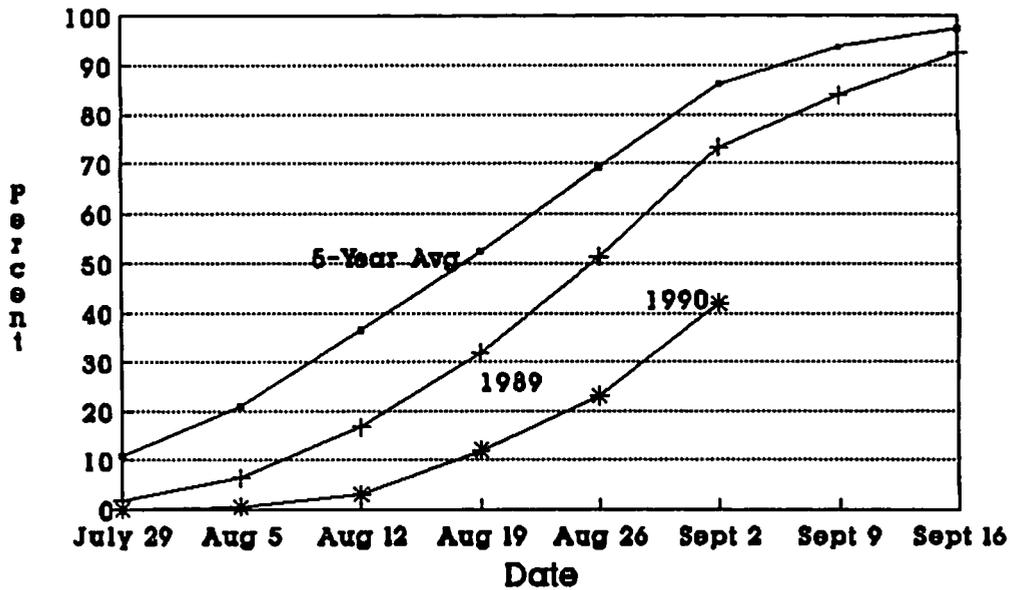
PASTURE condition, as of August 31, was reported as 14% excellent, 65% good, 20% fair, and 1% poor.

SOIL MOISTURE, as of August 31, was reported as 21% short, 73% adequate and 6% surplus.

ILLINOIS DISTRICT SUMMARY

District	: Corn Acreage : % Dented	: Days Suitable : For Fieldwork	Soil			
			: Moisture Percent	: Short	: Adequate	: Surplus
	: As of September 2		As of August 31			
Northwest	: 40	5.0	0	75	25	
Northeast	: 40	6.0	0	80	20	
West	: 45	5.5	0	100	0	
Central	: 55	4.5	0	90	10	
East	: 50	5.0	0	100	0	
W Southwest	: 40	6.5	10	90	0	
E Southeast	: 35	5.5	35	65	0	
Southwest	: 30	6.5	85	15	0	
Southeast	: 15	6.0	60	40	0	
State	: 42	5.5	21	73	6	
5-Year Avg.	: 86					

Corn - Acreage Dented Illinois



WEATHER

IT WAS A WARM AND OFTEN HUMID WEEK ACROSS ILLINOIS AS TEMPERATURES AVERAGED 3 TO 7 DEGREES ABOVE NORMAL. AVERAGE HIGHS WERE IN THE MID 80'S TO LOW 90'S, WHILE AVERAGE LOWS RANGED FROM AROUND 60 TO THE MID 60'S. THE MERCURY CLIMBED INTO THE MID AND UPPER 90'S TOWARDS MID-WEEK WITH BELLEVILLE RECORDING 99 DEGREES ON THE 28TH.

THE HOT AND HUMID WEATHER SET THE STAGE FOR SEVERE WEATHER TUESDAY AS A COOL FRONT DIPPED SOUTH THROUGH THE STATE. SEVERE THUNDERSTORMS WITH TORNADOES AND LARGE HAIL PUMMELED SECTIONS OF NORTHERN ILLINOIS TUESDAY AFTERNOON. RAIN AMOUNTS WERE QUITE VARIABLE FOR THE WEEK AND RANGED FROM ONLY A TENTH INCH OR SO TO OVER AN INCH. ASIDE FROM TUESDAY AFTERNOON THROUGH WEDNESDAY MORNING, MOST OF THE STATE WAS DRY THE REST OF THE WEEK.

HOT WEATHER WILL PREVAIL UNTIL THE WEEKEND WHEN COOLER AND LESS HUMID AIR IS FORECAST. HIGHS FROM THE MID 80'S NORTH TO MID 90'S SOUTH THURSDAY, WILL COOL TO THE UPPER 70'S NORTH TO UPPER 80'S SOUTH ON SATURDAY.

OVERNIGHT LOWS BY THE WEEKEND SHOULD BE IN THE UPPER 50'S AND 60'S. THERE IS A CHANCE OF THUNDERSTORMS IN THE NORTH FRIDAY AND THE SOUTH SATURDAY.

Week ending 8 A.M. Monday, September 3, 1990

Location	Temperatures			Precipitation		Growing Degree Days(50F)			
	:Maxi- :mum	:Mini- :mum	:Depar- :ture	:Curr.: :week	:Since: :May 1:	:Departure :since :May 1:	:Curr.: :week	:Since :May 1:	
ELIZABETH	85	59	4	0.00	18.55	2.00	153	2125	-170
ROCKFORD	86	63	6	0.43	26.67	9.75	169	2324	13
CHICAGO	86	64	6	0.03	21.39	6.64	174	2357	40
CHI BOTANICAL	86	63	6	0.03	24.37	9.57	168	2104	-17
ELWOOD	88	60	5	0.67	23.42	7.42	164	2277	-90
WATSEKA	86	60	3	0.21	22.77	5.83	162	2289	-185
PERU	85	62	3	0.67	27.64	12.06	165	2346	-233
MOLINE	87	67	7	0.42	27.27	9.71	183	2535	0
PEORIA	86	64	5	0.84	28.50	13.03	176	2446	-108
KILBOURNE	89	64	5	0.42	29.53	13.00	178	2537	-144
MONMOUTH	85	64	4	1.06	24.23	8.03	172	2389	-199
QUINCY	89	66	6	0.07	20.68	3.63	186	2611	-87
PERRY	90	63	4	0.04	19.63	3.75	175	2509	-239
SPRINGFIELD	89	67	6	0.19	26.68	12.58	188	2685	-47
URBANA	87	63	4	1.02	19.36	3.51	173	2487	-124
WINDSOR	90	66	6	0.41	20.54	4.72	186	2604	-106
TERRE HAUTE	89	64	5	1.12	21.01	5.13	178	2570	-71
ST LOUIS	93	73	NA	0.00	17.92	NA	211	3053	NA
BELLEVILLE	92	67	6	0.22	14.18	-0.64	190	2747	-89
BROWNSTOWN	89	64	4	0.33	18.59	2.12	176	2532	-219
IUKA	91	61	2	0.45	22.00	7.24	169	2501	-364
LAWRENCEVILLE	88	65	NA	0.31	23.55	6.92	180	2584	NA
VINCENNES	88	64	3	0.51	26.15	9.16	178	2609	-160
DIXON SPRINGS	92	65	3	0.14	21.11	5.08	183	2833	-132
PADUCAH	94	66	4	0.10	14.62	-1.78	185	2928	-66
OLIVE BRANCH	89	63	2	0.00	14.16	-2.77	177	2868	-66
CARBONDALE	91	63	3	0.05	17.51	1.13	176	2740	-125
C GIRARDEAU	92	67	NA	0.03	14.14	NA	189	3015	NA

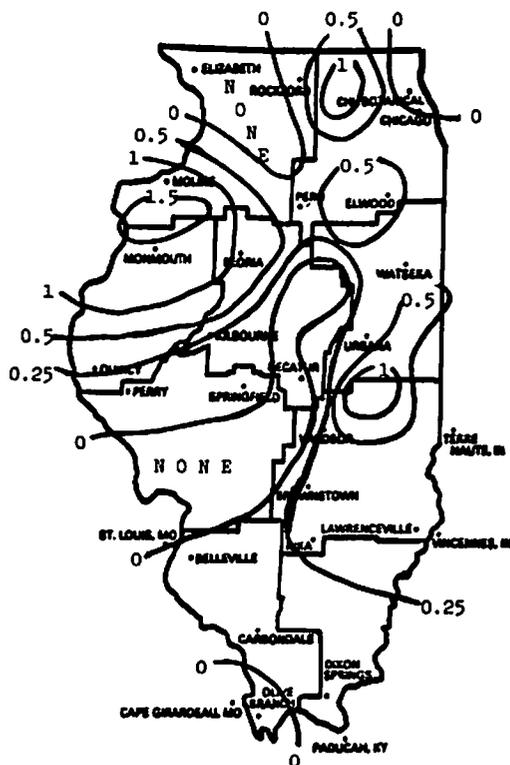
Information above provided by Midwest Agricultural Weather Service Center
Purdue University, West LaFayette, Indiana 47907

NEWSPAPER TIME VALUE

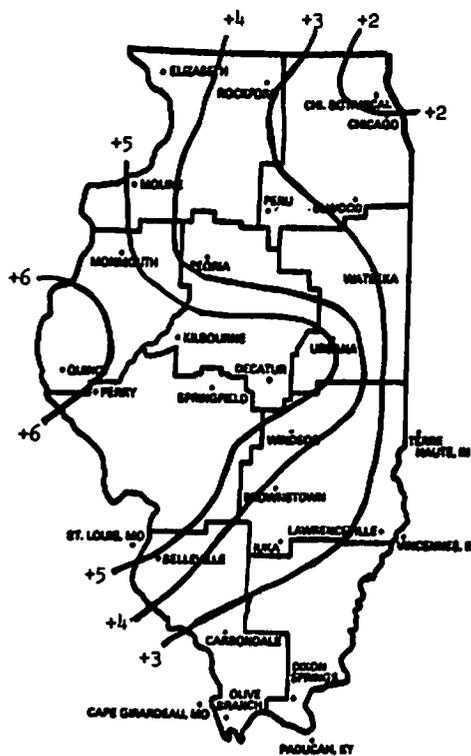
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Champaign, Illinois 61820



PRECIPITATION (INCHES)
AUG. 28-SEPT. 3, 1990



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) AUG. 28-SEPT. 3, 1990

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