

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

Farmers were trying to finish corn planting between rain showers in Central and Northern Illinois last week, while Southern Illinois farmers were anxiously waiting dry weather conditions so they could resume corn planting. Wet field conditions in Southern Illinois have persisted throughout the spring and have caused planting of corn in that area to be almost three weeks behind normal. Planting last week was sporadic as showers and heavy rainfall prevented farmers from making significant progress. Soil moisture supplies across the State were almost equally divided between adequate and surplus, except for a small percentage rated as short, in the West and West-Southwest Districts. Last week farmers were applying chemicals, planting row crops, scouting alfalfa fields for weevils, and caring for livestock. For the week of May 5-11, there was an average of two and one-quarter days suitable for fieldwork.

CORN planting, as of May 13, was 65% complete, compared to 80% last year and the 5-year average of 89%. Condition of the corn crop on May 11 was reported as 3% excellent, 69% good, 26% fair and 2% poor.

SOYBEAN planting, as of May 13, was 11% complete, compared to 22% last year and the average of 41%.

WINTER WHEAT condition, as of May 11, was reported as 6% excellent, 73% good and 21% fair. By May 13, 31% of the acreage was headed, compared to 23% last year and the average of 48%. By May 13, 1% of the acreage was filled, compared to 3% last year and the average of 8%.

OAT condition, as of May 11, was reported as 10% excellent, 80% good, and 10% fair.

SORGHUM planting, as of May 13, was 2% complete, compared to 14% last year and the average of 24%.

ALFALFA HAY condition, as of May 11, was reported as 12% excellent, 59% good, 23% fair and 6% poor. Cutting of the first crop alfalfa hay was 3% complete by May 13, compared to 7% last year and the average of 11%.

PASTURE condition, as of May 11, was reported as 14% excellent, 78% good and 8% fair.

RED CLOVER condition, as of May 11, was reported as 8% excellent, 67% good, 24% fair and 1% poor.

SOIL MOISTURE, as of May 11, was reported as 2% short, 51% adequate, and 47% surplus.

COOLER WETTER THAN NORMAL WEATHER PREVAILED ACROSS MUCH OF ILLINOIS FOR THE PERIOD. A SERIES OF LOW PRESSURE SYSTEMS MOVED FROM THE GREAT PLAINS ACROSS THE MIDWEST PRODUCING THUNDERSTORMS. DAILY HIGH TEMPERATURES AVERAGED FROM THE MID AND UPPER 60'S NORTH TO THE UPPER 60'S TO LOWER 70'S SOUTH, WHICH WAS MOSTLY 3 TO 7 DEGREES BELOW NORMAL ACROSS THE STATE. LOWS AVERAGED IN THE MID 40'S TO AROUND 50 ACROSS ILLINOIS WHICH WAS CLOSE TO NORMAL CENTRAL AND NORTH, BUT 2 TO 4 DEGREES BELOW NORMAL SOUTH. COLDEST READINGS FOR THE SEVEN DAY PERIOD WERE MOSTLY IN THE UPPER 30'S TO LOWER 40'S, EXCEPT FOR THE LOWER 30'S FAR NORTH.

RAINFALL TOTALS FOR THE PERIOD AVERAGED FROM 0.50 TO 2.75 INCHES SOUTH, TO 1 TO 3.50 INCHES CENTRAL AND NORTH. THIS WAS 0.50 TO NEAR 3 INCHES ABOVE NORMAL. BASE 50 GROWING DEGREE DAY ACCUMULATIONS SINCE MAY 1ST INCREASED TO AROUND 110 NORTH AND TO 130 TO AROUND 165 SOUTH.

THE EXTENDED FORECAST INDICATES A CHANCE OF THUNDERSTORMS WEDNESDAY AND THURSDAY WITH HIGHS MOSTLY IN THE 80'S AND LOWS IN THE 60'S. FAIR COOLER WEATHER MAY FOLLOW ON FRIDAY WITH HIGHS IN THE 60'S AND 70'S AND LOWS IN THE 50'S TO 60'S.

Week ending 8 A.M. Monday, May 14, 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	64	41	-4	2.25	3.34	1.47	63	103	-33
ROCKFORD	64	45	-2	1.60	3.43	1.66	62	99	-24
CHICAGO	65	48	0	3.65	5.41	3.93	67	110	-12
CHI BOTANICAL	65	46	-2	3.66	5.55	3.98	66	91	-32
ELWOOD	67	46	-1	3.44	5.15	3.43	70	117	-7
WATSEKA	67	44	-3	1.82	1.89	-0.03	66	108	-34
PERU	66	47	-3	3.52	5.60	3.79	69	109	-41
MOLINE	65	49	-2	1.90	5.25	3.32	69	110	-27
PEORIA	66	48	-2	1.87	3.18	1.41	68	108	-31
KILBOURNE	69	49	-2	1.49	3.16	1.21	83	129	-34
MONMOUTH	65	47	-4	1.01	3.33	1.59	62	100	-53
QUINCY	67	48	-3	2.01	3.27	1.30	73	113	-36
PERRY	69	46	-4	1.89	3.66	1.79	77	122	-45
SPRINGFIELD	69	50	-1	2.07	3.57	1.97	83	130	-26
URBANA	68	48	-2	2.90	4.16	2.49	73	134	-12
WINDSOR	66	49	-4	5.23	6.58	4.79	68	124	-37
TERRE HAUTE	67	47	-3	2.77	4.23	2.43	71	128	-23
ST LOUIS	71	53	NA	0.82	2.08	NA	92	165	NA
BELLEVILLE	70	49	-3	0.90	1.63	-0.11	79	155	-23
BROWNSTOWN	67	49	-4	2.38	4.15	2.19	70	129	-41
IUKA	68	45	-6	1.96	3.28	1.55	73	135	-42
LAWRENCEVILLE	68	45	NA	2.14	3.82	NA	71	135	NA
VINCENNES	68	51	-3	1.56	3.72	1.81	76	134	-34
DIXON SPRINGS	71	49	-5	1.57	3.10	1.01	87	176	-34
PADUCAH	71	50	-5	0.41	1.73	-0.32	89	167	-43
OLIVE BRANCH	70	49	-5	1.51	2.50	0.32	83	166	-30
CARBONDALE	69	48	-5	1.56	2.95	1.02	75	144	-48
C GIRARDEAU	70	51	NA	1.57	2.74	NA	85	167	NA

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

ILLINOIS DISTRICT SUMMARY

District	: Corn Acreage : % Planted	: Days Suitable : For Fieldwork	Soil			
			: Moisture Percent	: Short	: Adequate	: Surplus
	: As of May 13		As of May 11			
Northwest	: 70	1.5	0	80		20
Northeast	: 75	2.5	0	30		70
West	: 65	1.5	5	65		30
Central	: 93	2.0	0	85		15
East	: 90	3.0	0	80		20
W Southwest	: 60	3.5	10	60		30
E Southeast	: 35	2.0	0	30		70
Southwest	: 15	2.0	0	15		85
Southeast	: 10	1.5	0	15		85
State	: 65	2.25	2	51		47
5-Year Avg.	: 89					

PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
April	2.77	1.65	1.97	2.21	2.05	2.26	3.17	4.40	5.80	2.92
Departure	-0.73	-1.87	-1.77	-1.61	-1.75	-1.49	-0.67	0.23	1.46	-0.91

APRIL WEATHER SUMMARY

DURING APRIL ILLINOIS RECORDED BELOW NORMAL TEMPERATURES ENDING A THREE MONTH WARM PERIOD. PRECIPITATION WAS BELOW NORMAL.

MONTHLY TEMPERATURES AVERAGED ONE DEGREE BELOW NORMAL AS READINGS WERE IN THE 50'S AND 60'S. THE FIRST HALF OF THE MONTH RECORDED BELOW NORMAL READINGS. TEMPERATURES ROSE ABOVE THE NORM DURING THE FOURTH WEEK. FOR THE THIRD MONTH IN A ROW ELIZABETH (IN THE NORTHWEST DISTRICT) RECORDED THE LOWEST TEMPERATURE, 15 DEGREES ON THE 7TH. ST. LOUIS (NEAR THE WEST-SOUTHWEST DISTRICT) RECORDED THE HIGHEST MAXIMUM READING, 90 DEGREES ON THE 25TH.

THE AVERAGE PRECIPITATION FOR THE STATE WAS .91 OF AN INCH BELOW NORMAL. THE NORTHEAST DISTRICT RECORDED THE LEAST AMOUNT OF PRECIPITATION WITH 1.65 INCHES (1.87 INCHES BELOW NORMAL). CARBONDALE (WHICH IS IN THE SOUTHWEST DISTRICT) RECORDED THE GREATEST PRECIPITATION TOTAL WITH MORE THAN 6 INCHES.

THE OUTLOOK FOR THE REMAINDER OF MAY IS FOR TEMPERATURES AND PRECIPITATION TO BE NEAR NORMAL.

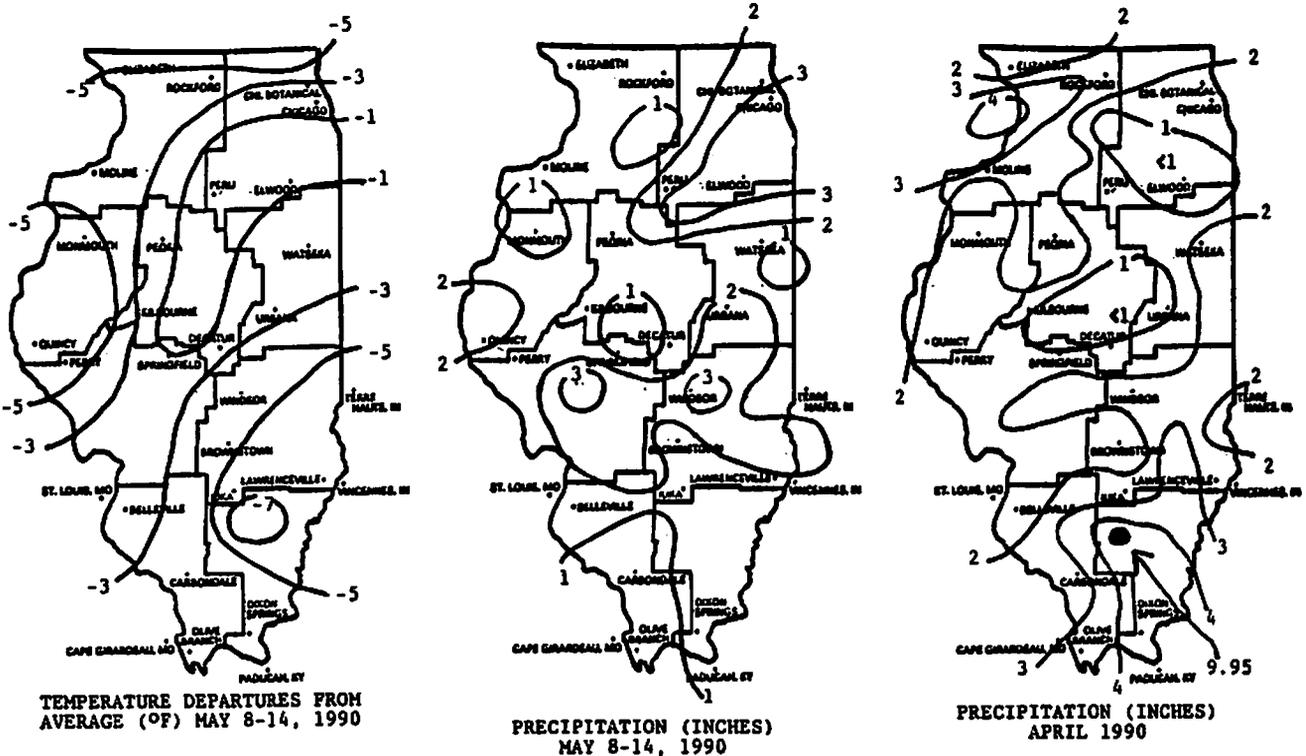
THE 90-DAY OUTLOOK FOR ILLINOIS FOR MAY THROUGH JULY IS FOR TEMPERATURES TO BE BELOW NORMAL. PRECIPITATION IS EXPECTED TO BE ABOVE NORMAL IN THE SOUTHERN HALF.

NEWSPAPER TIME VALUE

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