

# 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

While some farmers were nearing completion of corn planting in the northern and central parts of the State, weekend rains and wet fields still hindered farmers in the south. Various amounts of rain fell on almost every area of the State last weekend, and there were several reports of hail damage to wheat and newly emerged corn in the West and West Southwest Districts. Some areas suffered from erosion and others, including bottom land, may require replanting. There were also reports of powdery mildew forming on wheat. As the week progressed, things began to dry out again and farmers returned to the fields. This warming trend should prove helpful to crops. Farm activities included corn and soybean planting, hay harvesting, checking alfalfa for weevils and corn for cutworms, and livestock care. There was an average of three and one-half days suitable for field work for the week of May 4 - 10.

**CORN** planting was 78% complete as of May 12, compared to 63% last year and the 5-year average of 84%. Condition of the corn crop on May 10 was reported as 6% excellent, 66% good, and 28% fair.

**SOYBEAN** planting was 25% complete as of May 12, compared to 10% last year and the average of 33%.

**WINTER WHEAT** condition, as of May 10, was reported as 6% excellent, 64% good, 26% fair, and 4% poor. By May 12, 30% of the acreage was headed, compared to 28% last year and the average of 41%. Five percent of the acreage was filled as of May 12, compared to 1% last year and the average of 5%.

**OAT** condition was reported as 7% excellent, 80% good, and 13% fair as of May 10.

**SORGHUM** planting, as of May 12, was 12% complete, compared to 1% last year and the average of 20%.

**ALFALFA HAY** condition, as of May 10, was reported as 11% excellent, 74% good, 14% fair, and 1% poor. Cutting of the first crop of alfalfa hay was 10% complete by May 12, compared to 3% last year and the average of 9%.

**PASTURE** condition, as of May 10, was rated at 95% of normal.

**RED CLOVER** condition was reported as 16% excellent, 74% good, and 10% fair as of May 10.

**SOIL MOISTURE**, as of May 10, was reported as 3% short, 72% adequate, and 25% surplus.

**ILLINOIS DISTRICT SUMMARY**

District	Soybean Acreage % Planted	Corn Acreage % Planted	Days Suitable For Fieldwork	Soil Moisture Percent		
				Short	Adq.	Surplus
				Week ending May 12		
Northwest	25	80	5.0	5	95	0
Northeast	15	80	4.0	0	90	10
West	20	70	2.5	0	65	35
Central	30	95	3.0	10	50	40
East	20	90	3.0	0	100	0
W Southwest	15	75	2.0	0	45	55
E Southeast	25	70	4.0	5	90	5
Southwest	20	65	4.0	0	50	50
Southeast	10	45	3.0	0	60	40
State	25	78	3.5	3	72	25
5-Year Avg.	33	84				

**PRELIMINARY DISTRICT PRECIPITATION AVGS. AND DEPARTURES FROM NORMAL IN INCHES**

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE
April	3.02	3.83	2.82	2.53	2.41	3.33	2.67	3.74	3.83	3.13
Departure	-0.48	0.31	-0.92	-1.29	-1.39	-0.42	-1.17	-0.43	-0.51	-0.70

**APRIL WEATHER SUMMARY**

TEMPERATURES WERE ABOVE NORMAL DURING APRIL IN ILLINOIS. PRECIPITATION WAS SLIGHTLY BELOW NORMAL.

THE AVERAGE TEMPERATURE DEPARTURE FOR THE STATE WAS 3.9 DEGREES ABOVE NORMAL. THE FIRST HALF OF THE MONTH RECORDED ABOVE NORMAL READINGS AS HIGHS CLIMBED INTO THE 80'S. DURING MID-MONTH A COOL PERIOD DEVELOPED, LOWS FELL INTO THE 20'S IN THE NORTH. ABOVE NORMAL READINGS RETURNED TO THE STATE AT THE END OF THE MONTH. ELIZABETH (IN THE NORTHWEST DISTRICT) RECORDED THE HIGHEST MAXIMUM READING, 85 DEGREES ON THE 7TH. OLIVE BRANCH (IN THE WEST-SOUTHWEST DISTRICT) RECORDED THE LOWEST TEMPERATURE, 22 DEGREES. SPRINGFIELD RECORDED NO FREEZING MINIMUM TEMPERATURES DURING THE MONTH. THIS WAS THE FIRST APRIL SINCE 1978 IN WHICH NO FREEZING READINGS WERE RECORDED AT SPRINGFIELD.

THE AVERAGE PRECIPITATION FOR THE STATE WAS 0.70 OF AN INCH BELOW NORMAL. THE EAST DISTRICT RECORDED THE GREATEST AVERAGE PRECIPITATION DEPARTURE WITH 1.39 INCHES BELOW NORMAL. THE NORTHEAST WAS THE ONLY DISTRICT ABOVE NORMAL. GALVA (IN THE NORTHWEST DISTRICT) RECORDED THE GREATEST PRECIPITATION TOTAL FOR THE MONTH WITH MORE THAN 6 INCHES.

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

THE 90-DAY OUTLOOK FOR ILLINOIS FROM MAY THROUGH JULY IS FOR BELOW NORMAL TEMPERATURES AND NEAR NORMAL PRECIPITATION.

Summary provided by The National Weather Service Cooperative Observers  
NOAA, Rosemont, Illinois

## WEATHER

THE WEATHER TURNED DRIER FOR THE WEEK. WEEKLY PRECIPITATION TOTALS RANGED FROM ZERO TO ABOUT A HALF INCH, THOUGH A FEW SPOTS SAW MORE. NORTHERN AND CENTRAL ILLINOIS WERE GENERALLY THE DRIEST.

A COLD FRONT LATE LAST WEEKEND BROUGHT HIGHS ONLY IN THE 40'S AND 50'S TO MUCH OF THE STATE ON MONDAY. LOWS MONDAY NIGHT DIPPED INTO THE MID AND UPPER 30'S ACROSS THE NORTH. HIGH PRESSURE PREVAILED UNTIL MIDWEEK WHEN A WARM FRONT SLOWLY DRIFTED NORTH WEDNESDAY. WARM AND HUMID SUMMERLIKE WEATHER APPEARED FOR THE WEEKEND WITH HIGHS INTO THE LOW AND MID 80'S.

THE WEEK AVERAGED ABOUT 2 TO 5 DEGREES WARMER THAN NORMAL DESPITE THE CHILLY START. AVERAGE HIGHS WERE IN THE LOW AND MID 70'S WITH AVERAGE LOWS IN THE LOW AND MID 50'S. BASE 50 GROWING DEGREE-DAYS FOR CORN TOTALLED ABOUT 90 TO 115 IN NORTH AND CENTRAL ILLINOIS TO 120 TO 140 IN THE FAR SOUTH. THIS WAS ABOUT 20 TO 40 ABOVE NORMAL.

THE EXTENDED FORECAST FOR WEDNESDAY THROUGH FRIDAY CALLS FOR MORE SUMMERLIKE WEATHER WITH A CHANCE OF SCATTERED THUNDERSTORMS, MORE TOWARDS THURSDAY AND FRIDAY. HIGHS WILL BE IN THE 80'S WITH LOWS IN THE 60'S.

Week ending 8 A.M. Monday, May 13, 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:	Departure :since
ELIZABETH	72	48	5	0.00	0.77	-0.94	93	128	14
ROCKFORD	73	52	5	0.00	0.56	-1.01	98	134	20
CHICAGO	71	53	5	0.04	1.37	0.06	95	137	27
CHI BOTANICAL	71	51	6	0.12	1.65	0.27	91	120	30
ELWOOD	73	52	5	0.00	0.73	-0.81	102	151	32
WATSEKA	74	53	4	0.02	0.83	-0.89	108	169	38
PERU	73	53	5	0.00	0.72	-0.93	106	164	43
MOLINE	74	53	4	0.01	0.50	-1.26	104	155	28
PEORIA	74	55	5	0.00	1.77	0.15	110	172	45
KILBOURNE	74	55	3	0.00	1.74	-0.06	110	171	25
MONMOUTH	72	54	3	0.00	1.25	-0.33	103	151	11
QUINCY	72	58	4	0.03	2.40	0.57	112	169	34
PERRY	73	56	5	0.00	2.17	0.44	111	172	41
SPRINGFIELD	74	57	4	0.00	3.28	1.85	117	182	38
URBANA	74	55	3	0.03	2.97	1.46	111	177	43
WINDSOR	74	54	3	0.04	1.72	0.08	113	193	50
TERRE HAUTE	75	54	3	0.10	0.99	-0.67	118	195	56
ST LOUIS	77	61	NA	0.09	1.59	NA	139	231	NA
BELLEVILLE	75	51	-1	0.35	1.40	-0.19	105	195	21
BROWNSTOWN	73	56	2	1.31	2.64	0.84	112	192	39
IUKA	77	56	5	0.21	0.21	-1.37	126	205	61
LAWRENCEVILLE	73	56	1	0.30	0.66	-1.09	113	193	24
VINCENNES	72	56	2	0.65	1.12	-0.66	109	193	40
DIXON SPRINGS	77	56	2	0.70	1.04	-0.93	122	210	34
PADUCAH	78	61	4	2.27	2.50	0.59	139	242	49
OLIVE BRANCH	76	56	3	0.51	1.05	-1.00	124	219	56
CARBONDALE	75	57	2	0.28	0.75	-1.05	120	207	33
C GIRARDEAU	76	62	NA	0.59	1.54	NA	137	237	NA

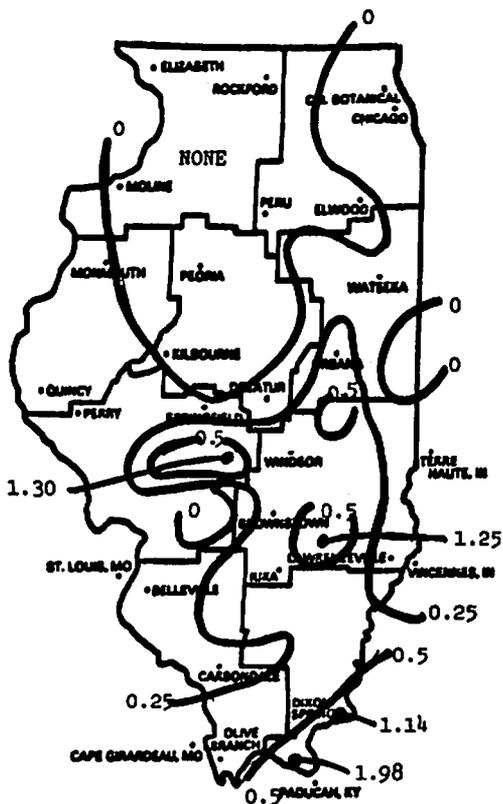
Information above provided by Midwest Agricultural Weather Service Center  
Purdue University, West LaFayette, Indiana 47907

NEWSPAPER TIME VALUE

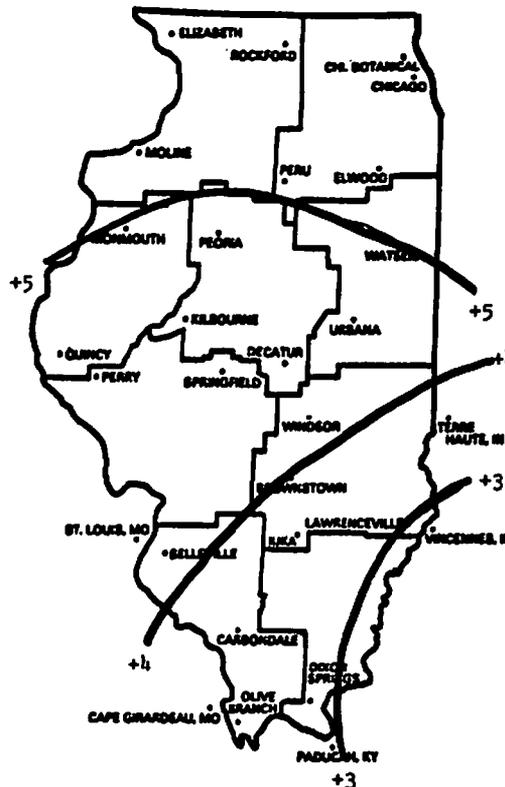
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PRECIPITATION (INCHES)  
MAY 7-13, 1991



TEMPERATURE DEPARTURES FROM  
AVERAGE (°F) MAY 7-13, 1991

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

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