ILLINOIS WEATHER & CROPS

ILLINOIS AGRICULTURAL STATISTICS SERVICE
P.O. Box 19283, Springfield, IL 62794-9283
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U.S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE
http://www.agr.state.il.us/agstats.htm

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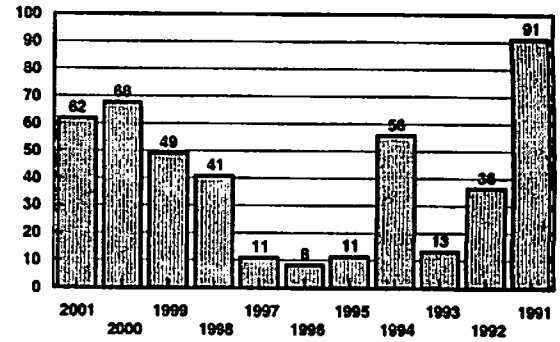
Agricultural Summary

Corn and soybean conditions fell slightly last week as cooler than normal temperatures and dry weather continued. Rain is needed across most of the state, except for southern areas which received from one to two inches more than normal. Topsoil moisture across the state is rated as three percent surplus, 46 percent adequate, 39 percent short and 12 percent very short. No substantial rain has fallen in some areas since the end of June, with crops on lighter soils, or in areas where the rains skipped, beginning to show signs of stress. Concern is higher now because corn is in the critical pollination period. A myriad of bugs (Japanese beetles, corn borer, corn and soybean aphids, etc.) are showing up in the fields and causing some concern because of the potential to damage corn silks and defoliate soybeans. Wheat harvest pushed closer to completion with comments received ranging from "disappointing" to "the best wheat crop in several years". Ninety-eight percent of the wheat crop was harvested as of July 15 compared to 94 percent last year and the five-year average of 91 percent. Post emergence weed spraying on soybeans is nearly wrapped up and farmers were completing double-crop soybean planting. Other activities last week included baling straw, mowing roadsides, making hay, attending county fairs and certifying planted acres at the local FSA offices.

Crop Progress Table

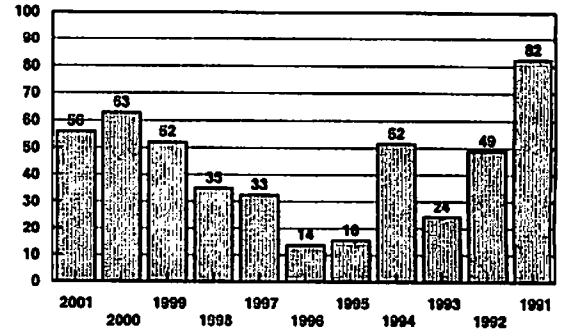
Crop Stage	2001	2000	5-Year Average
		July 15	
CORN:			
Silked	62	68	35
Dough	8	8	3
SOYBEANS:			
Blooming	56	63	39
Setting pods	12	13	6
SORGHUM:			
Headed	20	7	3
WHEAT:			
Harvested	98	94	91
OATS:			
Filled	97	97	93
Turning yellow	84	87	74
Ripe	38	42	29
Harvested	19	19	11
ALFALFA HAY:			
Second cutting	79	68	60
Third cutting	11	10	5
RED CLOVER:			
Cut	91	91	93

Corn - Percent Silked
Illinois



As of July 15

Soybeans - Percent Blooming
Illinois



As of July 15

Crop Conditions

Crop	Very Poor	Poor	Fair	Good	Excellent
		July 13			
Corn	1	4	21	54	20
Soybeans	1	7	30	48	14
Sorghum	-	5	39	53	3
Alfalfa	-	5	34	50	11
Pasture	3	13	39	40	5

Soil Moisture and Days Suitable for Fieldwork Table

District	Days Suitable for Fieldwork	Topsoil Moisture Very Short	Short	Adequate	Surplus
	July 7 - 13		July 13		
Northwest	6.5	6	45	48	1
Northeast	5.9	14	52	26	8
West	6.9	9	50	40	1
Central	6.7	16	48	36	-
East	4.9	13	15	70	2
W Southwest	6.7	20	48	31	1
E Southeast	4.8	1	18	69	12
Southwest	6.0	16	46	37	1
Southeast	4.8	21	25	51	3
State	6.0	12	39	46	3

Crop Progress by Districts

District	Corn Silked	Corn Dough	Soybeans Blooming	Soybeans Setting Pods
		July 15		
Northwest	36	3	40	4
Northeast	33	1	60	7
West	65	5	43	7
Central	70	5	74	14
East	58	4	53	12
W. Southwest	78	22	58	11
E. Southeast	80	14	61	32
Southwest	87	31	50	14
Southeast	87	33	59	10

Weather Information Table

Location	Temperature Maximum	Temperature Minimum	Temperature Departure	Precipitation Current week	Precipitation Since May 1	Precipitation Departure	Growing Degree Days Current week	Growing Degree Days Since May 1	Growing Degree Days Departure
				July 9 - 15					
Northwest:									
Freeport	94	55	1	0.00	9.96	0.60	168	1207	5
Kewanee	89	57	-2	0.78	14.01	4.09	159	1264	-49
Moline	93	57	-1	1.01	14.18	3.19	172	1415	43
Mount Carroll	94	52	2	0.00	10.23	-0.41	161	1230	79
Paw Paw	91	57	0	0.00	7.82	-2.27	159	1137	-33
Rochelle	91	55	-2	0.00	8.42	-1.89	156	1196	-80
Rockford	96	56	1	0.00	6.16	-4.06	170	1268	57
Northeast:									
Aurora	93	51	-2	0.00	7.00	-3.08	152	1224	-6
Chicago	93	57	0	0.00	6.40	-2.47	166	1228	31
De Kalb	91	58	1	0.00	8.71	-1.41	166	1229	6
Lake Villa	91	55	2	0.00	7.40	-1.81	164	1126	56
McHenry	90	53	-2	0.00	8.67	-1.21	149	1104	-59
Morris	90	56	-2	2.45	9.44	0.08	163	1324	18
Ottawa	92	58	1	0.74	11.16	1.36	178	1424	20
Park Forest	91	57	-1	0.00	7.33	-2.69	164	1264	18
West:									
Bentley	93	58	0	0.30	13.11	2.74	179	1419	38
Galesburg	91	59	-1	0.02	8.90	-0.87	172	1212	-173
Quincy	95	58	-2	0.17	9.71	-0.98	185	1489	12
Central:									
Bloomington	95	55	-2	0.00	9.10	-0.82	178	1362	-130
Decatur	94	56	0	0.00	8.44	-1.79	188	1550	49
Lincoln	93	50	-3	0.00	6.86	-3.27	165	1395	-58
Peoria	93	57	-1	0.01	8.67	-1.15	178	1441	34
East:									
Champaign	90	50	-4	0.20	6.09	-4.13	159	1399	-39
Pontiac	90	56	-3	0.82	9.87	0.07	158	1329	-57
West Southwest:									
Carlinville	95	57	-2	0.74	11.10	1.26	180	1516	-38
Morrisonville	94	52	-3	0.74	8.78	-1.31	172	1430	-61
Springfield	94	53	-2	0.00	7.64	-1.17	178	1505	-8
East Southeast:									
Brownstown	95	56	-3	1.59	12.47	2.05	172	1562	72
Flora	92	54	-4	2.50	9.74	-0.83	168	1574	12
Hutsonville	98	54	-4	3.70	13.52	3.13	170	1507	-51
Iuka	97	53	-4	3.15	11.75	1.50	171	1472	-131
Lawrenceville	94	56	-2	3.45	11.97	1.60	181	1510	-53
Newton	92	52	-5	0.75	7.62	-2.03	155	1383	-108
Paris	92	53	-3	0.76	12.04	1.67	168	1453	-65
Windsor	95	54	-2	0.00	8.51	-1.16	179	1523	8
Southwest:									
Carbondale	94	53	-3	0.44	11.07	0.52	176	1621	26
Lebanon	100	56	-2	0.18	7.95	-1.50	187	1597	9
Olive Branch	97	57	0	0.41	7.71	-3.11	195	1712	53
Southeast:									
Mt Vernon	95	56	-3	2.26	10.41	0.62	180	1505	-30

Data is for the weekly period that ends on Sunday at 8:00 a.m.
Departure is from the overall average for the week during the 1961-90 period.
Precipitation and Growing Degree Day departures are from the 1961-90 average since May 1. Growing Degree Days are base 50 using a maximum temperature of 86 degrees.

Data prepared by AWIS, Inc.
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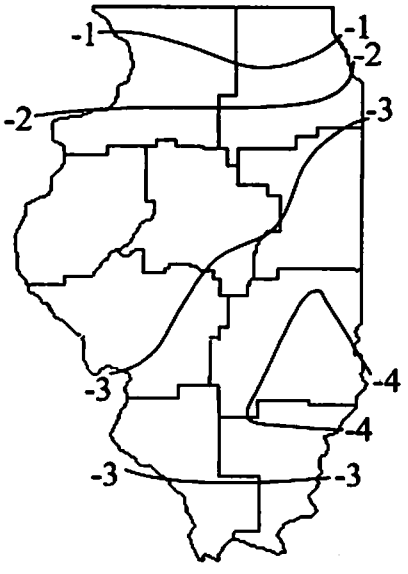
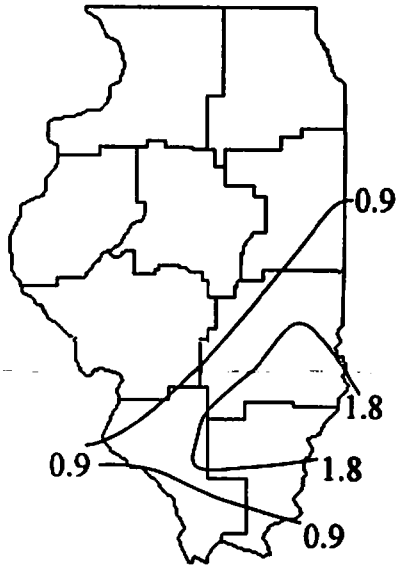


Temperature (°F) Departure
July 9 - 15



Precipitation (in.) Total
July 9 - 15

Crop PROGRESS INFORMATION in this report is provided voluntarily by local area officials of Farm Service Agency, Extension Service, National Resources Conservation Service, Farm Business Farm Management field staff, and agribusiness managers.

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