

# ILLINOIS WEATHER & CROPS



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ILLINOIS DEPARTMENT OF AGRICULTURE  
<http://www.nass.usda.gov>

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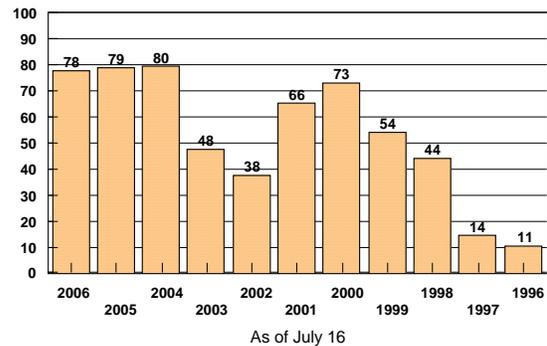
## Agricultural Summary

Weather conditions changed drastically across the state last week from mild temperatures to hot. Rainfall totals varied from none to nine inches, with totals of one to two inches being very common across a large portion of the state. Primarily northern Illinois received the least rain with southern Illinois farmers receiving the most. Some localized storms caused lodging in corn fields which may lead to harvest delays and yield loss. Flooding of river bottoms in the south caused crop damage while in the north corn pollination was being affected by hot and dry weather. Overall the rains received across the state last week were very beneficial to the corn crop and the soybean crop received a much needed boost. Fungicide spraying for gray leaf spot disease in corn was being completed in some areas as weather conditions encouraged its' growth. Spraying for corn rootworm beetles and to a lesser extent Japanese beetles also continued in corn to prevent silk clipping during pollination. Soybean plant growth took a noticeable jump this last week where rainfall was abundant. Seed corn detasseling was very active last week as well as grain movement to river terminals. Farmers were harvesting wheat and oats in the north and fresh sweet corn was being enjoyed by all.

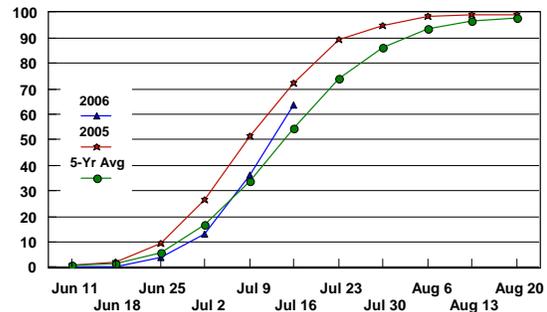
### Crop Progress

Crop Stage	2006	2005	5-Year Average
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: : : 5-Year			
: 2006 : 2005 : Average			
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July 16			
<b>CORN:</b>			
Silked	78	79	62
Dough	9	10	8
<b>SOYBEANS:</b>			
Blooming	64	72	55
Setting Pods	11	15	12
<b>SORGHUM:</b>			
Headed	14	23	17
<b>WINTER WHEAT:</b>			
Harvested	96	98	96
<b>OATS:</b>			
Turning Yellow	93	97	86
Ripe	39	71	48
Harvested	14	41	23
<b>ALFALFA:</b>			
Second Cutting	93	93	79
Third Cutting	19	14	10

### Corn - Percent Silked Illinois



### Soybeans - Percent Blooming Illinois



**Crop Conditions**

Crop	: Very Poor	: Poor	: Fair	: Good	: Excellent
	July 16				
Corn	1	6	26	50	17
Soybeans	2	8	31	48	11
Sorghum	9	14	37	39	1
Alfalfa	1	7	27	46	19
Pasture	5	15	34	37	9

**Soil Moisture and Days Suitable for Fieldwork Table**

District	Days Suitable for Fieldwork		Topsoil Moisture			
	: Average	: Normal	: Very Short	: Short	: Adequate	: Surplus
	July 10 - 16			July 16		
Northwest	5.5		11	37	52	-
Northeast	5.2		16	13	70	1
West	6.1		35	45	20	-
Central	4.5		9	35	56	-
East	4.5		3	30	65	2
W Southwest	5.7		20	39	41	-
E Southeast	5.2		4	23	73	-
Southwest	6.0		36	38	25	1
Southeast	2.2		-	15	53	32
State	5.2		15	33	50	2

**Crop Progress by Districts**

District	Corn		Soybeans	
	: Silked	: Dough	: Blooming	: Setting Pods
	July 16			
Northwest	75	8	67	5
Northeast	69	5	67	29
West	89	10	72	19
Central	87	5	92	26
East	67	4	67	6
W Southwest	77	23	54	5
E Southeast	79	8	48	4
Southwest	91	26	55	6
Southeast	85	19	37	12
State	78	9	64	11

**Weather Information Table**

District	Temperature			Precipitation		
	: Average	: Normal	: Departure	: Total	: Normal	: Departure
	July 10 - 16					
Northwest	76.3	74.2	2.1	0.89	0.76	0.14
Northeast	75.8	74.1	1.7	1.05	0.70	0.35
West	79.0	76.6	2.4	1.33	0.79	0.54
Central	78.7	75.7	3.0	1.51	0.77	0.74
East	77.3	75.1	2.2	2.02	0.78	1.24
W Southwest	78.8	77.3	1.5	1.55	0.75	0.80
E Southeast	78.5	77.2	1.3	1.56	0.88	0.68
Southwest	78.9	78.4	0.4	2.49	0.75	1.74
Southeast	78.7	78.4	0.3	3.55	0.83	2.72
State	77.9	76.2	1.7	1.68	0.78	0.91

**Weather Information Table**

Location	Temperature			Precipitation			Growing Degree Days		
	:Maxi- : mum	:Mini- : mum	:Depar- : ture	:Current : week	: Since : May 1	:Depar- : ture	:Current : week	: Since : May 1	:Depar- : ture
July 10 - 16									
<b>Northwest:</b>									
Freeport	93	62	2	0.58	7.97	-1.51	174	1223	-2
Kewanee	93	66	4	1.26	6.33	-3.73	196	1332	-5
Moline	98	69	6	0.55	6.09	-5.06	216	1502	104
Mount Carroll	93	57	1	0.51	10.71	-0.05	160	1097	-76
Paw Paw	93	62	2	2.09	10.15	-0.07	171	1201	9
Rochelle	92	63	1	0.72	7.69	-2.73	173	1210	-90
Rockford	94	62	3	0.10	7.91	-2.44	182	1258	24
<b>Northeast:</b>									
Aurora	93	62	3	0.31	6.98	-3.23	177	1223	-30
Chicago	97	65	4	0.39	9.28	0.30	190	1308	88
Antioch	93	61	3	1.47	7.90	-1.45	169	1178	86
McHenry	93	60	1	0.41	10.79	0.78	164	1103	-83
Morris	93	65	4	1.22	7.84	-1.64	194	1339	9
Ottawa	93	65	3	1.47	9.05	-0.87	195	1368	-61
Park Forest	95	66	3	2.72	11.69	1.54	182	1294	24
<b>West:</b>									
Galesburg	95	70	5	0.91	7.12	-2.79	212	1547	137
Prairie City	95	66	5	1.09	6.64	-3.87	205	1505	98
Quincy	93	65	3	1.39	6.97	-3.87	204	1525	21
<b>Central:</b>									
Bloomington	98	62	3	1.87	8.96	-1.09	198	1461	-57
Decatur	93	67	4	2.18	7.31	-3.06	211	1613	85
Havana	96	63	4	1.15	6.64	-2.96	208	1551	30
Lincoln	92	62	2	4.62	11.57	1.31	195	1479	0
Peoria	95	68	5	0.28	3.84	-6.12	210	1505	72
<b>East:</b>									
Champaign	90	62	1	2.60	8.57	-1.80	184	1427	-36
Pontiac	93	68	4	1.73	6.69	-3.24	195	1375	-36
<b>West Southwest:</b>									
Carlinville	92	66	2	0.72	8.09	-1.87	196	1518	-63
Morrisonville	93	65	2	1.78	8.50	-1.73	200	1476	-41
Springfield	93	63	3	1.49	6.04	-2.88	202	1541	1
<b>East Southeast:</b>									
Effingham	92	61	2	0.78	9.67	-0.89	198	1509	-8
Flora	93	63	2	1.11	9.52	-1.17	200	1566	-23
Hutsonville	98	66	5	1.61	7.97	-2.58	219	1711	126
Iuka	93	63	0	1.08	15.19	4.81	192	1502	-129
Hidalgo	95	65	3	2.24	9.92	-0.22	208	1590	42
Paris	93	65	2	1.31	14.45	3.92	195	1485	-60
Windsor	93	63	3	1.07	8.35	-1.45	202	1523	-19
<b>Southwest:</b>									
Carbondale	93	65	2	3.41	12.68	2.01	206	1689	66
Lebanon	96	64	2	1.11	10.01	0.45	205	1613	-3
Steeleville	93	66	-1	1.95	11.00	1.07	201	1546	-163
<b>Southeast:</b>									
Grand Chain	91	66	0	5.41	14.94	4.22	204	1706	-16
Grayville	93	63	0	3.09	13.94	2.89	204	1630	-99
Mt Vernon	91	63	-1	3.07	12.63	2.70	189	1500	-62

Data is for the weekly period that ends on Sunday at 8:00 a.m.  
 Growing Degree Days are base 50 using a maximum temperature of 86 degrees.

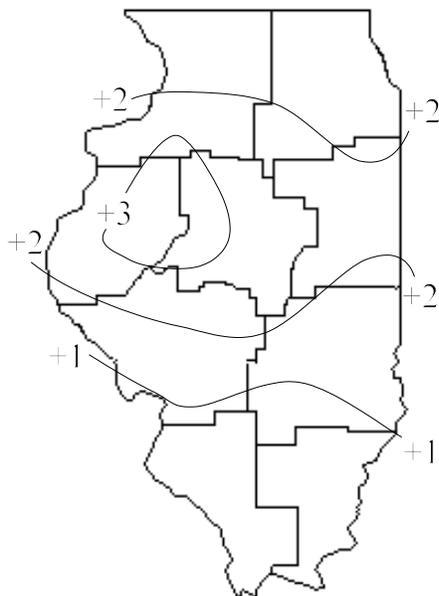
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NEWSPAPER TIME VALUE

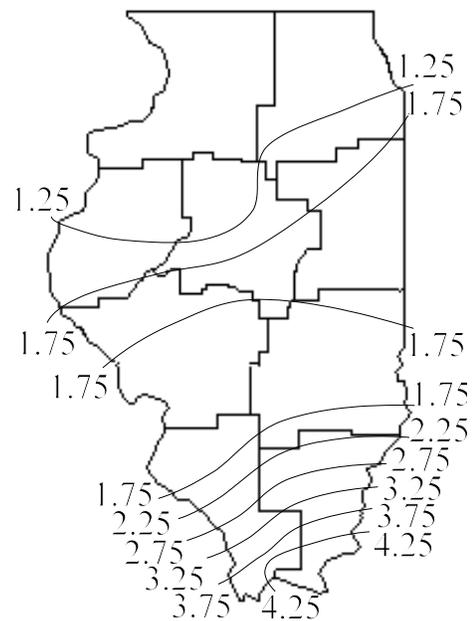
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Temperature (°F) Departure  
July 10 - 16



Precipitation (in.) Total  
July 10 - 16

For a U.S. summary and other state data go to:  
<http://www.usda.gov/nass/pubs/staterpt.htm>  
The Illinois report is also available on the Internet at:  
<http://www.nass.usda.gov/il/wc.htm>

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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