

# ILLINOIS WEATHER & CROPS



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ILLINOIS DEPARTMENT OF AGRICULTURE  
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## Agricultural Summary

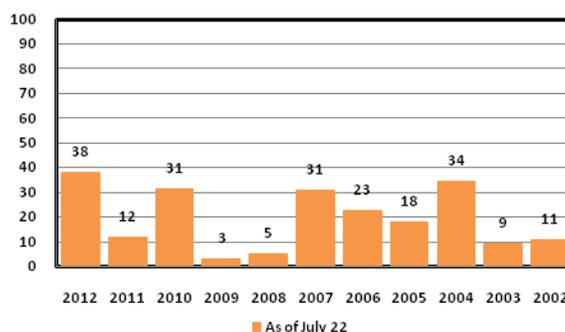
The hot and dry weather continued again this week with a few areas experiencing spotty showers. Statewide temperatures averaged 81.8 degrees, 5.1 degrees above normal. Precipitation totaled 0.28 inches across the state, 0.68 inches below normal. Topsoil moisture continued to worsen and was rated at 80 percent very short, 19 percent short and only 1 percent adequate. Subsoil moisture was rated 77 percent very short, 20 percent short and only 3 percent adequate. Corn silked has reached 98 percent, compared to 79 percent last year and the 5-year average of 74 percent. Corn doughed was at 38 percent, compared to 12 percent last year and the 5-year average of 16 percent. Corn conditions continued declining and were rated at 36 percent very poor, 30 percent poor, 27 percent fair, and 7 percent good. There were several reports from southern areas of producers cutting corn originally intended for grain into silage or even disking it under. Eighty-four percent of the soybean crop is now blooming, compared to 61 percent last year and the 5-year average of 59 percent. Forty percent of the soybean crop is now setting pods, compared to 13 percent last year and the 5-year average of 18 percent. Soybean conditions were rated at 24 percent very poor, 25 percent poor, 38 percent fair, 12 percent good, and 1 percent excellent. Forty-six percent of the sorghum crop is now headed and 2 percent is coloring. Oats harvested increased to 63 percent, compared to 45 percent last year and the 5-year average of 35 percent. The second cutting of alfalfa remained at 98 percent complete while the third cutting increased to 48 percent. Pasture conditions were rated at 64 percent very poor, 27 percent poor, 8 percent fair, and 1 percent good. Many cattle producers are continuing to feed hay in order to make up for the low growth of pastures.

### Crop Progress Percents

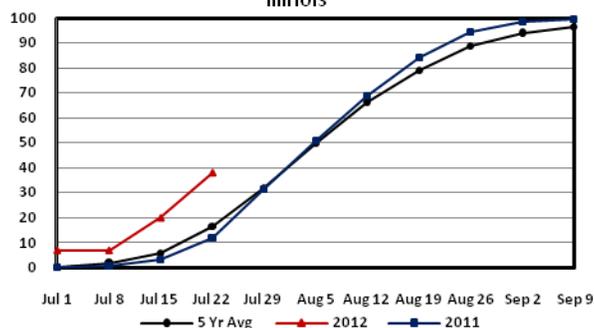
	This Week	Last Week	2011	5-Year Average
July 22				
<b>CORN:</b>				
Silked	98	93	79	74
Dough	38	20	12	16
Dent	8	1	1/	1
<b>SOYBEANS:</b>				
Blooming	84	70	61	59
Setting pods	40	15	13	18
<b>SORGHUM:</b>				
Headed	46	17	24	27
Coloring	2	2	1/	1
<b>OATS:</b>				
Turning yellow	99	98	95	93
Ripe	91	85	71	60
Harvested	63	60	45	35
<b>ALFALFA:</b>				
Second cut	98	98	90	86
Third cut	48	28	11	12

1/ Data not available or less than one percent.

Corn - Percent Dough  
Illinois



Corn - Percent Dough  
Illinois

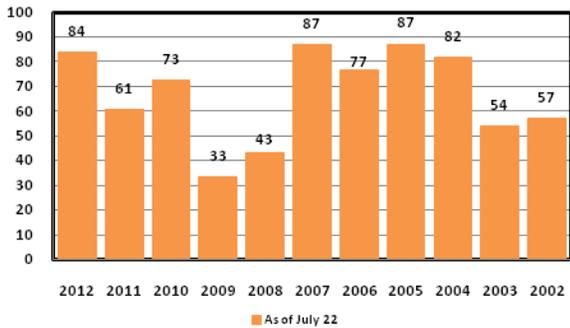


**Crop Condition Percents**

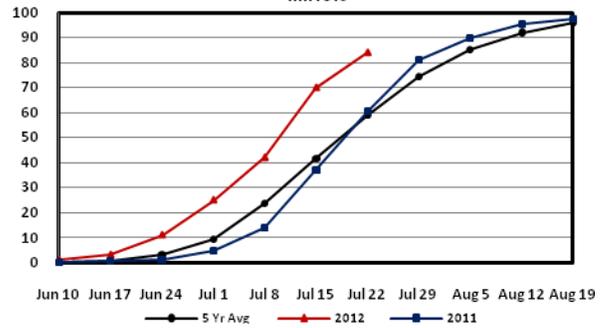
Crop	Very Poor	Poor	Fair	Good	Excellent
July 22					
Corn	36	30	27	7	-
Soybeans	24	25	38	12	1
Pasture	64	27	8	1	-
Sorghum	47	43	9	1	-

District	Days Suitable For Fieldwork	Topsoil				Subsoil			
		Very Short	Short	Adequate	Surplus	Very Short	Short	Adequate	Surplus
July 16-22		July 22							
Northwest	6.6	71	27	2	-	66	32	2	-
Northeast	6.3	66	33	1	-	60	32	8	-
West	7.0	89	11	-	-	93	6	1	-
Central	7.0	80	20	-	-	80	19	1	-
East	6.4	60	35	5	-	58	32	10	-
W Southwest	7.0	85	15	-	-	84	16	-	-
E Southeast	6.9	92	8	-	-	90	10	-	-
Southwest	7.0	97	3	-	-	96	4	-	-
Southeast	6.3	94	6	-	-	94	6	-	-
State	6.7	80	19	1	-	77	20	3	-

**Soybeans - Percent Blooming  
Illinois**



**Soybeans - Percent Blooming  
Illinois**



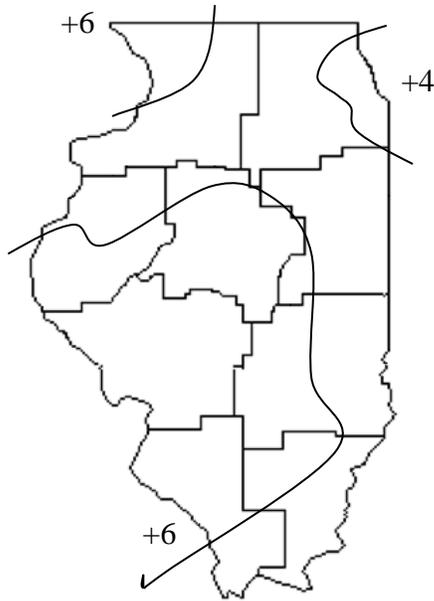
**Crop Progress Percents by Districts**

District	Corn Silked	Corn Dough	Corn Dent	Soybeans Blooming	Soybeans Setting Pods
July 22					
Northwest	95	16	-	67	27
Northeast	96	11	3	95	55
West	100	44	5	95	48
Central	99	50	10	87	54
East	99	33	3	88	46
W Southwest	98	67	19	77	24
E Southeast	100	46	8	85	44
Southwest	94	36	9	82	31
Southeast	98	55	30	82	23
State	98	38	8	84	40

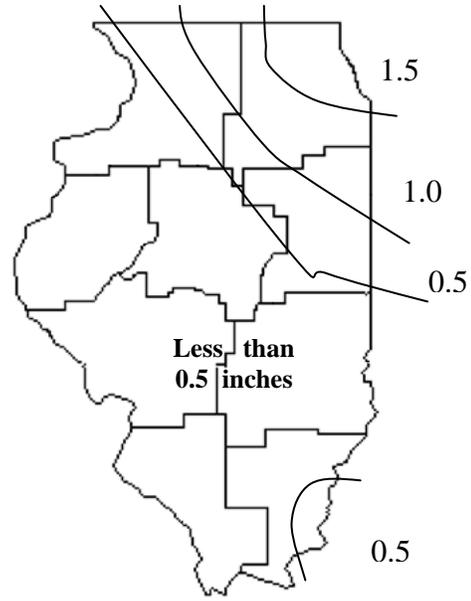
**Weather Information Table**

District	Temperature		Precipitation		Growing Degree Days 1/		
	Average	Departure	Total	Departure	Since May 1	Departure	
		July 16 - 22					
Northwest	79.7	4.9	0.26	-0.74	1,726	237	
Northeast	79.4	4.7	1.15	-0.06	1,699	253	
West	81.9	4.8	0.08	-0.95	1,825	197	
Central	81.3	5.2	0.13	-0.95	1,787	191	
East	80.7	5.1	0.42	-0.68	1,769	192	
W Southwest	82.8	5.2	0.09	-0.70	1,869	181	
E Southeast	82.4	4.8	0.06	-0.90	1,879	181	
Southwest	84.8	5.9	0.11	-0.60	1,909	153	
Southeast	84.4	5.5	0.25	-0.52	1,945	171	
State	81.8	5.1	0.28	-0.68	1,819	197	

1/ Growing degree days (GDD's) are calculated by subtracting a 50-degree (F) base temperature from the average of the maximum and minimum temperatures for the day. The daily maximum temperature is limited to 86 degrees (F) and daily minimum is 50 degrees (F). Thus, if the mean temperature for the day is 75 degrees, then 25 GDD's will have been accumulated.



Temperature (°F) Departure  
July 16 – July 22



Precipitation (in.) Total  
July 16 – July 22

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<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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