

# ILLINOIS WEATHER & CROPS



P.O. Box 19283, Springfield, IL 62794-9283  
 Phone: (217)492-4295  
 U.S. DEPARTMENT OF AGRICULTURE  
 ILLINOIS DEPARTMENT OF AGRICULTURE  
<http://www.agr.state.il.us/agstats.htm>

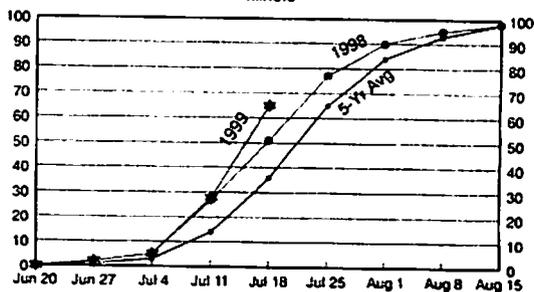
RELEASED: July 19, 1999 3 P.M., CT  
 VOL. 20, NO. 21

More dry weather last week helped farmers in Illinois finish wheat harvest and progress quickly with oat harvest, but signs of heat stress on the corn and soybean crops is becoming more evident. Topsoil moisture was rated ten percent very short, 43 percent short, 45 percent adequate and two percent surplus at the end of last week. Corn development, at 65 percent silked and eight percent in the dough stage, is slightly ahead of the 1998 crop and well ahead of the five-year average. Corn was rated 20 percent excellent, 54 percent good, 21 percent fair, four percent poor and one percent very poor. Sixty-two percent of the soybean crop was blooming, with 11 percent setting pods, also ahead of last year's crop and the five-year average. The Central district still leads the state with 80 percent blooming and 29 percent setting pods. The soybean condition was rated 16 percent excellent, 54 percent good, 24 percent fair, five percent poor and one percent very poor. Oat harvest was in full swing, with 42 percent already out of the field by the end of the week, compared to only six percent harvested by this time last year and the five-year average of 12 percent. Other activities for last week included hauling grain, baling hay, mowing weeds, scouting fields and FSA certification.

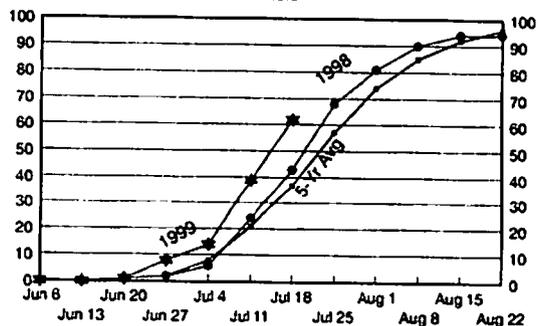
### Crop Progress

Crop Stage	1999	1998	5-Year Average
July 18			
<b>CORN:</b>			
Silked	65	51	36
Dough	8	6	3
<b>SOYBEANS:</b>			
Blooming	62	43	37
Setting pods	11	7	6
<b>SORGHUM:</b>			
Headed	2	5	4
<b>WHEAT:</b>			
Harvested	99	98	94
<b>OATS:</b>			
Filled	99	96	94
Turning yellow	97	85	78
Ripe	65	46	39
Harvested	42	6	12
<b>ALFALFA HAY:</b>			
Second cutting	84	73	64
Third cutting	10	5	4
<b>RED CLOVER:</b>			
Cut	93	94	96

Corn - Percent Silked  
 Illinois



Soybeans - Percent Blooming  
 Illinois

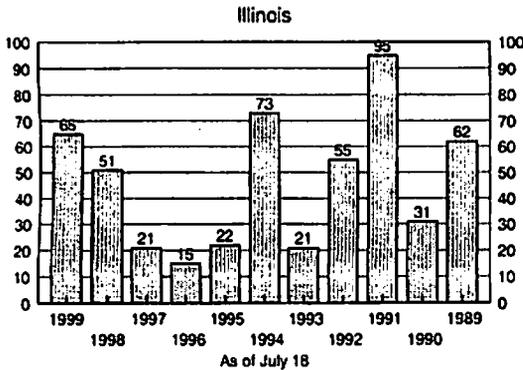


**Crop Conditions**

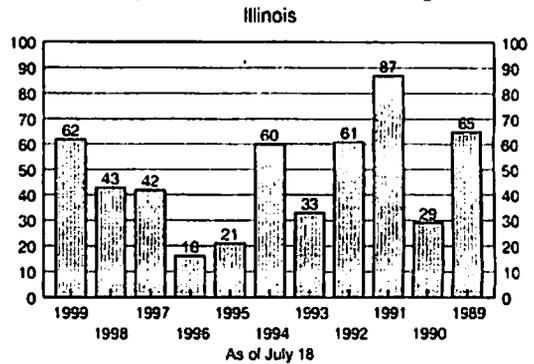
Crop	: Very Poor :	Poor :	Fair :	Good :	Excellent
July 16					
Corn	1	4	21	54	20
Soybeans	1	5	24	54	16
Sorghum	-	2	21	72	5
Alfalfa	1	4	23	61	11
Pasture	1	7	28	54	10

These and additional charts are available on our World Wide Web site.

**Corn - Percent Silked**



**Soybeans - Percent Blooming**



**Crop Progress by District**

District	: Corn Silked :	Soybeans Blooming :	Soybeans Setting Pods
July 18			
Northwest	60	77	11
Northeast	53	62	2
West	74	67	14
Central	80	80	29
East	70	50	1
W Southwest	67	66	12
E Southeast	52	60	12
Southwest	57	29	4
Southeast	57	49	11

**Days Suitable for Fieldwork and Topsoil Moisture**

District	: Days Suitable for Fieldwork :	Topsoil Moisture			
		: Very Short :	Short :	Adequate :	Surplus
July 10 - 16		July 16			
Northwest	6.8	20	33	47	-
Northeast	7.0	24	66	9	1
West	6.8	11	59	30	-
Central	6.9	3	64	33	-
East	6.8	19	43	38	-
W Southwest	6.7	3	45	51	1
E Southeast	6.2	1	24	70	5
Southwest	6.8	3	36	61	-
Southeast	5.6	1	13	76	10
State	6.7	10	43	45	2

**Weather Summary**

-----  
 : Temperature : Precipitation : Growing Degree Days  
 Location : Maxi--Mini--Depar--:Current: Since :Depar--:Current: Since :Depar--  
 : mum : mum : ture : week : May 1 : ture : week : May 1 : ture  
 -----

July 12 - 18

<b>Northwest:</b>									
Freeport	91	54	0	1.04	12.67	2.96	166	1335	64
Kewanee	90	51	-4	0.09	11.96	1.62	152	1422	36
Moline	94	53	0	0.00	8.26	-3.21	181	1580	130
Mount Carroll	91	50	2	0.43	10.46	-0.54	162	1385	168
Paw Paw	87	58	-2	0.11	11.22	0.74	149	1318	80
Rochelle	91	54	-2	0.25	15.00	4.36	159	1406	58
Rockford	93	56	1	1.23	10.75	0.14	169	1436	154
<b>Northeast:</b>									
Aurora	93	54	-1	0.00	7.39	-3.08	161	1463	164
Chicago	92	53	2	0.17	10.84	1.64	172	1489	223
De Kalb	92	59	1	0.23	13.02	2.48	168	1463	171
Lake Villa	90	56	4	0.22	9.89	0.26	172	1382	246
McHenry	92	52	2	0.50	14.69	4.44	169	1379	147
Morris	92	51	-1	0.04	12.43	2.71	169	1555	177
Ottawa	94	56	0	0.03	9.39	-0.77	179	1604	125
Park Forest	91	56	-1	0.32	10.97	0.56	165	1519	201
<b>West:</b>									
Bentley	92	56	-1	0.17	10.76	-0.03	176	1589	130
Galesburg	92	55	0	0.14	12.46	2.27	179	1584	122
Quincy	90	57	-3	0.07	7.40	-3.74	179	1578	20
<b>Central:</b>									
Bloomington	94	47	-4	0.17	13.01	2.70	158	1474	-96
Decatur	90	56	-4	0.23	11.68	1.03	168	1612	30
Lincoln	93	54	-4	0.15	11.03	0.51	158	1601	70
Peoria	93	56	-2	0.18	8.80	-1.44	172	1582	97
<b>East:</b>									
Champaign	88	54	-4	0.00	7.21	-3.46	156	1641	128
Pontiac	90	54	-3	0.39	11.98	1.79	159	1498	37
<b>West Southwest:</b>									
Carlinville	92	55	-3	0.06	9.75	-0.45	174	1628	-7
Morrisonville	91	56	-3	0.14	9.56	-0.95	170	1577	8
Springfield	91	55	-4	0.04	6.23	-2.91	167	1624	30
<b>East Southeast:</b>									
Brownstown	92	57	-1	0.00	14.25	3.41	185	1719	148
Flora	91	55	-3	0.08	13.73	2.80	177	1659	16
Hutsonville	92	54	-5	0.09	12.78	1.91	163	1612	-27
Iuka	90	54	-4	0.05	13.08	2.44	171	1640	-47
Lawrenceville	92	58	-3	0.19	18.30	7.58	176	1725	81
Newton	87	56	-4	0.00	13.79	3.72	165	1604	32
Paris	91	55	-2	0.21	7.42	-3.43	181	1657	58
Windsor	91	56	-3	0.00	12.91	2.85	175	1683	87
<b>Southwest:</b>									
Carbondale	89	57	-5	0.37	8.20	-2.71	169	1740	61
Lebanon	91	57	-4	0.00	11.53	1.75	173	1699	27
Olive Branch	91	58	-4	0.09	10.45	-0.74	176	1776	32
<b>Southeast:</b>									
Mt Vernon	88	56	-4	0.00	9.34	-0.86	167	1616	-2

-----  
 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.  
 Visit the AWIS home page at [www.awis.com](http://www.awis.com)  
 or call toll free at 1-888-798-9955.

