

ILLINOIS WEATHER & CROPS



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 U.S. DEPARTMENT OF AGRICULTURE
 ILLINOIS DEPARTMENT OF AGRICULTURE
<http://www.agstats.state.il.us>

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Agricultural Summary

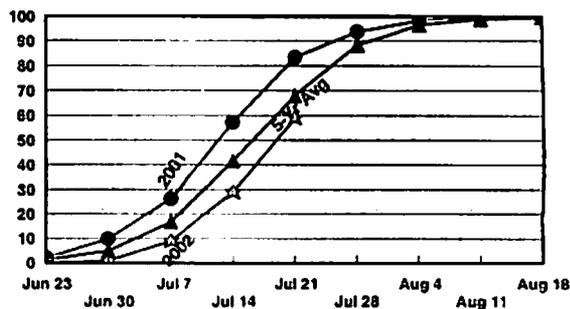
Dry soils and hot temperatures across the state last week combined to cause continued stress on the corn and soybean crops. Statewide soil moisture supplies in the past month have declined drastically, from 82 percent rated adequate or surplus on June 23 to 78 percent rated short or very short as of July 21. A few areas did receive up to a few tenths precipitation last week but these areas were small and widely scattered. Many farmers are concerned that their corn crop has experienced "irreparable damage." Soybean crop growth has slowed to a crawl but the crops potential has been "affected to a lesser extent." Insect pressure only intensified the dry weather problem last week as reports of damage from corn rootworms, Japanese beetles, leafhoppers and grasshoppers were received. Reports of silk clipping in cornfields and defoliation of soybean plants caused by Japanese beetles were received across the state while root pruning by corn rootworms were common across northern Illinois. Growers are scouting fields trying to determine if it is economically feasible to spray. Other activities last week included harvesting oats and wheat, baling hay and straw, hauling grain and attending county fairs.

Crop Progress

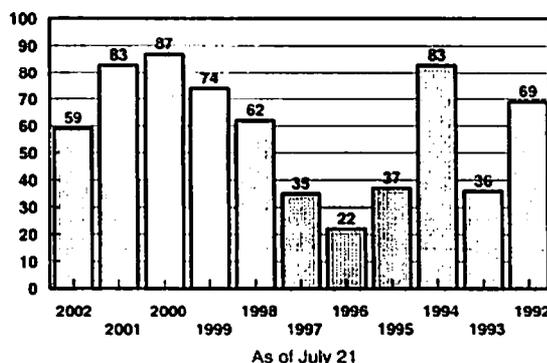
Crop Stage	2002	2001	5-Year Average
July 21			
CORN:			
Silked	59	83	68
Dough	9	19	12
Dented	1/	1	1
SOYBEANS:			
Blooming	54	77	66
Setting Pods	11	27	19
SORGHUM:			
Headed	12	39	18
Coloring	1	5	1
WHEAT:			
Harvested	99	99	98
OATS:			
Turning yellow	96	96	94
Ripe	75	71	63
Harvested	41	35	30
ALFALFA HAY:			
Second cutting	78	89	83
Third cutting	17	18	12

1/ Less than one percent

Corn - Percent Silked
Illinois



Corn - Percent Silked
Illinois



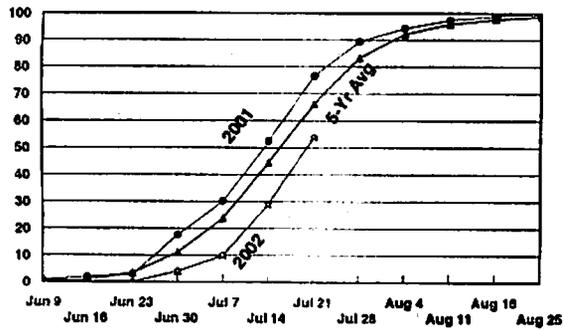
Crop Conditions

Crop	: Very Poor :	Poor :	Fair :	Good :	Excellent
July 21					
Corn	7	17	41	32	3
Soybeans	6	16	43	32	3
Sorghum	1	15	49	33	2
Alfalfa	4	14	40	36	6
Pasture	12	27	39	20	2

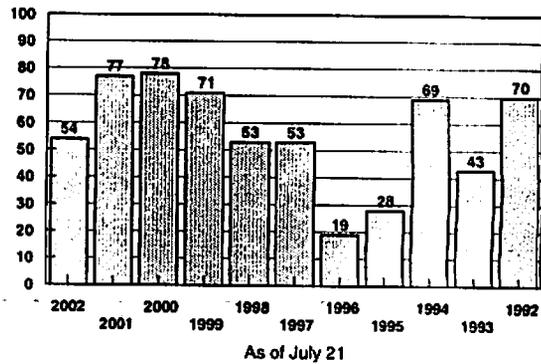
Soil Moisture and Days Suitable for Fieldwork Table

District	: Days Suitable for Fieldwork :	: Very Short :	Topsoil Moisture		
			Short	: Adequate	: Surplus
July 15 - 21					
July 21					
Northwest	6.7	12	43	45	-
Northeast	6.8	41	41	18	-
West	5.5	5	49	46	-
Central	6.7	52	41	7	-
East	5.9	32	55	12	1
W. Southwest	6.9	36	42	22	-
E. Southeast	6.6	37	47	16	-
Southwest	6.3	61	25	13	1
Southeast	6.3	28	48	23	1
State	6.4	34	44	22	-

**Soybeans - Percent Blooming
Illinois**



**Soybeans - Percent Blooming
Illinois**



Crop Progress by Districts

District	: Corn Silked :	: Corn Dough :	: Soybeans Blooming :	: Soybeans Setting Pods
July 21				
Northwest	62	3	70	11
Northeast	54	1	64	3
West	73	11	58	17
Central	79	16	75	17
East	53	4	49	4
W Southwest	66	17	47	25
E Southeast	46	1	35	8
Southwest	55	12	41	6
Southeast	37	4	46	16
State	59	9	54	11

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 15 - 21									
Northwest:									
Freeport	91	60	4	0.00	10.61	0.57	189	1368	28
Kewanee	91	58	2	0.05	11.42	0.69	183	1425	-36
Moline	93	60	3	0.61	11.88	-0.07	199	1560	32
Mount Carroll	92	57	5	0.76	17.43	6.07	186	1374	91
Paw Paw	89	61	4	0.05	11.33	0.46	184	1356	51
Rochelle	92	53	3	0.00	9.49	-1.48	189	1373	-47
Rockford	93	60	5	0.00	10.81	-0.19	197	1426	72
Northeast:									
Aurora	91	56	4	0.00	7.84	-3.02	189	1431	61
Chicago	92	60	6	0.00	11.32	1.76	202	1427	90
Lake Villa	92	60	6	0.00	7.36	-2.69	187	1280	78
McHenry	92	55	4	0.00	6.42	-4.19	184	1263	-38
Morris	90	61	4	0.29	10.60	0.52	194	1487	37
Ottawa	96	56	4	0.07	9.84	-0.68	198	1489	-65
Park Forest	90	62	4	0.00	11.43	0.63	196	1432	42
West:									
Galesburg	93	57	2	0.37	14.29	3.68	190	1505	-34
Prairie City	94	56	2	0.32	12.54	1.33	192	1517	-20
Quincy	94	61	2	1.61	13.62	2.03	201	1692	53
Central:									
Bloomington	97	54	3	0.73	9.65	-1.05	205	1607	-41
Decatur	100	62	6	0.01	14.01	2.94	224	1781	118
Havana	98	56	2	0.09	13.49	3.24	200	1596	-60
Lincoln	93	55	2	0.14	8.33	-2.58	190	1615	6
Peoria	95	63	5	0.14	9.48	-1.17	210	1682	119
East:									
Champaign	91	59	3	0.42	9.60	-1.50	193	1636	48
Pontiac	90	61	3	0.40	12.58	2.00	189	1509	-27
West Southwest:									
Carlinville	94	61	2	0.35	15.06	4.50	201	1700	-16
Morrisonville	91	62	0	0.09	17.86	6.93	189	1631	-16
Springfield	92	58	2	0.00	14.15	4.68	197	1701	26
East Southeast:									
Effingham	96	61	3	0.16	13.32	2.09	204	1696	44
Flora	97	62	4	0.19	11.27	-0.02	214	1814	90
Hutsonville	98	63	5	0.41	14.81	3.49	217	1809	89
Iuka	95	61	1	0.75	9.95	-1.08	204	1702	-69
Newton	92	62	2	0.27	15.23	4.74	197	1612	-40
Paris	93	61	3	0.00	10.42	-0.91	206	1680	1
Windsor	97	61	3	0.49	12.78	2.33	207	1745	68
Southwest:									
Carbondale	97	66	3	0.00	8.80	-2.47	212	1876	113
Lebanon	95	63	2	0.45	13.82	3.71	205	1771	15
Steeleville	98	60	0	0.02	14.67	4.04	206	1797	-57
Southeast:									
Benton	94	66	2	0.00	13.09	2.46	211	1833	61
Grayville	94	66	2	2.38	14.63	2.98	213	1851	-23
Mt Vernon	91	65	2	0.15	12.38	1.79	201	1718	16

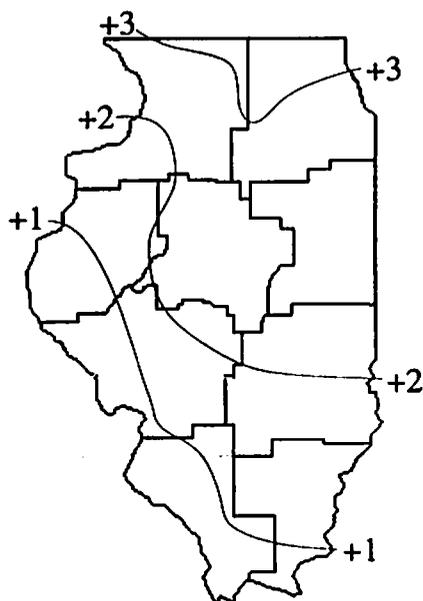
Data is for the weekly period that ends on Sunday at 8:00 a.m.
 Growing Degree Days are base 50 using a maximum temperature of 86 degrees.

NEWSPAPER TIME VALUE

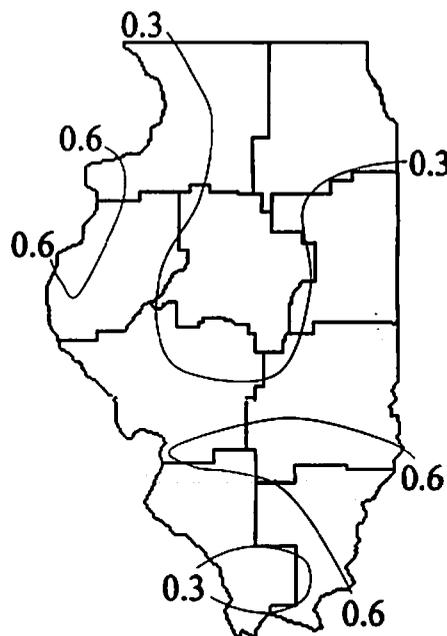
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Maps provided by the Illinois State Water Survey
Visit their home page at <http://mcc.sws.uiuc.edu>
(217)244-8226



Temperature (°F) Departure
July 15 - 21



Precipitation (in.) Total
July 15 - 21

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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