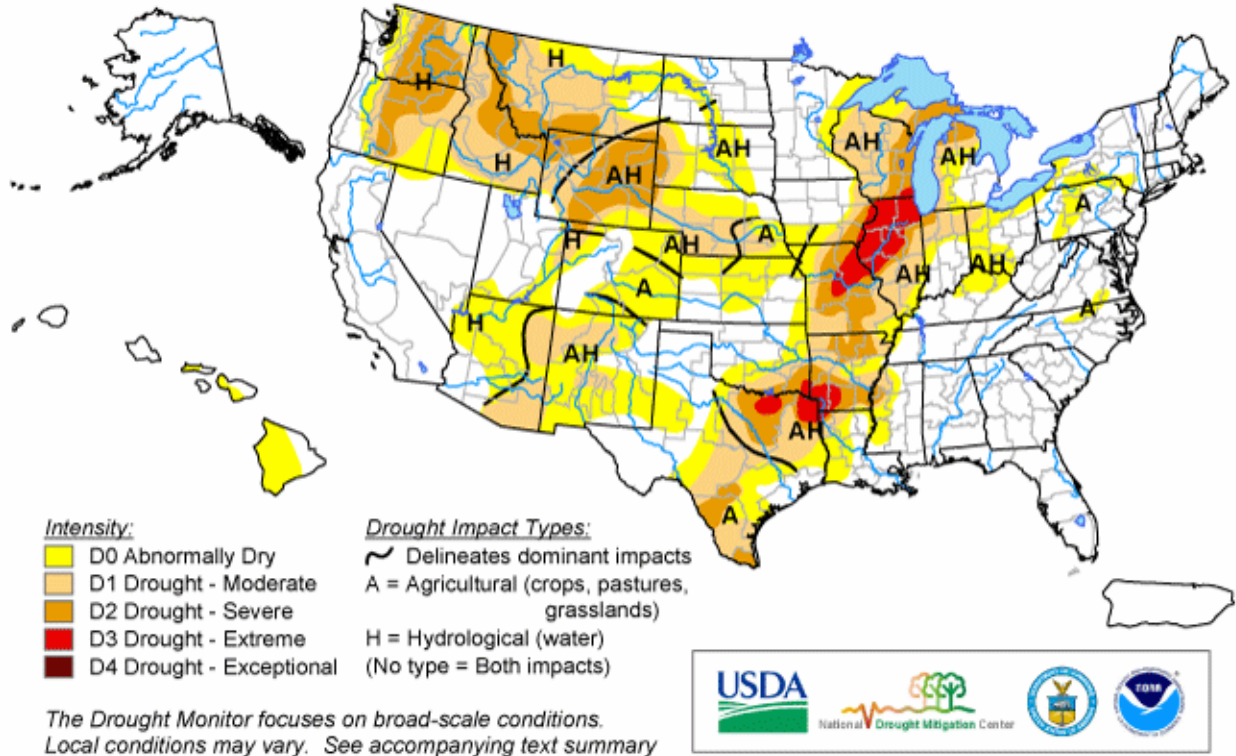


# U.S. Drought Monitor

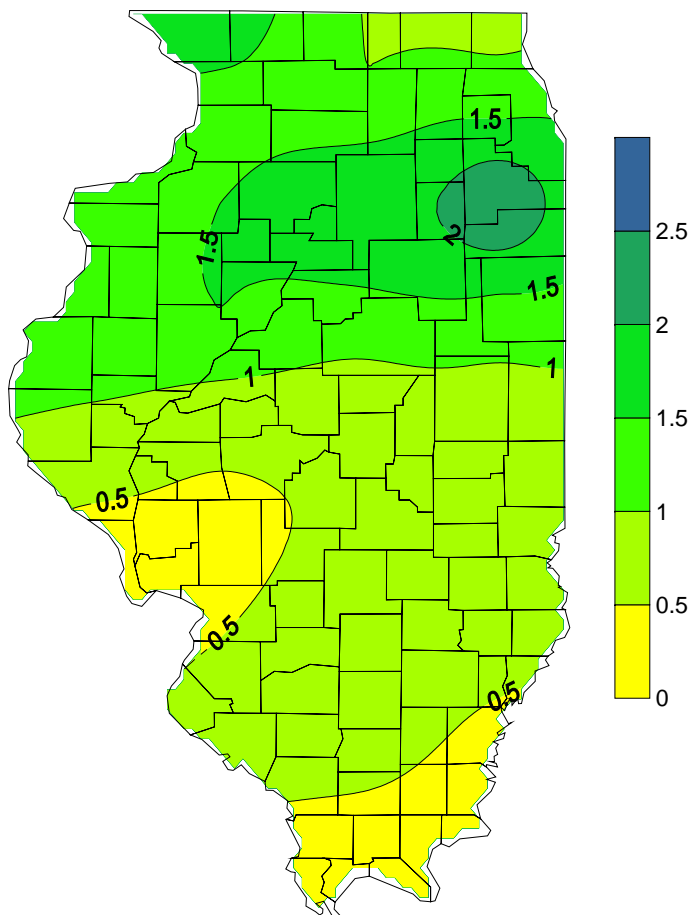
July 26, 2005  
Valid 8 a.m. EDT



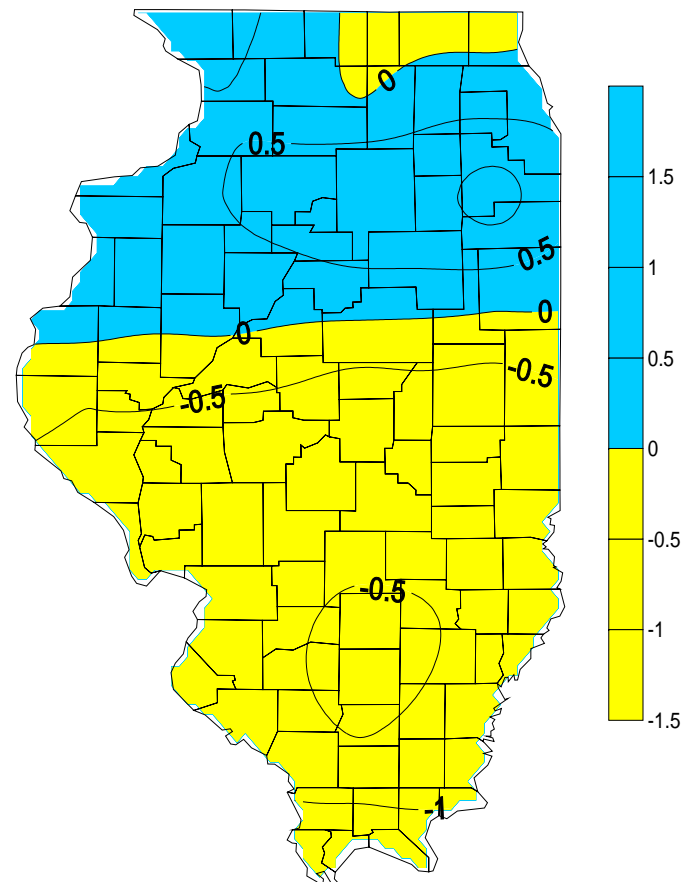
<http://drought.unl.edu/dm>

Released Thursday, July 28, 2005  
Author: C. Tankersley/J. Enloe, NOAA/NESDIS/NCDC

Figure 1. Illinois State Water Survey



Precipitation (inches) July 23 - August 2, 2005



Precipitation (inches - departure from normal)  
 July 23 - August 2, 2005  
 Blue - above normal; Yellow - below normal

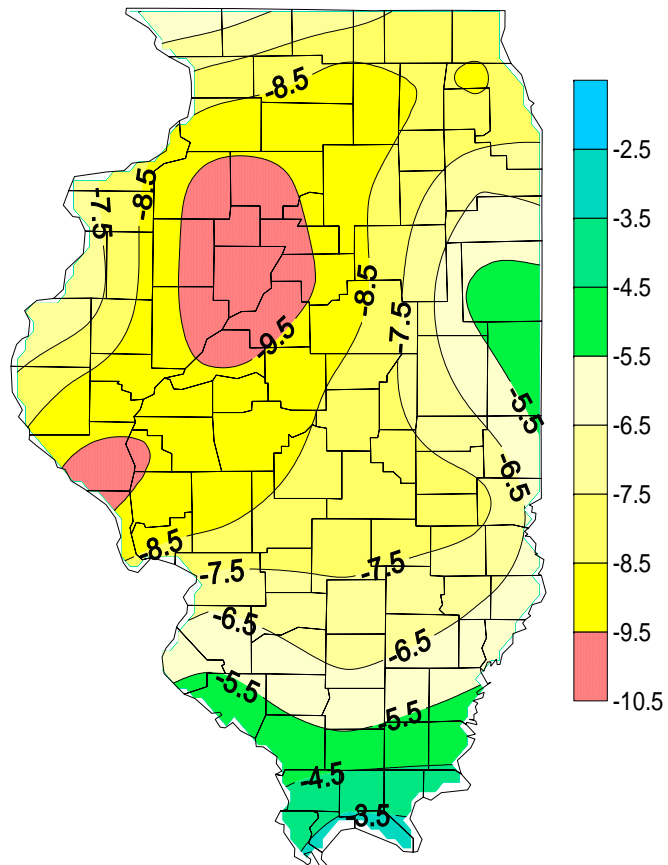
Figure 2.  
 Illinois State Water Survey

**Figure 3. Ten driest March through July periods in Illinois (since 1895)**

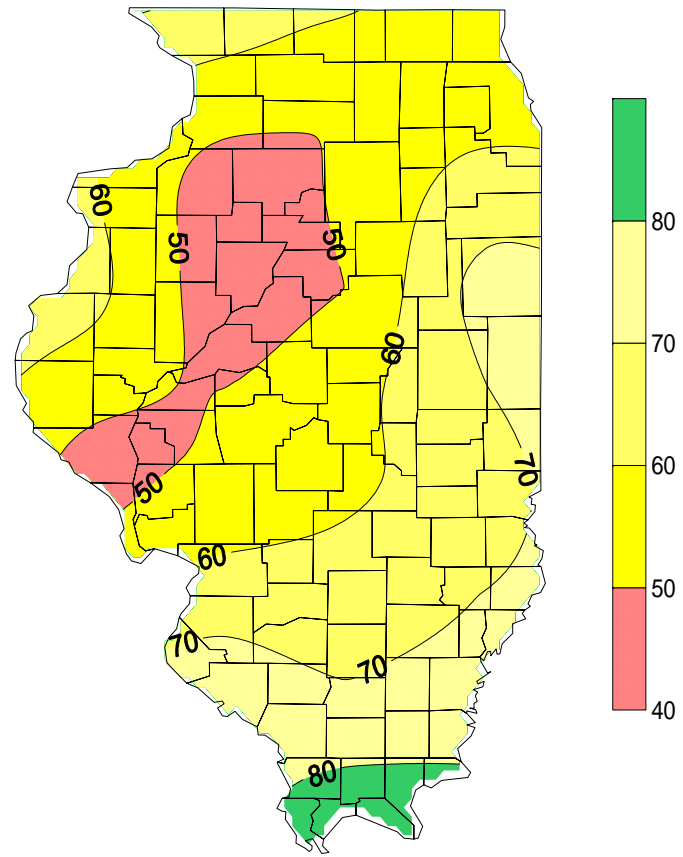
<i>Rank</i>	<i>Year</i>	<i>Precip (in)</i>
1	1936	8.86
2	1988	10.49
3	1930	10.55
4	1914	10.89
5	1934	11.38
<b>6</b>	<b>2005</b>	<b>11.43</b>
7	1901	12.94
8	1932	13.72
9	1911	13.87
10	1895	14.08

**Figure 4. Rankings of March through July 2005 precipitation within Illinois climatological divisions (since 1895)**

<i>Climatological divisions</i>	<i>rank</i>	<i>top 4 driest years</i>
Northwest	3	1936, 1988, <b>2005</b> , 1910
Northeast	3	1936, 1934, <b>2005</b> , 1988
West	3	1936, 1988, <b>2005</b> , 1934
Central	3	1988, 1936, <b>2005</b> , 1914
East	10	1988, 1936, 1934, 1895
West-Southwest	4	1914, 1936, 1930, <b>2005</b>
East-Southeast	7	1930, 1914, 1954, 1932
Southwest	11	1930, 1914, 1936, 1941
Southeast	13	1930, 1914, 1936, 1932



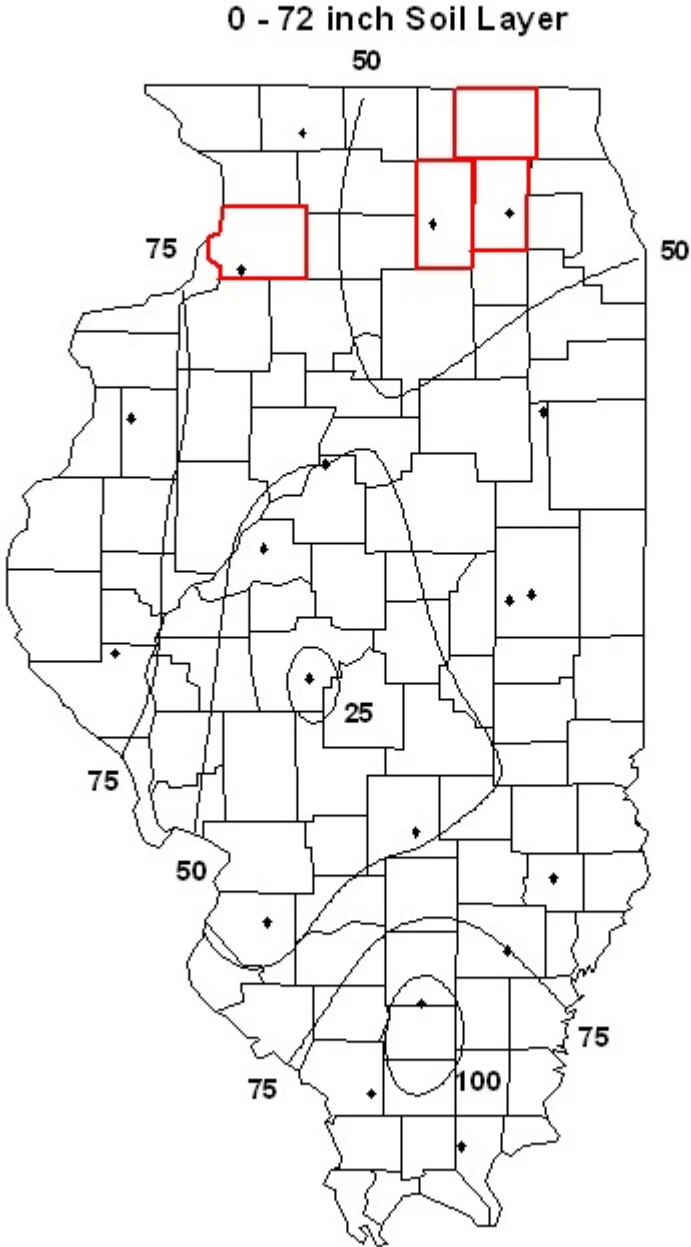
Precipitation (inches - departure from normal)  
March 1 to August 2, 2005



Precipitation (percent of normal)  
March 1 to August 2, 2005

Figure 5.  
Illinois State Water Survey

Figure 6. August 1, 2005 observed percent of normal soil moisture based on 1985-1995 mean. Groundwater problem areas are shown in red.



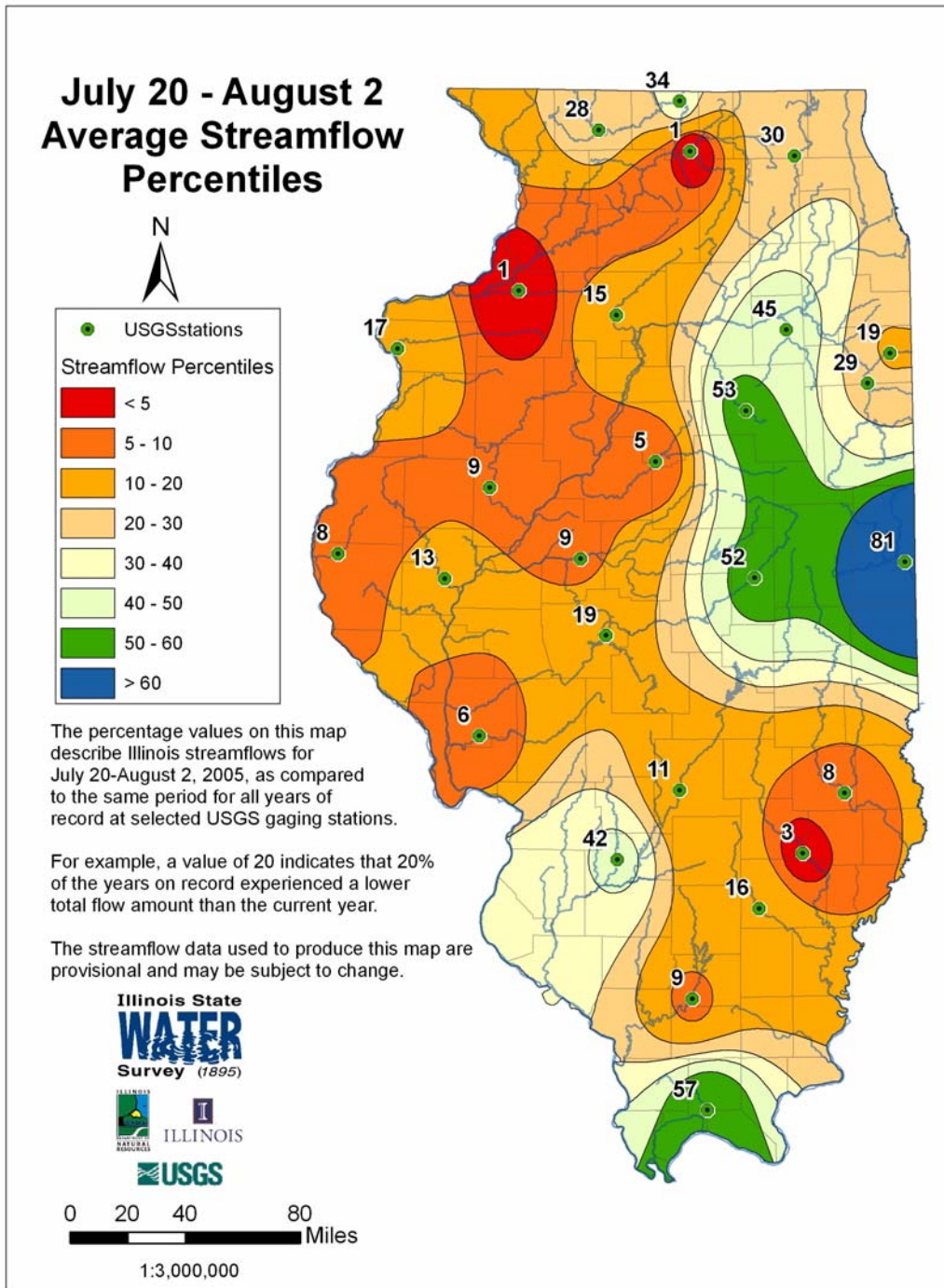


Figure 7. Illinois Streamflow Conditions for July 20 – August 2, 2005

**Figure 8. July 2004 - July 2005 statewide monthly departures from normal**

- Heat stress in July 2005 reduced from June.

- Precipitation increased in July compared to larger deficits in prior months.

- Soil moisture stayed at below normal levels.

- Streamflow remained low.

- Groundwater levels remained low.

- Normal to above normal precipitation is required in future months for recovery / recharge.

