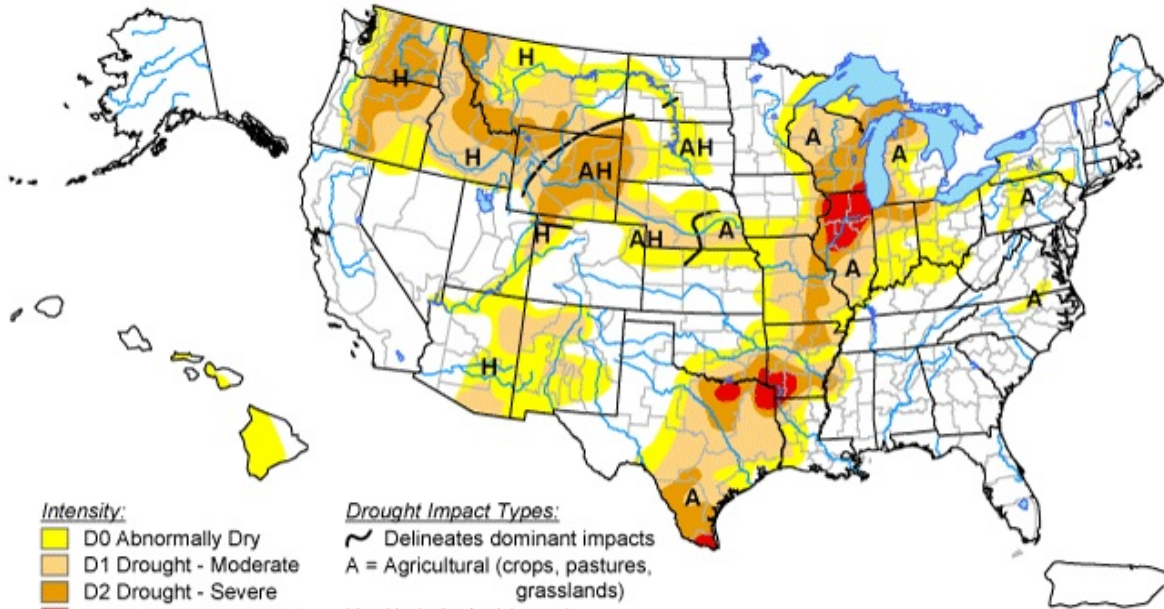


U.S. Drought Monitor

July 19, 2005
Valid 8 a.m. EDT



Intensity:

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

Drought Impact Types:

- Delineates dominant impacts
- A = Agricultural (crops, pastures, grasslands)
- H = Hydrological (water)
- (No type = Both impacts)

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

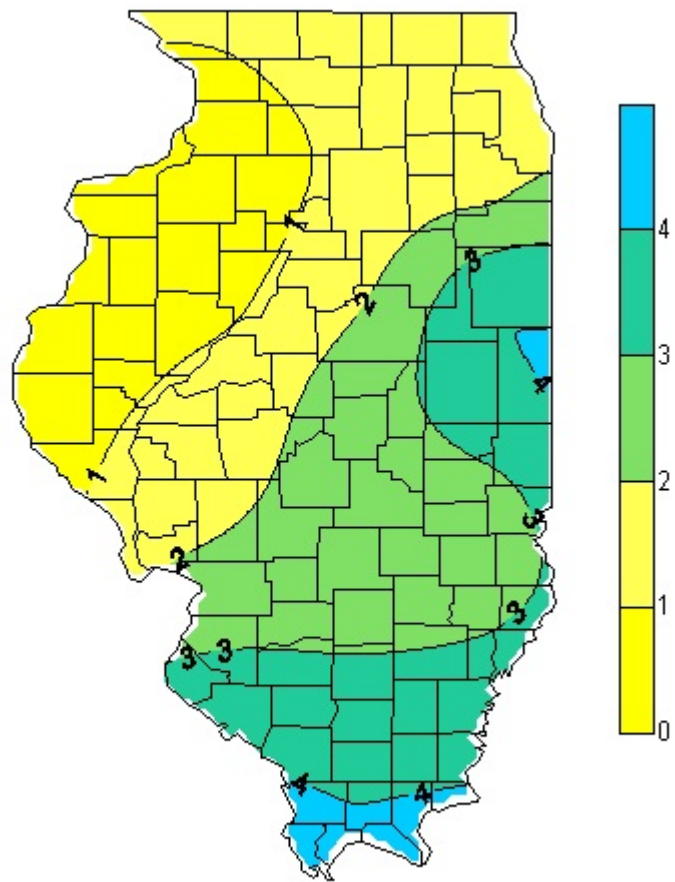
<http://drought.unl.edu/dm>



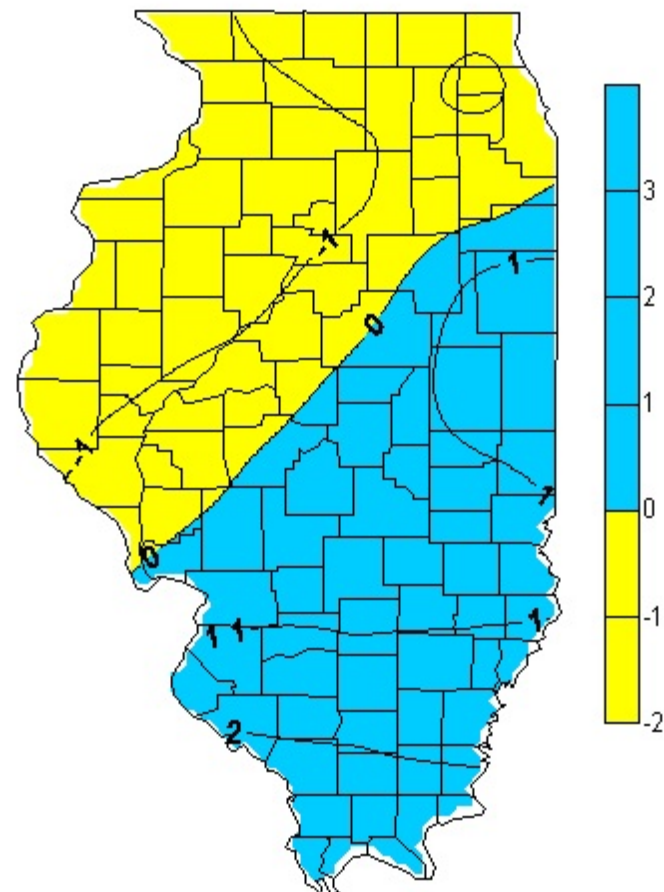
Released Thursday, July 21, 2005

Author: Richard Heim/Jesse Enloe, NOAA/NESDIS/NCDC

Figure 1

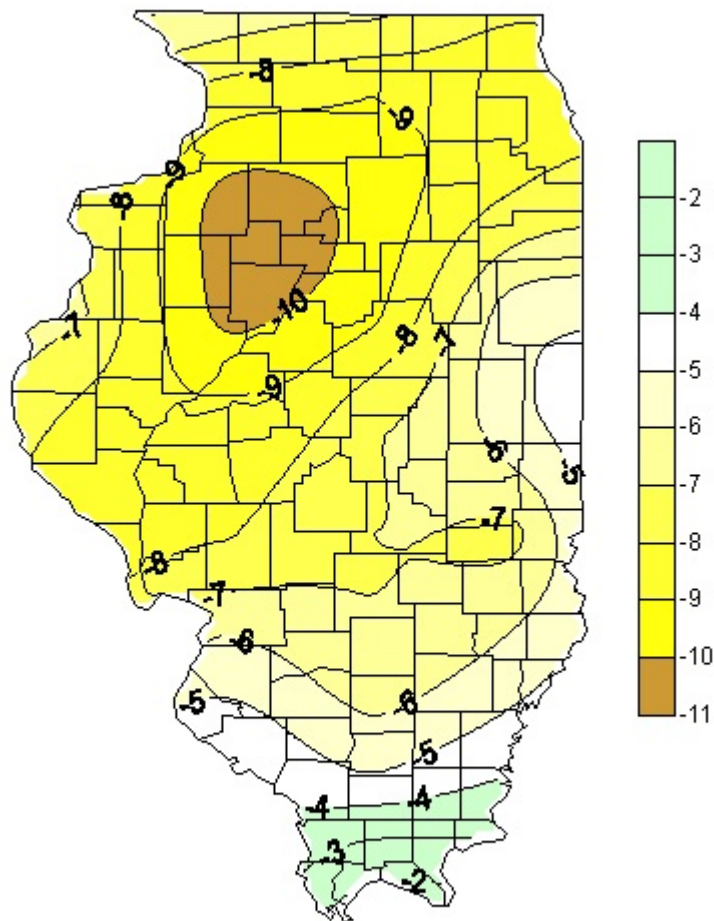


Precipitation (inches), July 7-22, 2005

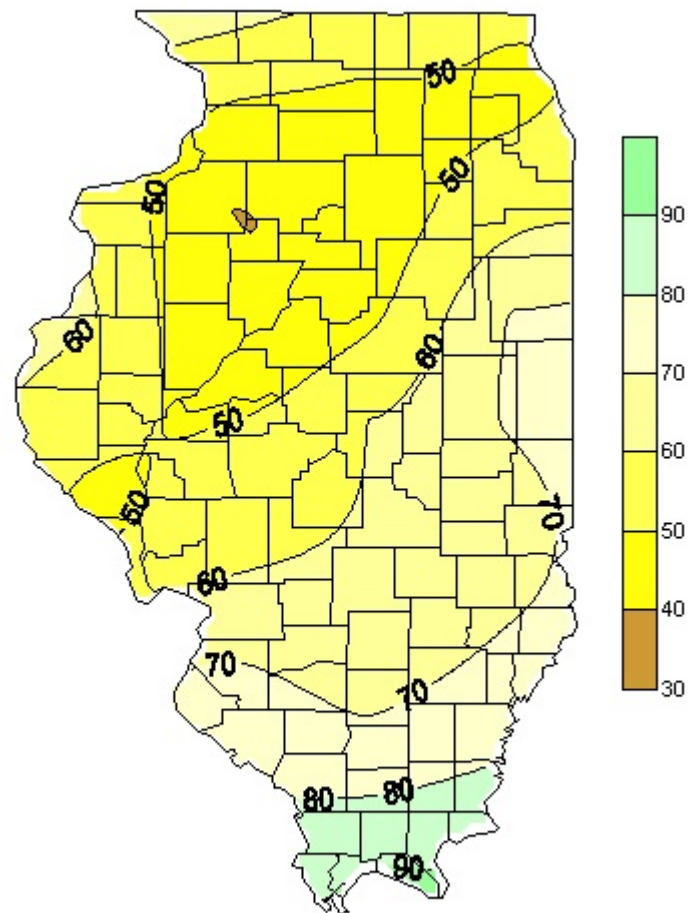


Precipitation (inches - departure from normal), July 7 - 22, 2005
Blue - above normal, yellow - below normal

Figure 2.
Source: Illinois State Water Survey



Precipitation (inches - departure from normal)
March 1 - July 22, 2005



Precipitation (percent of normal)
March 1 - July 22, 2005

Figure 3.

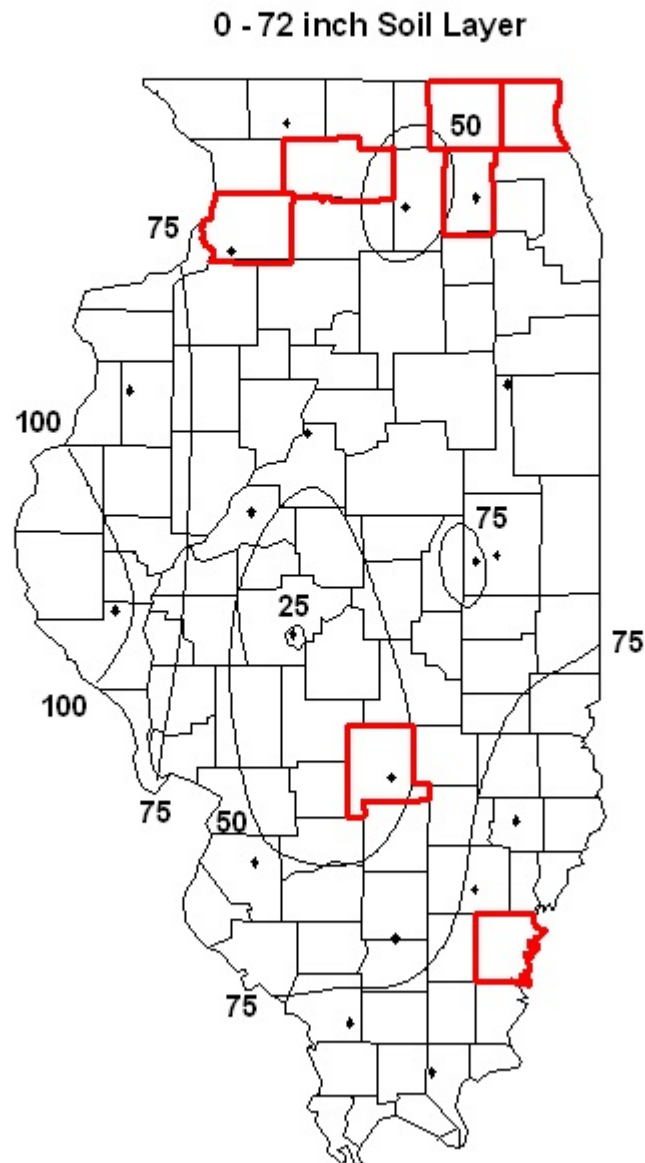
Source: Illinois State Water Survey

Figure 4. Expected average precipitation for all sites, expressed as percent of normal (1971-2000), for selected drought durations and return periods.

Drought Duration	25-year return period	50-year return period	100-year return period	200-year return period
12-month	59%	53%	48%	44%
18-month	67%	60%	55%	51%
24-month	73%	65%	60%	56%
36-month	78%	71%	66%	62%
48-month	82%	75%	70%	66%
60-month	85%	78%	73%	69%

Source: Illinois State Water Survey

Figure 5. July 15, 2005 observed percent of normal soil moisture based on 1985-1995 mean. Groundwater problem areas are shown in red.



Source: Illinois State Water Survey

Figure 6

