

Summary of Water Conditions in Massachusetts

April 8, 2005

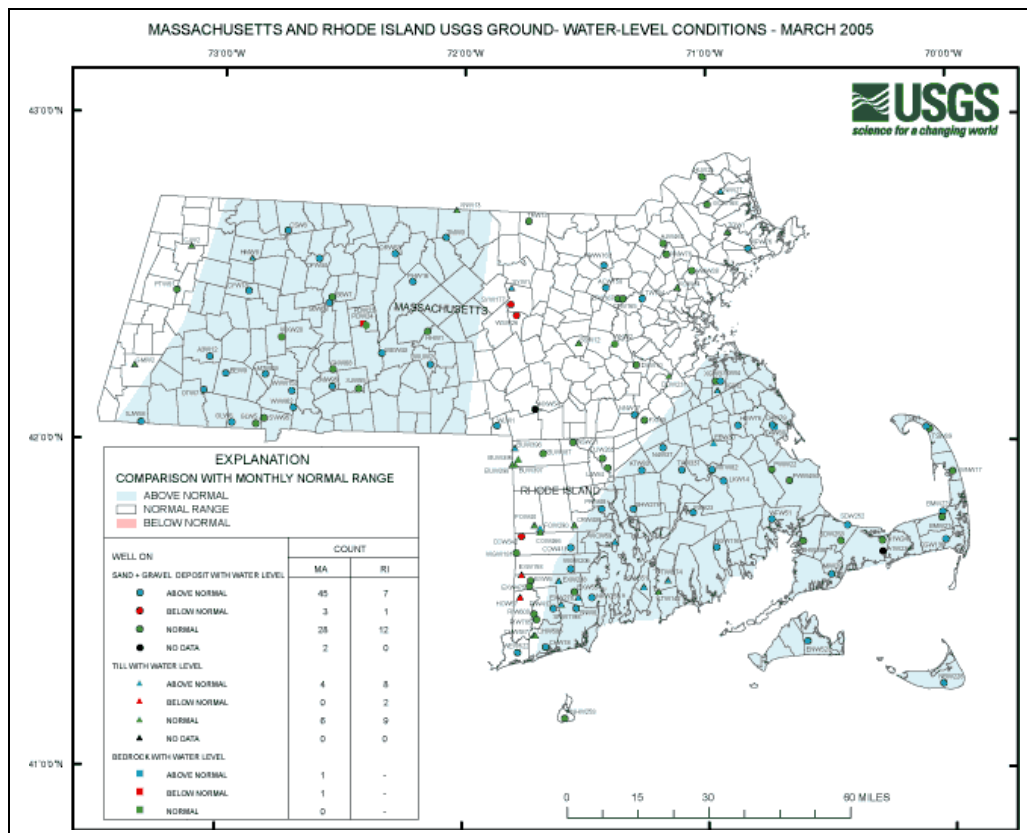
Department of Conservation and Recreation
For Massachusetts Water Resources Commission

Precipitation

- March precipitation, based on available data, appears to be near or above normal in all regions. The statewide estimate is presently 4.6 inches of precipitation for March 2005.
- Statewide precipitation is approximately 104% of normal for the water year, based on current estimates of March precipitation totals. The regions are estimated to have received 94 to 111% of normal precipitation for Water Year 2005 through March.

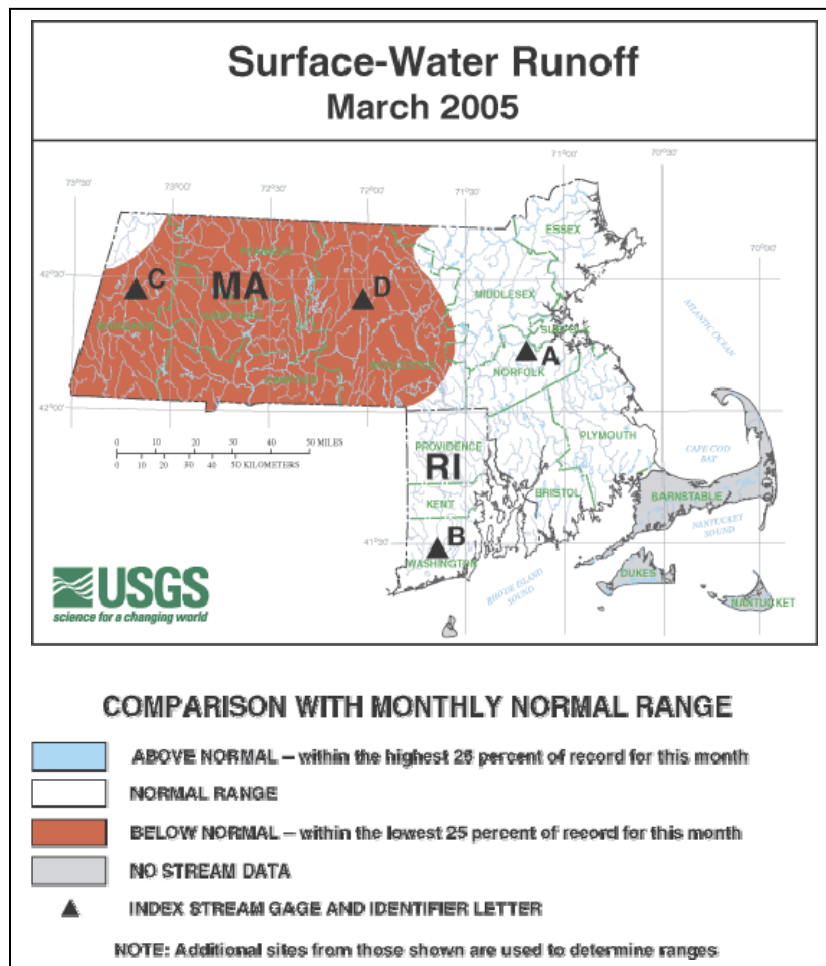
Ground Water Levels

- USSGS MA-RI web site for the Massachusetts Climate Response Network <http://groundwaterwatch.usgs.gov/StateMaps/MA.html> shows ground water levels currently in the normal to above-normal range. March ground water levels were normal (shown as white areas in the figure below) and above-normal (shown as areas in blue in the figure below).



Streamflow

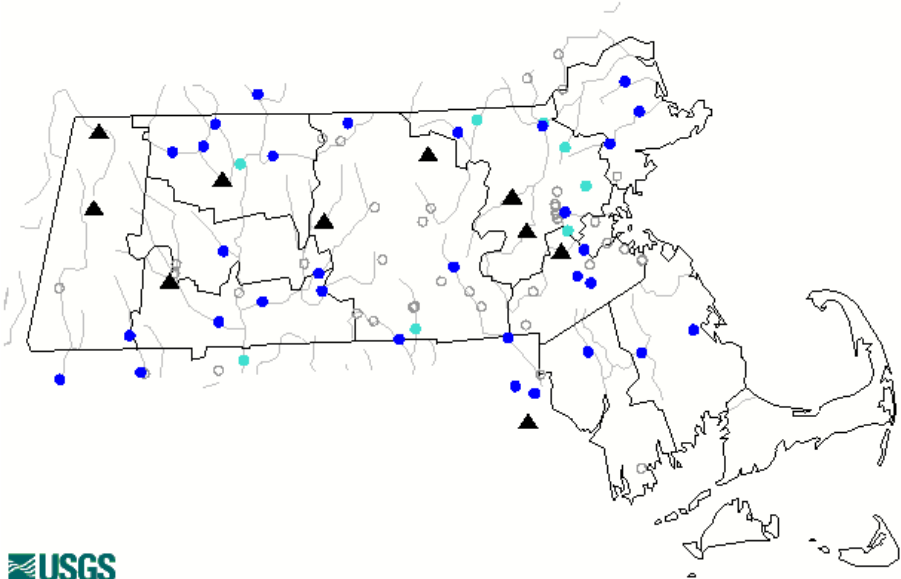
- March streamflow was below normal in the western half of Massachusetts and in the normal range for the eastern portion of the state. This was caused by relatively low amounts of precipitation during the middle of the month.
- Minor flooding in small and large rivers of Massachusetts occurred as a result of heavy rain events on March 28 and April 2. The combination of these two storms brought 4 to 6 inches of rain to Massachusetts. The most significant flooding occurred in the Connecticut River basin. Massachusetts' rivers generally continued to exhibit above-normal streamflow as of April 6, 2005.



Map of flood and high flow conditions (Massachusetts)

April 3, 2005

Sunday, April 03, 2005 11:37ET



Explanation - Percentile classes			
95 - 98	≥ 99	River above flood stage	Not ranked

