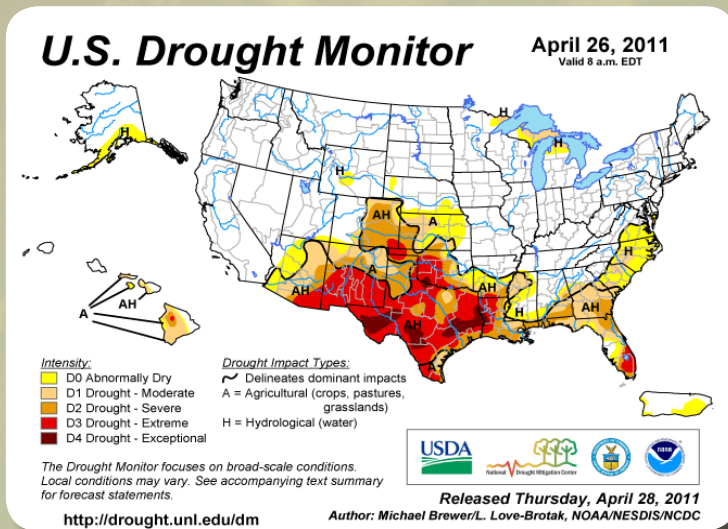


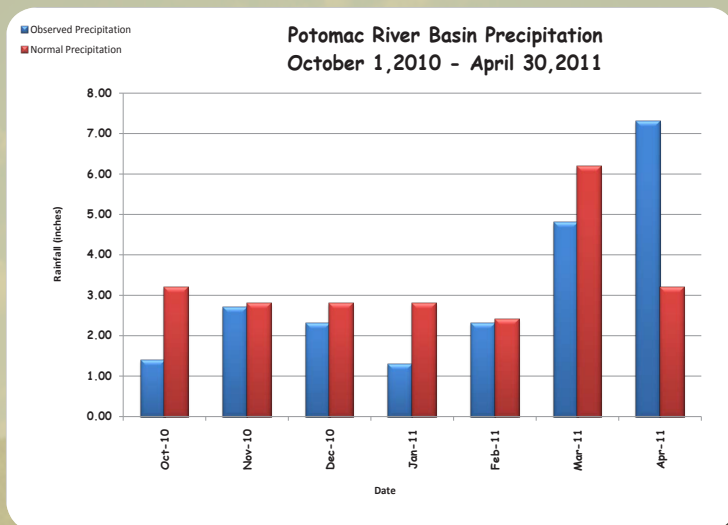
Washington Metropolitan Region Drought and Water Supply Status and Outlook - May 2011

Metropolitan Washington Water Supply and Drought Awareness Response Plan - Drought Stage NORMAL



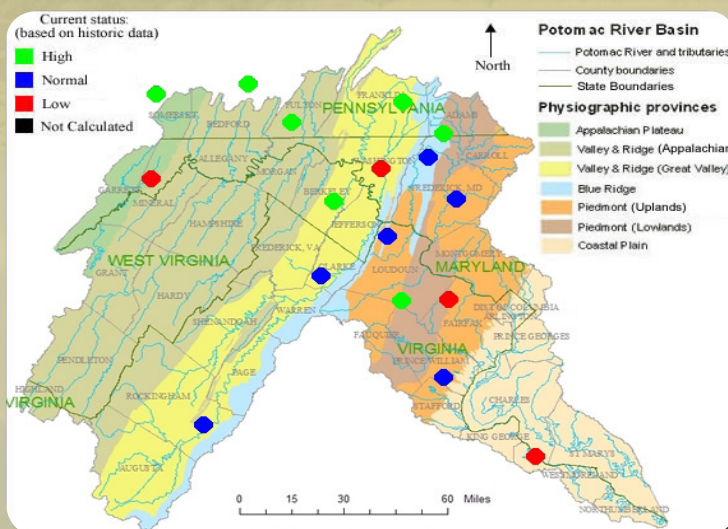
U.S. DROUGHT MONITOR - NORMAL

The Drought Monitor released on April 28, 2011 indicates that all portions of the Potomac River Basin are normal. Note that some areas in the southern region of Virginia are abnormally dry.
 SOURCE: NOAA Climate Prediction Center



POTOMAC BASIN PRECIPITATION DATA April 2011 - Above Average

April was well above average for the month - the Basin received 7.3 inches of rain, 4.1 inches above normal. That's two inches more than we received from Tropical Storm Nicole back in September 2010. Note that precipitation levels throughout the entire basin were below average from October 2010 - April 2011 by 1.3 inches.
 SOURCE: Middle Atlantic River Forecast Center

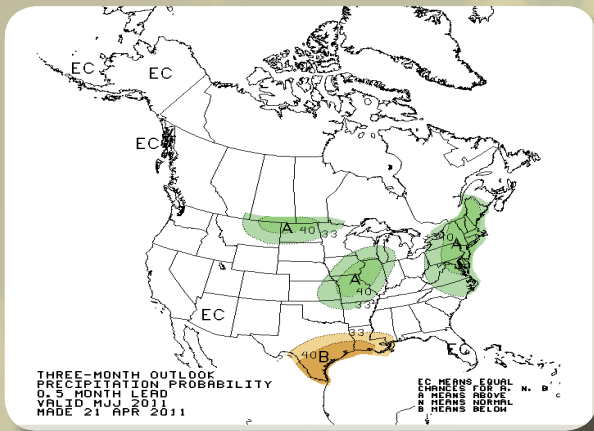


GROUNDWATER STATUS

May 1, 2011 - Normal to High

As of May 1, 2011 most of the groundwater wells report normal to high levels throughout the Potomac River Basin. The majority of the high levels are located in the northwestern portion of the basin, corresponding to the above average rainfall for the month. A few scattered wells show a status of "low" due to the fact that the real time values are not up-to-date (two wells in MD, one in Westmoreland County, VA and Fairfax, VA). We will provide updates as needed.
 SOURCE: USGS



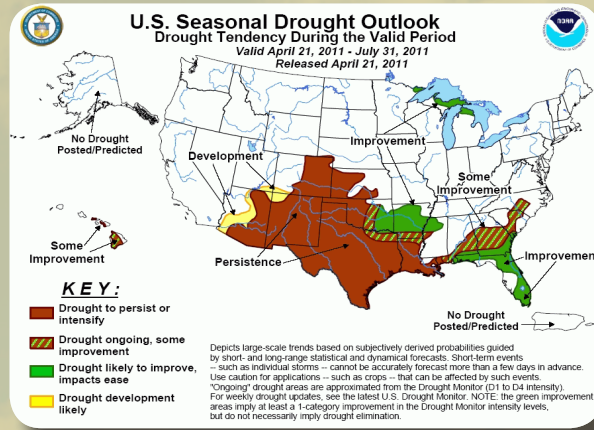


THREE MONTH PRECIPITATION OUTLOOK

The Climate Prediction Center of the National Weather Service produces three month precipitation forecasts for the United States. According to the May through July outlook, our region has an above normal chance of precipitation. SOURCE: NOAA Climate Prediction Center

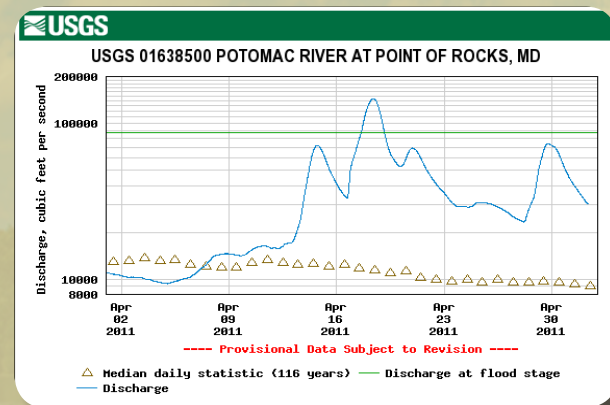
RESERVOIR STATUS May 2011 - 100% Full

The probability of releases this summer and fall from the Washington metropolitan area's back-up water supply reservoirs is below normal. There is a 6 to 8 percent conditional probability that adjusted Potomac flow will drop below the 600- to 700-million gallons per day threshold (MGD) at Little Falls through December 31 of this year; at these flow levels, water supply releases from Jennings Randolph and Little Seneca Reservoirs may occur. Jennings Randolph Reservoir is 100% full at this time. Source: ICPRB



SEASONAL DROUGHT OUTLOOK May 2011

The seasonal drought outlook released on April 21, 2011 indicates that our region should not experience a drought between now and July, 2011. SOURCE: NOAA Climate Prediction Center



POTOMAC RIVER FLOW POINT OF ROCKS and LITTLE FALLS Above the Median

On April 18th Point of Rocks reached a gage height of 22.5 - almost 6 feet above the flood stage. Little Falls reached levels of 11.7 feet, almost 2 feet above flood stage. As of May 2nd, streamflow levels are above the median at Point of Rocks and Little Falls. SOURCE: USGS

For additional information about this report contact Christine Howard at choward@mwco.org

