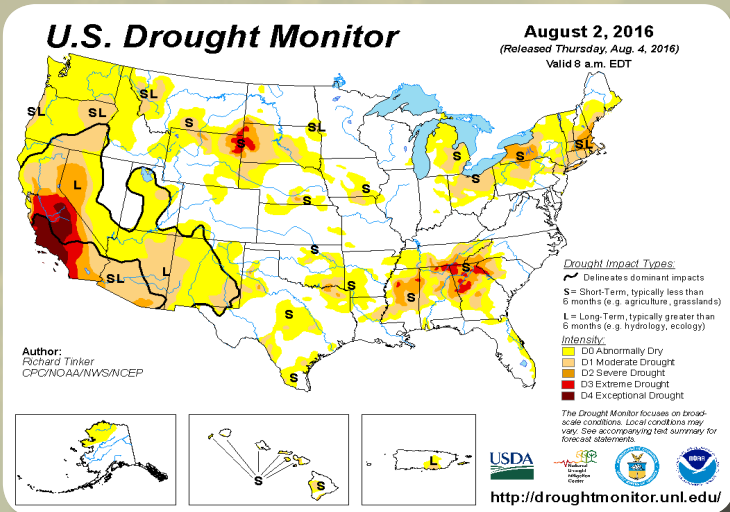


Metropolitan Washington Water Supply and Drought Awareness Response Plan

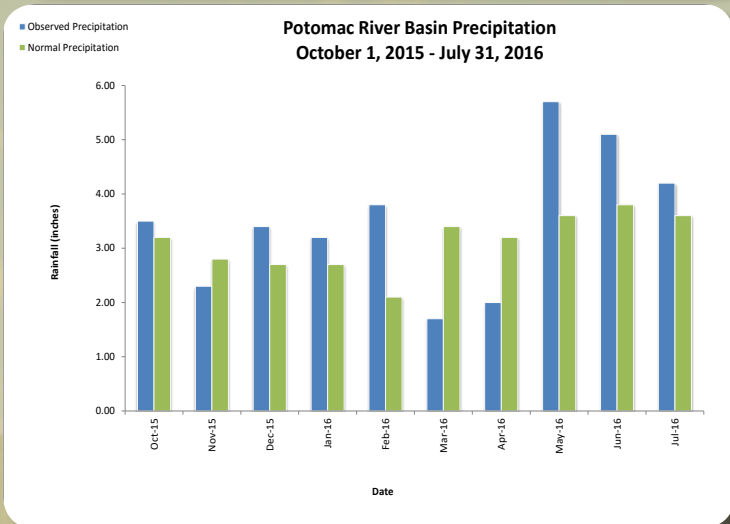
DROUGHT STAGE - NORMAL



U.S. Drought Monitor  
 August 2, 2016 - Normal

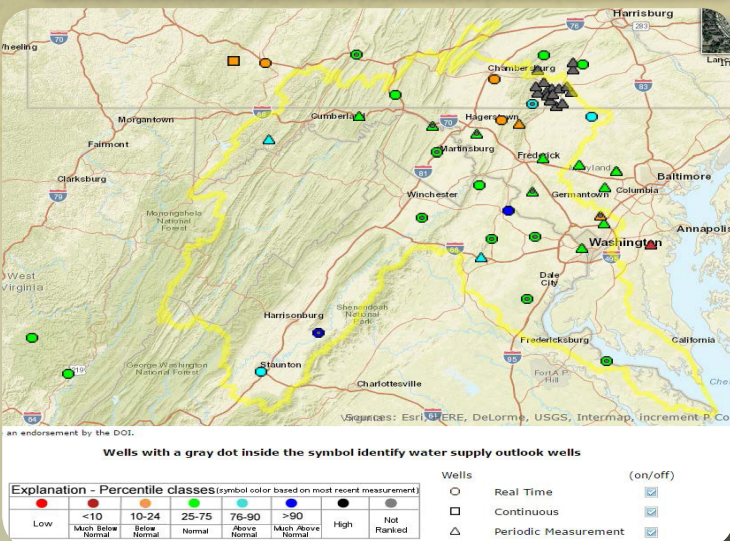
The most recent U.S. Drought monitor, released on August 4<sup>th</sup>, indicates that our region is currently free of drought.

Source: NOAA



POTOMAC BASIN PRECIPITATION DATA  
 July 2016 - Above Normal

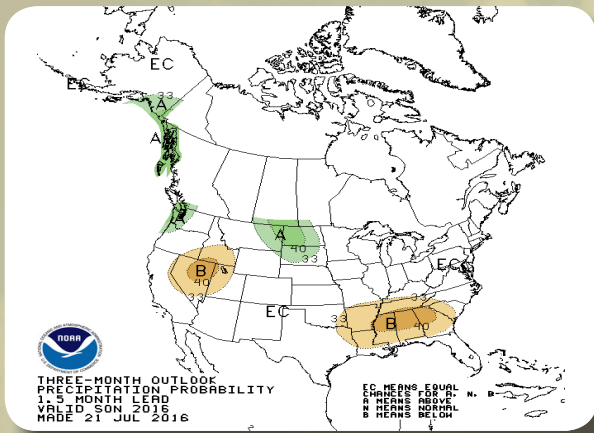
The Basin received 4.2 inches of precipitation in July which is 0.6 inches above normal. From October 1, 2016 to July 31, 2016 the Basin received 34.90 inches of precipitation, 3.80 inches above normal. SOURCE: Middle Atlantic River Forecast Center and the National Weather Service



GROUNDWATER STATUS  
 August 2016

Normal to Above Normal  
 Groundwater levels continue to improve - most of the wells monitored within the Potomac River Basin report normal to above normal levels. SOURCE: USGS - Pennsylvania Water Science Center





### PRECIPITATION OUTLOOK

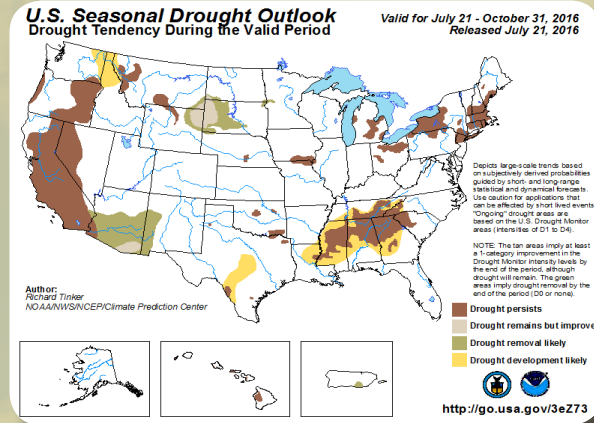
The Climate Prediction Center at the National Weather Service produces precipitation forecasts for the United States. According to the current three month outlook, our region has an equal chance of above, below, or normal precipitation through November. SOURCE: NOAA Climate Prediction Center

### RESERVOIR STATUS

#### August 2016

There is a 1 to 5 percent conditional probability that natural Potomac flow will drop below 600- to 700-million gallons per day (MGD) at Little Falls through December 31 of this year; the small probability of low flows means that water supply release from Jennings Randolph and Little Seneca reservoirs are unlikely this year. Releases occur when predicted flow is less than demand plus a required flow-by. Demand ranges from 400 to 700 MGD during the summer months and the minimum flow-by at Little Falls is 100 MGD.

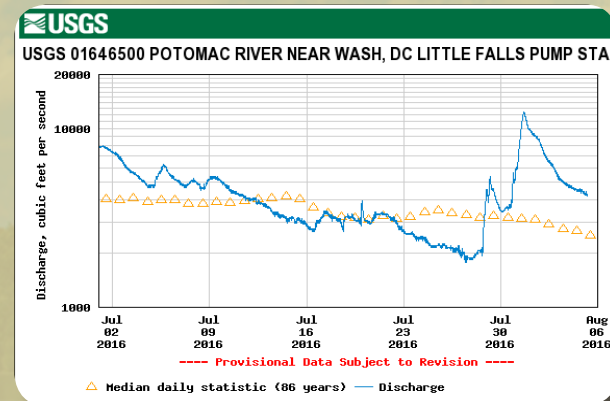
Source: ICPRB



### SEASONAL DROUGHT OUTLOOK

#### July 2016

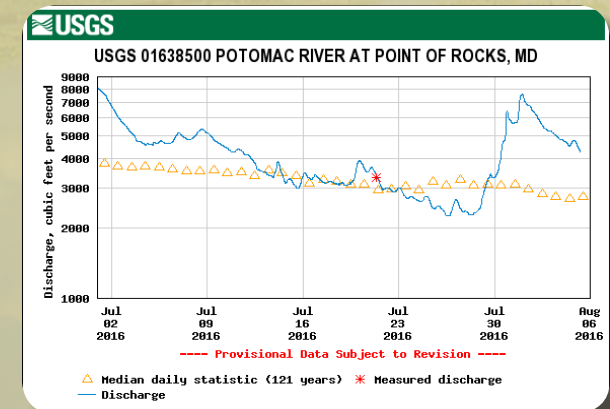
The seasonal drought outlook released on July 21, 2016 indicates that our region should not experience a drought between now and October 31, 2016. SOURCE: NOAA Climate Prediction Center



### POTOMAC RIVER FLOW

#### Little Falls and Point of Rocks Above Median Levels

Streamflow levels were above or near median levels for the majority of the month of July. Instantaneous flow readings on August 5, 2016 at Little Falls (4,230 cfs/median, 2,530 cfs) and Point of Rocks (4,280 cfs/median 3,830 cfs) indicate that flows are above median levels. SOURCE: USGS



For additional information about this report contact Christine Howard at [cdhoward@mwkog.org](mailto:cdhoward@mwkog.org)

Water, Use it Wisely



WATER UTILITY WATER SUPPLY AND DROUGHT STATUS - August 2016

Currently all utilities, wholesale customers, and state agencies are under a "Normal" Status. Please let us know if this information needs to be updated by contacting Christine Howard at cdhoward@mwkog.org.

Utility Name	Drought Status			
	Normal	Watch	Warning	Emergency
<b>Potomac River CO-OP System Water Supply Agencies</b>				
Fairfax Water				
Washington Aqueduct				
Washington Suburban Sanitary Commission				
<b>Potomac River CO-OP Water Wholesale / Distribution Agencies</b>				
Loudoun Water (through FW)				
Arlington County DPW (through WAD)				
DC Water (through WAD)				
Virginia American Water - City of Alexandria, VA (through FW)				
Virginia American Water - Dale City, VA (through FW)				
Prince William County Service Authority (through FW and City of Manassas)				
Town of Herndon Department of Public Works (through FW)				
Town of Vienna Public Works Department (through WAD and FW)				
<b>Other Water Supply Agencies</b>				
Frederick County Town Systems				
City of Brunswick, MD				
Fort Detrick, MD				
Town of Middletown, MD				
Town of Mt. Airy, MD				
Town of Myersville, MD				
Town of Thurmont				
Fort Detrick, MD				
City of Bowie, MD				
City of Frederick, MD				
Town of Poolesville, MD				
City of Rockville, MD				
Town of Walkersville, MD				
Frederick County, MD				
Charles County, MD				
Loudoun County Town Systems				
Town of Lovettsville, VA				
Town of Hillsboro, VA				
Town of Purcellville, VA				
Town of Round Hill, VA				
Town of Hamilton, VA				
Town of Middleburg, VA				
Town of Leesburg, VA				
City of Manassas Park DPW, VA				
City of Manassas, VA				
<b>State Agencies</b>				
Virginia - Department of Environmental Quality (VADEQ)				
Maryland - Department of the Environment (MDE)				

