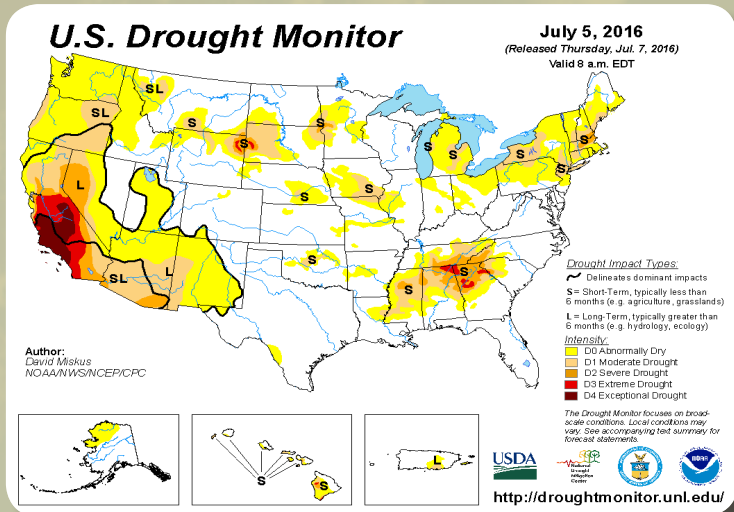


Metropolitan Washington Water Supply and Drought Awareness Response Plan

DROUGHT STAGE - NORMAL

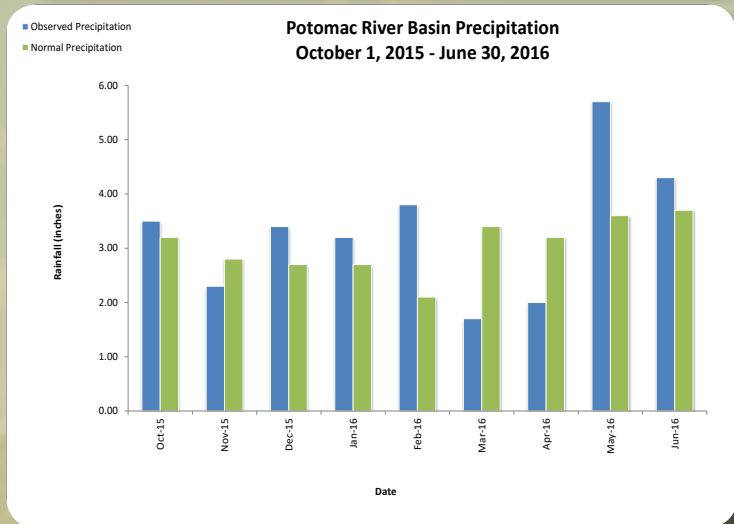


U.S. Drought Monitor

July 5, 2016 - Normal

The most recent U.S. Drought monitor, released on July 7<sup>th</sup>, indicates that our region is currently free of drought.

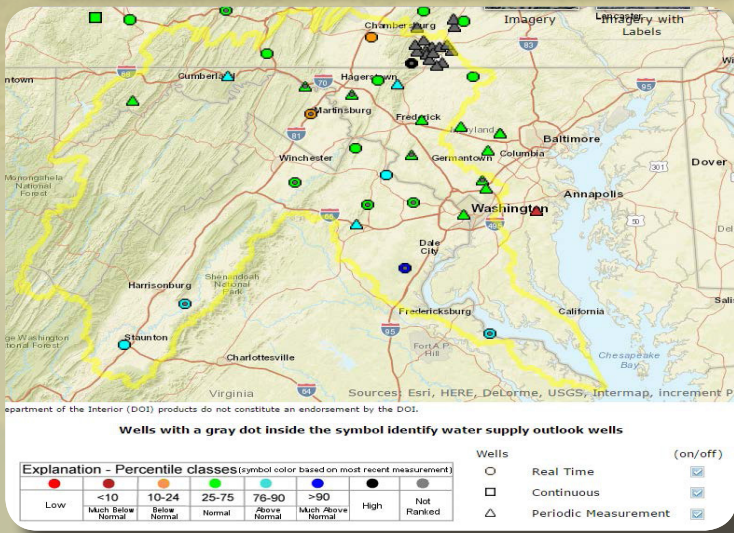
Source: NOAA



POTOMAC BASIN PRECIPITATION DATA

June 2016 - Above Normal

The Basin received 4.3 inches of precipitation in June which is 0.6 inches above normal. From October 1, 2016 to June 30, 2016 the Basin received 29.90 inches of precipitation, 2.50 inches above normal. SOURCE: Middle Atlantic River Forecast Center and the National Weather Service



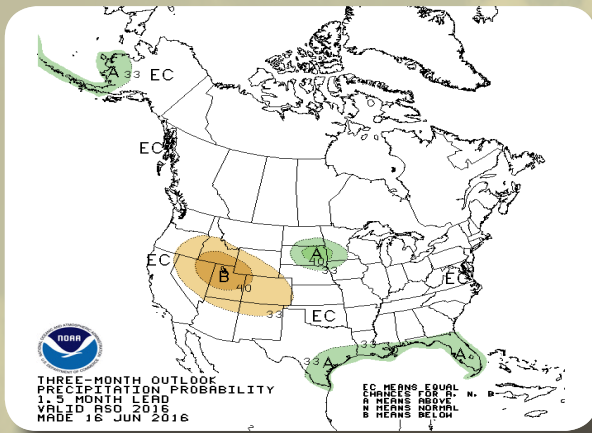
GROUNDWATER STATUS

July 2016

Normal to Above Normal

Conditions continue to improve since our last report - most of the wells monitored within the Potomac River Basin report normal to above normal levels. SOURCE: USGS - Pennsylvania Water Science Center





### PRECIPITATION OUTLOOK

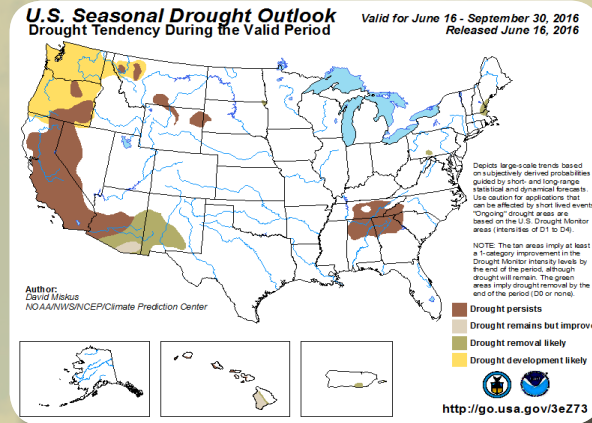
The Climate Prediction Center at the National Weather Service produces precipitation forecasts for the United States. According to the June outlook, our region has an equal chance of above, below, or normal precipitation from August through October. SOURCE: NOAA Climate Prediction Center

### RESERVOIR STATUS

#### July 2016

There is a 1 to 4 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.

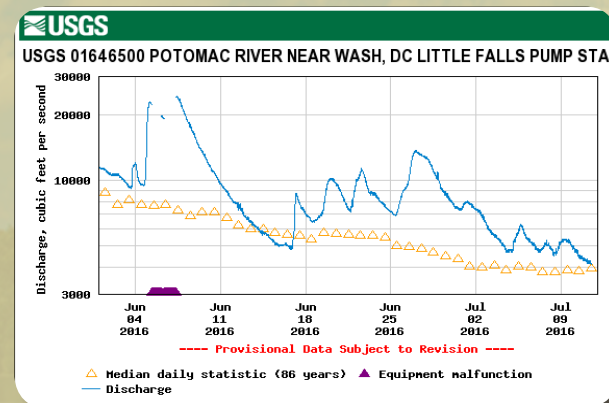
Source: ICPRB



### SEASONAL DROUGHT OUTLOOK

#### June 2016

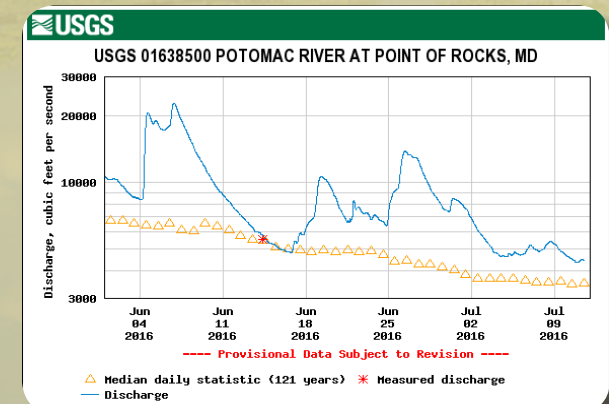
The seasonal drought outlook released on June 16, 2016 indicates that our region should not experience a drought between now and September 30, 2016. SOURCE: NOAA Climate Prediction Center



### POTOMAC RIVER FLOW

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

Streamflow levels were above median levels for the majority of the month of June. Instantaneous flow readings on July 11, 2016 at Little Falls (4,170 cfs/median, 3,960 cfs) and Point of Rocks (4,430 cfs/median 3,500 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 - July 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)				

