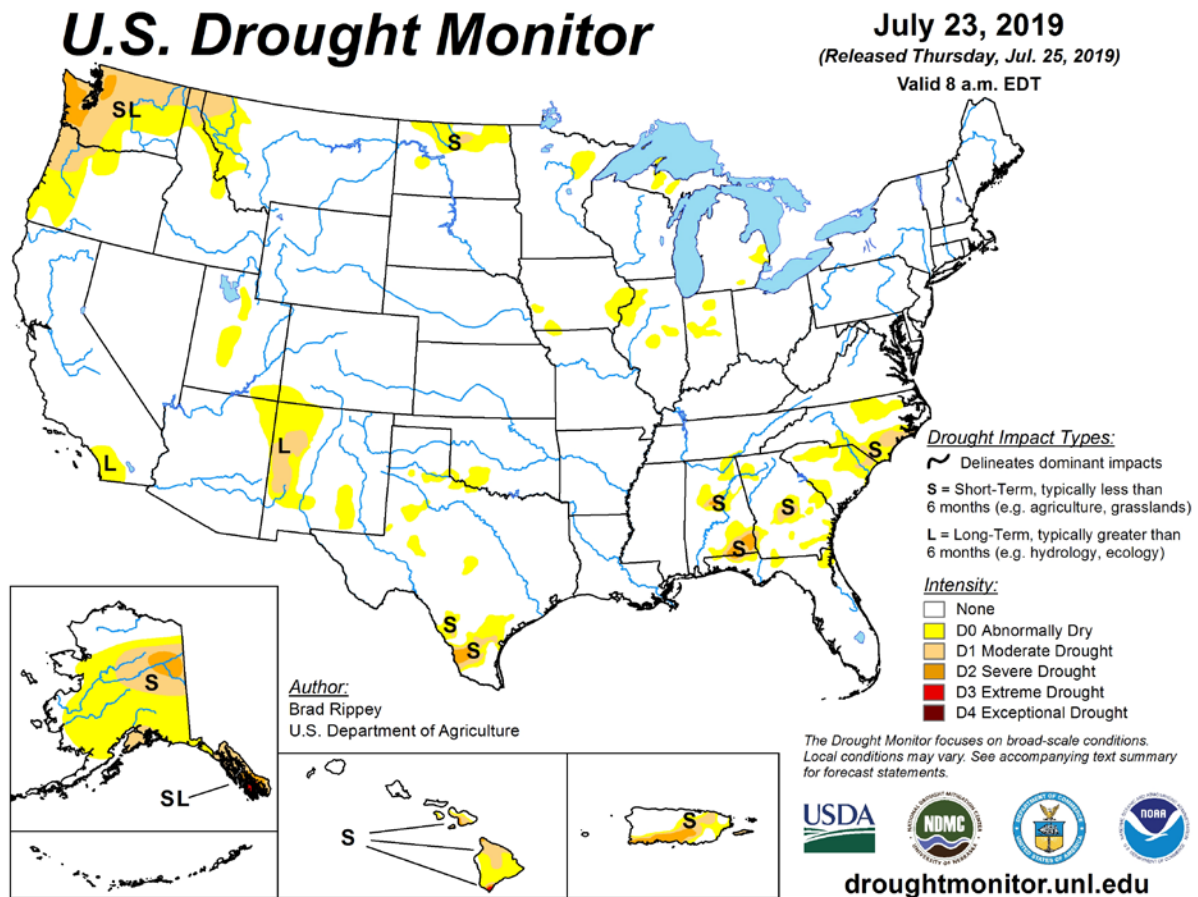


Regional Drought and Water Supply Status July 2019

SUMMARY OF CONDITIONS (as of July 30, 2019)

- The COG region is currently free of drought.
- In [Maryland \(MDE\)](#) and [Virginia \(VADEQ\)](#) all COG regions are under a normal status.
- Potomac streamflow, groundwater, and precipitation levels are normal, and local reservoirs are full.
- There is a [below normal probability of releases](#) from the metropolitan Washington area's back-up water supply reservoirs for the 2019 summer and fall seasons.
- On July 8th, the D.C. region received over 3 inches of rain in one hour. The rain totals were record breaking: <https://wjla.com/weather/stormwatch7-weather-blog/its-official-todays-rain-was-a-record-breaking-amount>
- For additional information regarding regional water supply and drought conditions, please visit COG's website at: <https://www.mwcog.org/drought>



The July 23, 2019 U.S. Drought monitor indicates that the COG region is free of drought.

Source: NOAA <http://droughtmonitor.unl.edu/>

POTOMAC STREAMFLOW LEVELS

Potomac streamflows are currently above median levels.

Instantaneous flows readings on July 30 were:

Little Falls –4,610 cfs/median 3,210 cfs

Point of Rocks –3,940 cfs/median 3,180 cfs

Source: USGS Little Falls: <https://waterdata.usgs.gov/md/nwis/uv?01646500>

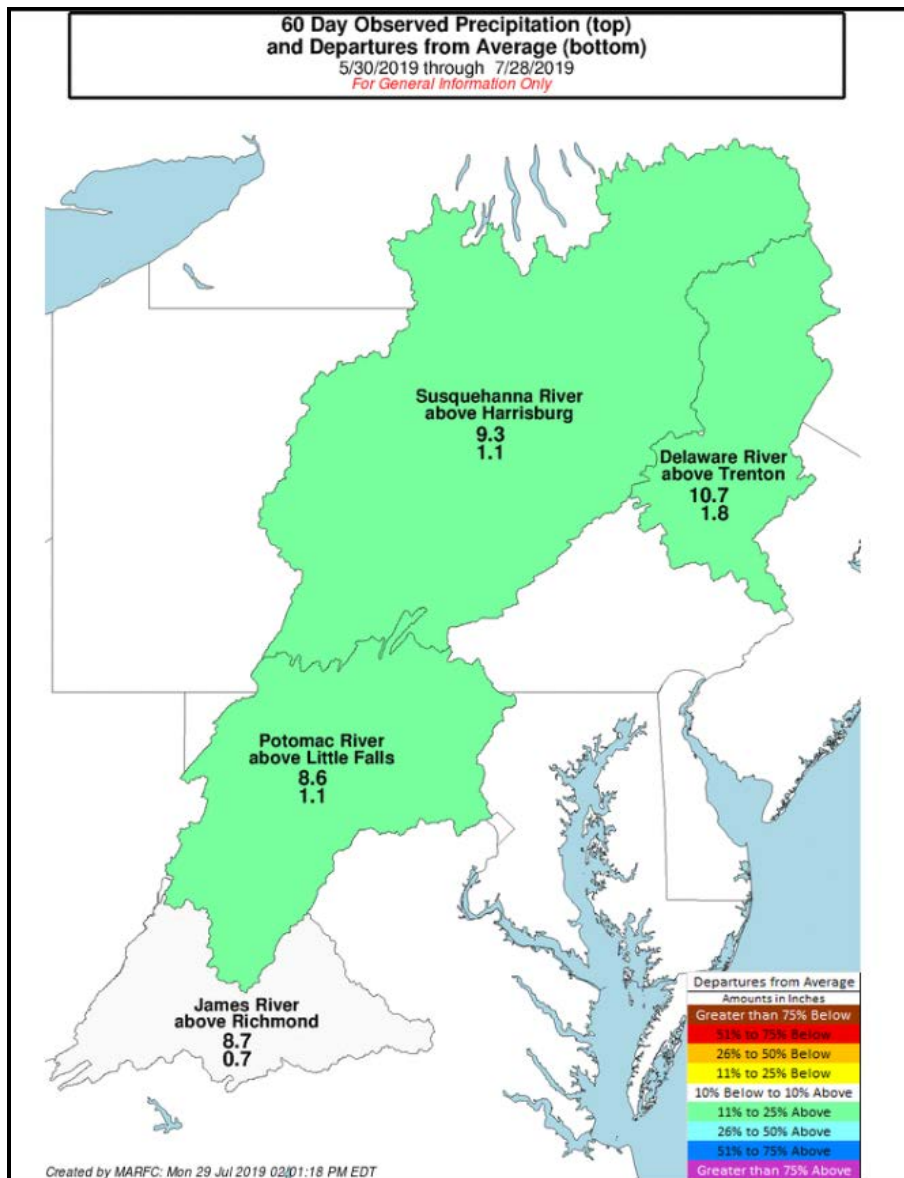
Source: USGS Point of Rocks: <https://waterdata.usgs.gov/md/nwis/uv?01638500>

POTOMAC BASIN PRECIPITATION (as of 07/28/19)

The Potomac Basin received 8.6 inches in the last 60 days which is 11% to 25% above average.

Source: Middle Atlantic River Forecast Center

<https://www.weather.gov/marfc/BasinPrecipitation60Day>



GROUNDWATER LEVELS

A number of regional groundwater levels are above normal and a few are at high or record high levels:

Source: USGS

https://md.water.usgs.gov/groundwater/web_wells/current/water_table/counties/index.html

<https://groundwaterwatch.usgs.gov/NetMapT1L2.asp?ncd=crn&sc=51>

DROUGHT OUTLOOKS

The latest U.S. Seasonal Outlook indicates that drought development is not likely in the COG region over the next three months. Source: NOAA

http://www.cpc.ncep.noaa.gov/products/expert_assessment/sdo_summary.php

RESERVOIR LEVELS

Drinking water reservoirs at Jennings Randolph and Little Seneca are full.

Source: <http://www.nab-wc.usace.army.mil/nab/potopub.html>

There is a below normal probability of releases from the Washington metropolitan area's back-up water supply reservoirs for the 2019 summer and fall seasons. Generally, the use of Jennings Randolph and Little Seneca reservoirs is triggered by low flows brought about by a combination of low summer precipitation and low groundwater levels. There is a minimal (<1 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.

Source: ICPRB

<https://www.potomacriver.org/focus-areas/water-resources-and-drinking-water/cooperative-water-supply-operations-on-the-potomac/drought-monitoring-and-operations/water-supply-outlook-status/>

7 DAY PRECIPITATION FORECAST (July 30 – August 6)

The 7 Day quantitative precipitation forecast calls for 0.25 to 0.75 inches in the COG region.

Source: COG and NOAA: <http://www.wpc.ncep.noaa.gov/qpf/day1-7.shtml>

