

Presented to an advisory committee of the DRBC on October 14, 2026. Contents should not be published or re-posted in whole or in part without the permission of DRBC.

Hydrologic Conditions

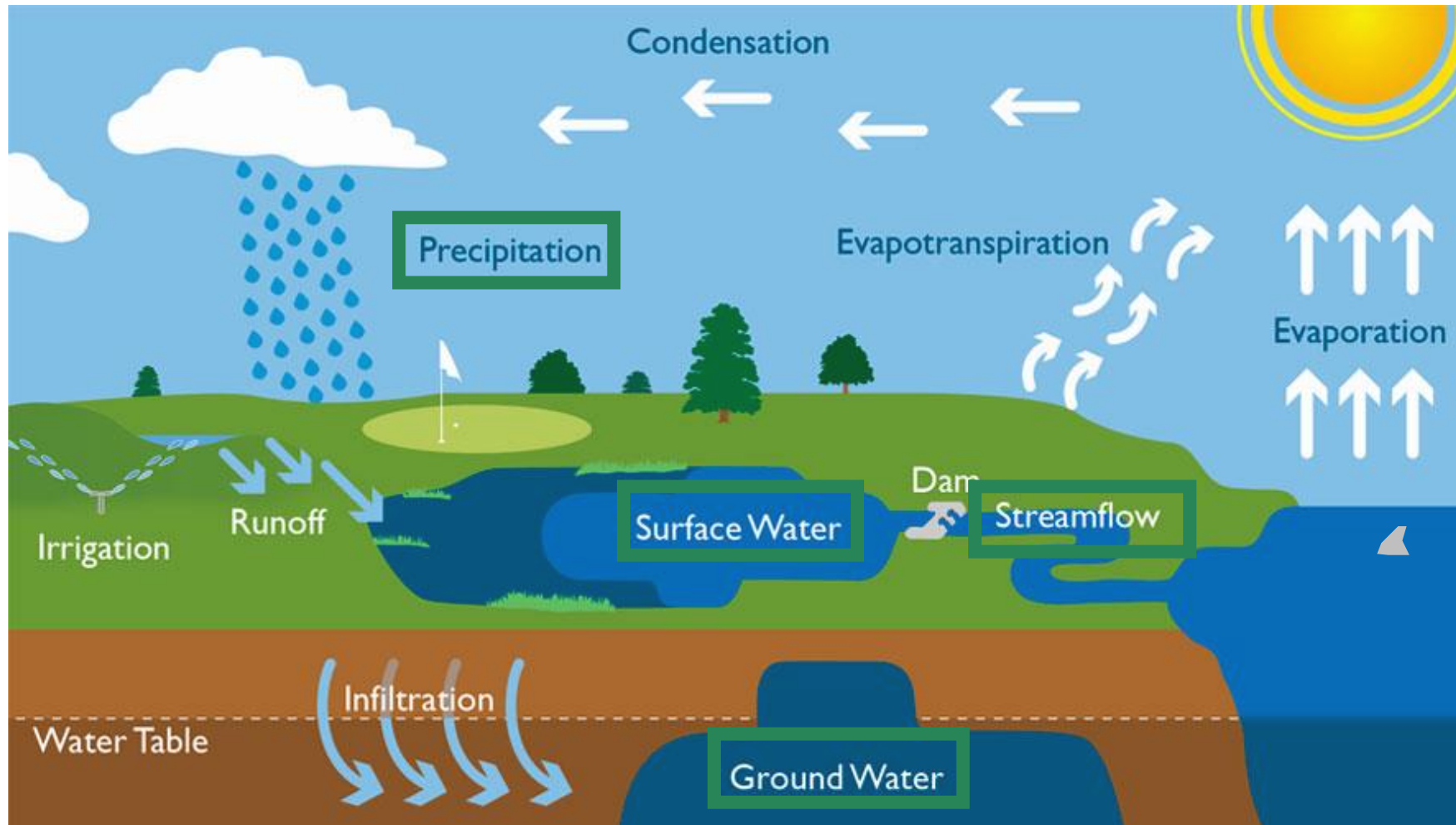
Sara Sayed
Water Resource Scientist
Water Resource Operations

October 14, 2026
*Water Management Advisory
Committee Meeting*



The Hydrologic Cycle

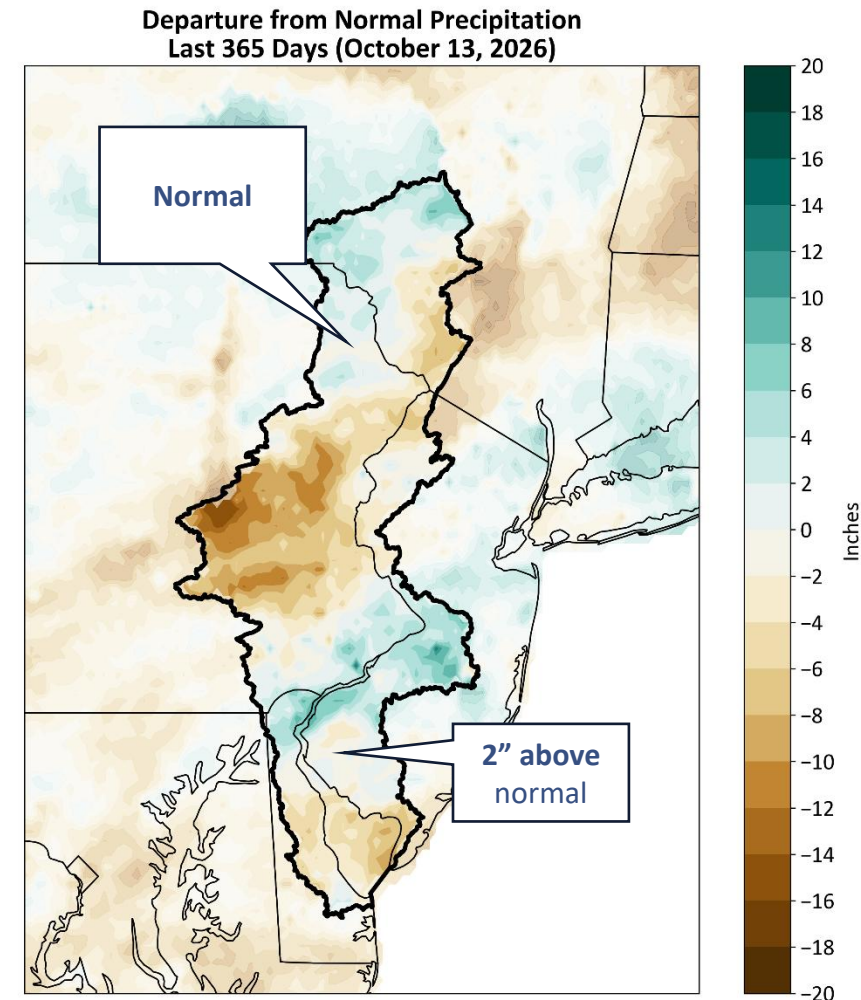
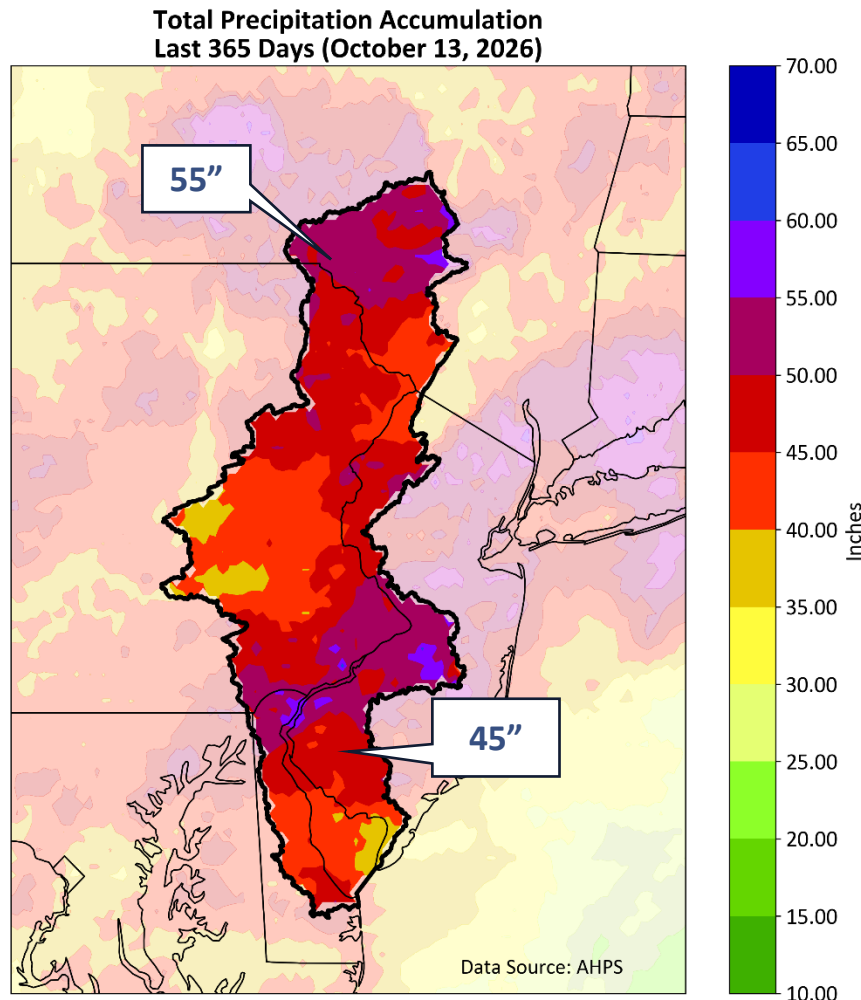
Water moves around the earth through air, soil, and over land.



Graphic courtesy of Pike County Soil Conservation District

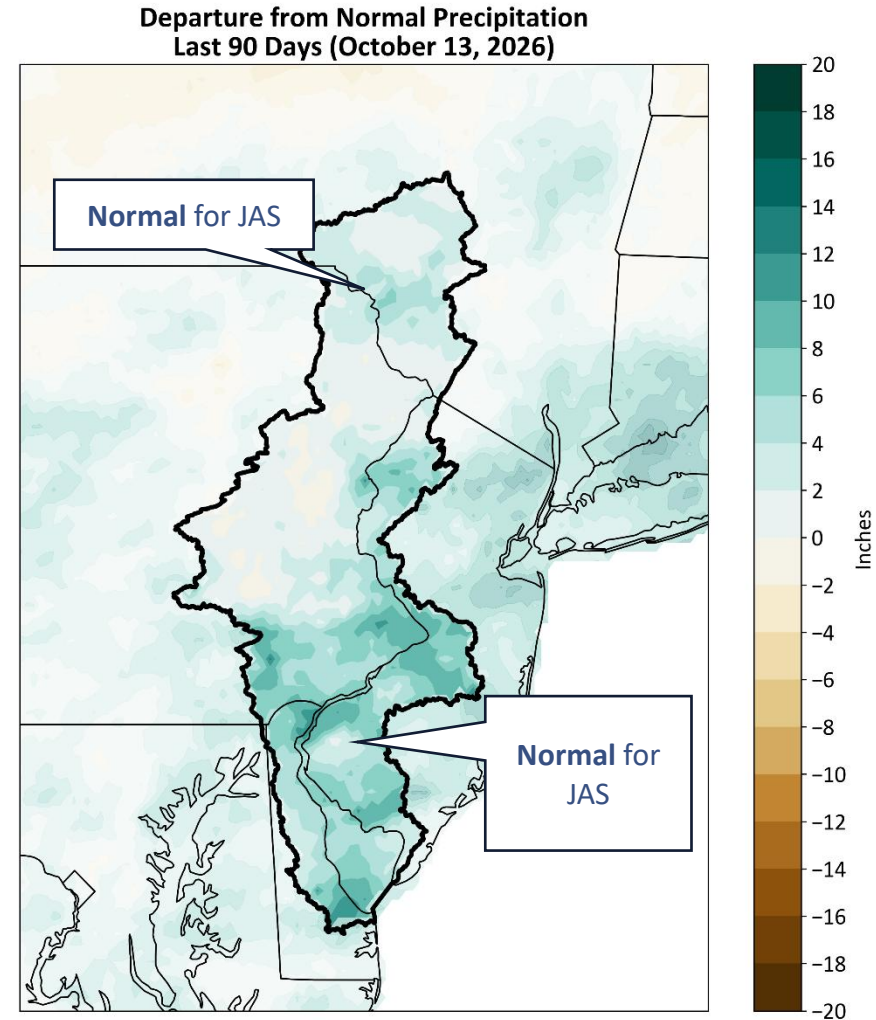
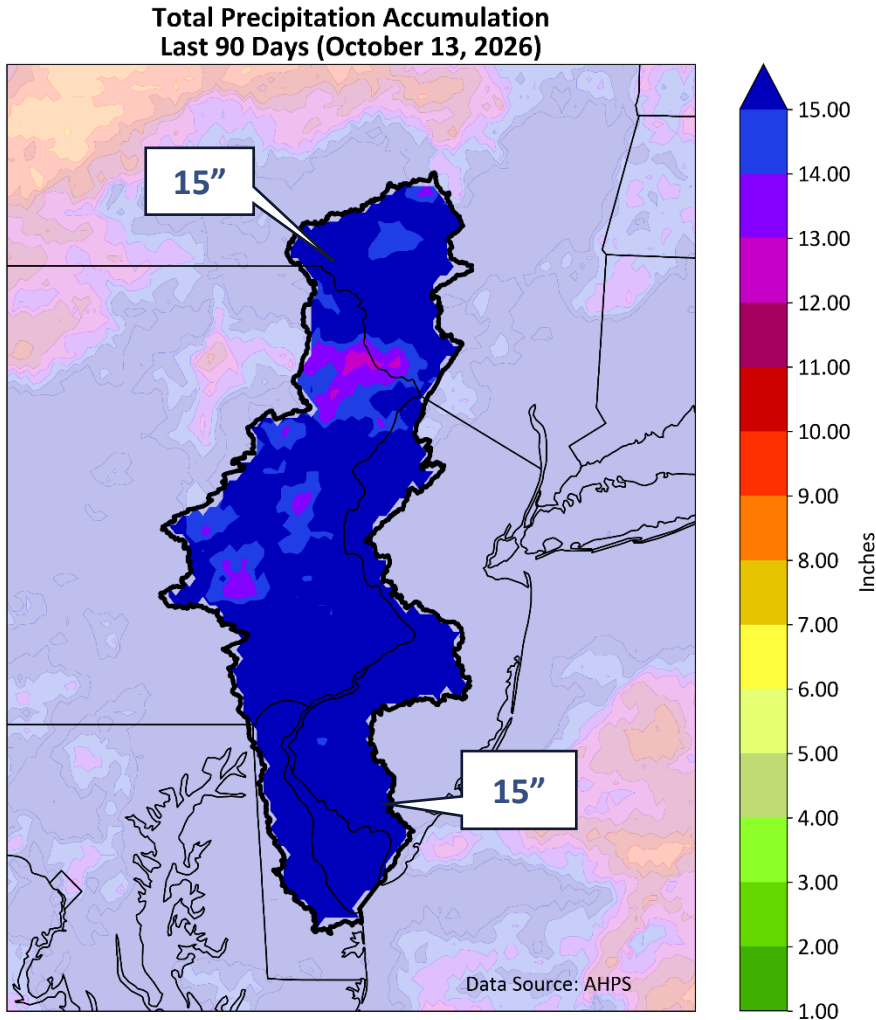
Precipitation over the last year

Conditions have recovered significantly beginning in the summer and continuing through the early fall.



Precipitation – 90 days

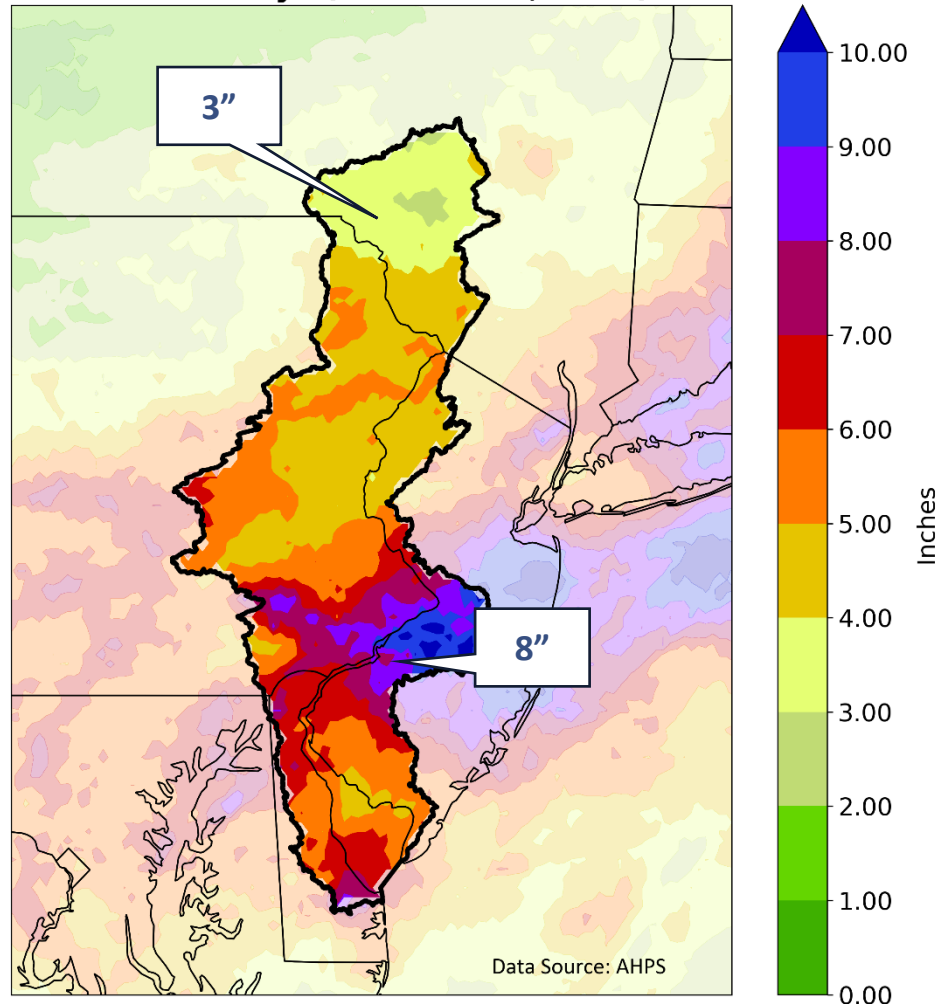
The past three-month period was about normal throughout the Basin.



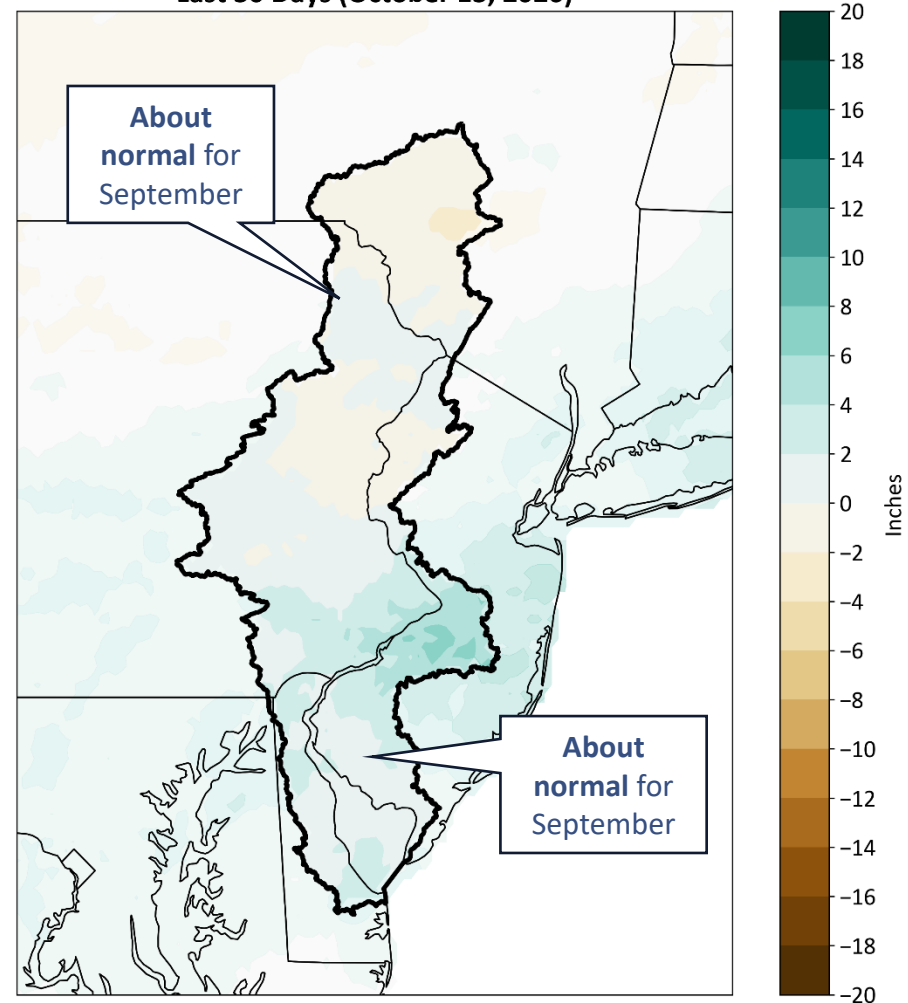
Precipitation – 30 days

September's precipitation was about normal.

**Total Precipitation Accumulation
Last 30 Days (October 13, 2026)**



**Departure from Normal Precipitation
Last 30 Days (October 13, 2026)**



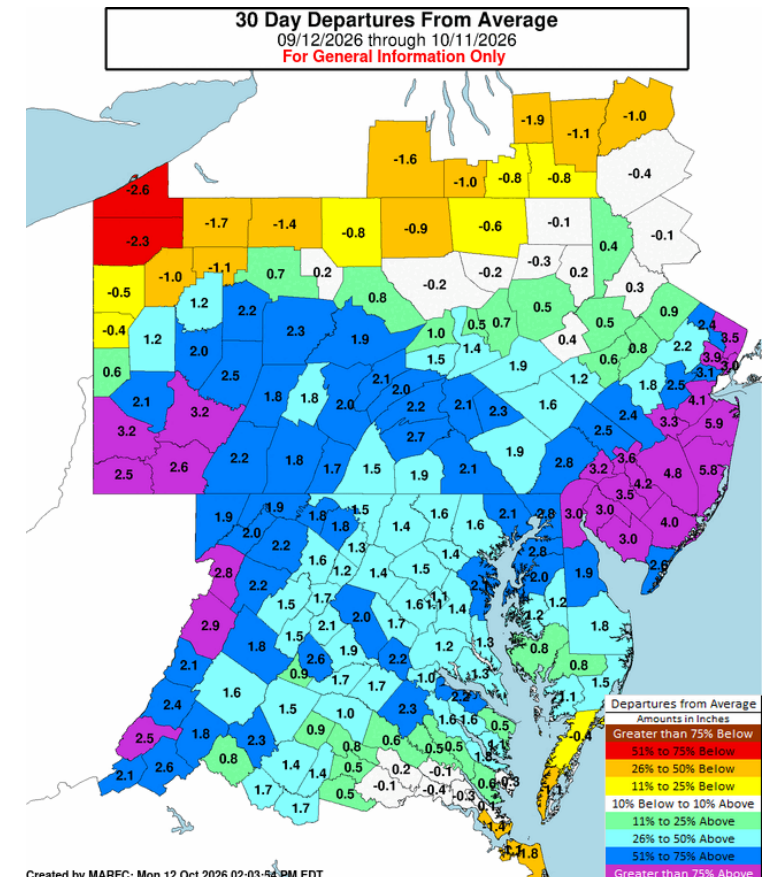
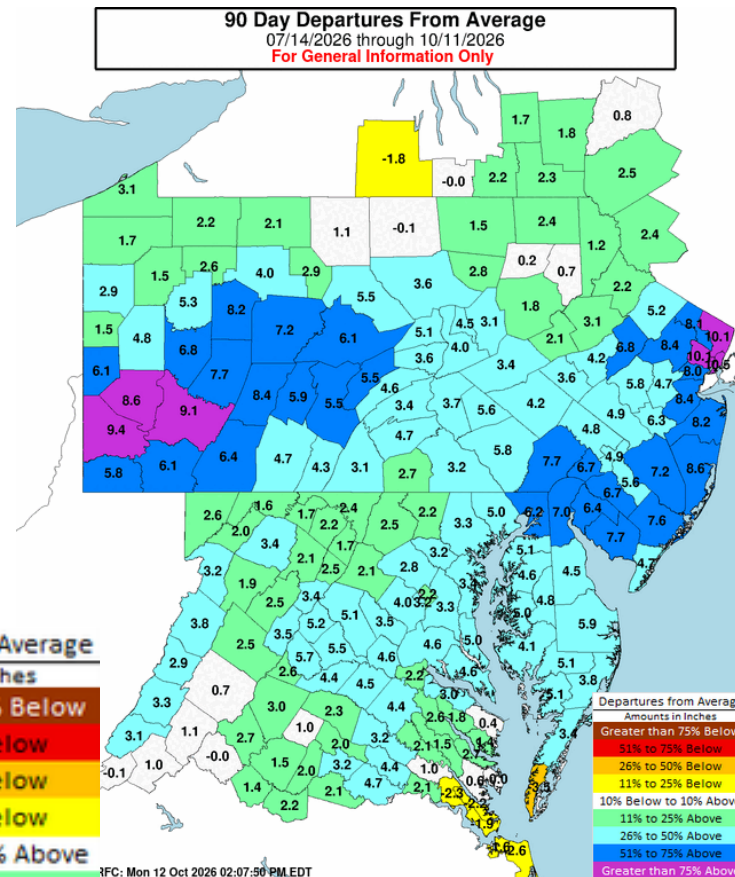
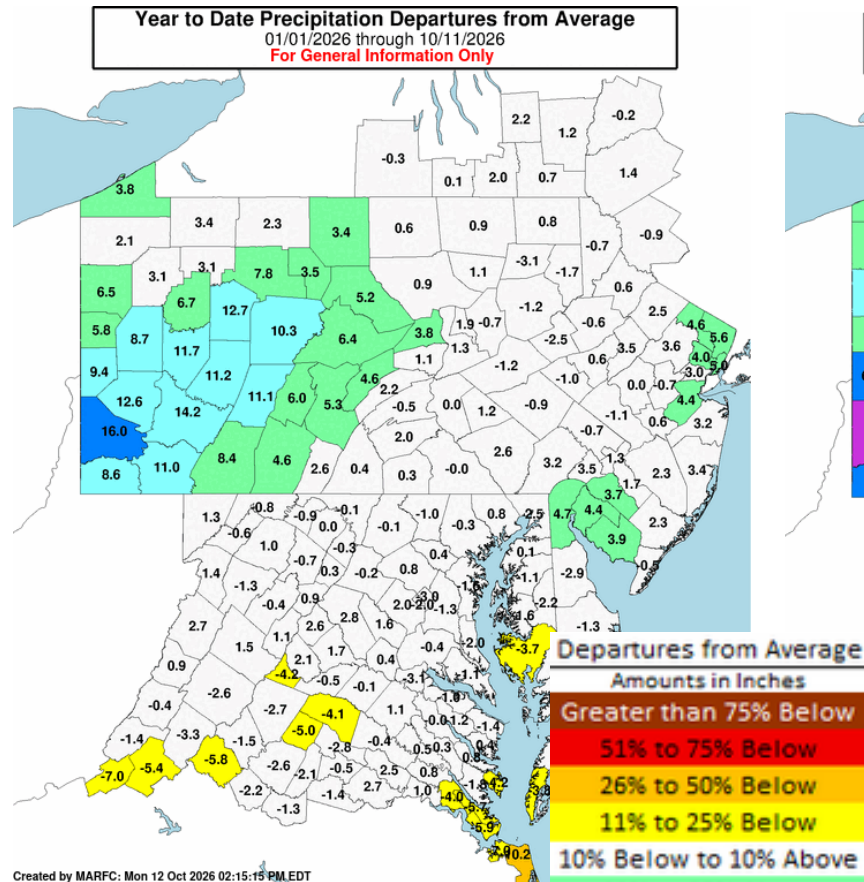
Precipitation Departures

Conditions are running greater than normal in the Basin.

Year-to-date

90-day

30-day



Streamflow

A mix of normal conditions and above normal conditions throughout the Basin.

Flow Conditions:

Upper Basin: Normal to above normal

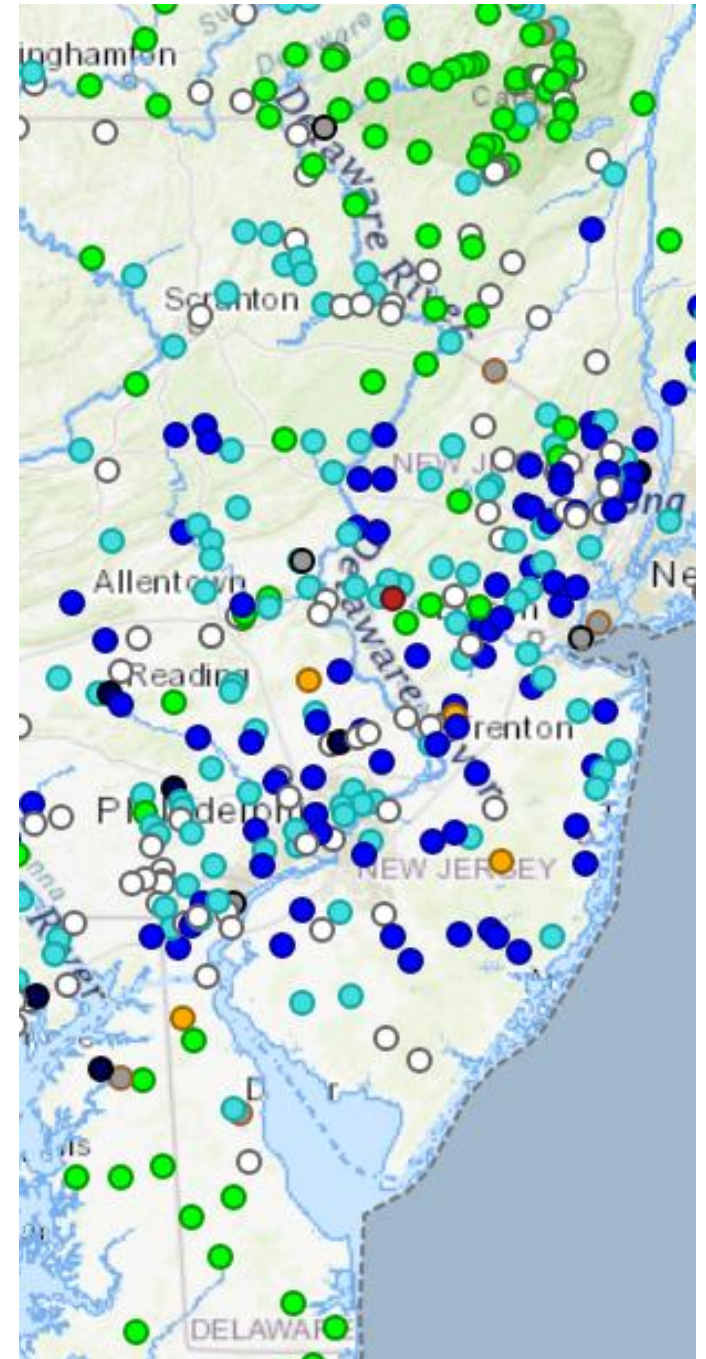
Central Basin: Above to Much above normal

Lower Basin: Normal to above normal

Explanation - Percentile classes							
							
Low	<10	10-24	25-75	76-90	>90	High	Not-ranked
	Much below normal	Below normal	Normal	Above normal	Much above normal		

Map last updated:
10:27 am, October 13th, 2026

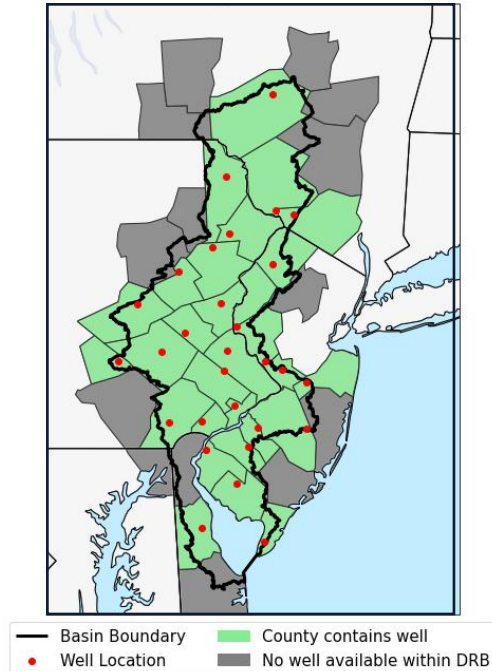
Data Source: USGS



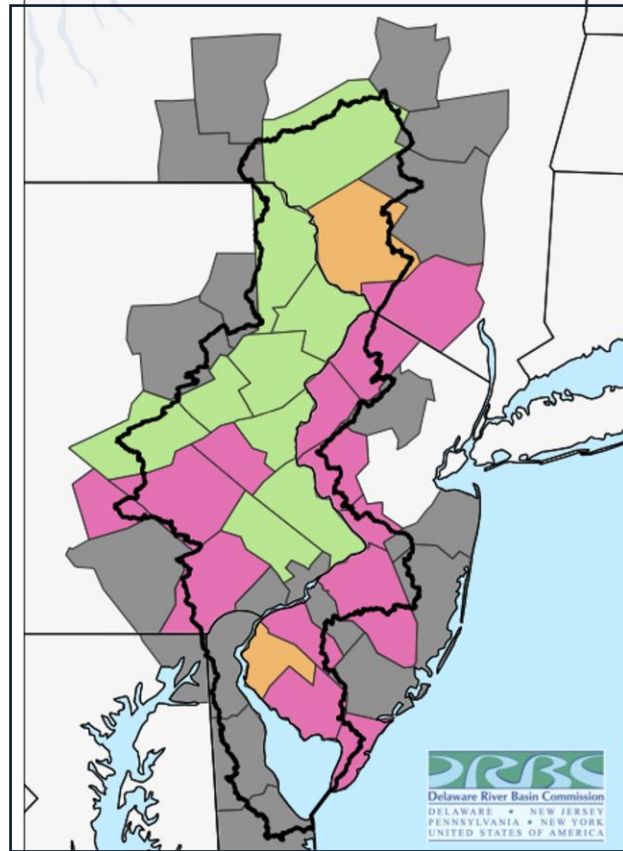
Groundwater Levels

Groundwater levels have recovered with the recent precipitation.

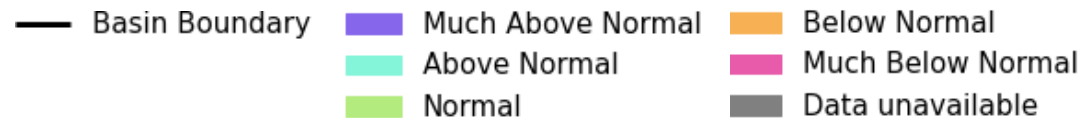
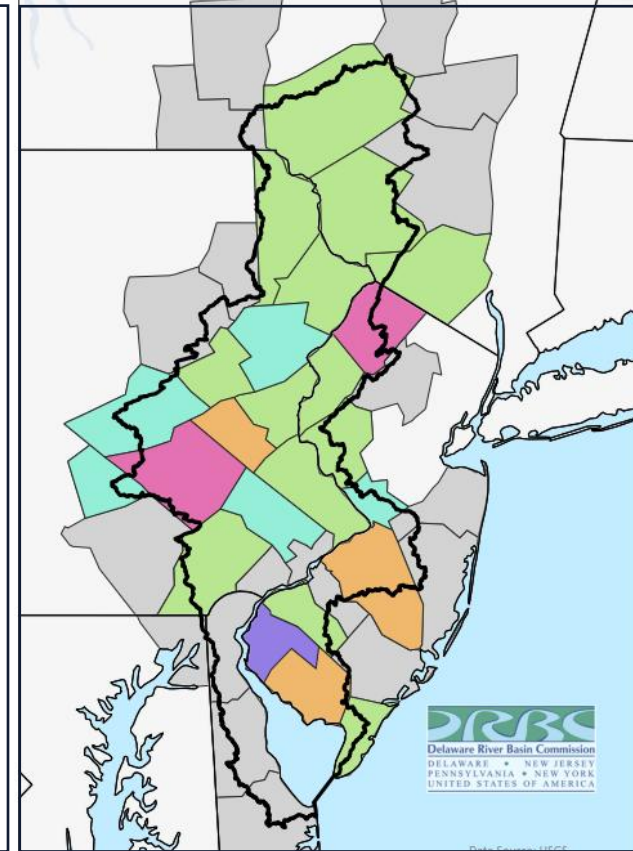
Reference Wells



June 1, 2026

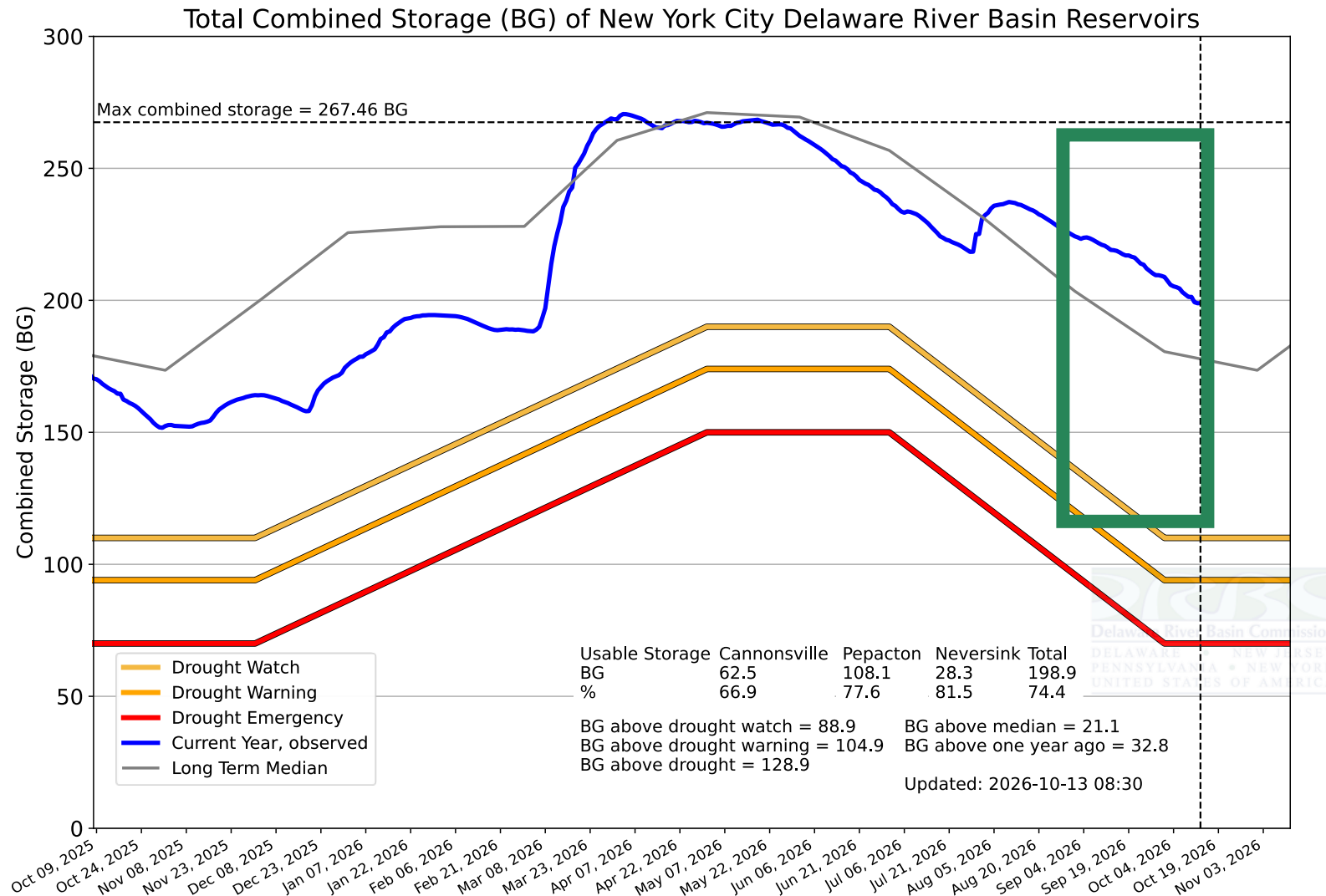


October 12, 2026



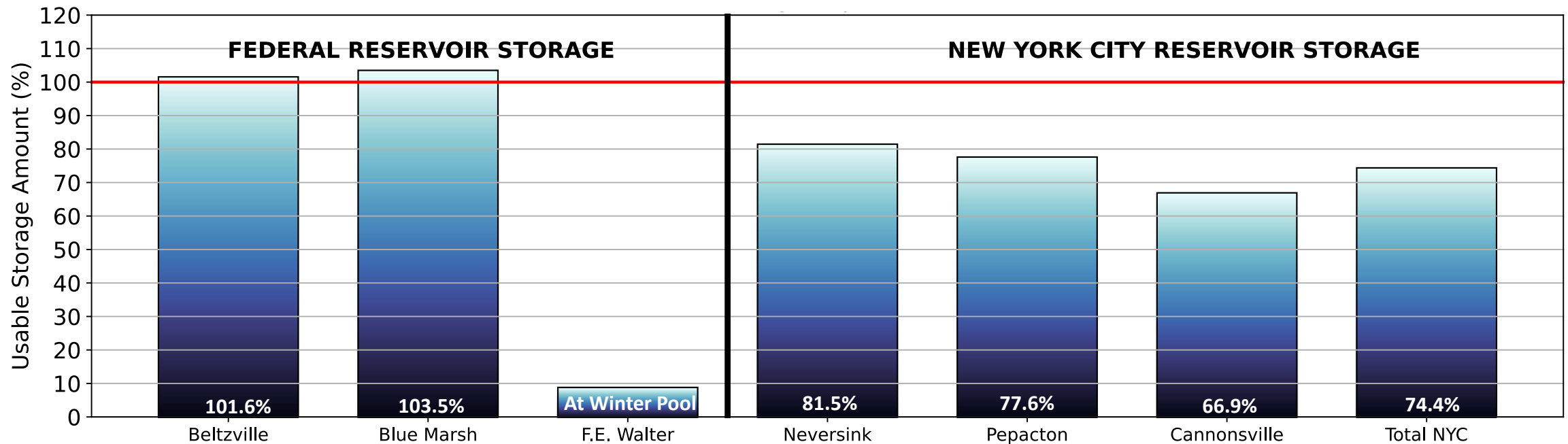
New York City Reservoir Storage

Combined storage is above long-term median and 88.9 BG above drought watch.



Reservoir Storage for Flow Management

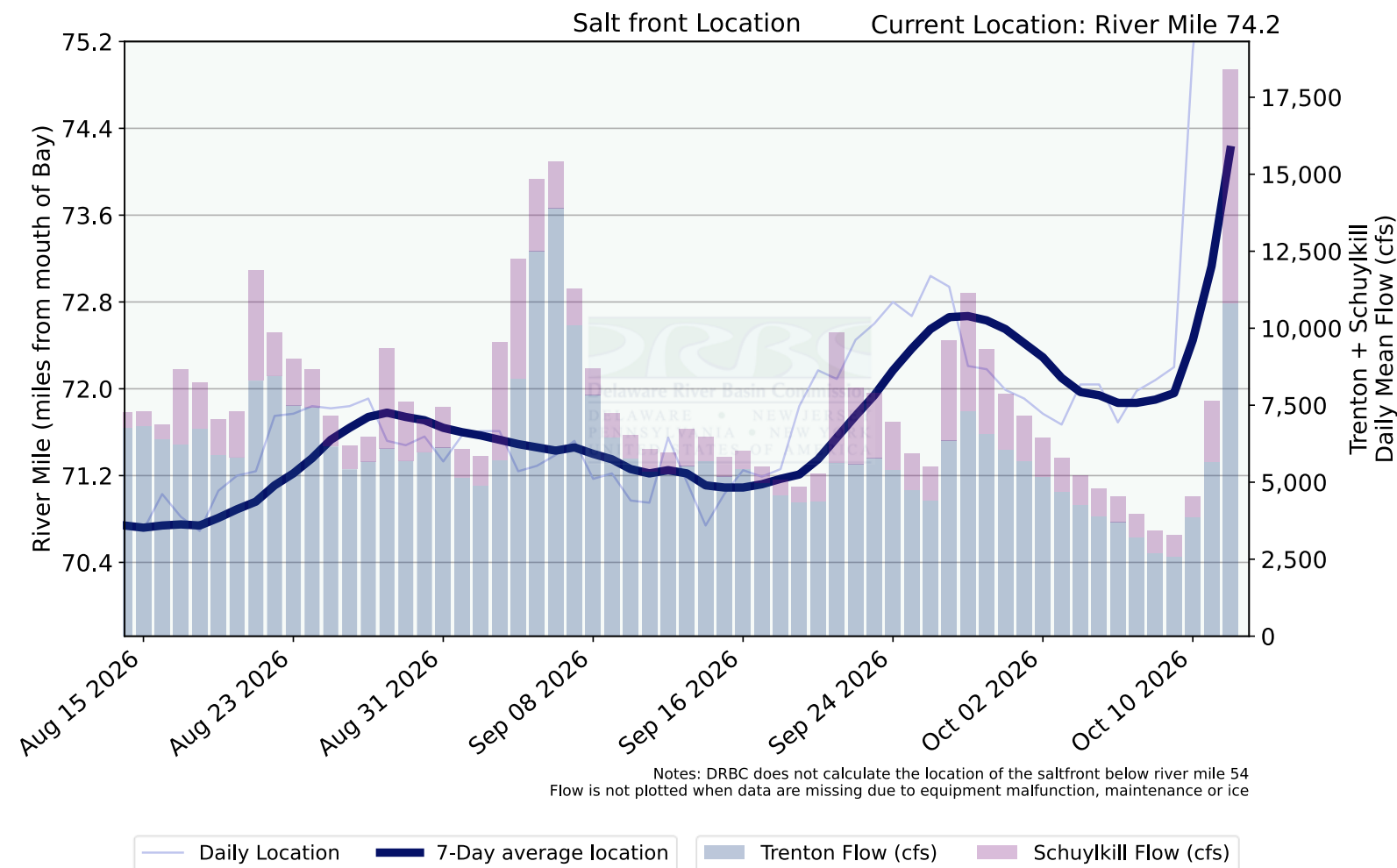
NYC reservoirs are about 75% full. Lower Basin reservoirs 100% full.



Releases from Lower and Upper Basin Reservoirs are used to meet flow objectives.

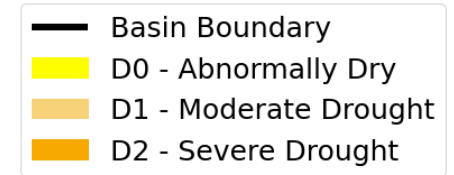
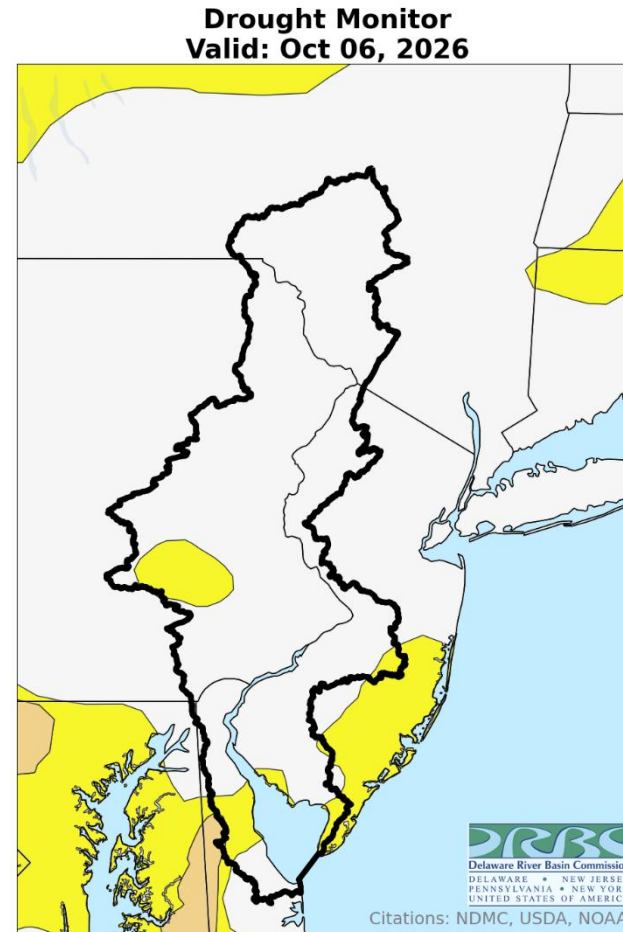
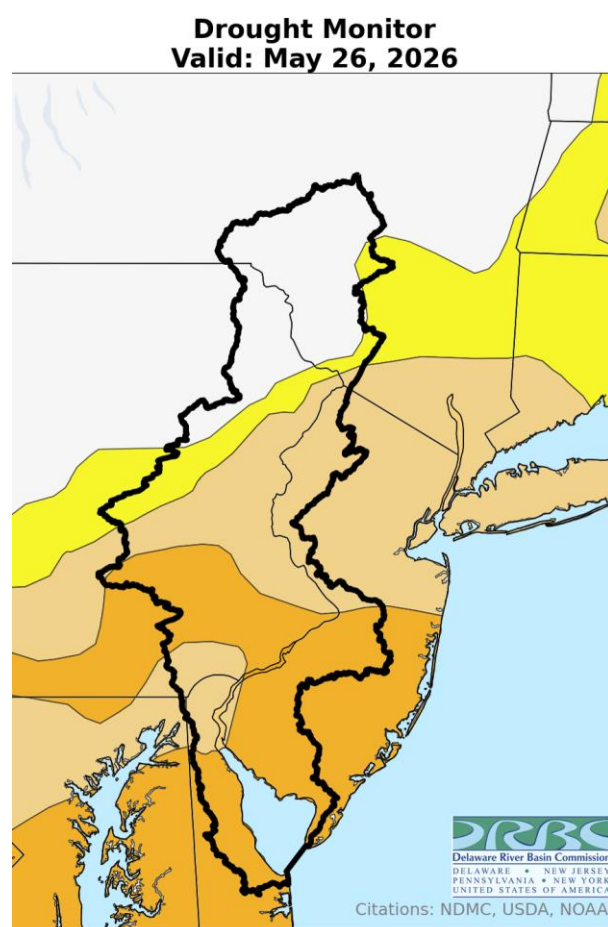
Salt Front Location

Salt front is currently at RM74 which is above the monthly average of RM72.



Drought Monitor

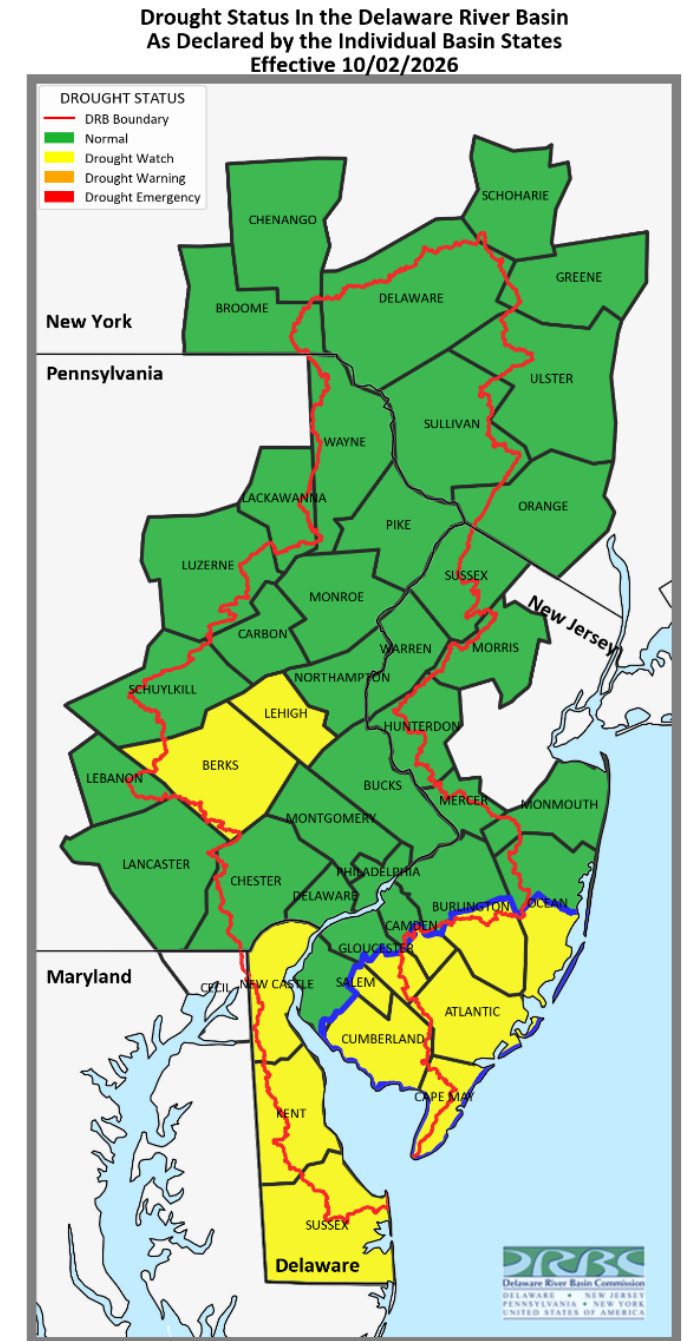
Dry and drought conditions in the Basin have significantly improved in the last 5 months.



Current Drought Status

Most counties in the DRB are in normal status.

- DRB drought status is normal
- NJ: Normal as of Oct 2026, Coastal South region in drought watch
- DE: Drought watch as of June 2026
- NY: Normal
- PA: Normal except for drought watch in 2 DRB counties



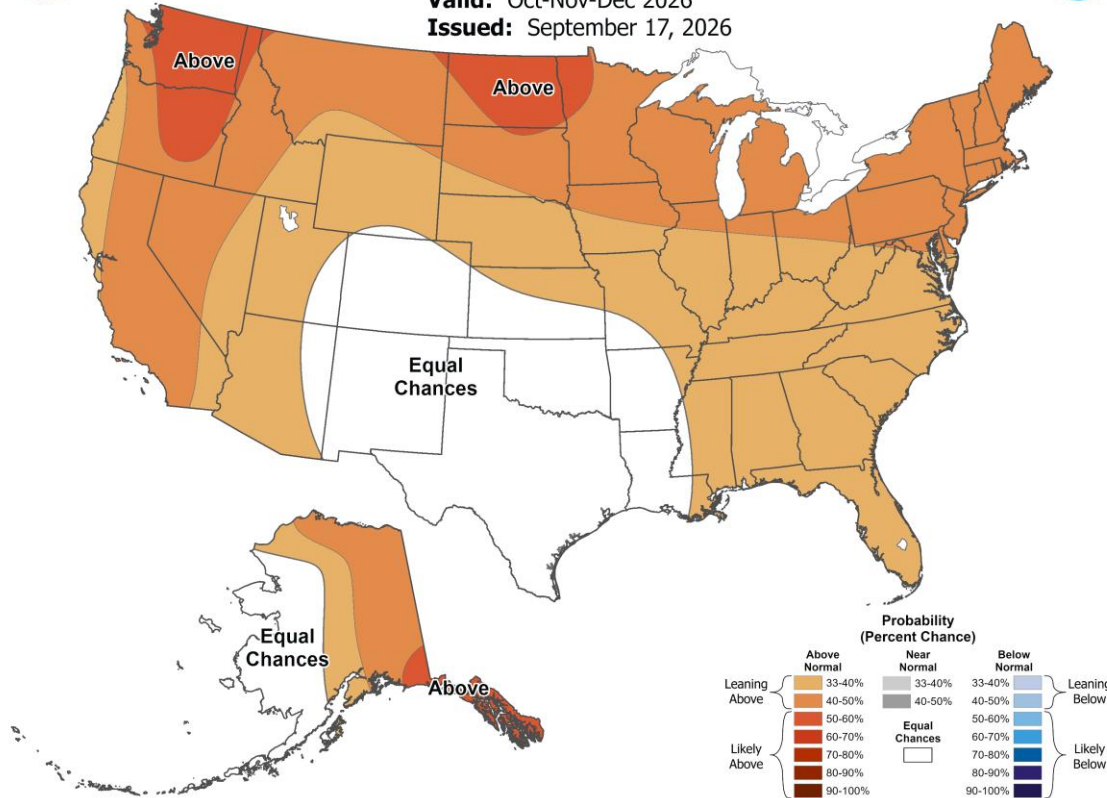
NOAA Seasonal Outlook

Warm and wet fall expected.



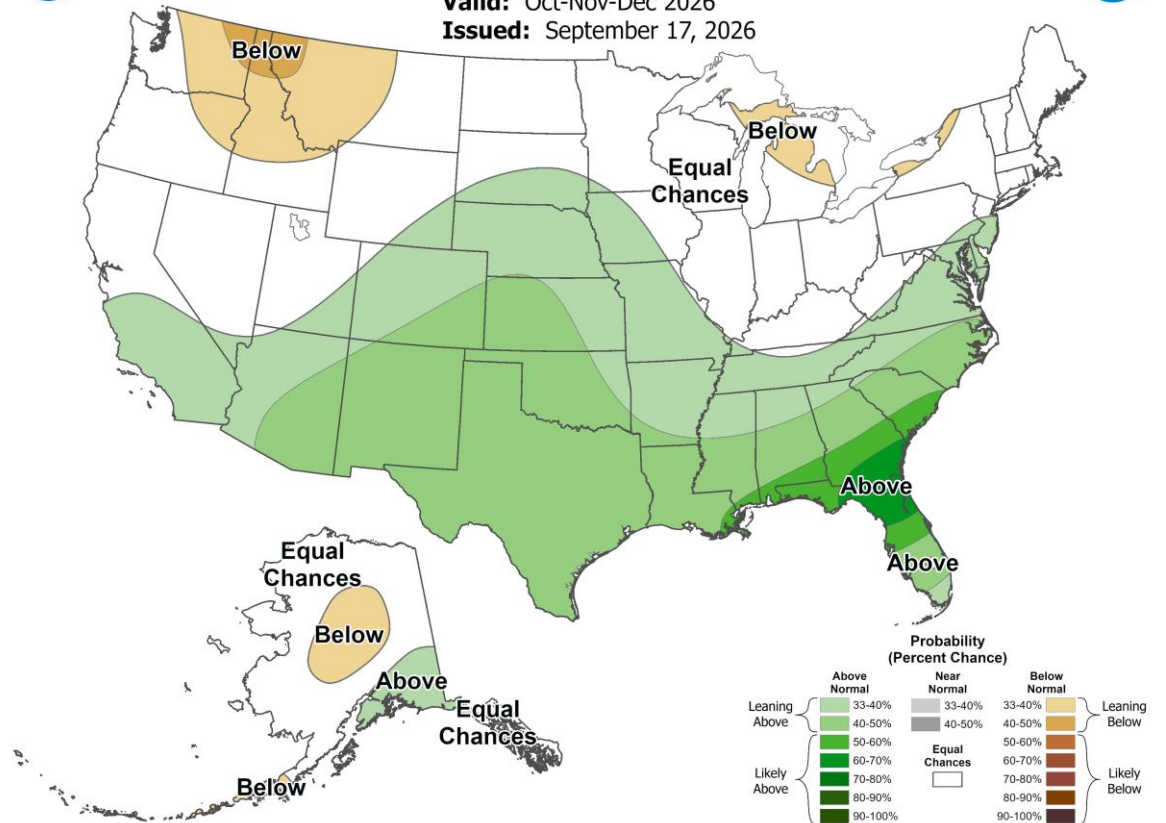
Seasonal Temperature Outlook

Valid: Oct-Nov-Dec 2026
Issued: September 17, 2026



Seasonal Precipitation Outlook

Valid: Oct-Nov-Dec 2026
Issued: September 17, 2026





Hydrologic conditions summary

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- Conditions have generally improved, which is reflected by normal groundwater conditions and normal flows in the streams. Groundwater wells in the Coastal South region continue to struggle to recover.
 - Three-month outlook – The fall is expected to be warm and wet.
 - Streamflows are currently normal to much above normal throughout the Basin due to recent rainfall.



Enjoy the fall!