

# **Hydrologic Conditions**









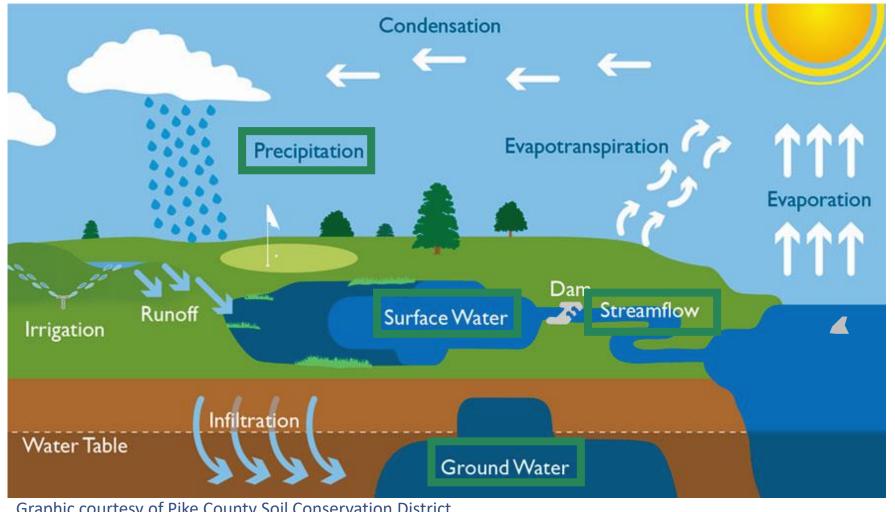




Presented to an advisory committee of the DRBC on June 18, 2025. Contents should not be published or re-posted in whole or in part without the permission of DRBC.

# The Hydrologic Cycle

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

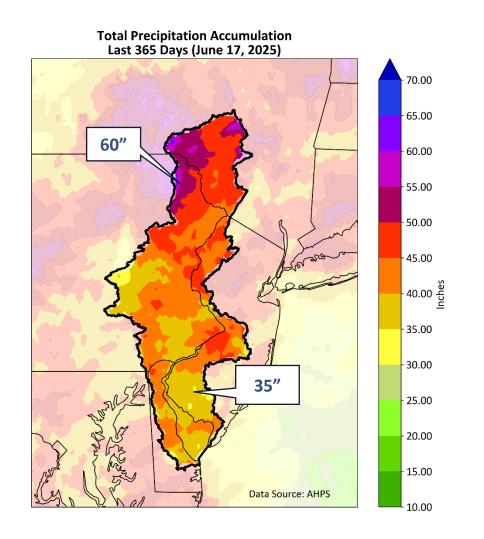


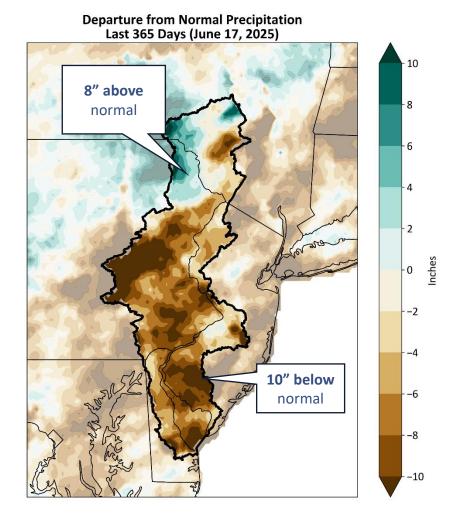




# Precipitation over the last year

Slightly improving conditions throughout the basin.

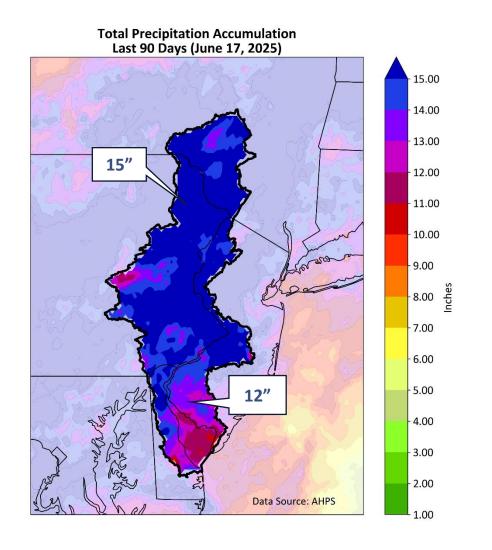


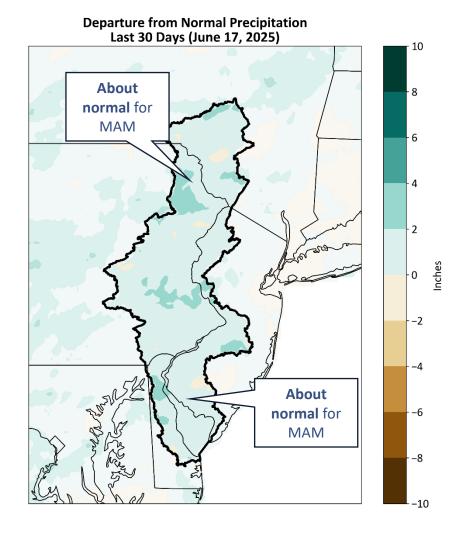




# Precipitation – 90 days

The past three-month period was about normal.

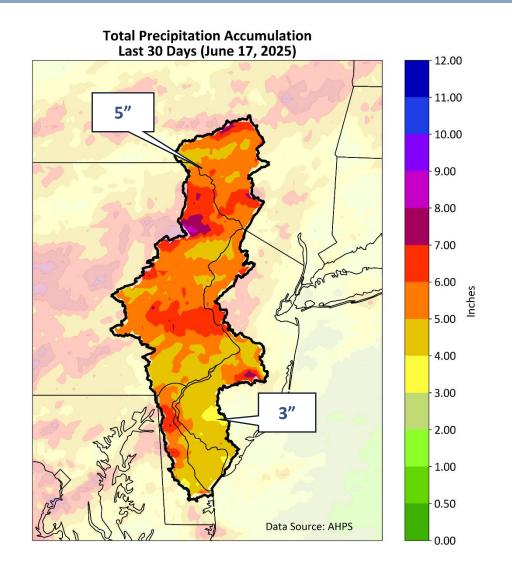


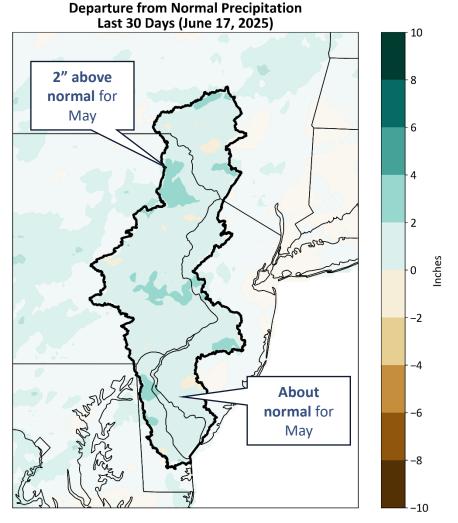




# Precipitation – past 30 days

#### May's precipitation was about normal.

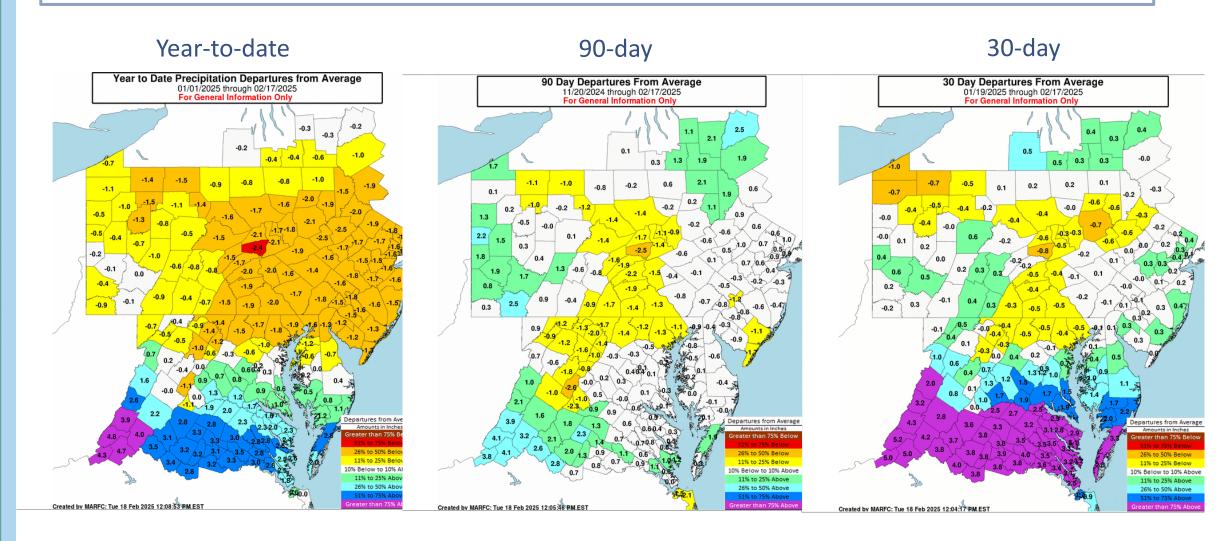






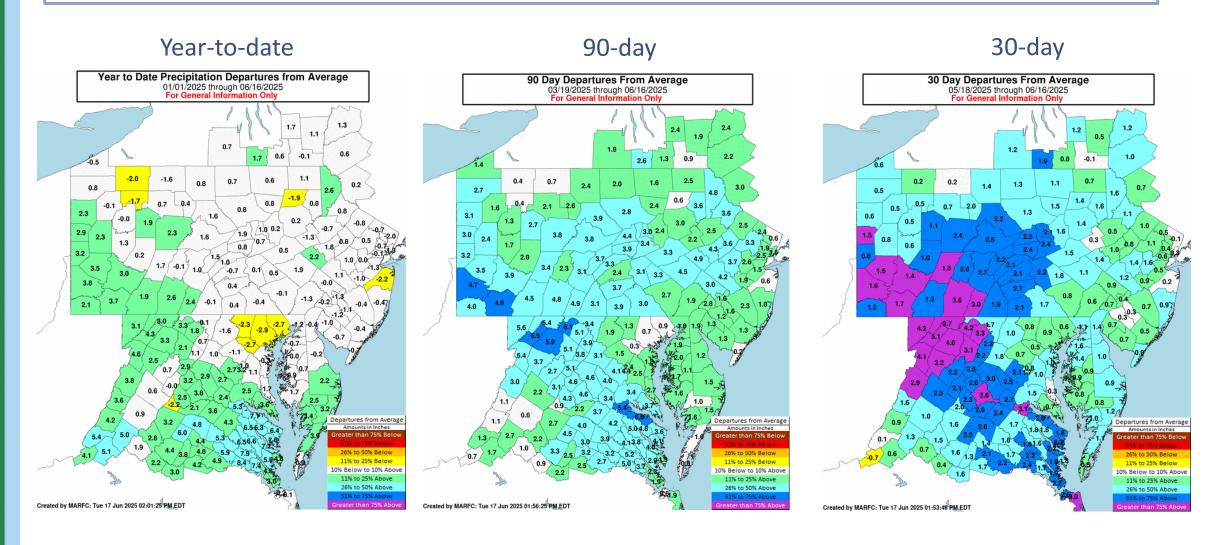
# **Precipitation Departures**

Conditions have recovered in the last 90 days with rainfall.



# **Precipitation Departures**

Conditions have recovered to mostly normal over all temporal scales.



#### Streamflow

Most tributaries have recovered to normal conditions with recent precipitation, but still dry in Southern NJ.

#### Flow Conditions:

Upper Basin: Above Normal to Normal

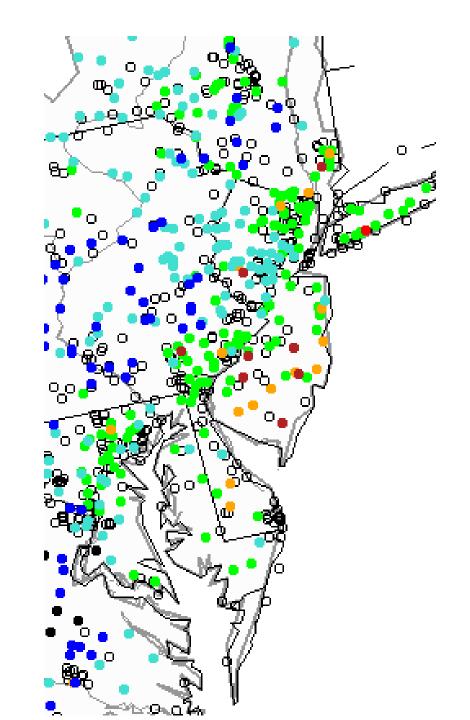
Central Basin: Above Normal to Normal

Lower Basin: Normal

Explanation - Percentile classes									
•		•	•			•	0		
Low	<10	10-24	25-75	76-90	>90	High	Not-ranked		
	Much below normal	Below normal	Normal	Above normal	Much above normal				

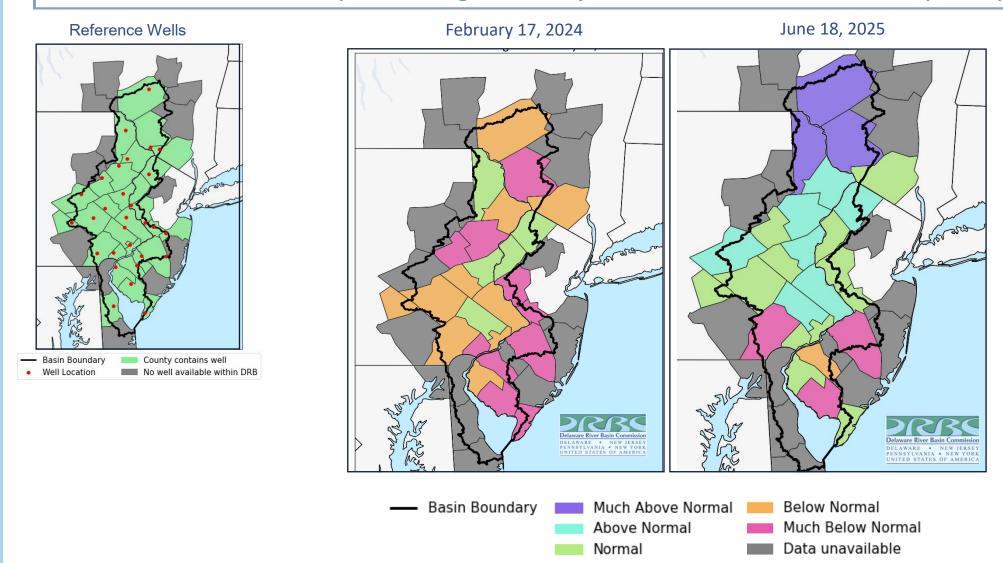
Map last updated: 3:30 pm, June 17, 2025

Data Source: USGS



### **Groundwater Levels**

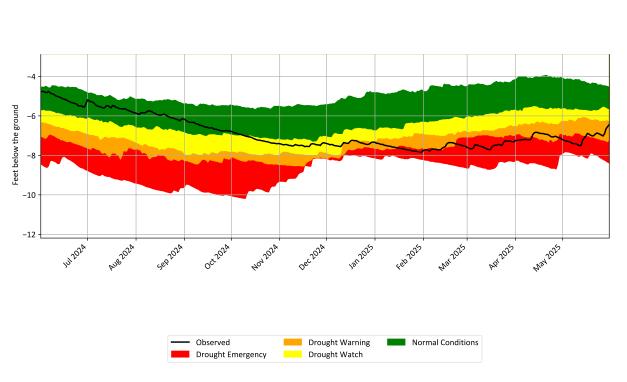
Groundwater levels improved significantly with the rainfall over the past quarter.

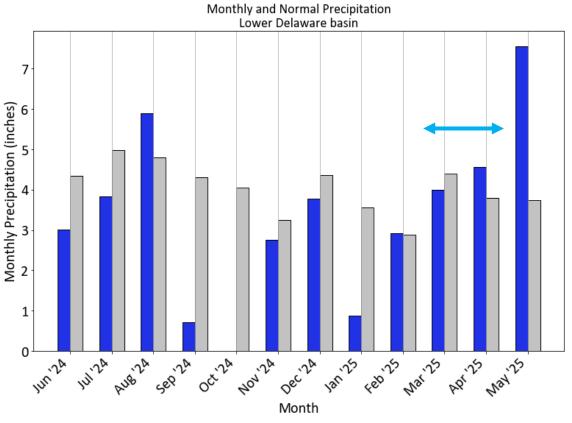




#### **Groundwater Levels**

Groundwater levels are slow to recover in some areas even with recent precipitation.



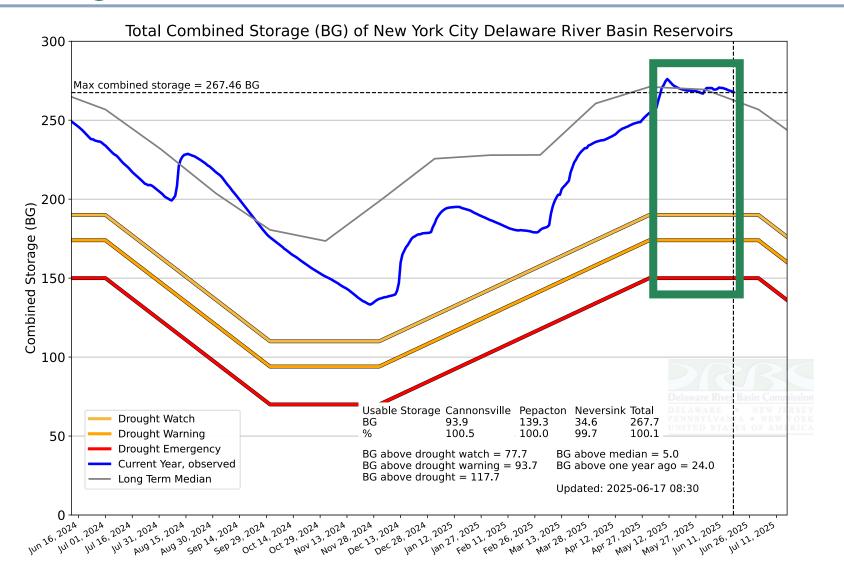






# New York City Reservoir Storage

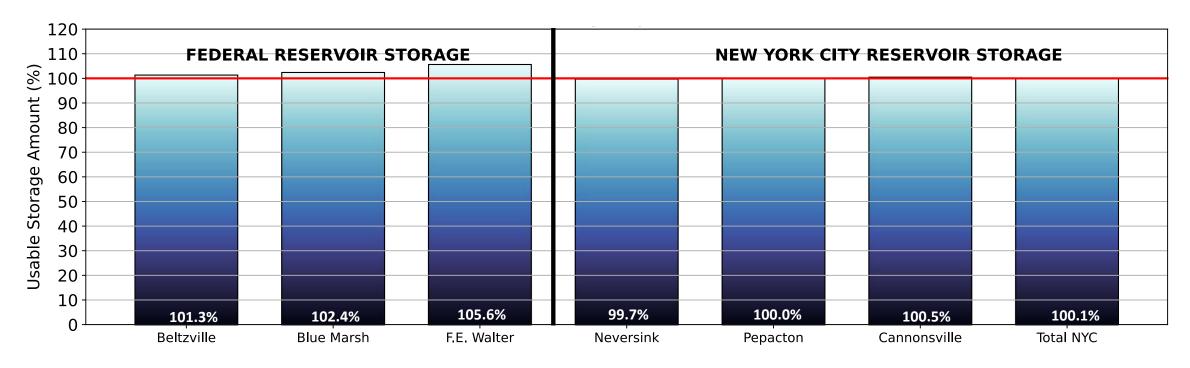
Combined storage has met its refill date of June 1st.





### Reservoir Storage for Flow Management

NYC and lower basin reservoirs are all full.

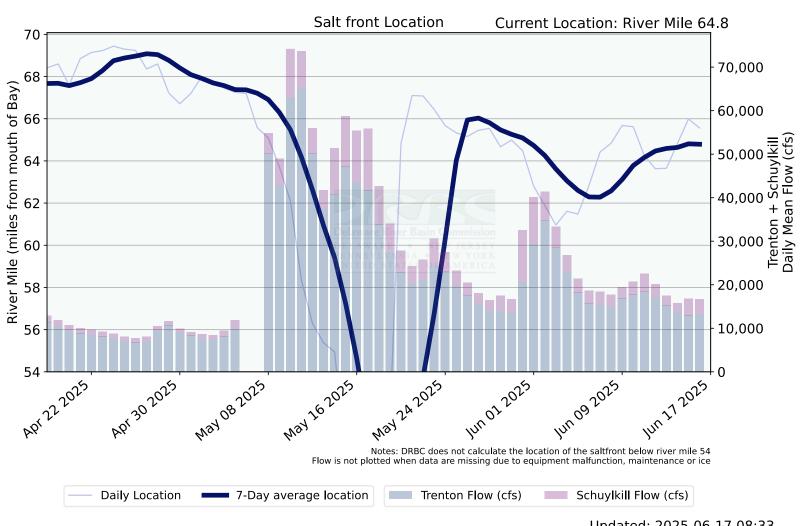


Releases from Lower and Upper Basin Reservoirs are used to meet flow objectives.



### Salt Front Location

Salt front is below the monthly average of RM69.

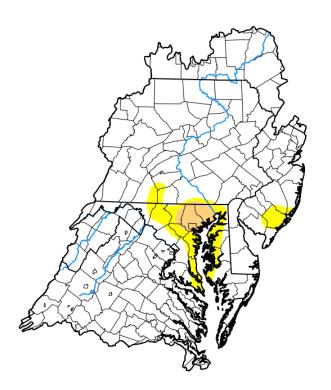


Updated: 2025-06-17 08:33

## **Drought Monitor**

Conditions have significantly improved throughout the basin with recent precipitation. The whole basin is mostly in normal conditions.

#### U.S. Drought Monitor Middle Atlantic RFC



#### June 10, 2025 (Released Thursday, Jun. 12, 2025) Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0	D1	D2		D4
Current	92.54	5.74	1.72	0.00	0.00	0.00
Last Week 06-03-2025	84.11	14.17	1.72	0.00	0.00	0.00
3 Months Ago 03-11-2025	34.68	23.97	24.05	15.35	1.95	0.00
Start of Calendar Year 01-07-2025	25.13	23.73	27.84	19.94	3.36	0.00
Start of Water Year 10-01-2024	54.31	31.90	10.79	2.52	0.47	0.00
One Year Ago 06-11-2024	75.08	24.92	0.00	0.00	0.00	0.00

#### Intensity: D2 Severe Drought D1 Moderate Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx

Lindsay Johnson

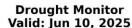
National Drought Mitigation Center

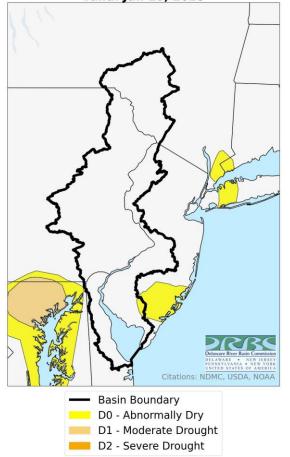






droughtmonitor.unl.edu







# **Current Drought Status**

Wetter conditions have helped ease drought warnings in the basin.

Drought Status In the Delaware River Basin
As Declared by the Individual Basin States
Effective 6/12/2025

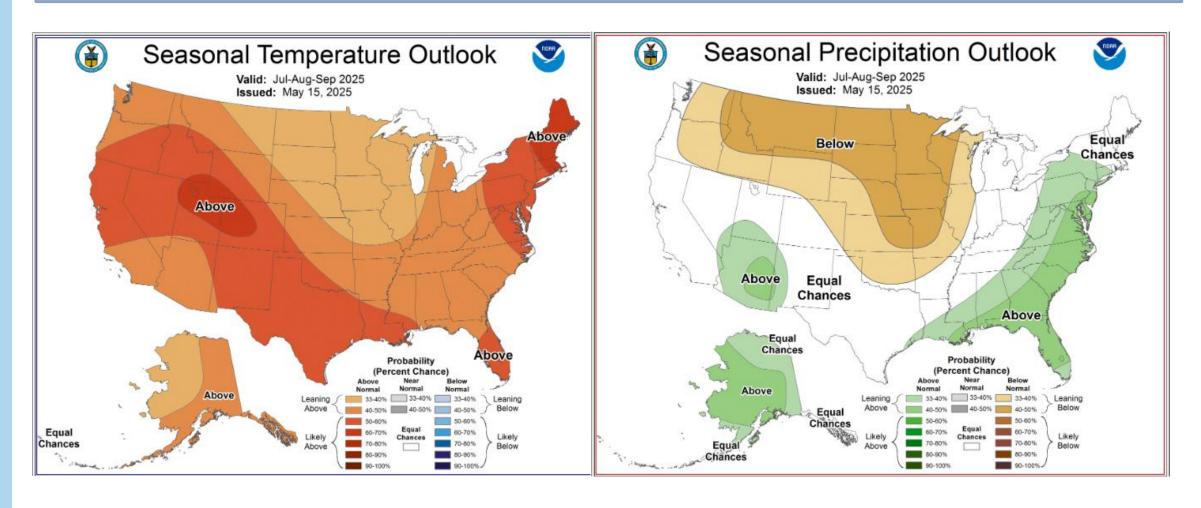


- DRB drought status is normal
- NJ: Normal; Southern Coastal region in drought watch
- DE: Drought Watch
- NY: Normal as of Jan 2025
- PA: Drought Watch



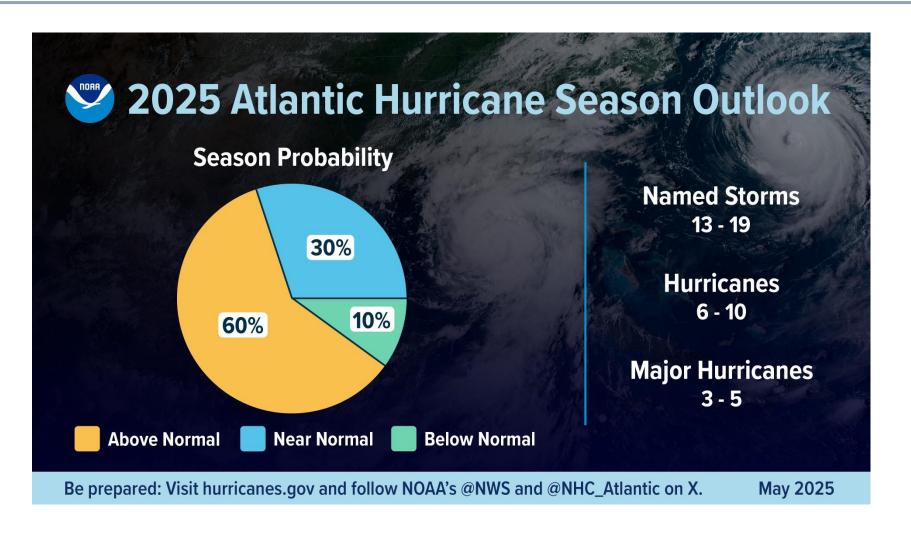
### **NOAA Seasonal Outlook**

Warm and wet summer are expected.



### NOAA Hurricane Outlook – Summer 2025

An above normal hurricane season is predicted.





# Hydrologic conditions summary



- Conditions have recovered significantly, and many parts of the basin are no longer in a drought. Groundwater wells continue to recover, but slowly.
- Three-month outlook warm and wet summer expected. Above average hurricane season expected.
- Drought conditions are not expected to occur in the next three months.





**Enjoy the summer!** 

