Delaware River Basin Commission

Hydrologic Conditions

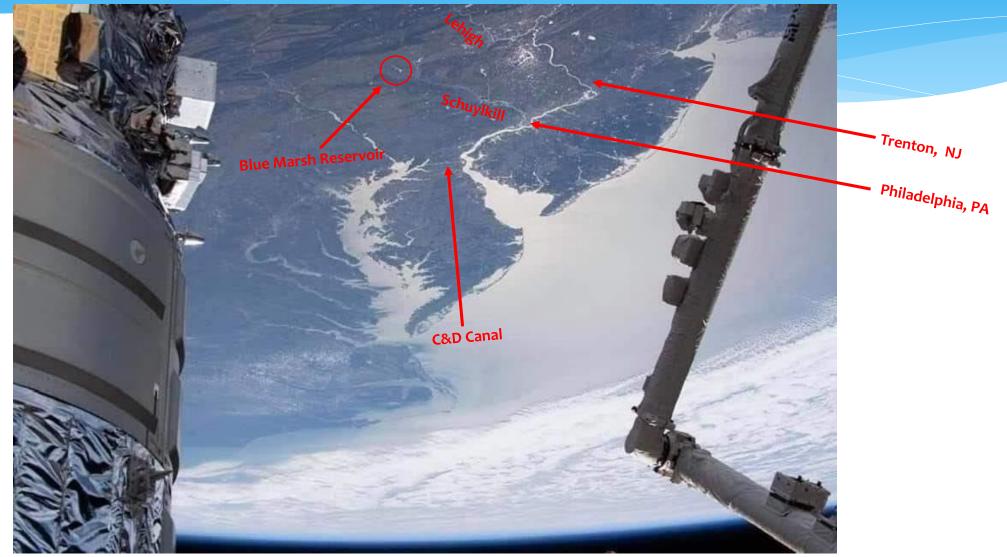
Anthony Preucil Water Resource Scientist

Water Management Advisory Committee June 18, 2020 10:00 AM

Presented to an advisory committee of the DRBC on June 18, 2020. Contents should not be published or re-posted in whole or in part without permission of DRBC.

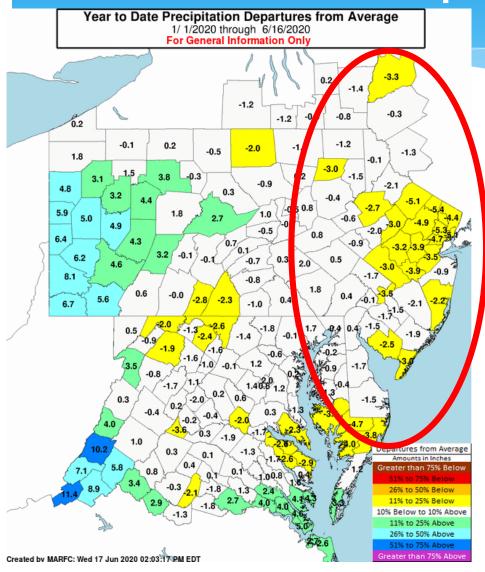


View of the Chesapeake and Delaware from the International Space Station, taken June 8, 2020.



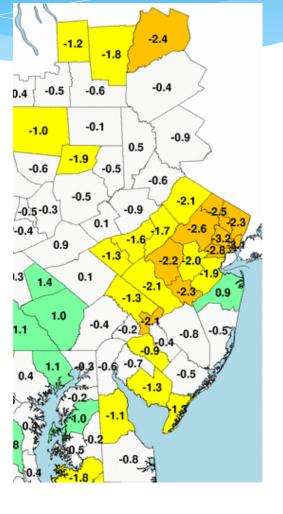
*Source: ISS

Precipitation Departures



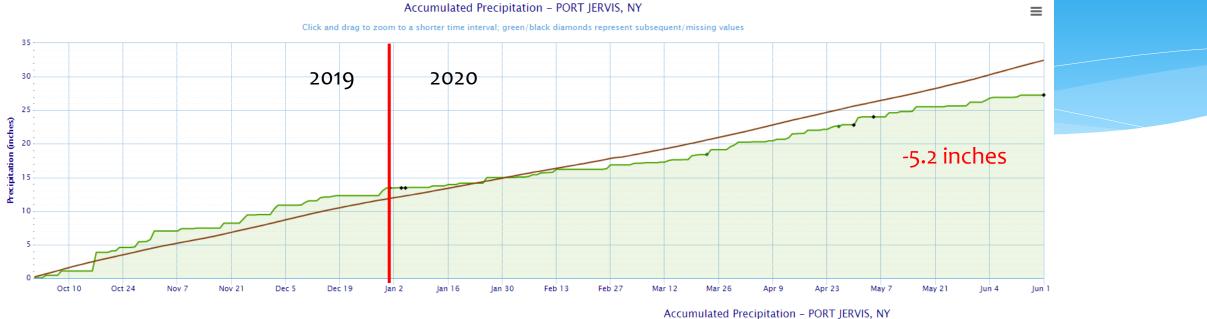
Left: 2020 so far -drier than normal

Right: Past 60 days – drier than normal

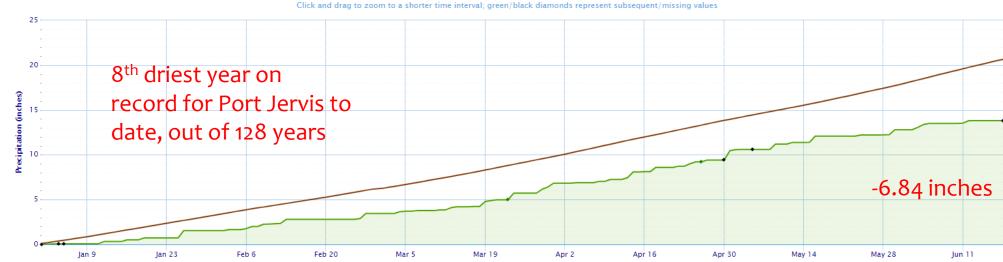


*Source: MARFC

Precipitation – Port Jervis

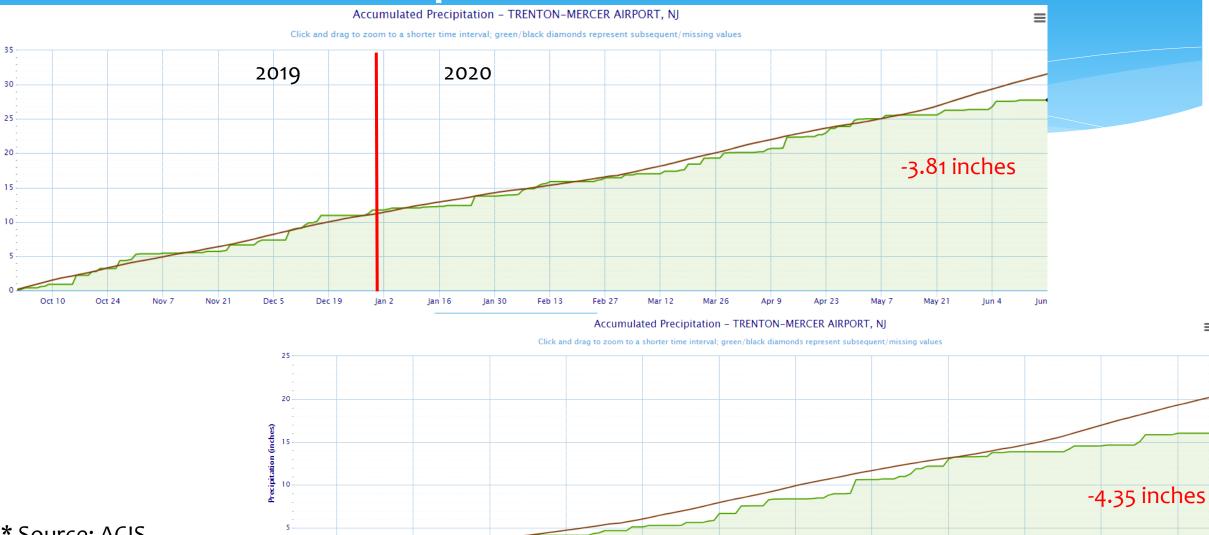


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* Source: ACIS

Precipitation – Trenton



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Apr 30

May 14

May 28

Jun 11

* Source: ACIS

Jan 9

Jan 23

Feb 6

Feb 20

Mar 5

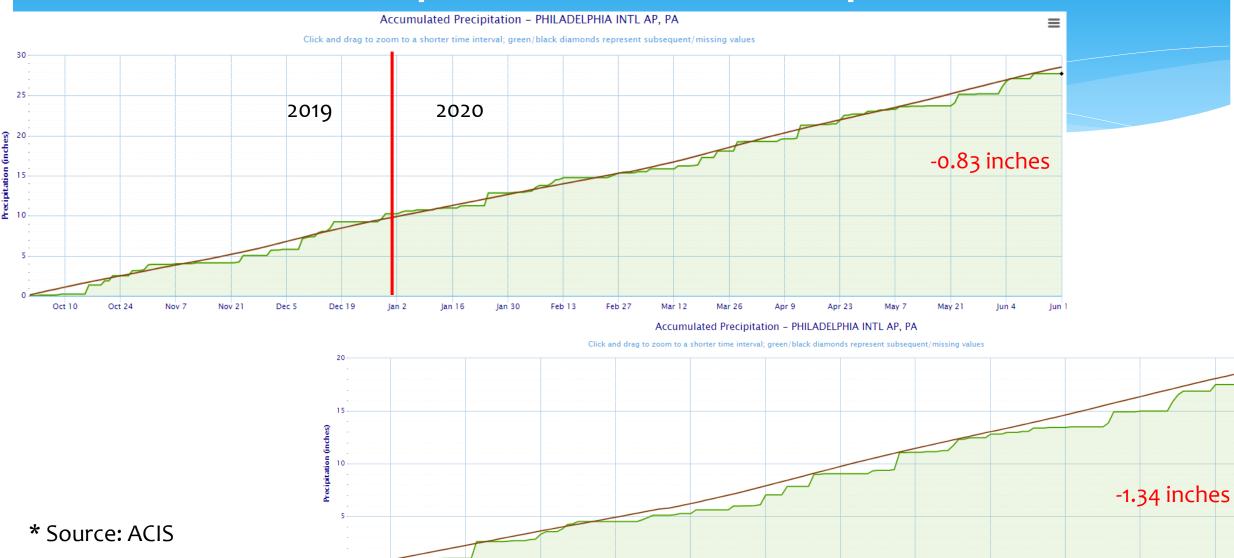
Mar 19

Apr 2

Apr 16

Precipitation (inches)

Precipitation - Philadelphia



Feb 20

Mar 5

Mar 19

Apr 2

Apr 16

Apr 30

May 14

May 28

Jun 11

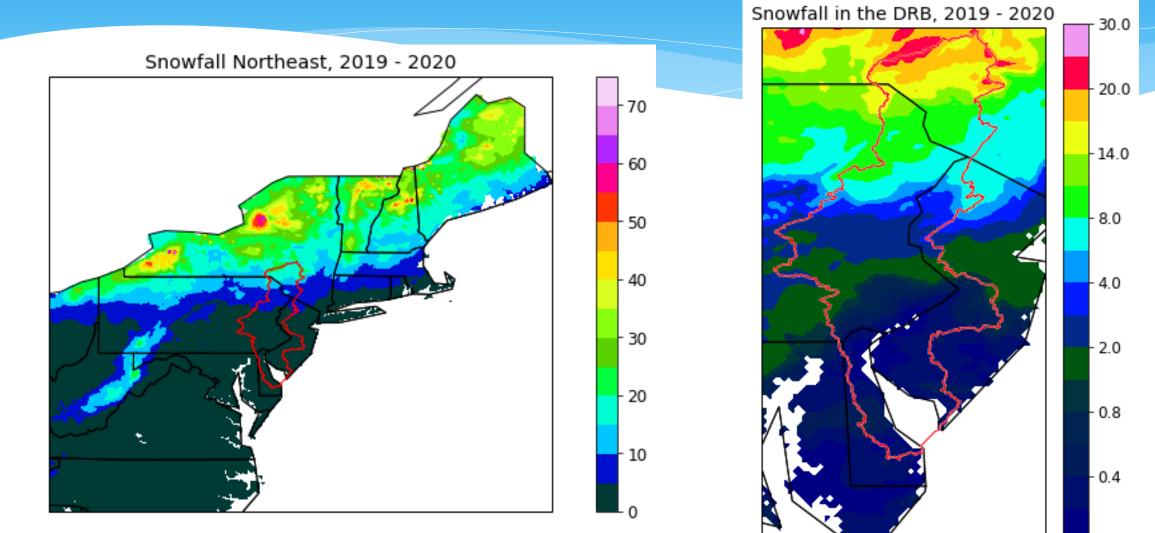
Jan 9

Jan 23

Feb 6

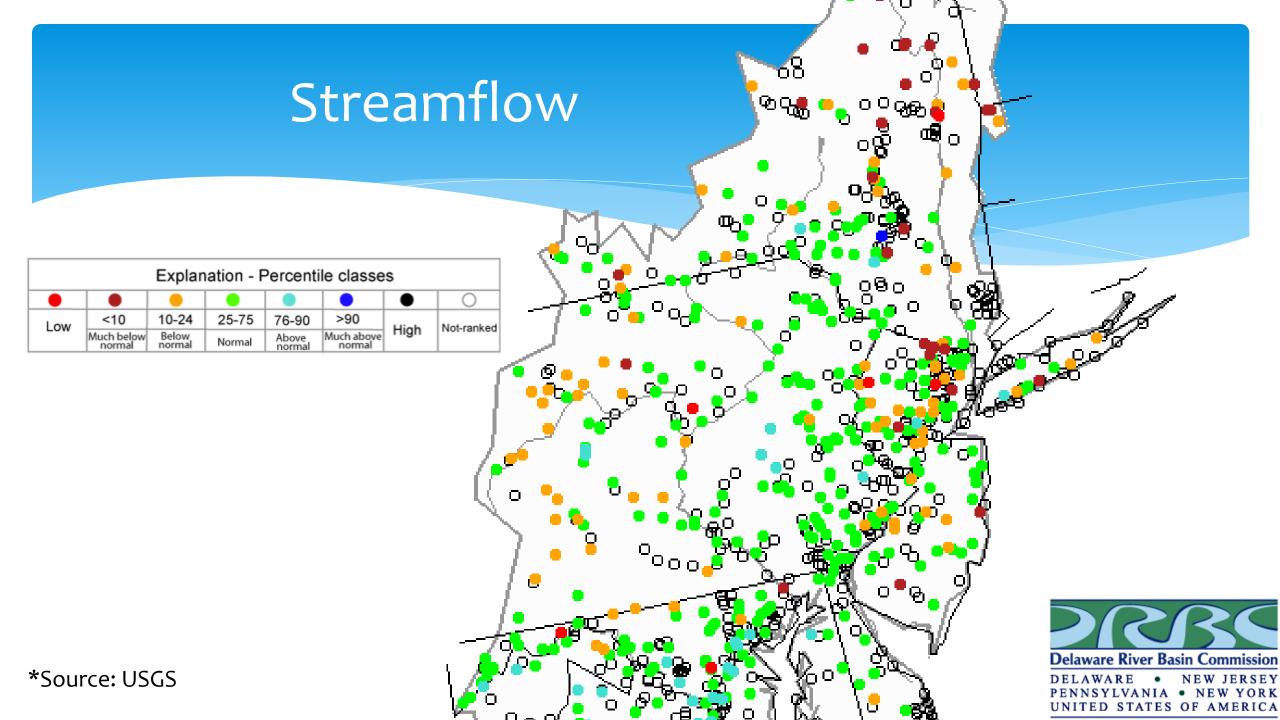
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Winter 2019-2020

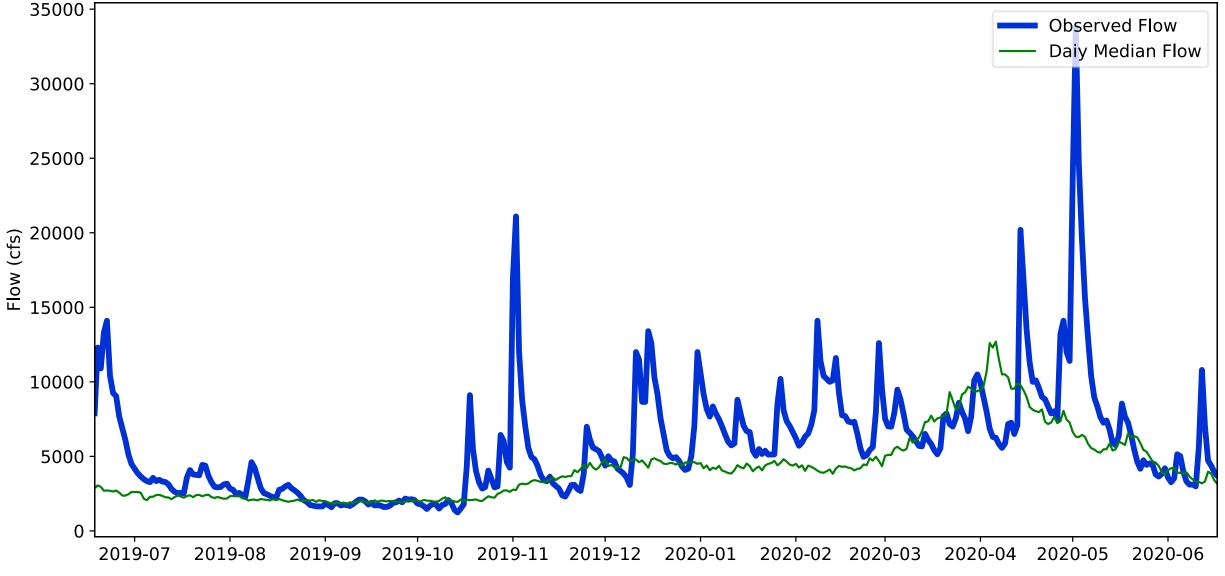


*Source: NOAA: National Operational Hydrologic Remote Sensing Center (NOHRSC)

L 0.0

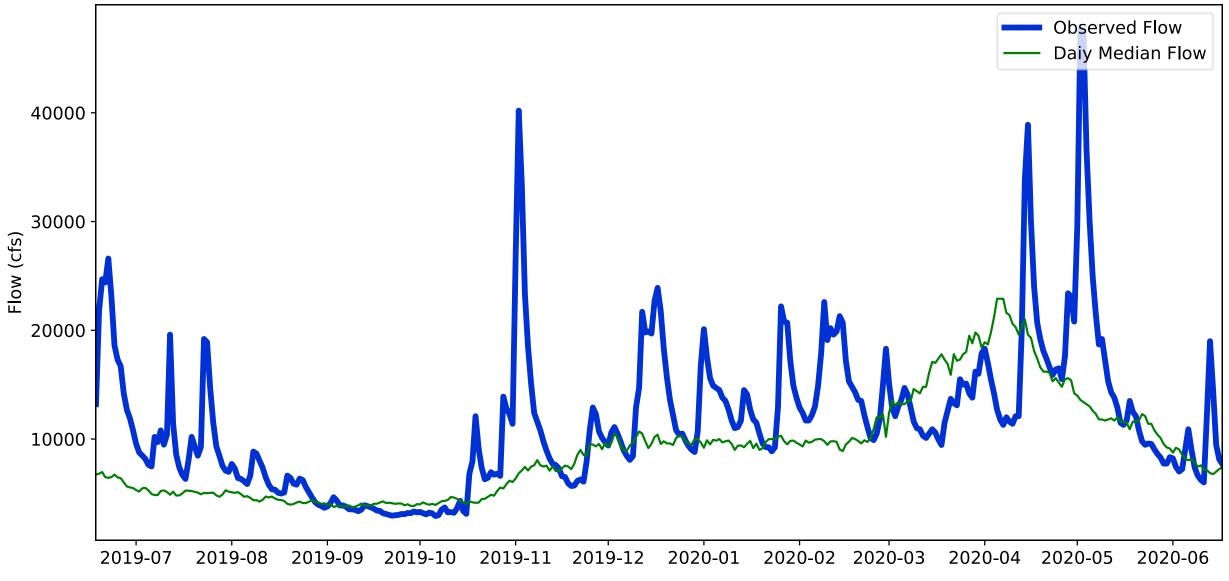


Delaware River at Montague



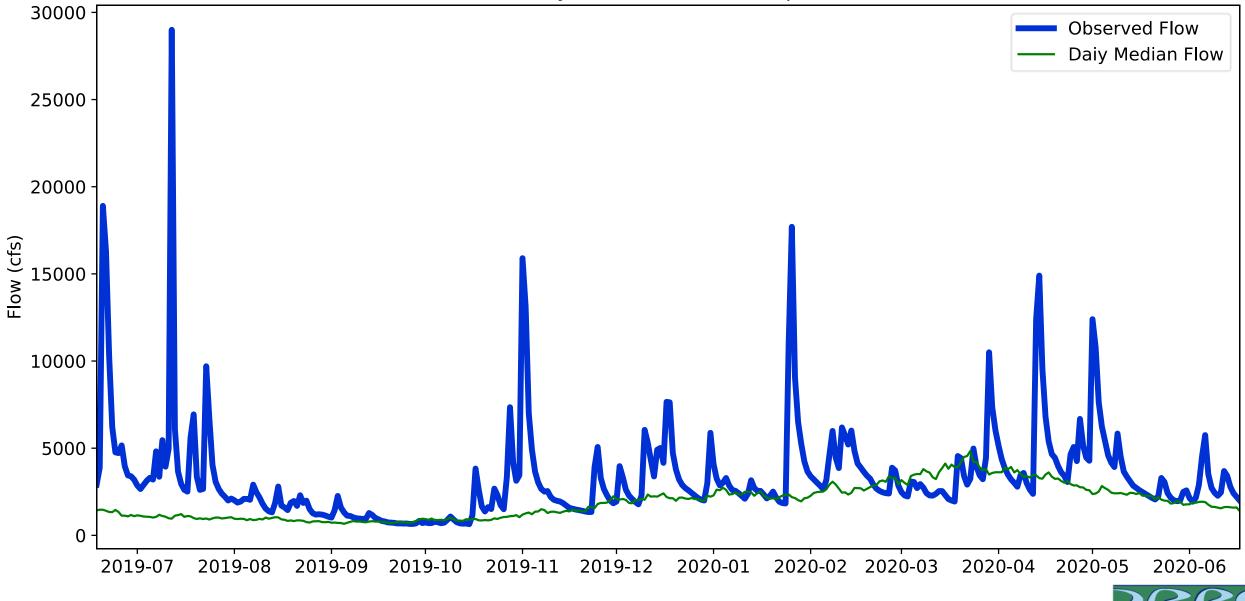


Delaware River at Trenton





Schuylkill River at Philadelphia



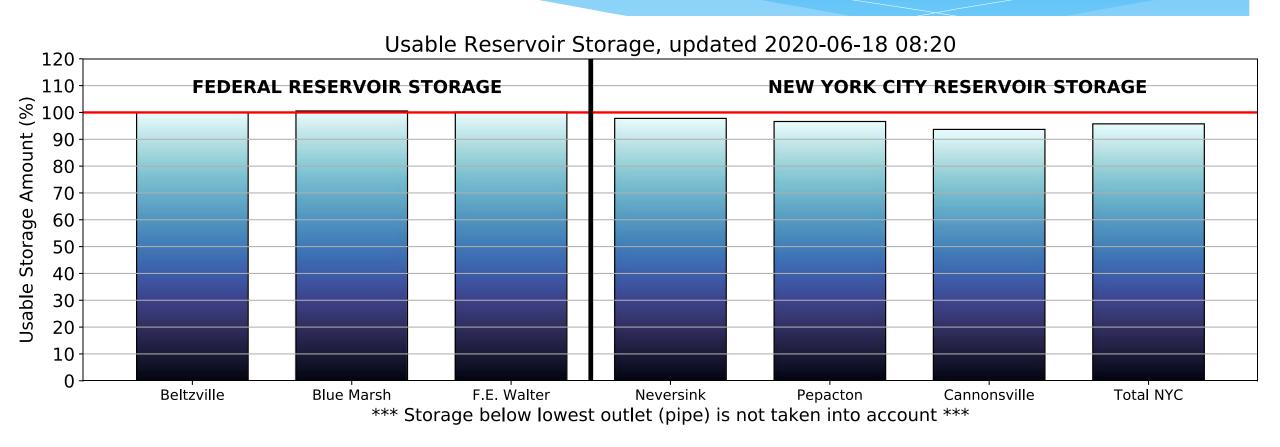
Delaware River Basin Commission

٠ PENNSYLVANIA . NEW YORK UNITED STATES OF AMERICA

NEW JERSEY

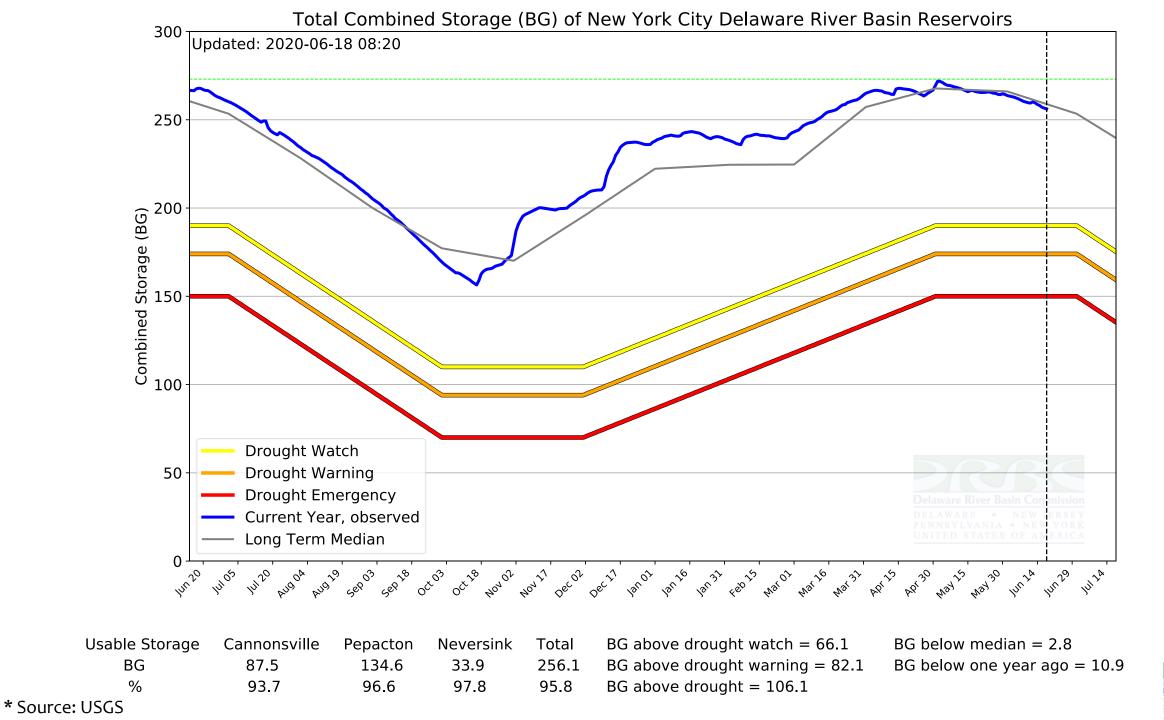
DELAWARE

Basin Storage



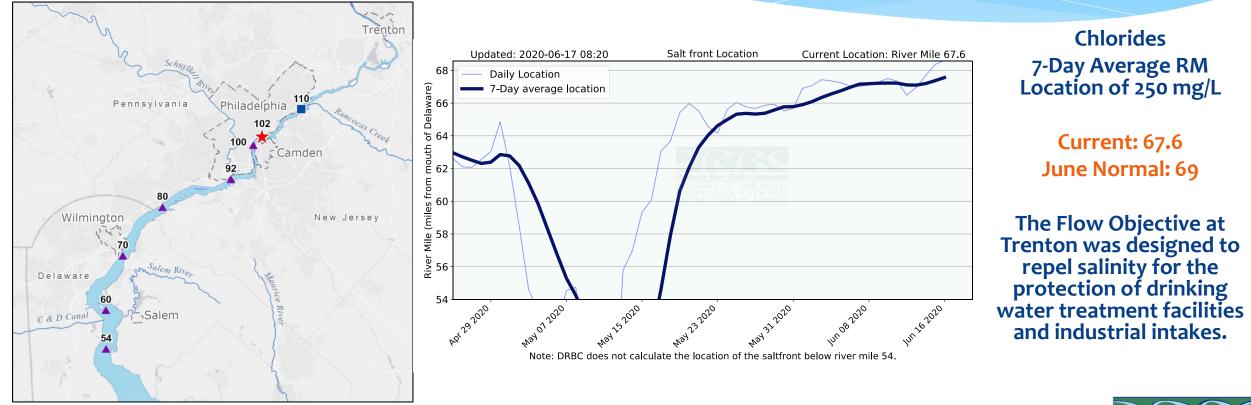


* Sources: USGS, AHPS





Salt Front



DELAWARE

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hydrosnap.drbc.net

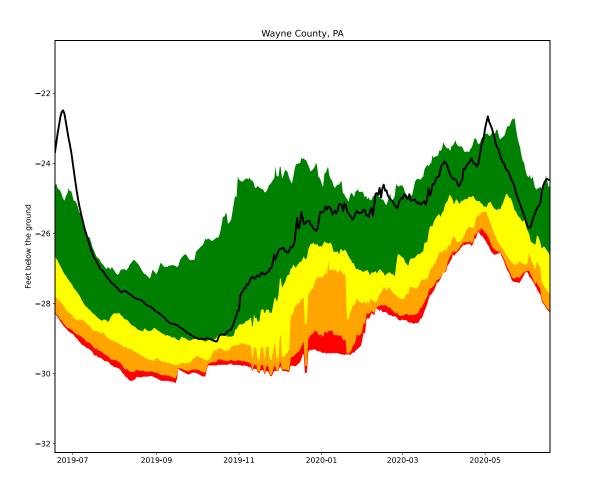
Groundwater

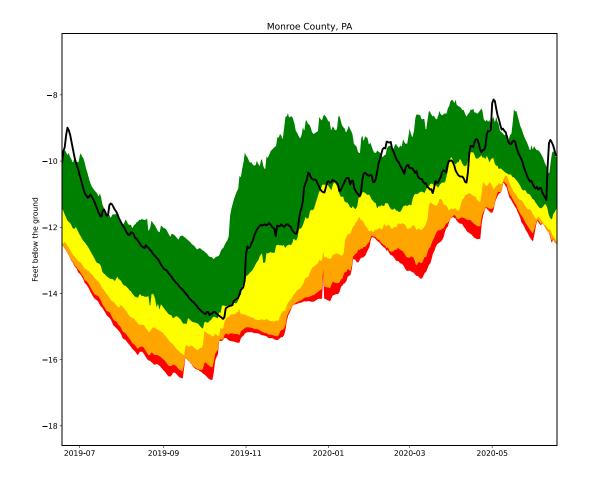
COUNTY	STATE	DATA SOURCE	WELL ID	INDICATOR AS OF 2020-06-09
Wayne	PA	USGS	WN 64	Above Normal
Monroe	PA	USGS	MO 190	Normal
Carbon	PA	USGS	CB 104	Above Normal
Schuylkill	PA	USGS	SC 296	Above Normal
Lehigh	PA	USGS	LE 372	Normal
Bucks	PA	USGS	BK 1020	Normal
Chester	PA	USGS	CH 10	Normal
Delaware	PA	USGS	DE 723	Normal
Lebanon	PA	USGS	LB 372	Normal
Burlington	NJ	USGS	050689	Normal
Cumberland	NJ	USGS	110042	Normal



Upper Basin

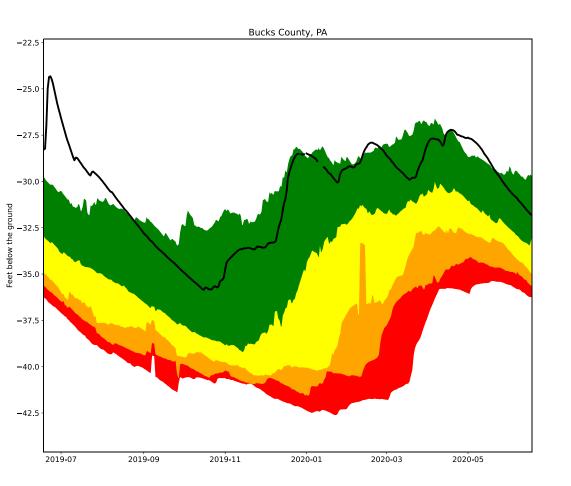
Middle-Upper Basin







Middle-Lower Basin



Cumberland County, NJ

2019-11

-12

2019-07

2019-09

Lower Basin



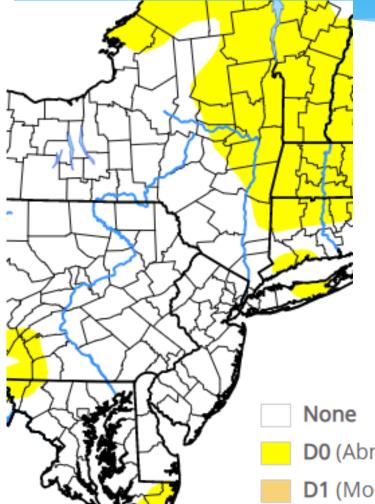
2020-05

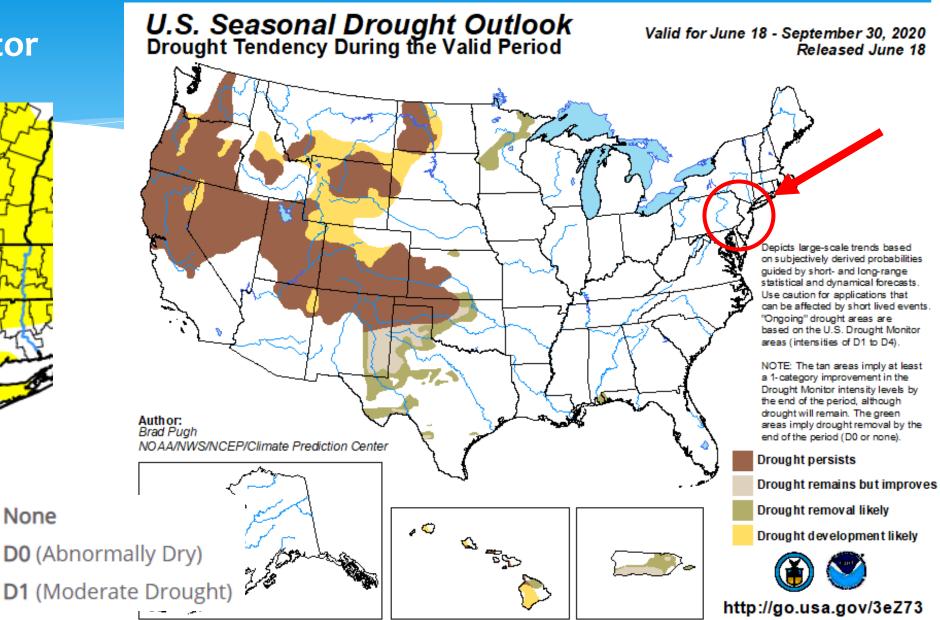
2020-03

2020-01

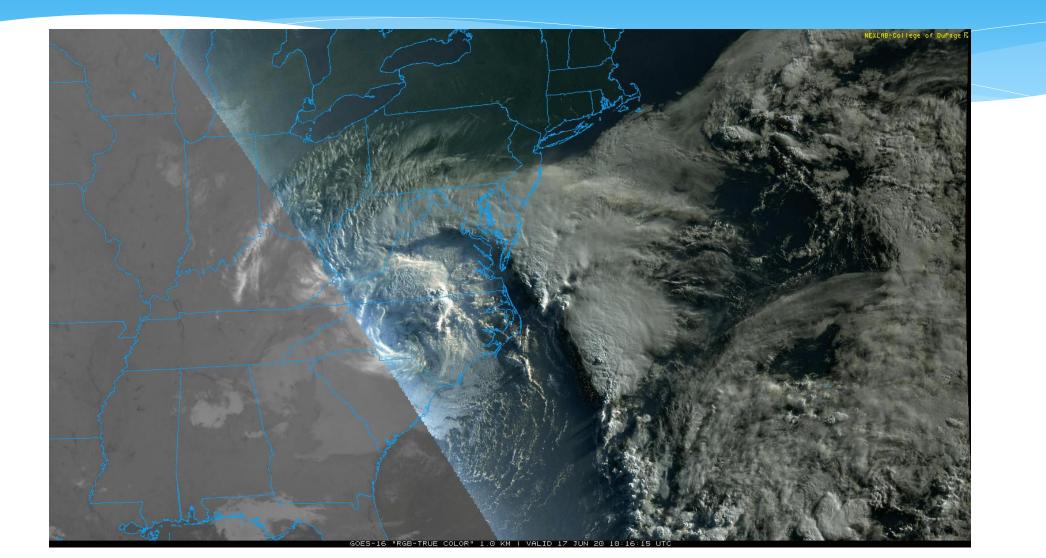
Drought Monitor

June 18, 2020





What's coming our way...



*Source: GOES-16

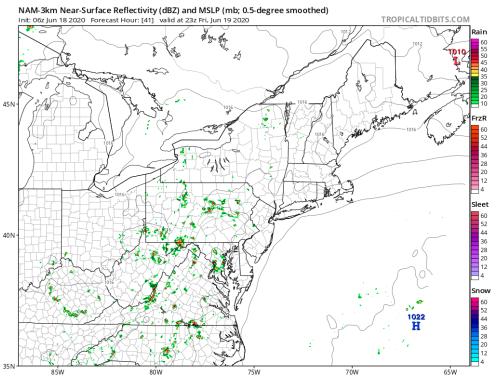
*Sources: Tropical Tidbits, Weather Prediction Center

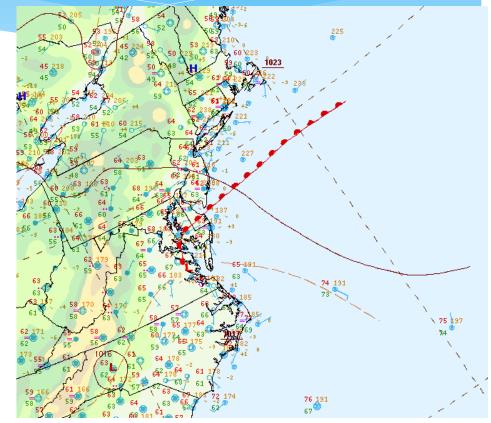
Precipitation Forecast



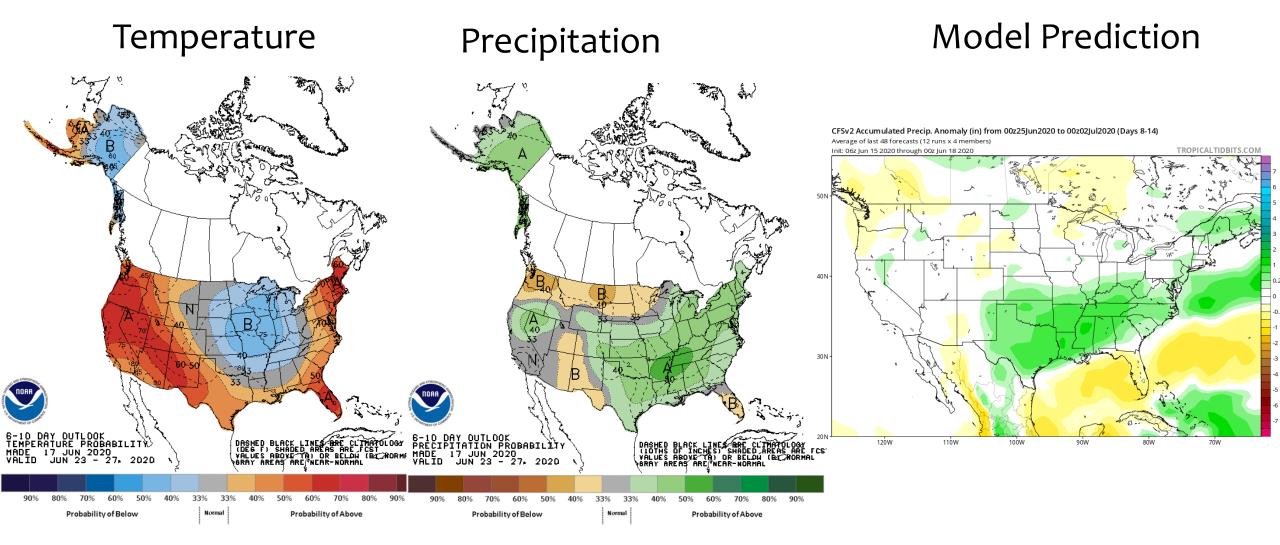
Low Pressure hanging out to our southwest, warm front passing through the region today

Scattered showers and thunderstorms are possible through Saturday evening.





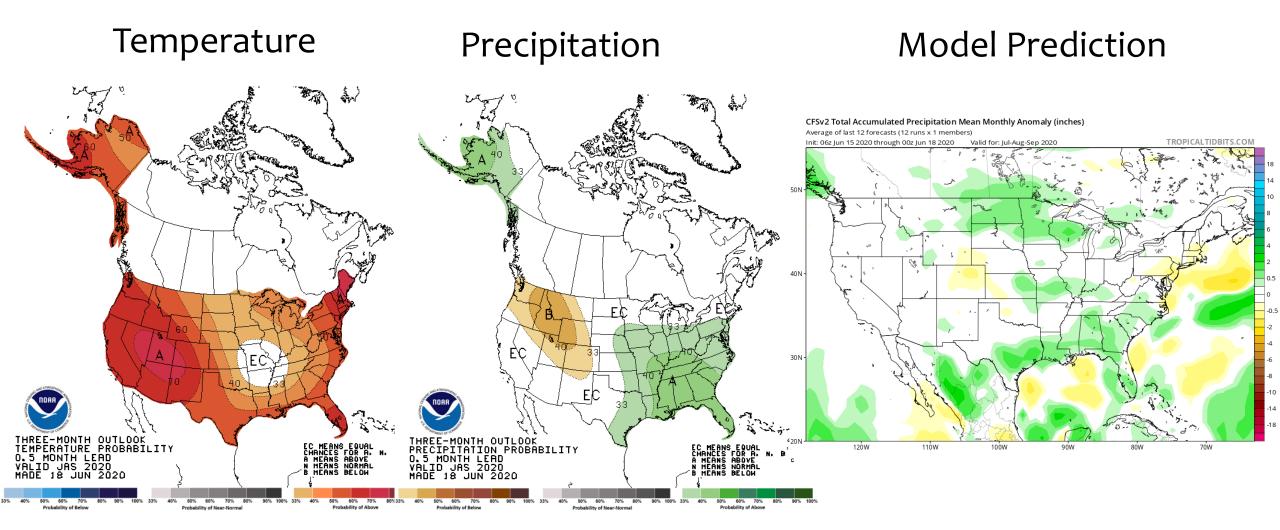
6-10 day Outlook



*Forecast from Climate Prediction Center, Updated June 18, 2020. Valid for Next Week.



3 Month Outlook



*Forecast from Climate Prediction Center, updated June 18, 2020. Valid for July - September

