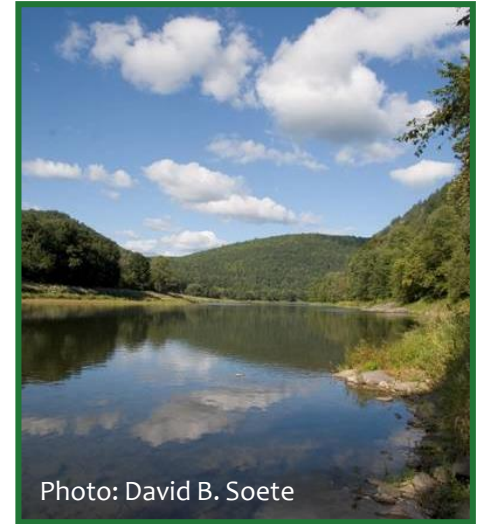


# Delaware River Basin Commission

## Hydrologic Conditions

Water Management  
Advisory Committee  
October 16, 2018

*Presented to an advisory committee of the  
DRBC on October 16, 2018. Contents should  
not be published or re-posted in whole or in  
part without the permission of DRBC.*



## Lumberville – Raven Rock Pedestrian Footbridge

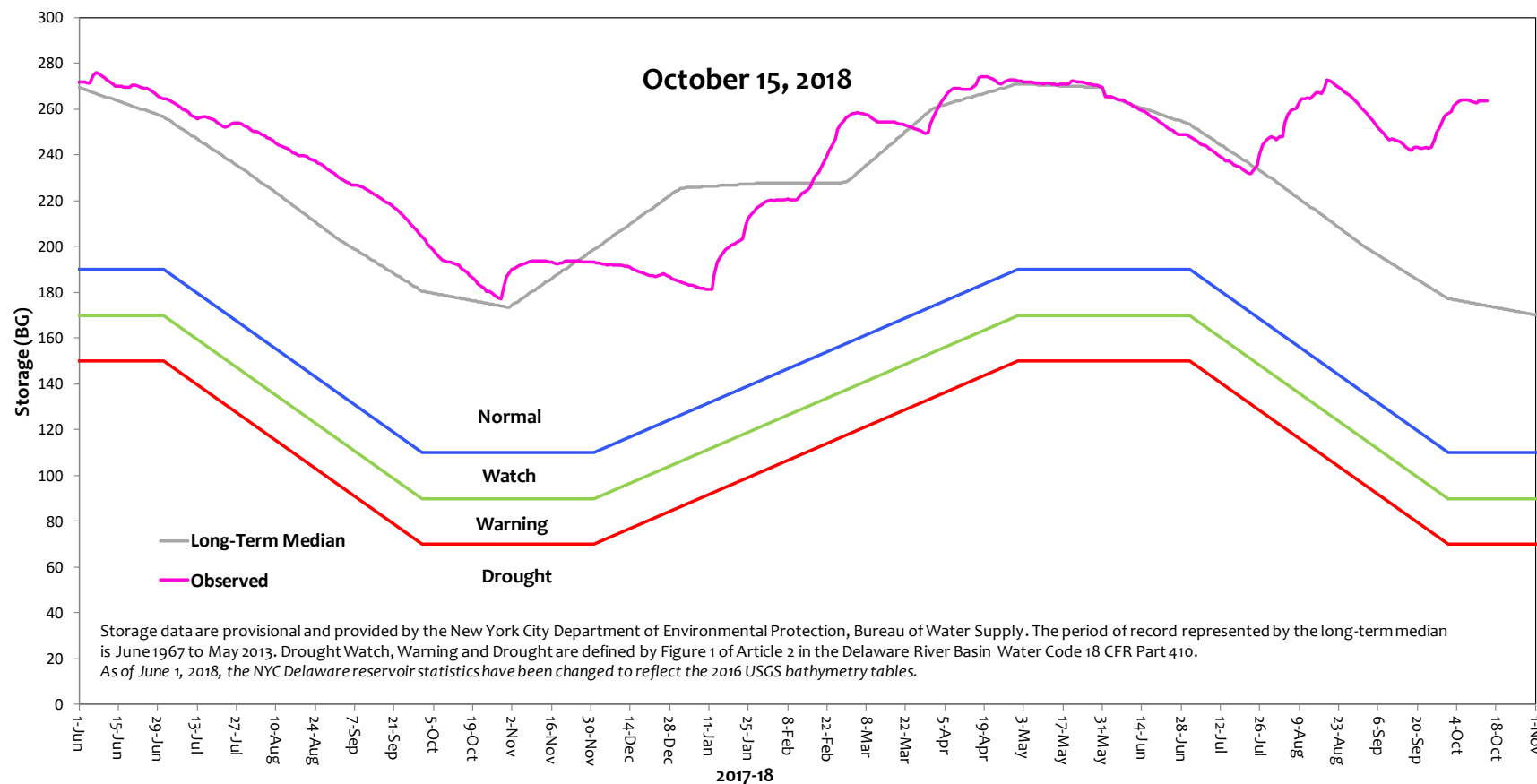


Keith Balderston, Bucks County Drones

# Precipitation

	2014	2015	January- October 14, 2018
Above Montague	42.40" (-2.89")	43.34" (-1.95")	49.27" (+13.4")
Above Trenton	43.20" (-4.79")	44.06" (-3.93")	52.60" (+14.7")
Wilmington	50.91" (+7.83")	48.74" (+5.66")	44.24" (+9.6")

## New York City Delaware River Basin Storage

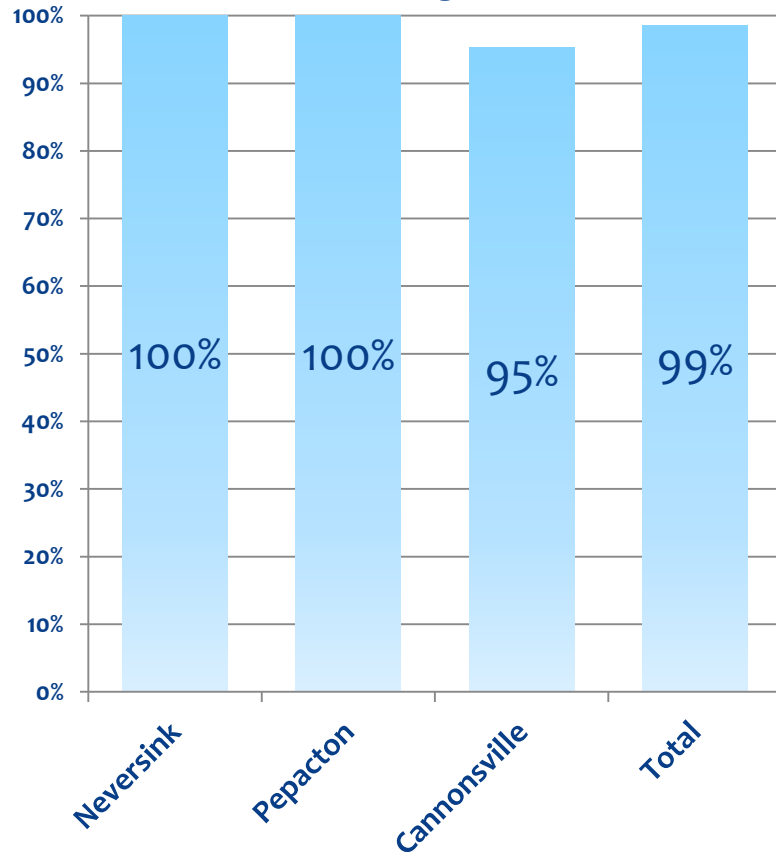


Useable Storage	Cannonsville	Pepacton	Neversink	Total	BG Above Drought Watch =	153	BG Above Daily Storage Median =	89
BG	89.0	139.6	34.8	263.5	BG Above Drought Warning =	173	BG Above One Year Ago =	73
%	95.3%	100.2%	100.4%	98.5%	BG Above Drought =	193		

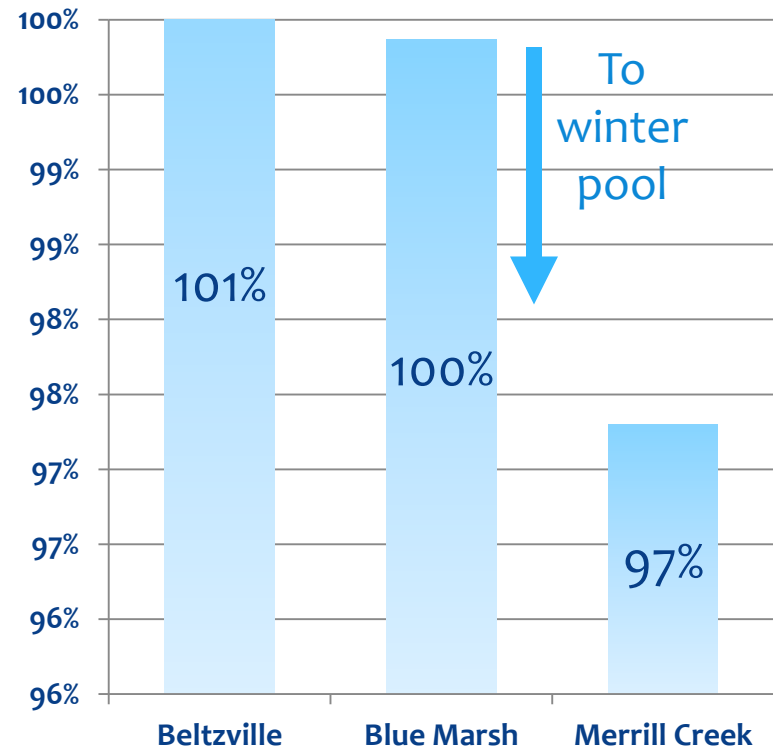
10/15/18 Storage= 263.5 BG

# Basin Storage

## New York City Delaware River Basin Storage



## Lower Basin Storage



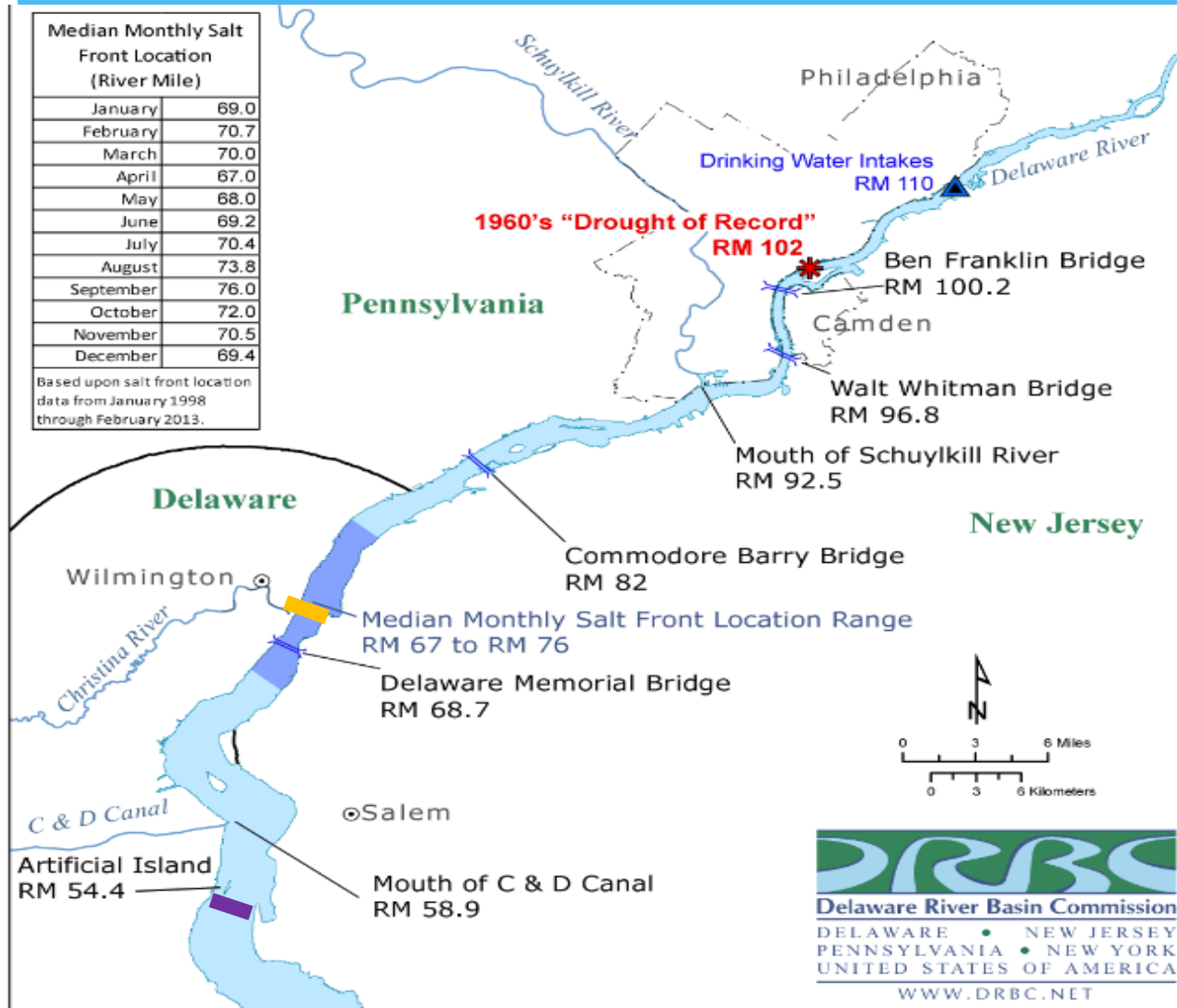


# Salt Front

Median Monthly Salt Front Location (River Mile)

January	69.0
February	70.7
March	70.0
April	67.0
May	68.0
June	69.2
July	70.4
August	73.8
September	76.0
October	72.0
November	70.5
December	69.4

Based upon salt front location data from January 1998 through February 2013.



Chlorides  
7-Day Avg. RM Location of  
250 mg/l









Current R.M. <54

Normal R.M. 72

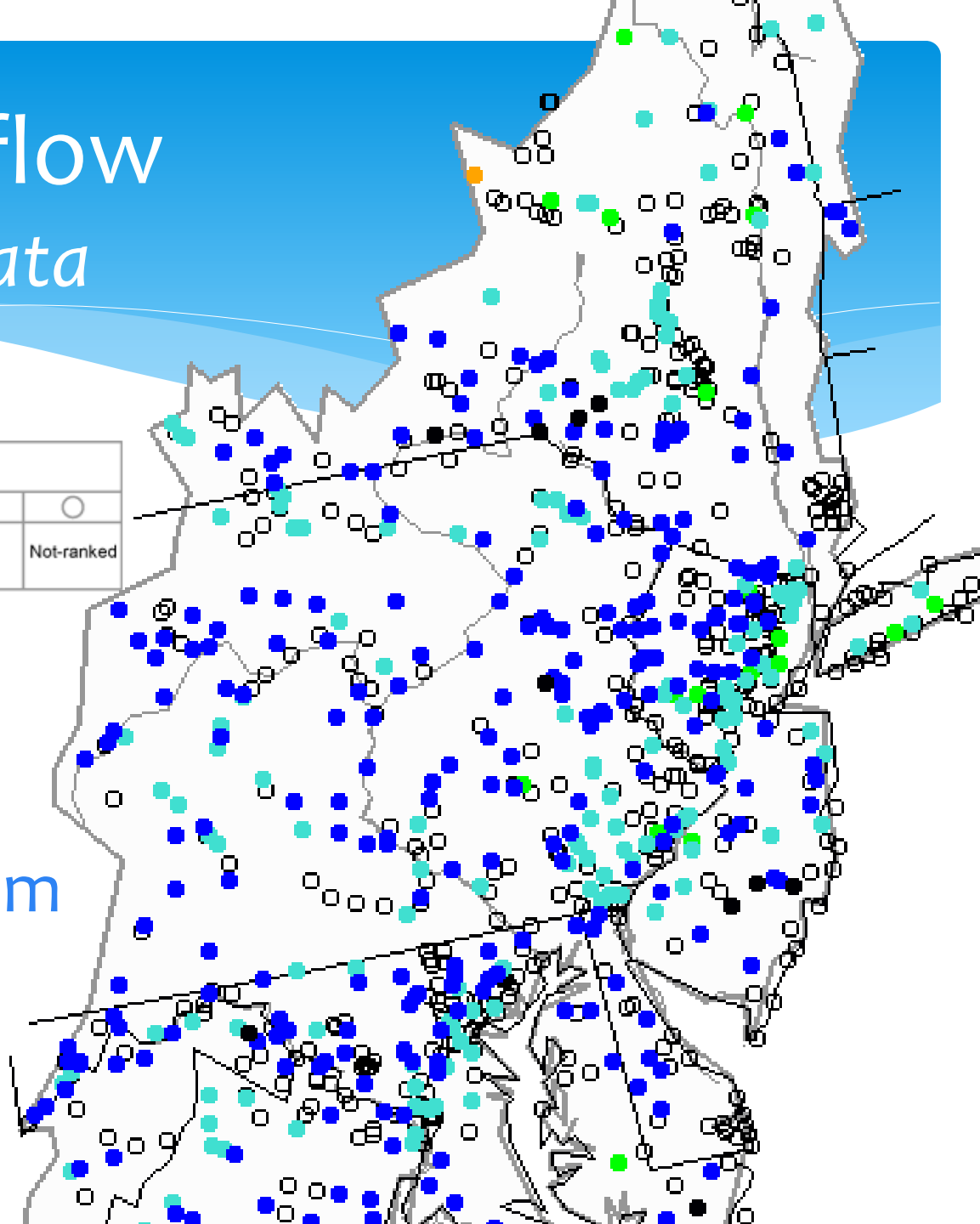
The Flow Objective at  
Trenton was designed to  
repel salinity for the  
protection of drinking  
water treatment facilities  
and industrial intakes.

# Streamflow

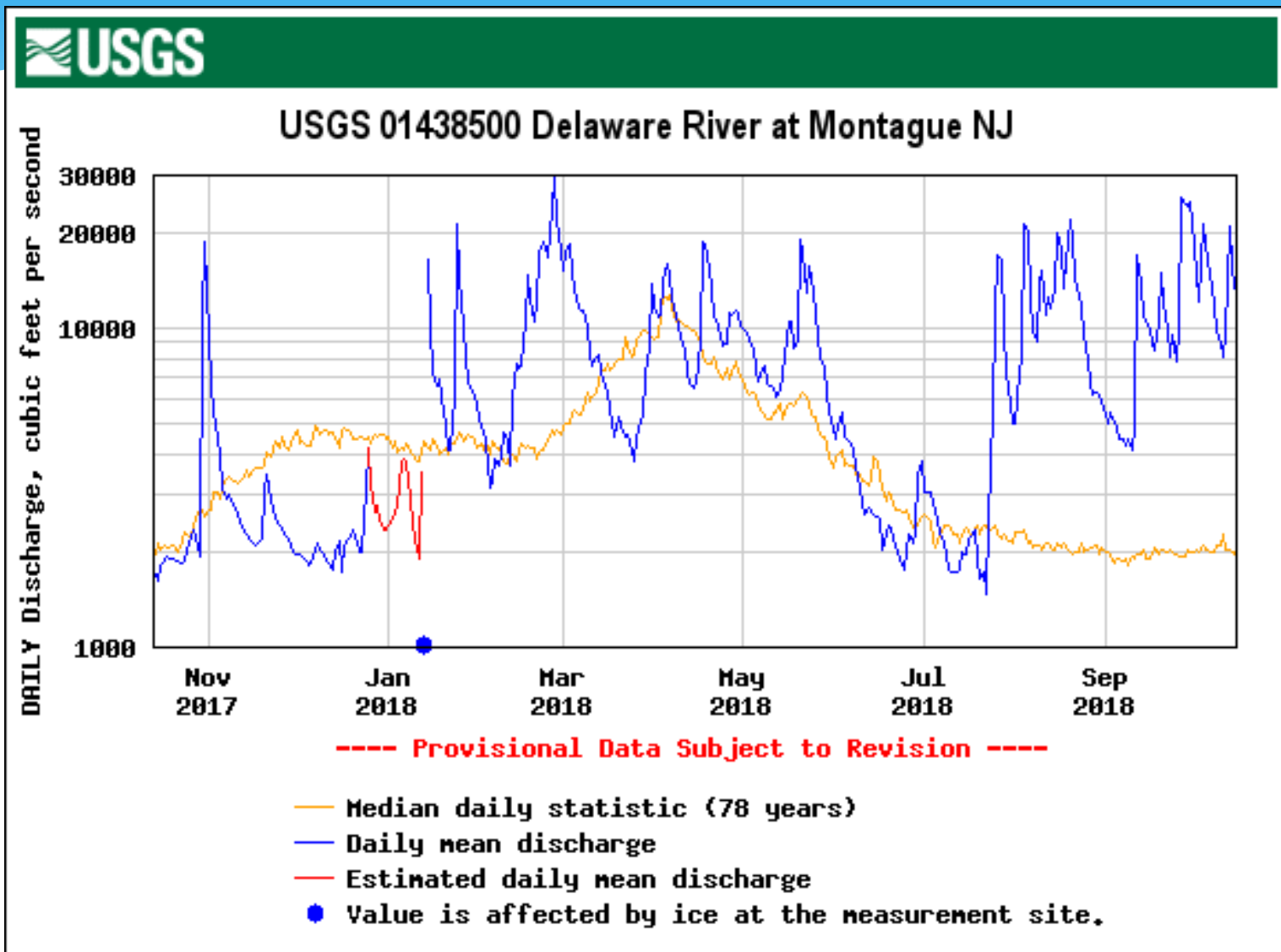
## *USGS data*

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

As of Monday,  
October 15 at 5:30 pm



# Streamflow - Montague

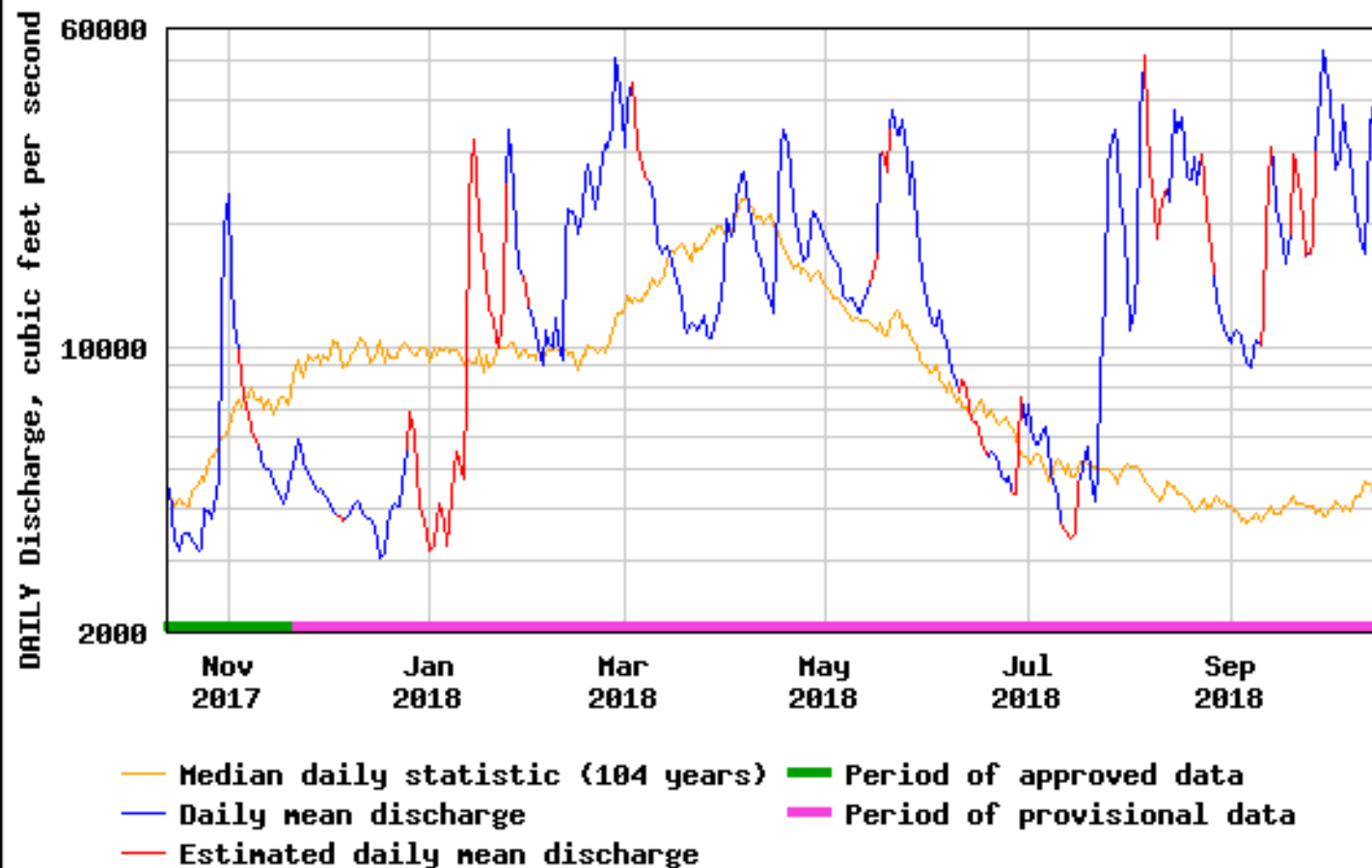




# Streamflow - Trenton



USGS 01463500 Delaware River at Trenton NJ

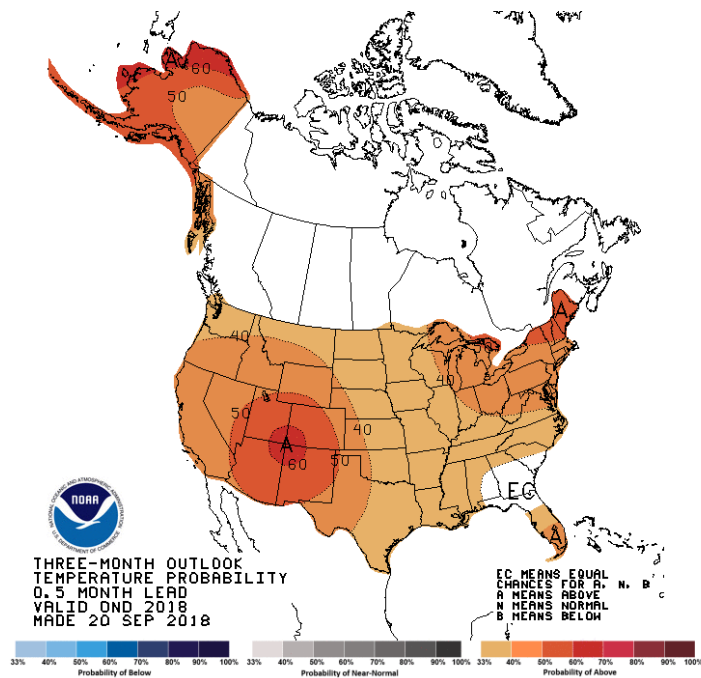


# Groundwater

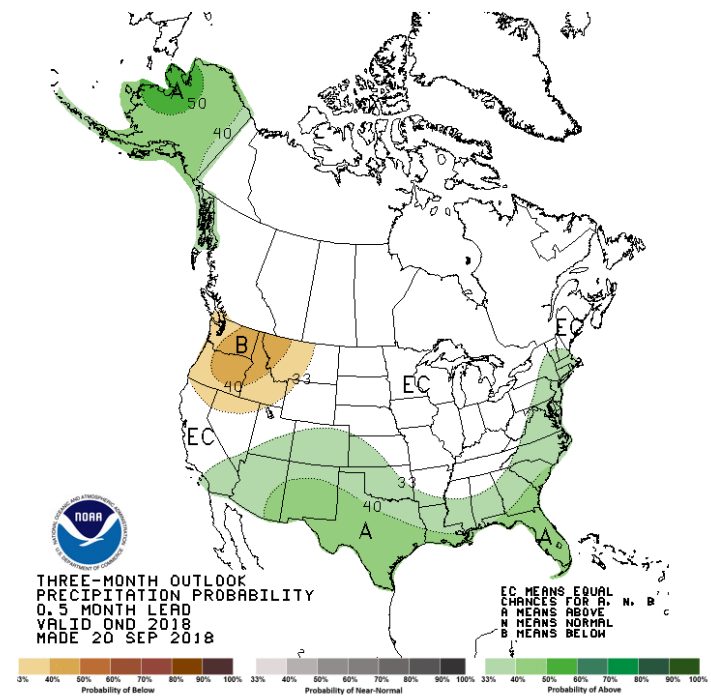
COUNTY	STATE	AGENCY DATA	WELL ID	YEAR RECORD BEGINS	INDICATOR STATUS AS OF JUNE 20, 2018	INDICATOR STATUS AS OF OCTOBER 15, 2018
<a href="#">Sullivan</a>	NY	USGS	<u>Sv</u> 535	2001	Normal	Above Normal
<a href="#">Wayne</a>	PA	USGS	WN 64	1967	Above Normal	Above Normal
<a href="#">Monroe</a>	PA	USGS	MO 190	1967	Normal	Above Normal
<a href="#">Carbon</a>	PA	USGS	CB 104	1969	Above Normal	Above Normal
<a href="#">Schuylkill</a>	PA	USGS	SC 296	1975	Normal	Above Normal
<a href="#">Lehigh</a>	PA	USGS	LE 644	1971	Normal	Above Normal
<a href="#">Lebanon</a>	PA	USGS	LB 372	1973	Above Normal	Above Normal
<a href="#">Bucks</a>	PA	USGS	BK 1020	1975	Above Normal	Above Normal
<a href="#">Chester</a>	PA	USGS	CH 10	1966	Normal	Above Normal
<a href="#">Delaware</a>	PA	USGS	DE 723	1983	Normal	Above Normal
<a href="#">Burlington</a>	NJ	USGS	050689	1955	Normal	Normal
<a href="#">Cumberland</a>	NJ	USGS	110042	1972	Above Normal	Above Normal
<a href="#">New Castle</a>	DE	Delaware GS	Db24-18	1993	Normal	Normal

10/15/18

# Three-Month Outlook



TEMPERATURE



PRECIPITATION



# Delaware River Water Gap



Photo Courtesy of Samuel Vovsi