Delaware River Basin Commission

Hydrologic Conditions

Amy Shallcross, P.E.

Manager, Water Resource Operations

October 24, 2017

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Precipitation

	2015	2016	January-October 22, 2017
Above Montague	43.34" (-1.95")	38.09" (-7.20")	38.68" (+1.73")
Above Trenton	44.06" (-3.93")	39.20" (-8.80")	38.90" (-0.19")
Wilmington	48.74" (+5.66")	40.78" (-2.30")	34.69" (-0.82")

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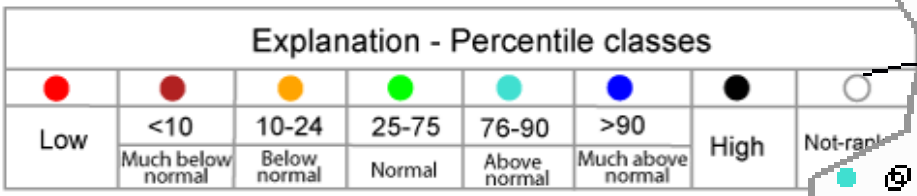
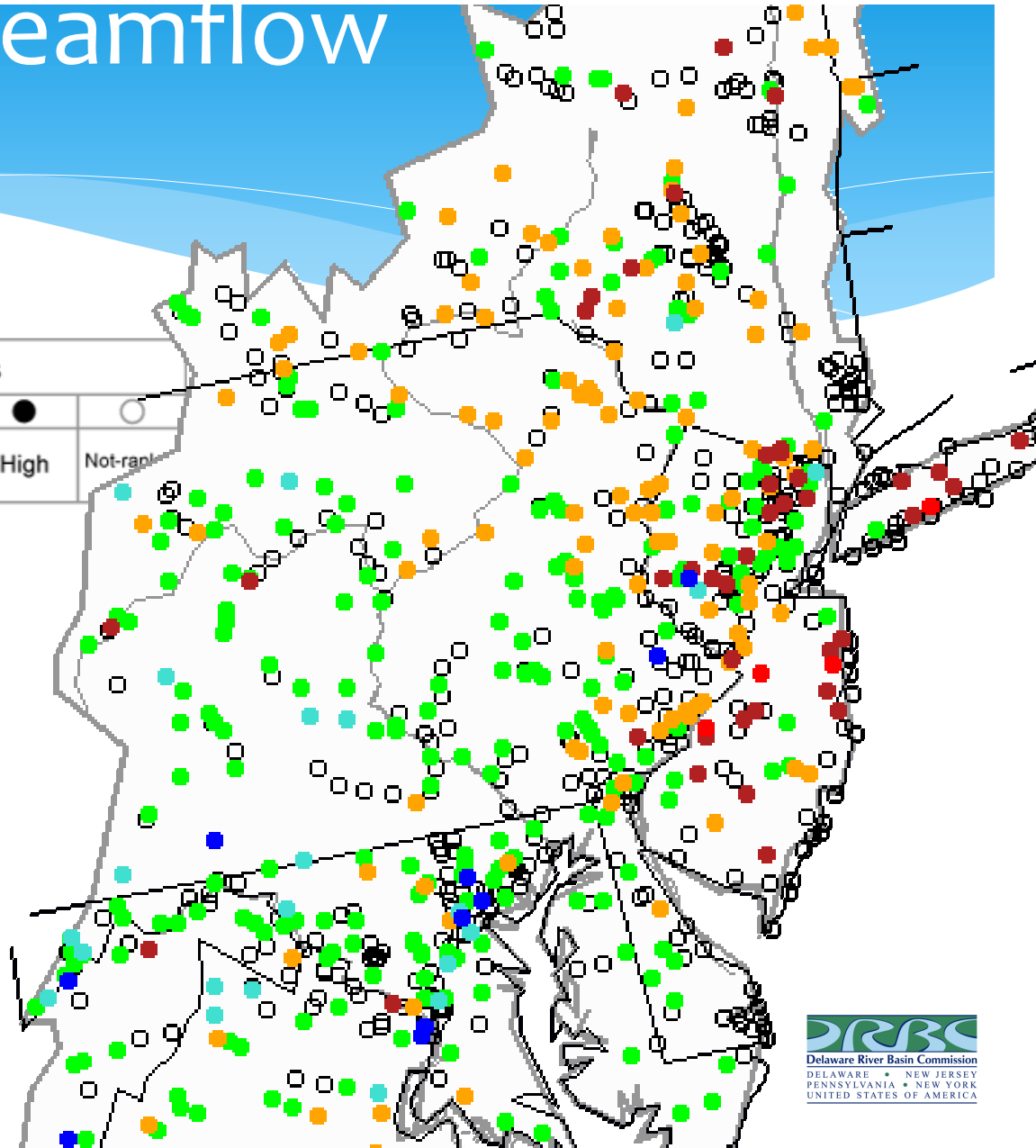
Groundwater

COUNTY	STATE	AGENCY DATA	WELL ID	YEAR RECORD BEGINS	INDICATOR STATUS AS OF SEPTEMBER 12, 2017	INDICATOR STATUS AS OF OCTOBER 23, 2017
Sullivan	NY	USGS	Sv 535	2001	Normal	Below Normal
Wayne	PA	USGS	WN 64	1967	Above Normal	Normal
Monroe	PA	USGS	MO 190	1967	Normal	Normal
Carbon	PA	USGS	CB 104	1969	Normal	Normal
Schuylkill	PA	USGS	SC 296	1975	Normal	Normal
Lehigh	PA	USGS	LE 644	1971	Above Normal	Above Normal
Lebanon	PA	USGS	LB 372	1973	Above Normal	Above Normal
Bucks	PA	USGS	BK 1020	1975	Above Normal	Normal
Chester	PA	USGS	CH 10	1966	Drought Watch	Drought Watch
Delaware	PA	USGS	DE 723	1983	Normal	Drought Watch
Burlington	NJ	USGS	050689	1955	Below Normal	Below Normal
Cumberland	NJ	USGS	110042	1972	Normal	Below Normal
New Castle	DE	Delaware GS	Db24-18	1993	Normal	Normal

Streamflow



Tuesday
October 24, 2017,
8:30 am



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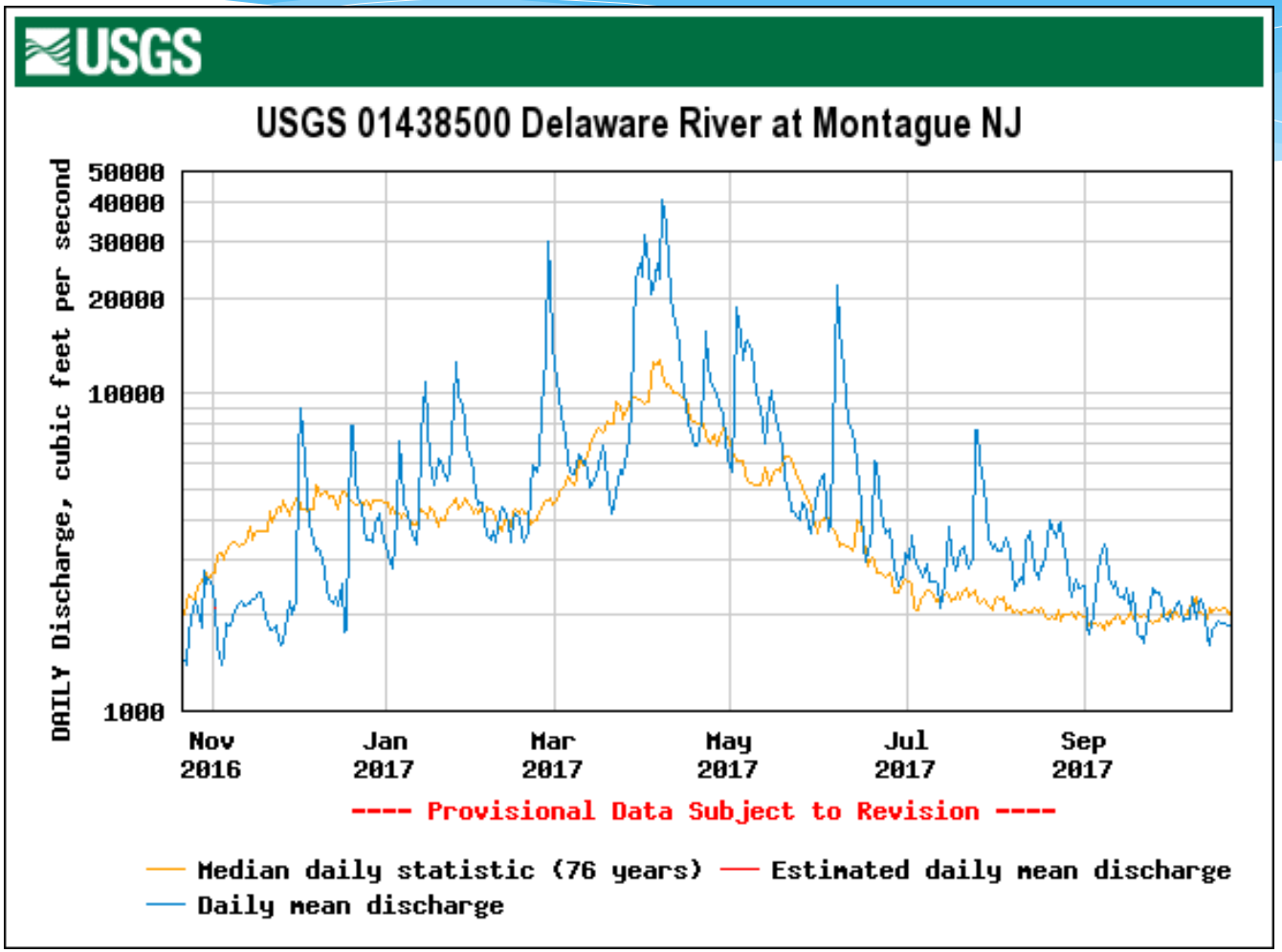
Streamflow



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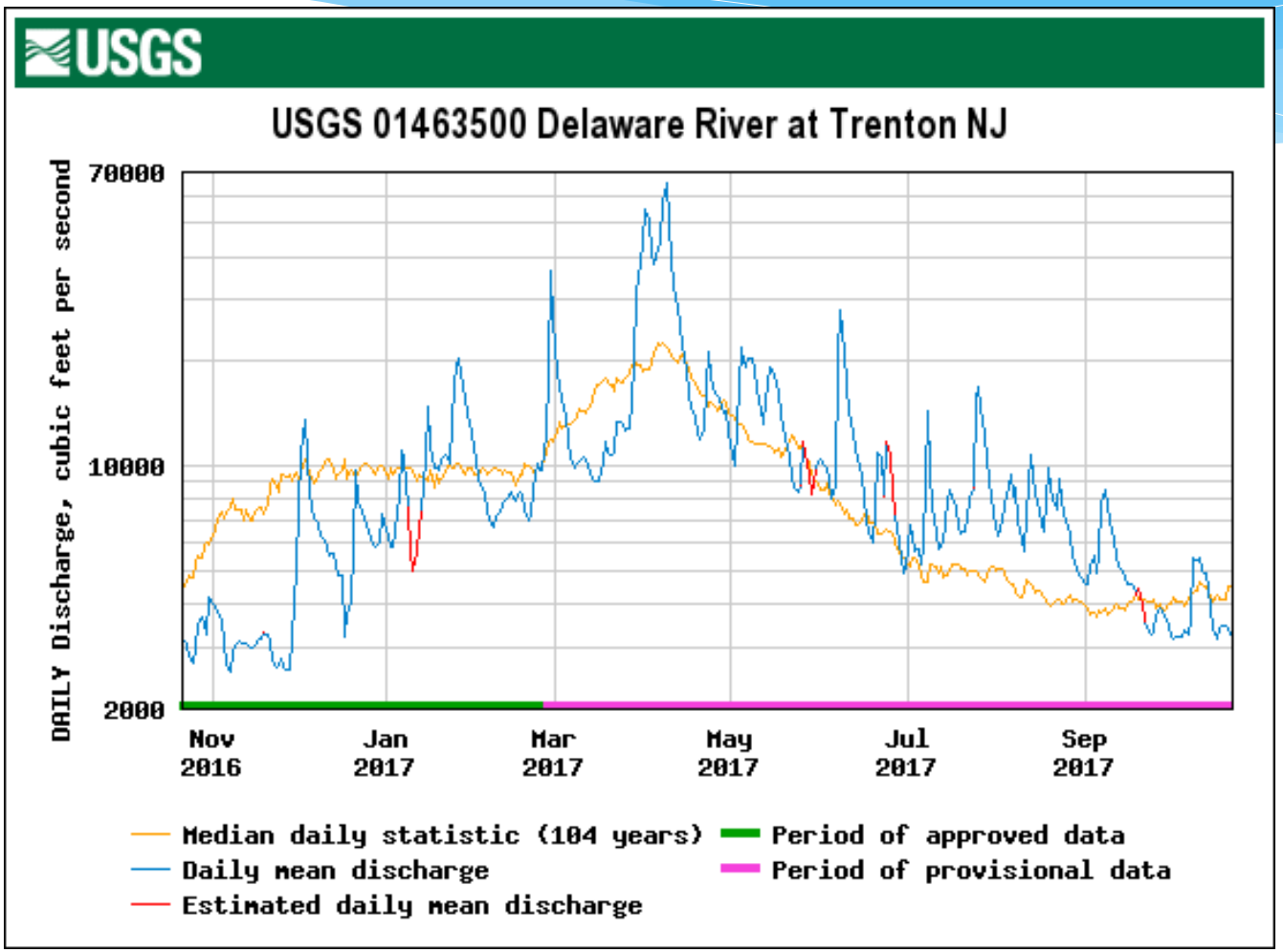
Streamflow



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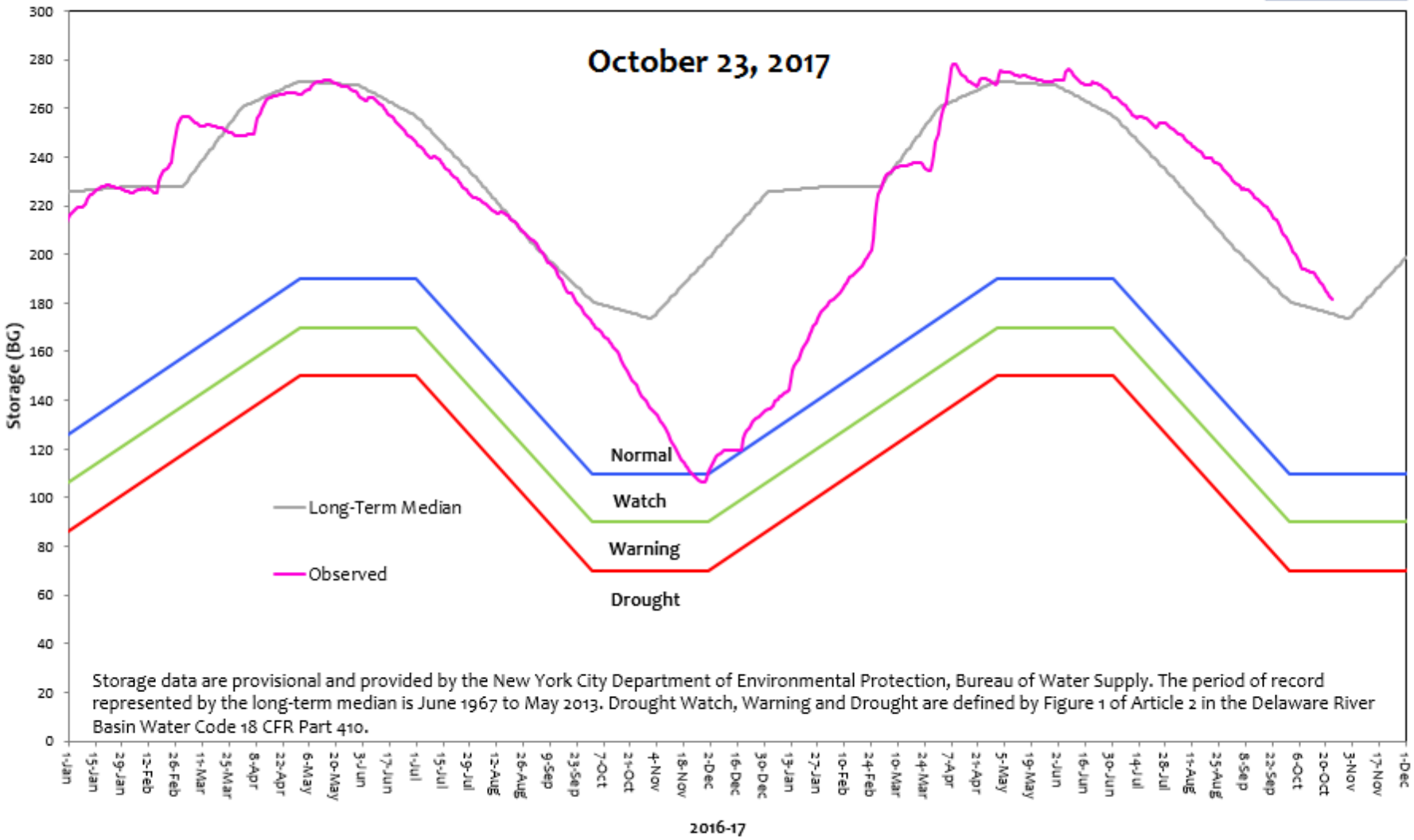
New York City Delaware River Basin Storage

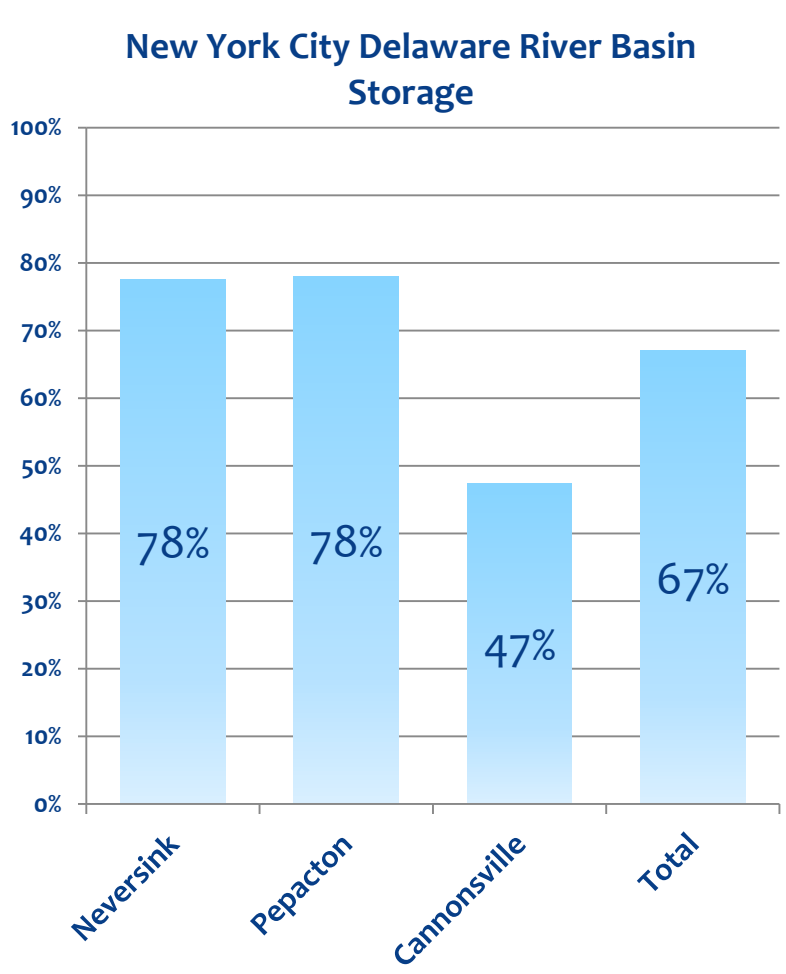


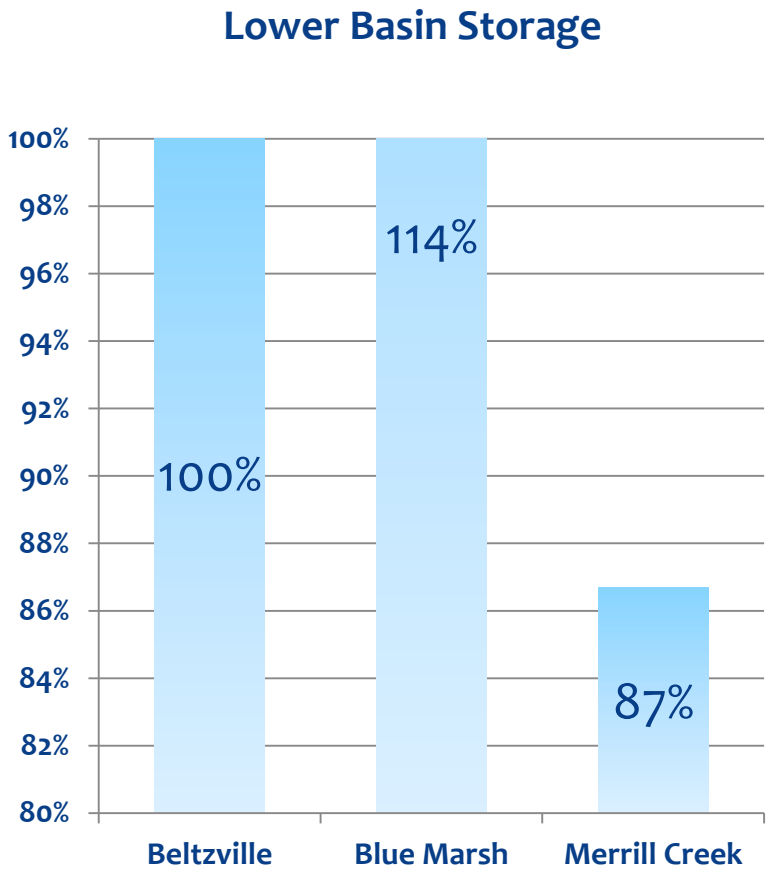
Useable Storage	Cannonsville	Pepacton	Neversink	Total
BG	45.4	109.1	27.1	181.6
%	47.4%	77.8%	77.6%	67.0%

BG Above Drought Watch =	72
BG Above Drought Warning =	92
BG Above Drought =	112

BG Above Daily Storage Median =	6
BG Above One Year Ago =	34

Basin Storage





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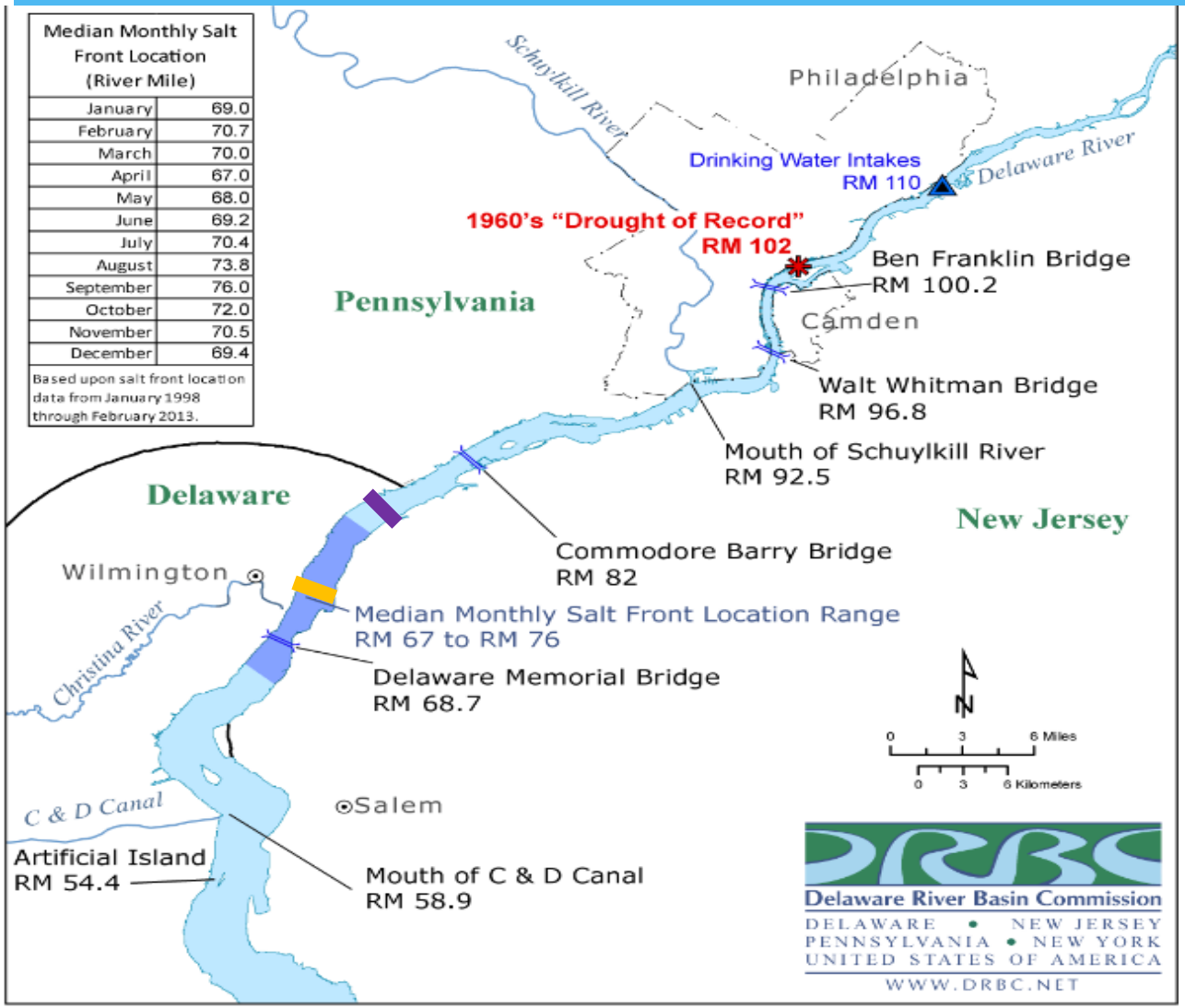
Salt Front – October 19, 2017

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. 77

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.

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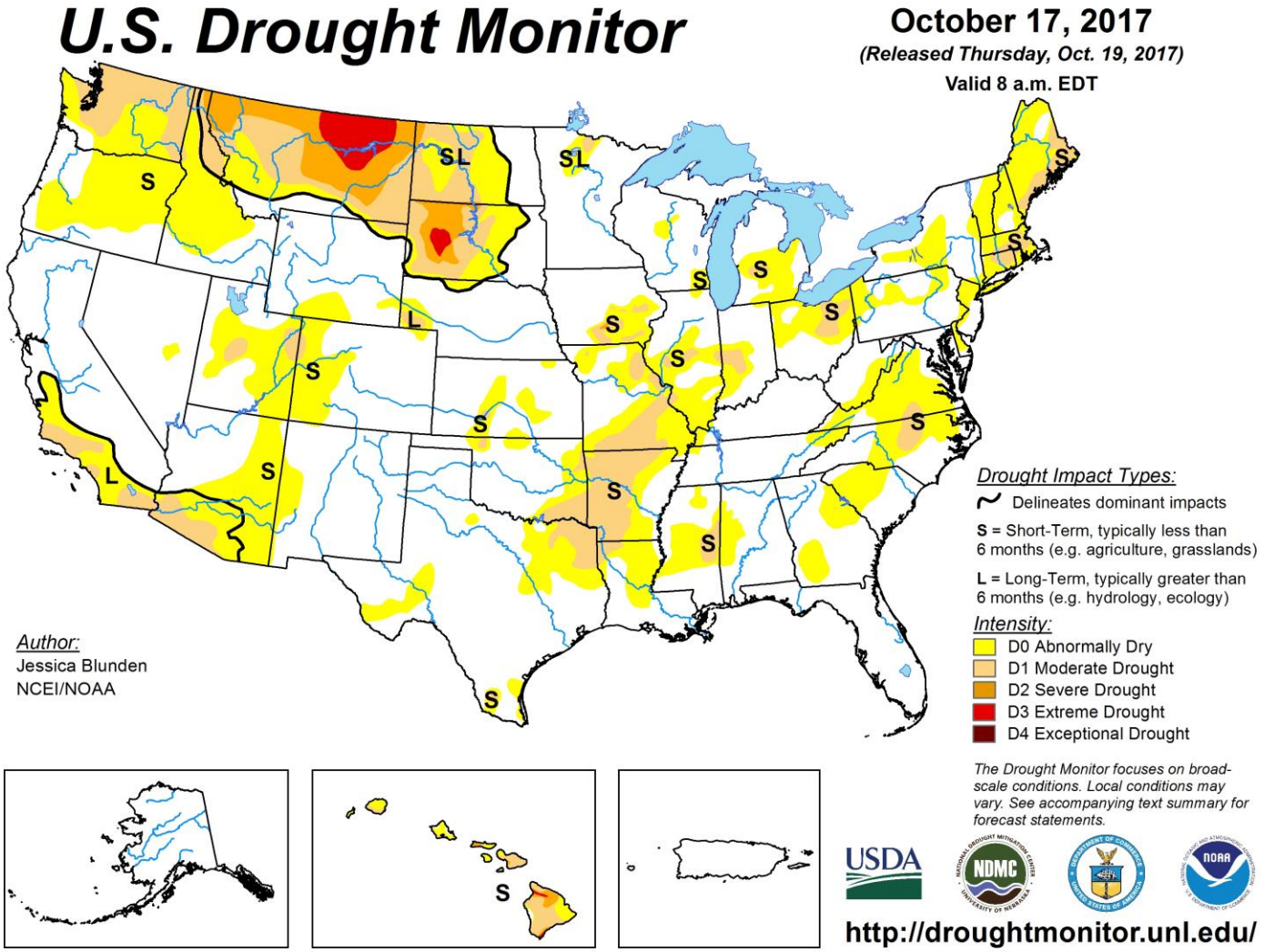
U.S. Drought Monitor



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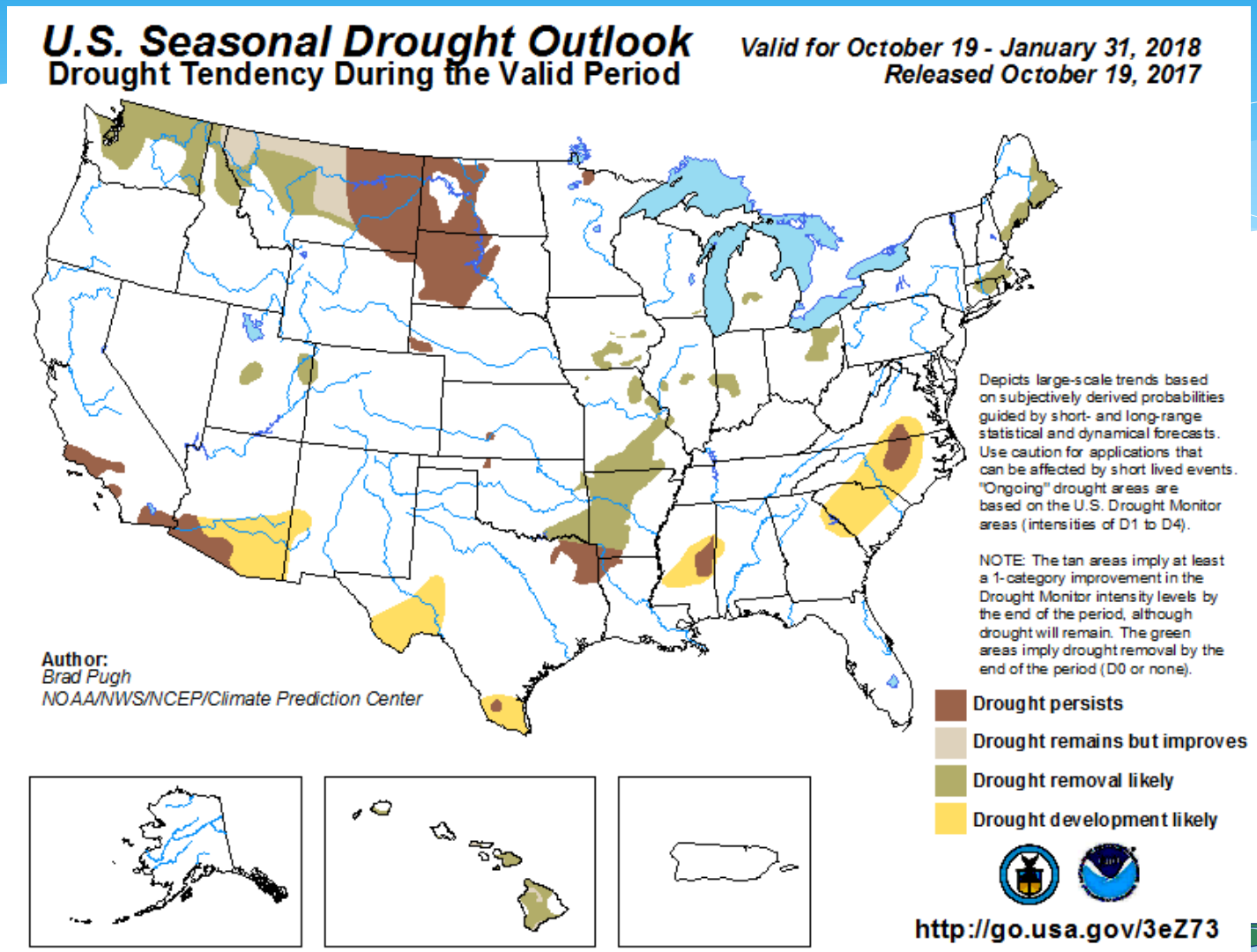
Seasonal Drought Outlook



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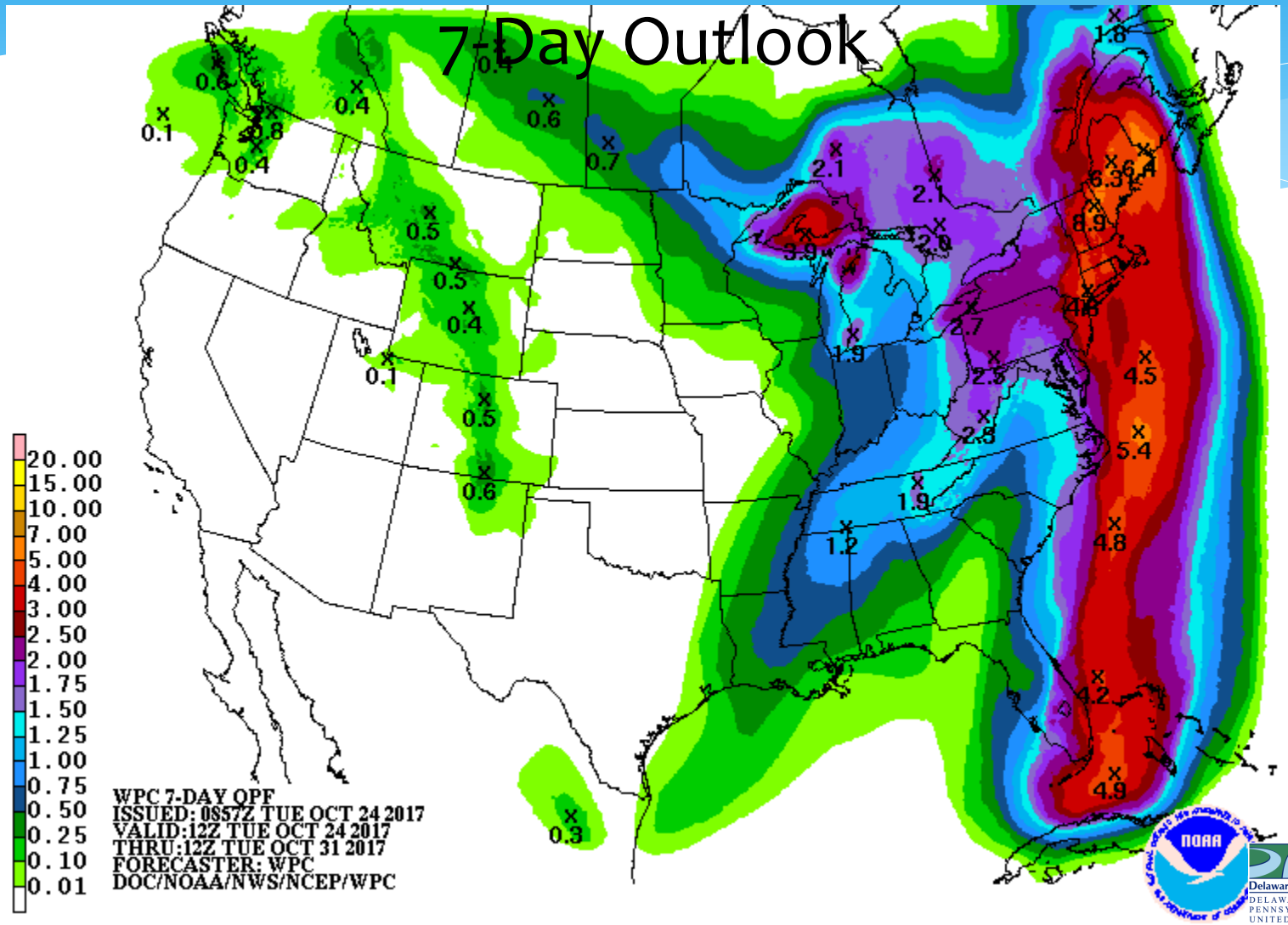
Precipitation

7-Day Outlook



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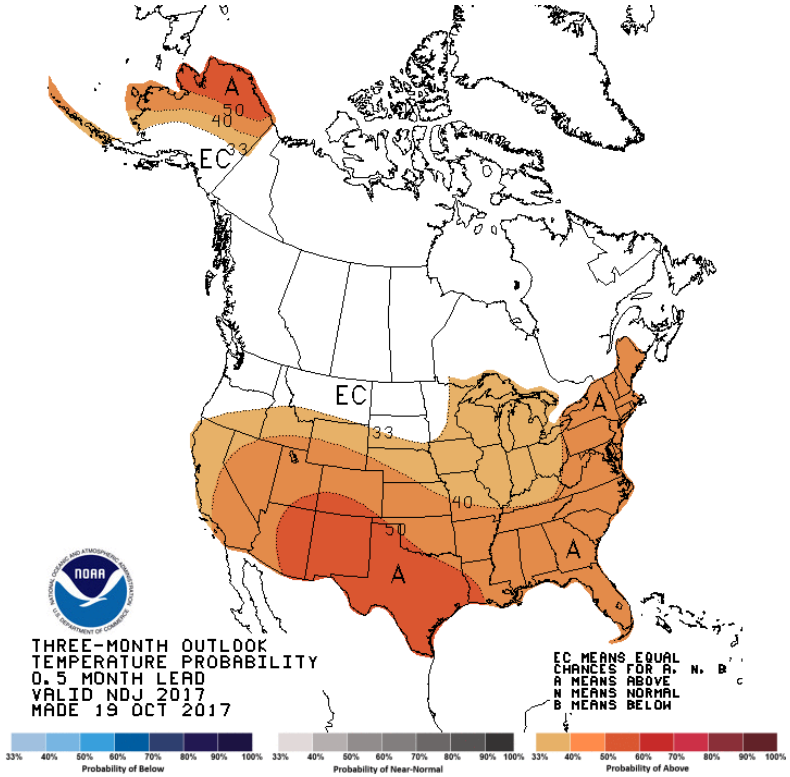
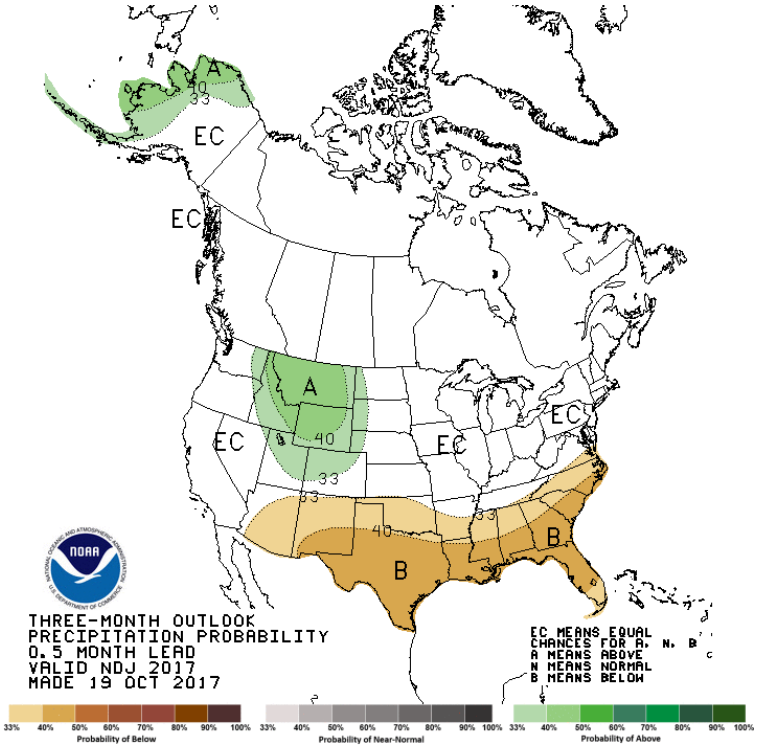
Temperature and Precipitation

3- Month Outlook





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Questions:

Amy Shallcross

Manager, Water Resource Operations

Amy.Shallcross@drbc.nj.gov

609-477-7232

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