

Hydrologic Conditions

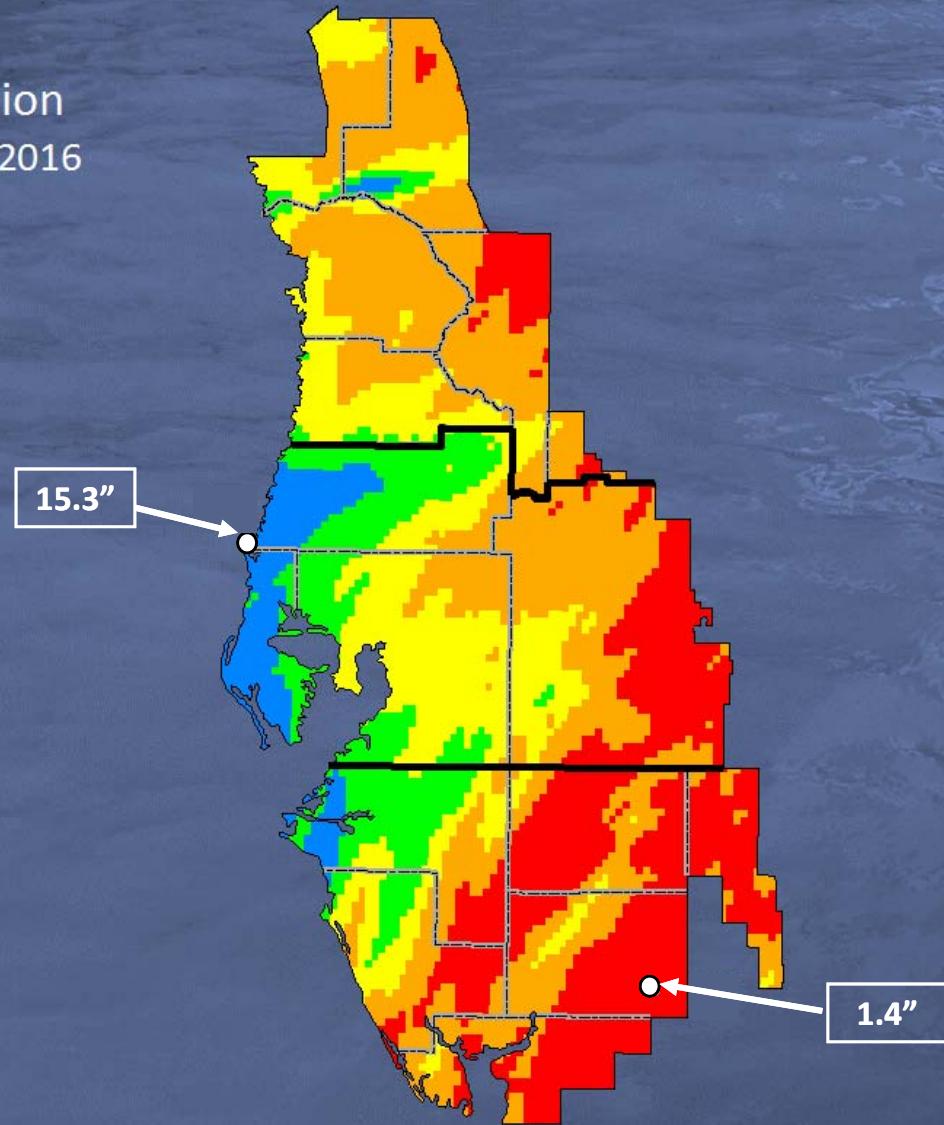
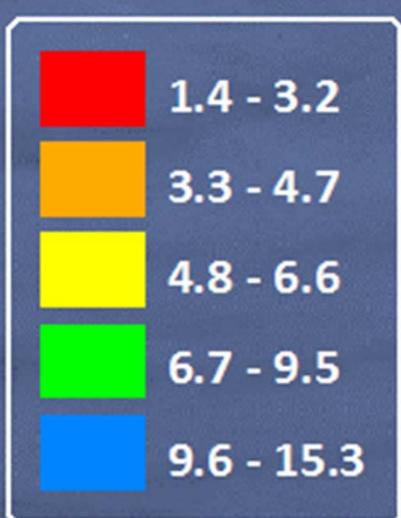
(most graphics are as of November 15, 2016)

Lois Ann Sorensen, M.B.A.

Program Manager, Demand Management

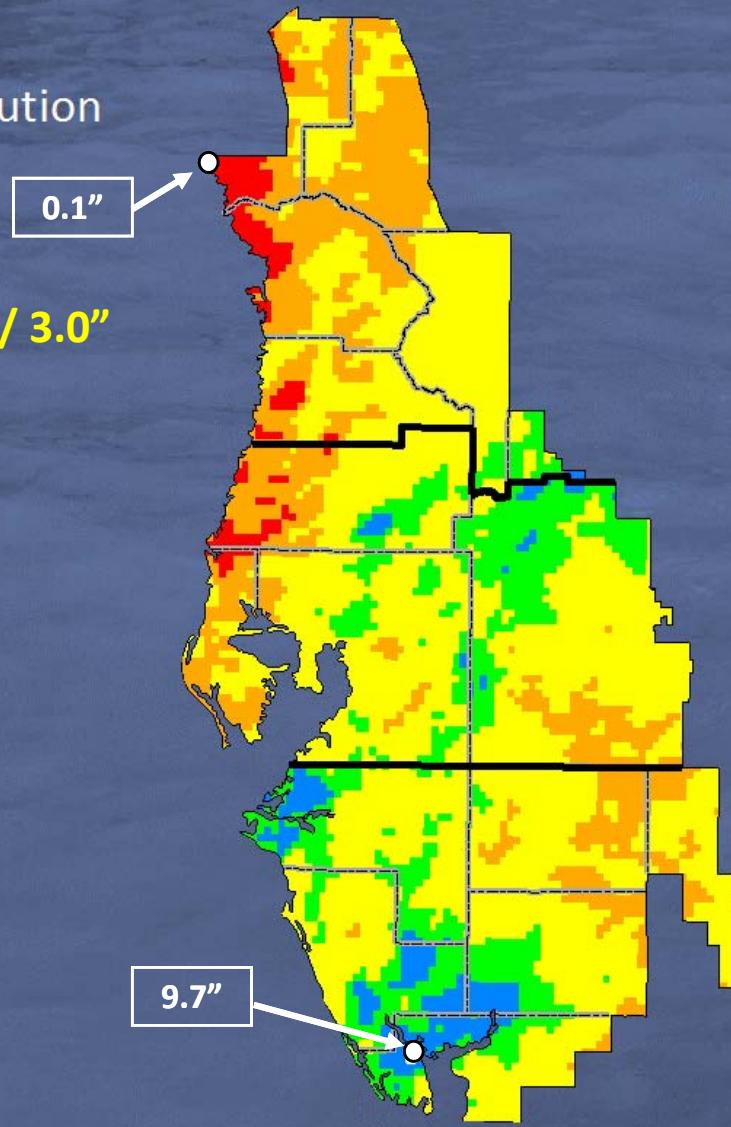


SWFWMD Rainfall Distribution
August 31 through September 3, 2016
"Hurricane Hermine"
Actual Rainfall in Inches

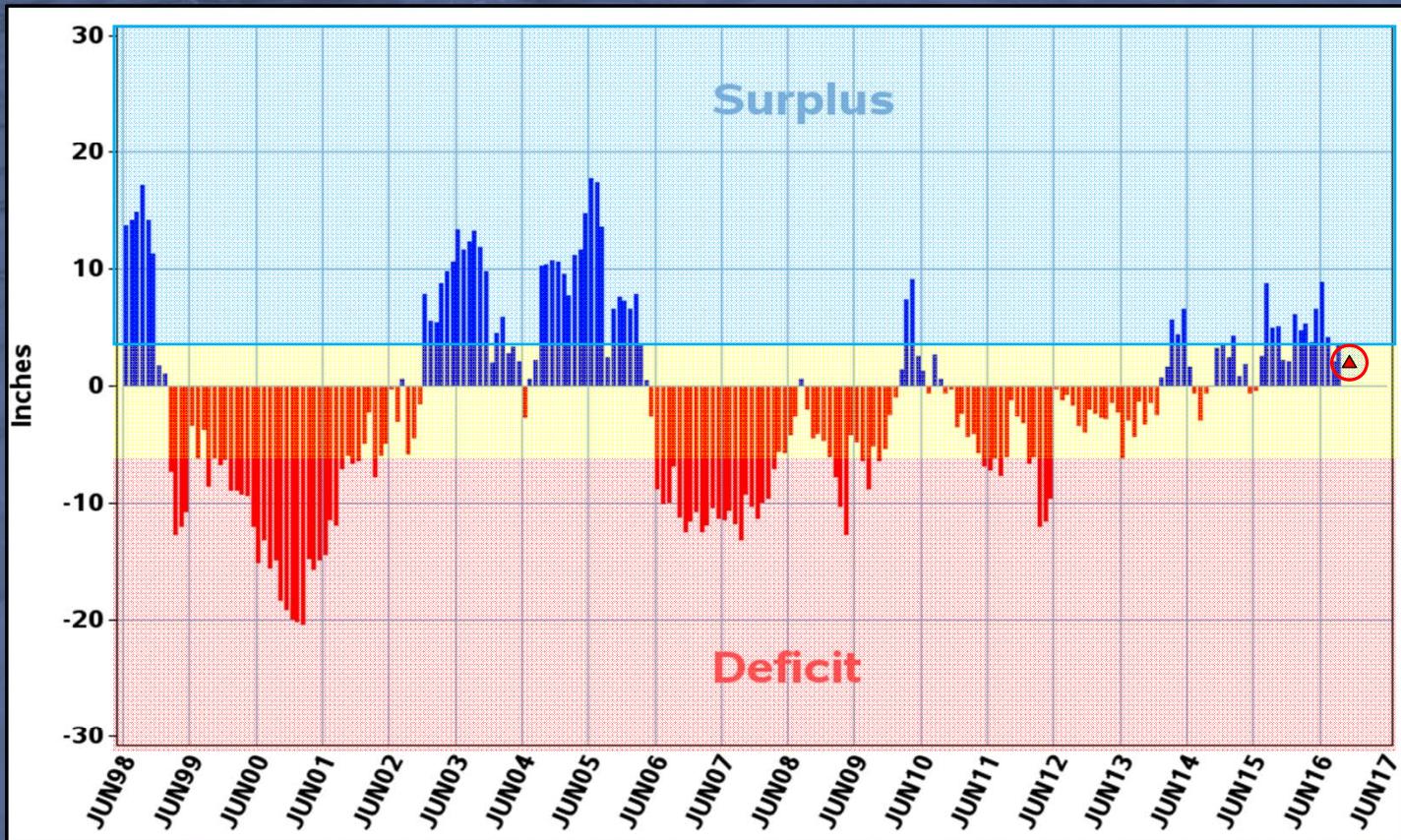


SWFWMD Rainfall Distribution October 2016

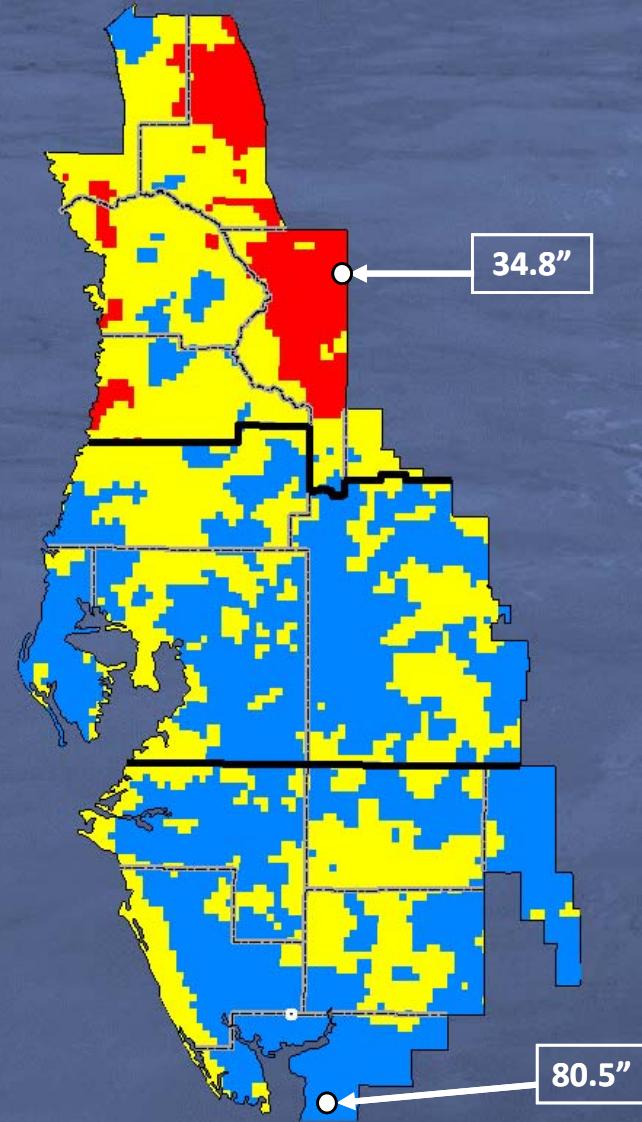
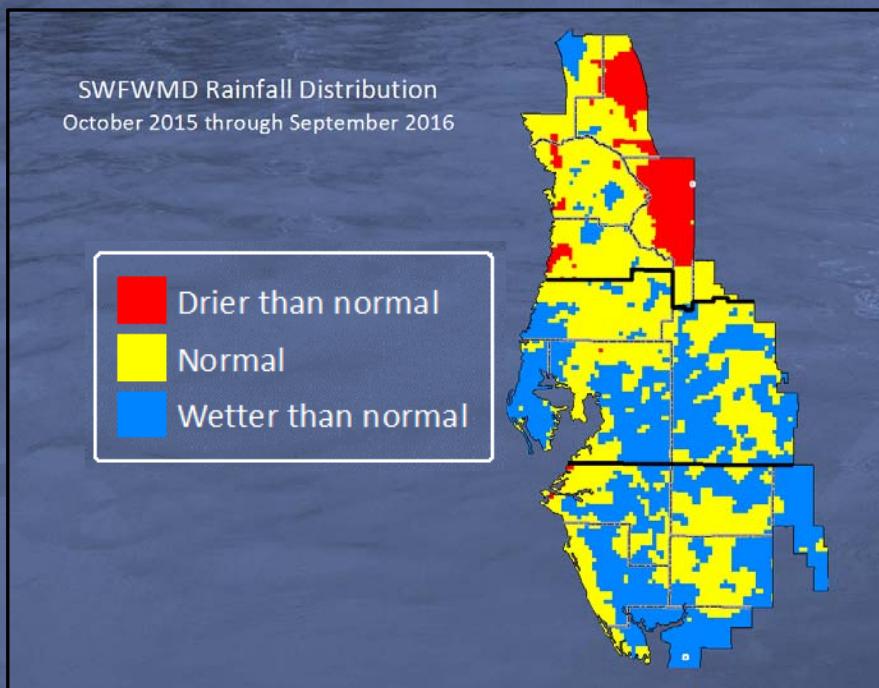
Mean Rainfall Received = 2.6" / 3.0"



Rainfall: 12-Month Departure from Mean

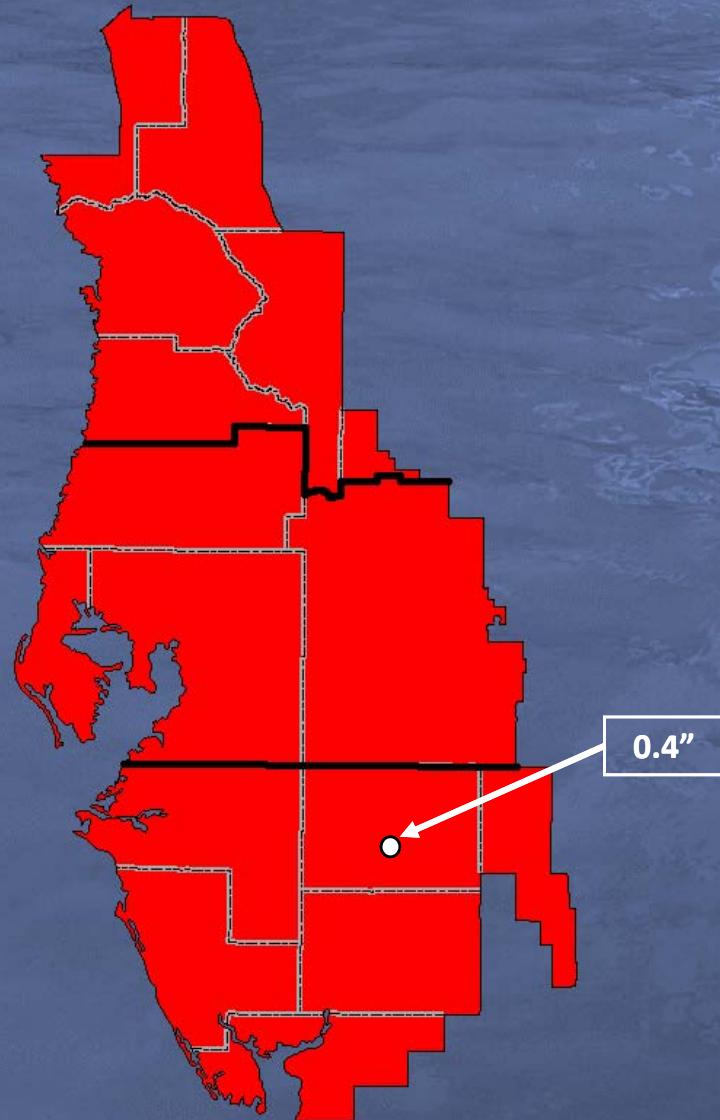


SWFWMD Rainfall Distribution
November 2015 through October 2016
12-Month Rainfall

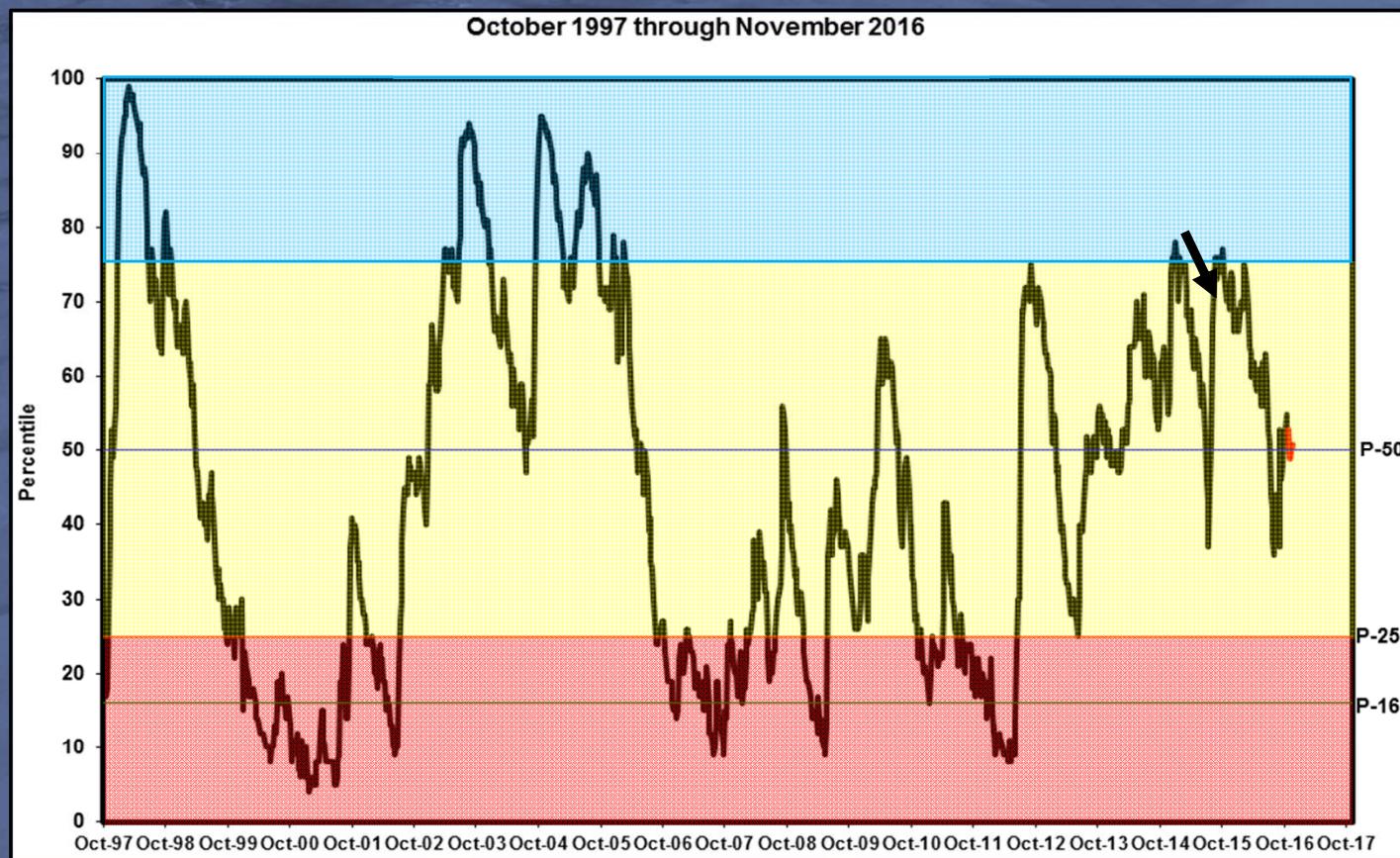


SWFWMD Rainfall Distribution November 1-14, 2016

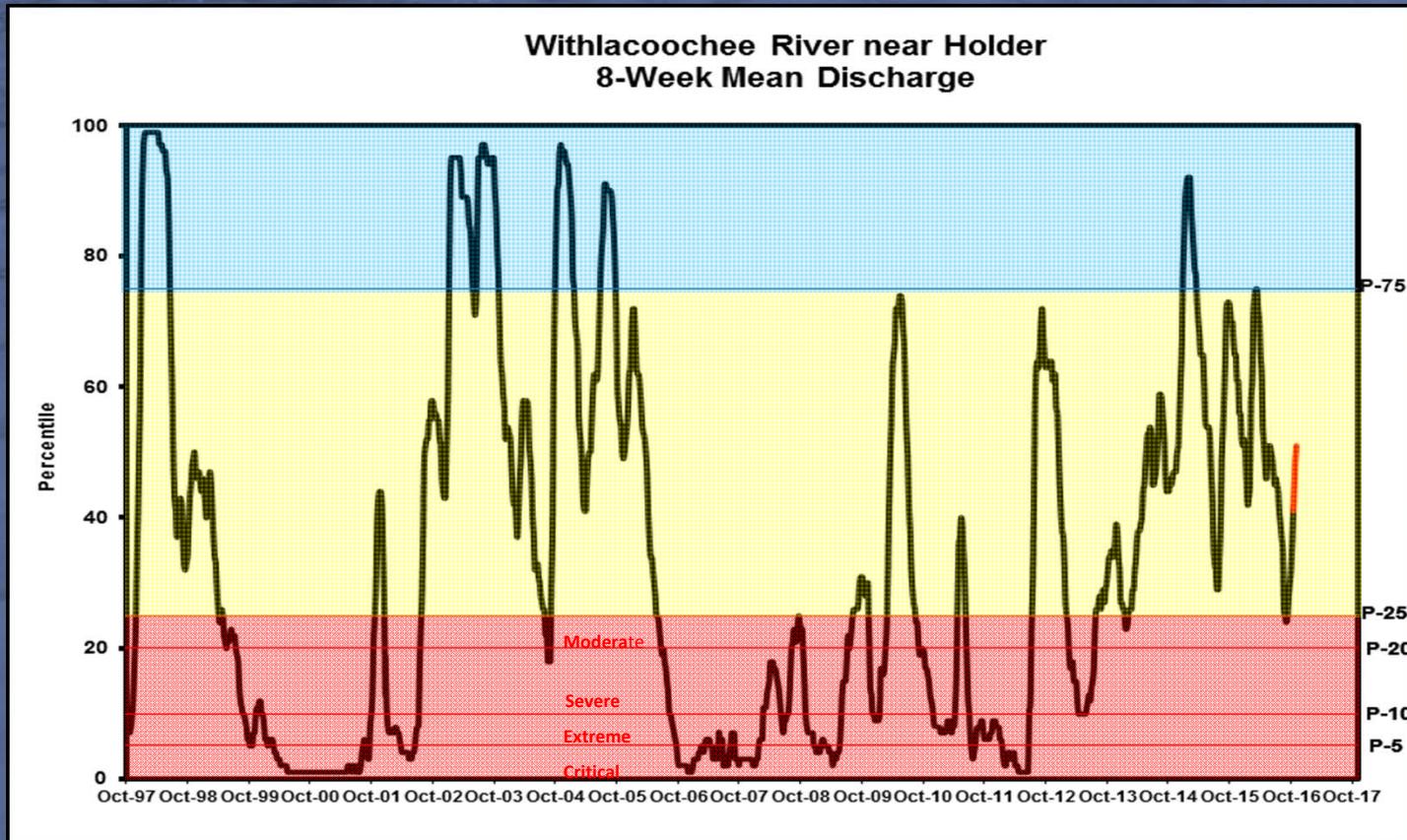
Mean Rainfall Received = 0.03" / 1.8"



Groundwater Levels: Northern Counties

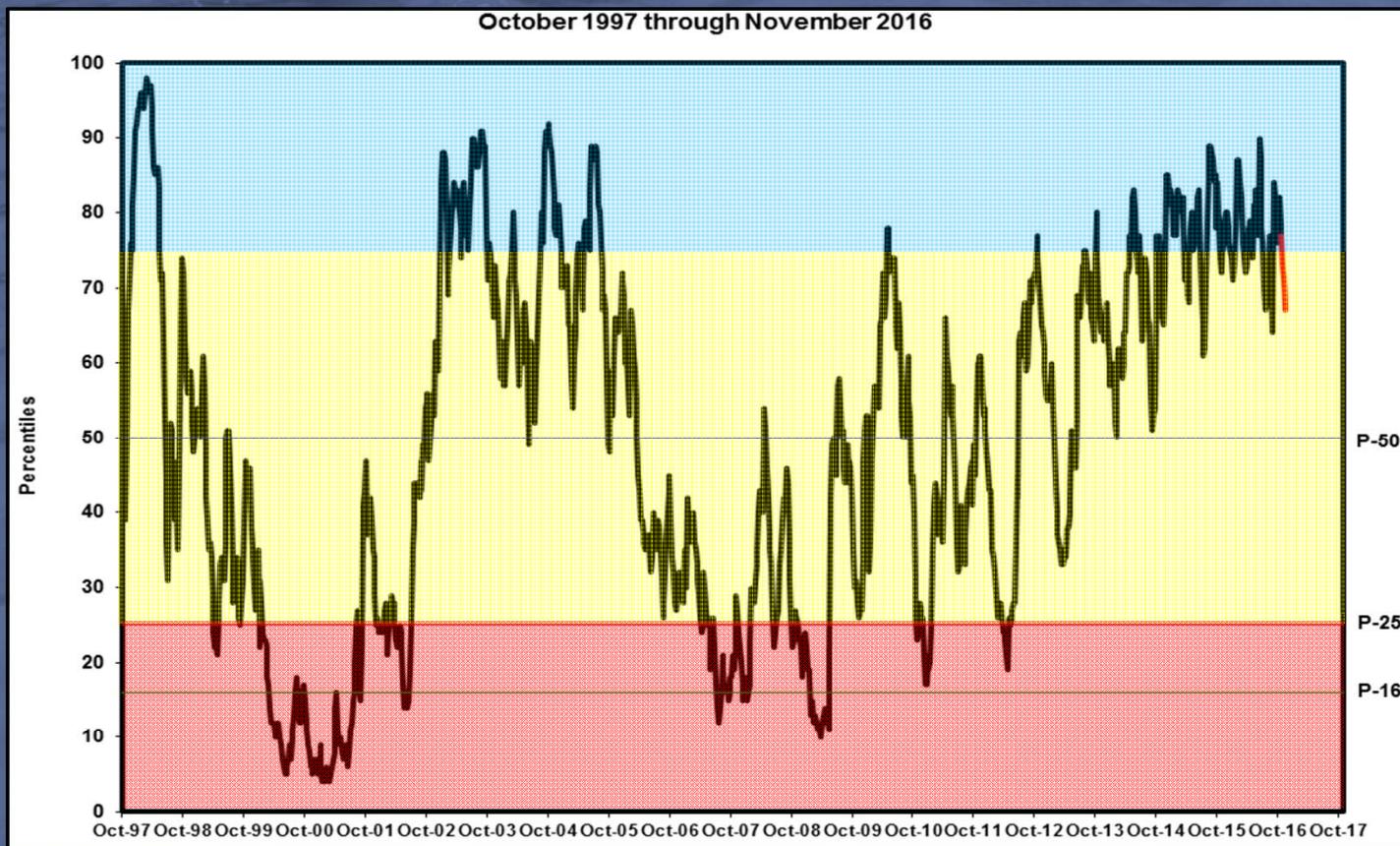


Surface Water Discharge: Withlacoochee River

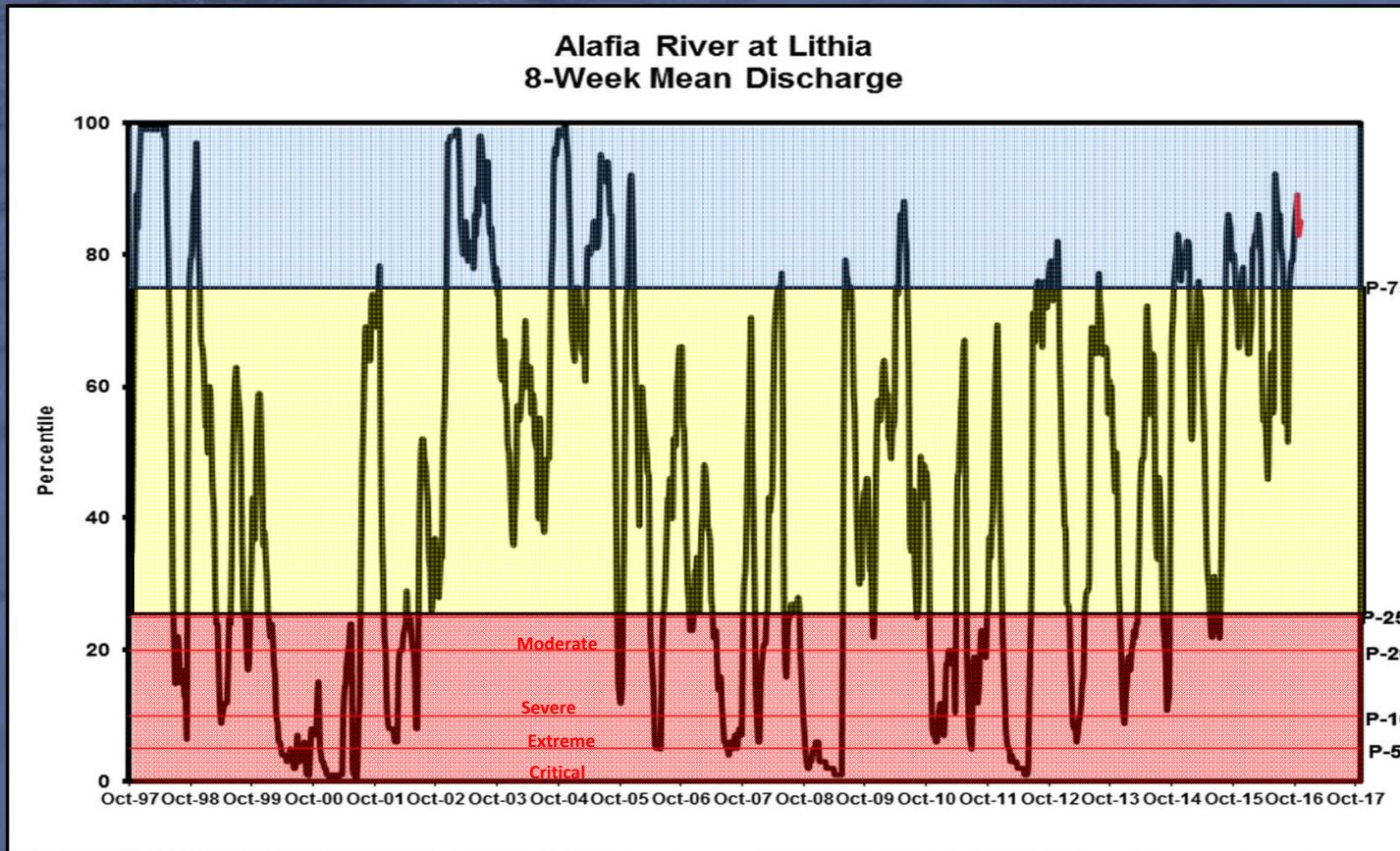


Data Source: United States Geological Survey

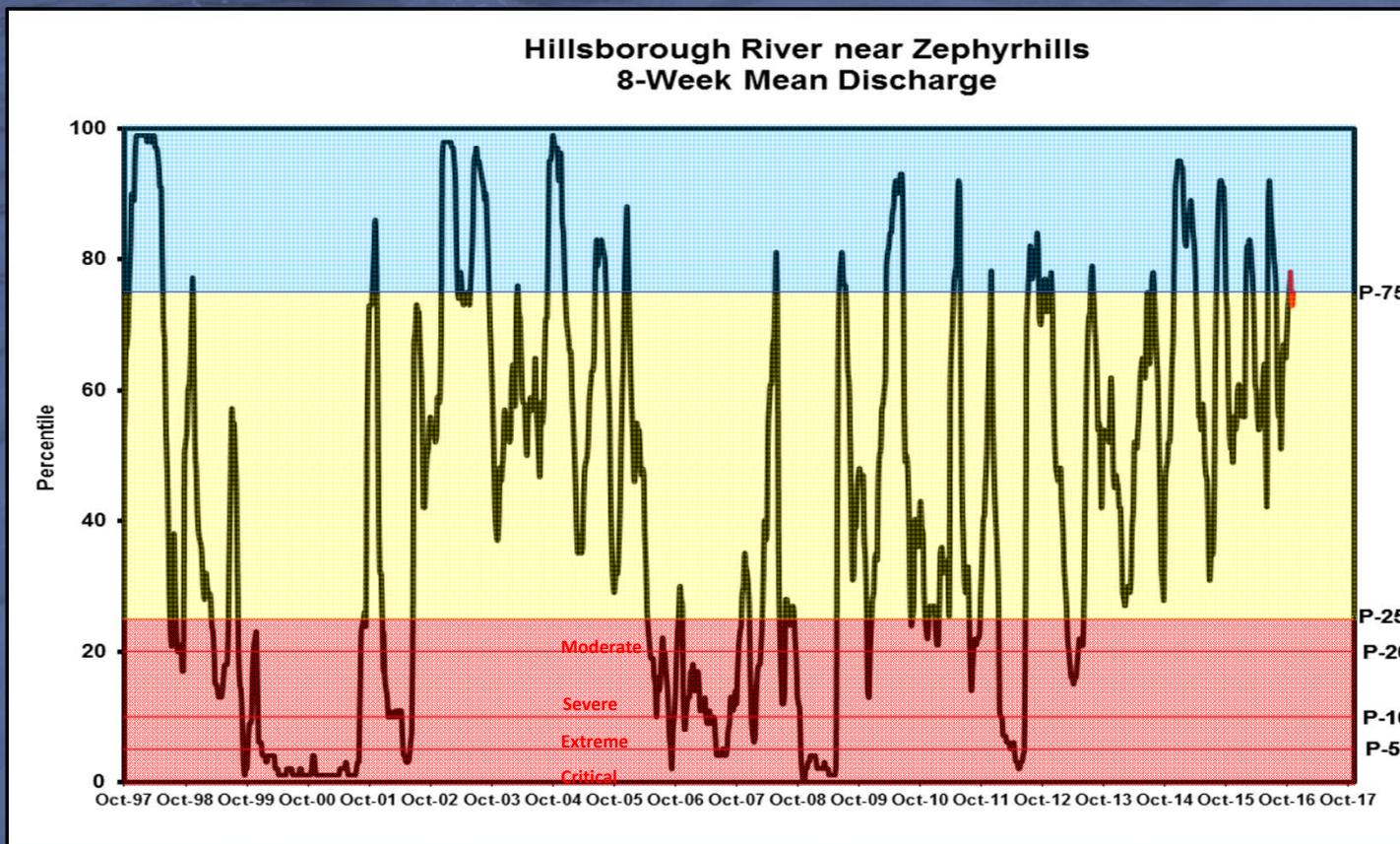
Groundwater Levels: Central Counties



Surface Water Discharge: Alafia River

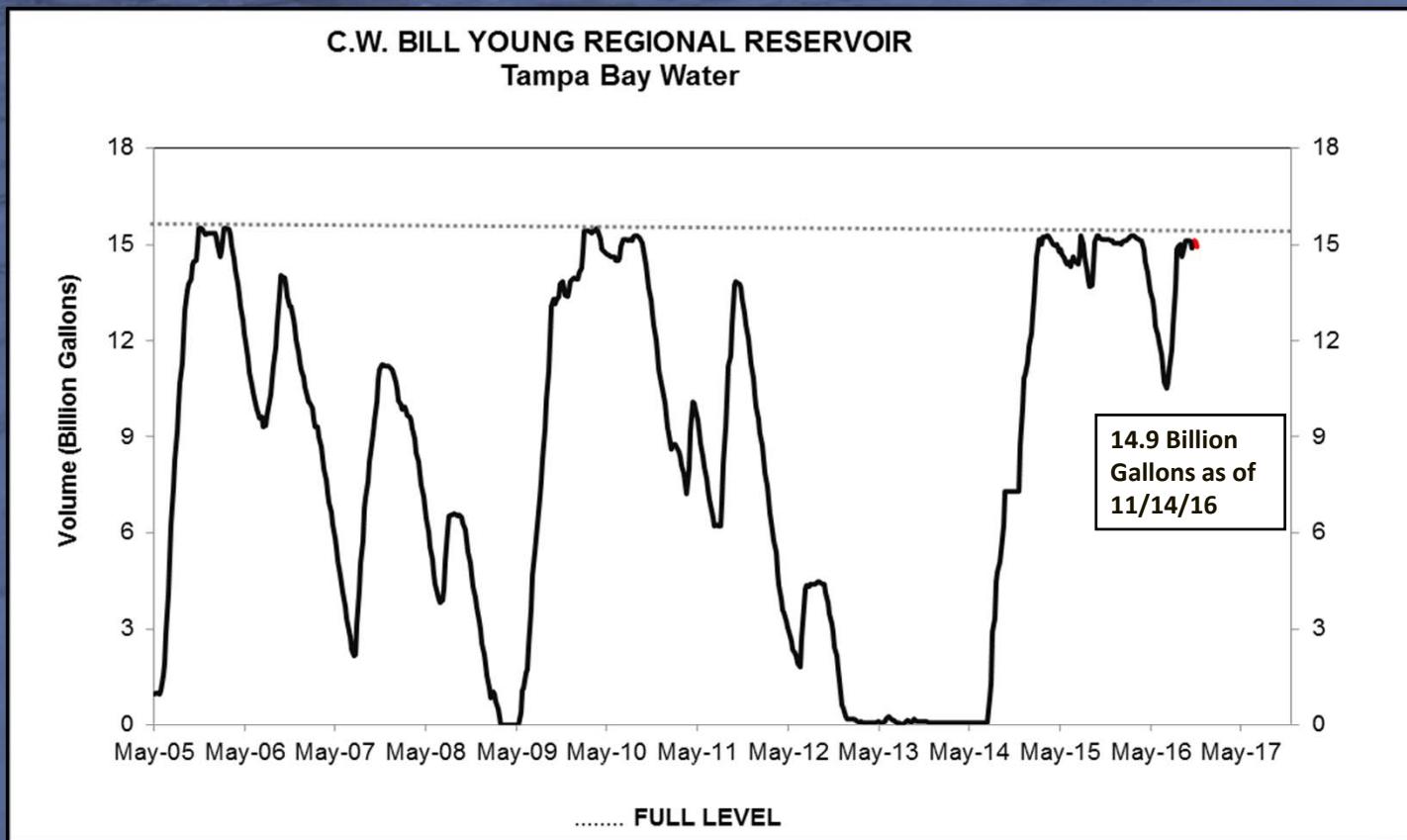


Surface Water Discharge: Hillsborough River



Data Source: United States Geological Survey

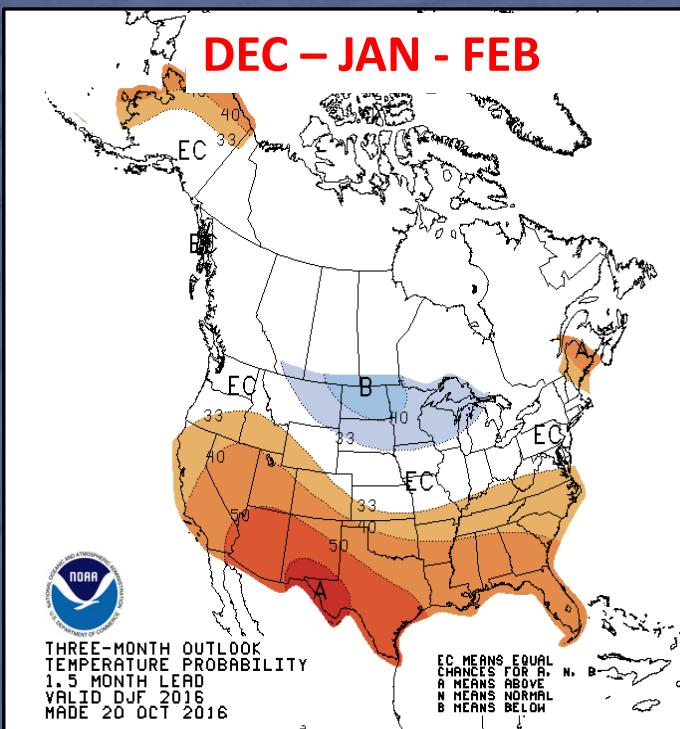
Public Supply Volume (*Hillsborough & Alafia Rivers*)



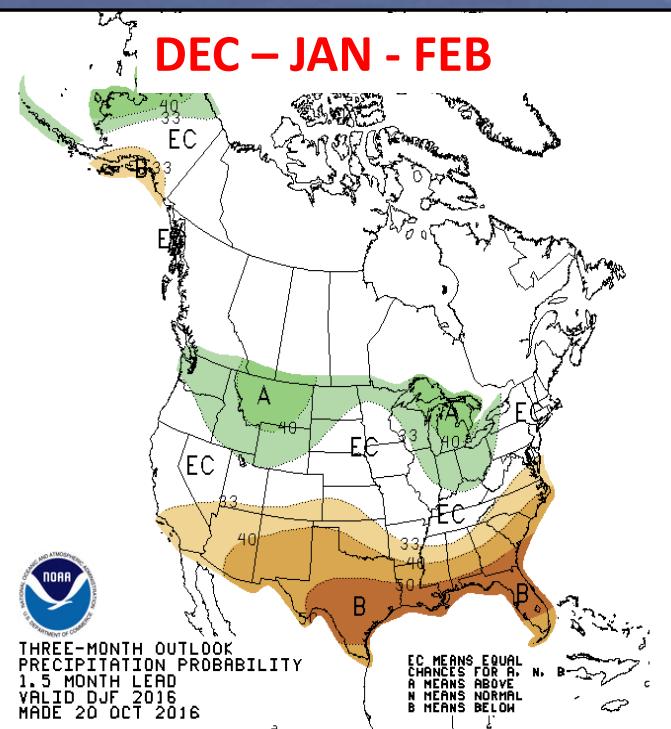
Data Source: Tampa Bay Water

Climate Forecast

Temperature Forecast

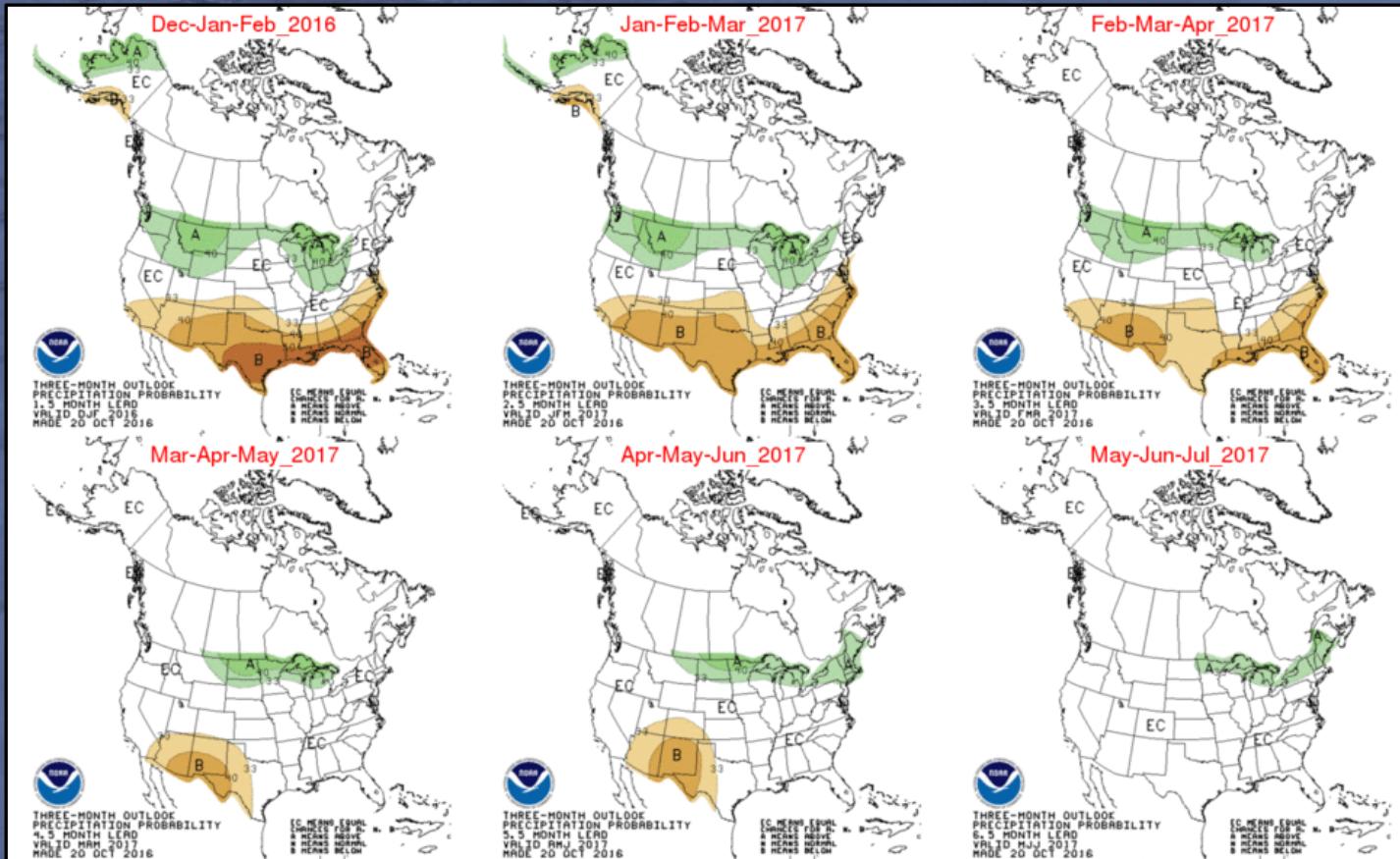


Precipitation Forecast

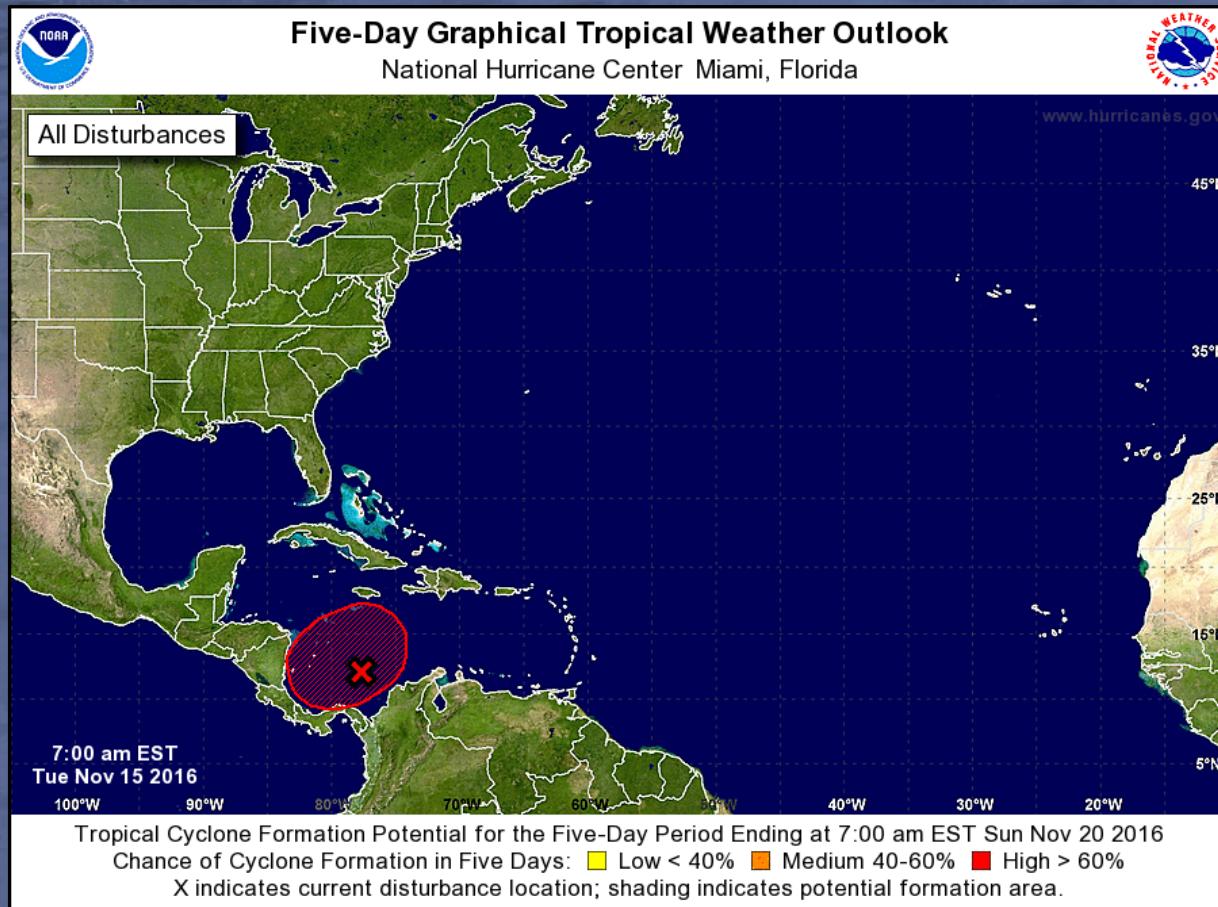


Source: Climate Prediction Center

Extended Precipitation Forecast



Tropical Outlook



Water Shortage Plan (Rule 40D-21)

- Required by state law
- Drought and other situations
- Monitor regional conditions
- Four phases of restrictions
- Emergency provisions, too
- Implement through District orders

Summary

- November has been extremely dry
- Outlook is for more dry weather to come
- Hydrologic indicators and public supply are healthy