

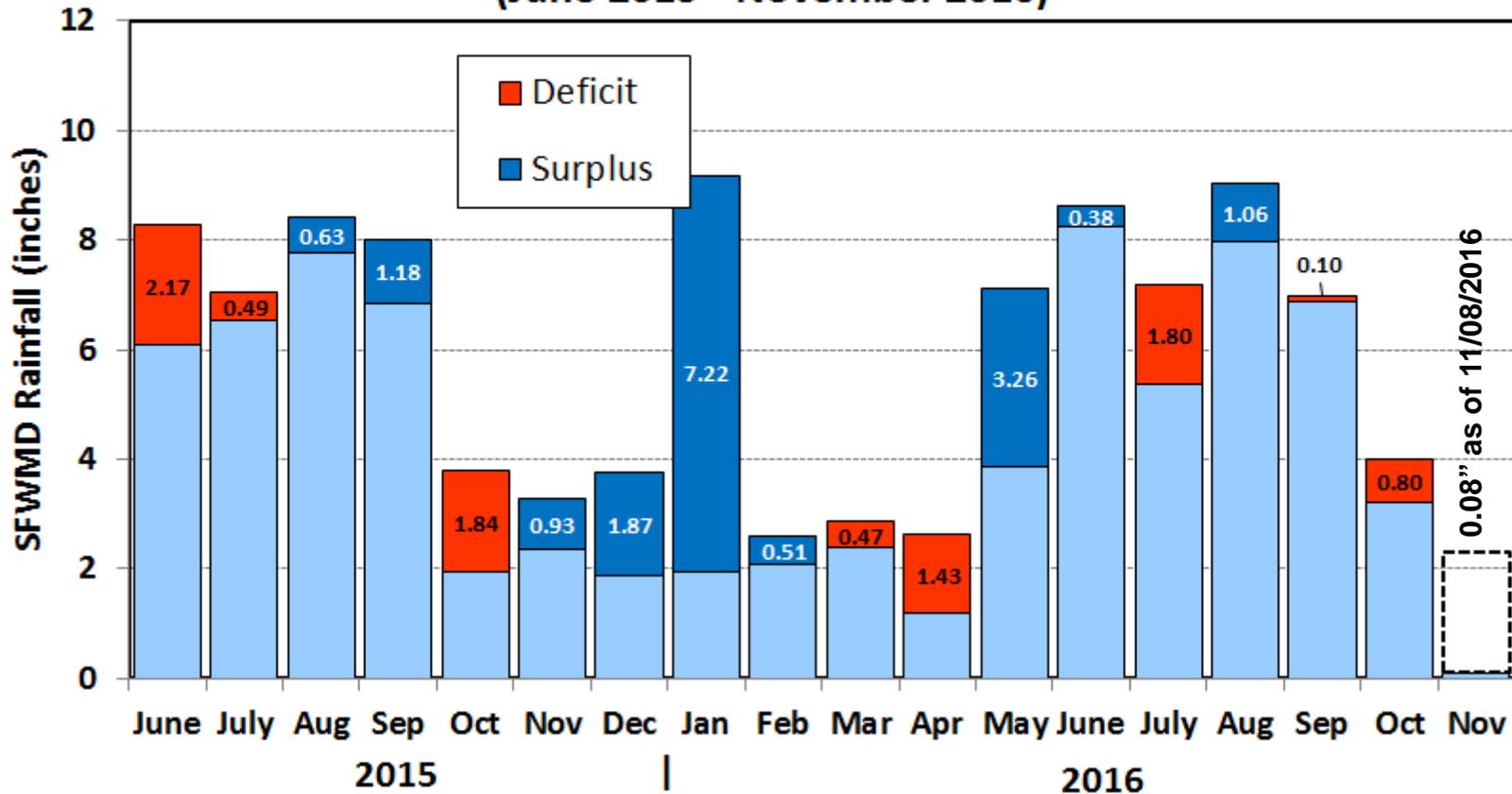
# Water Conditions Summary

South Florida Water  
Management District  
Governing Board Meeting  
November 10, 2016

John P. Mitnik, PE  
Division Director  
Operations, Engineering and Construction

# SFWMD Rainfall Distribution Comparison

(June 2015 - November 2016)



### 2015 WET SEASON:

- Driest May-July since 2004
- Ended below average

### 2015-16 DRY AND 2016 WET SEASON:

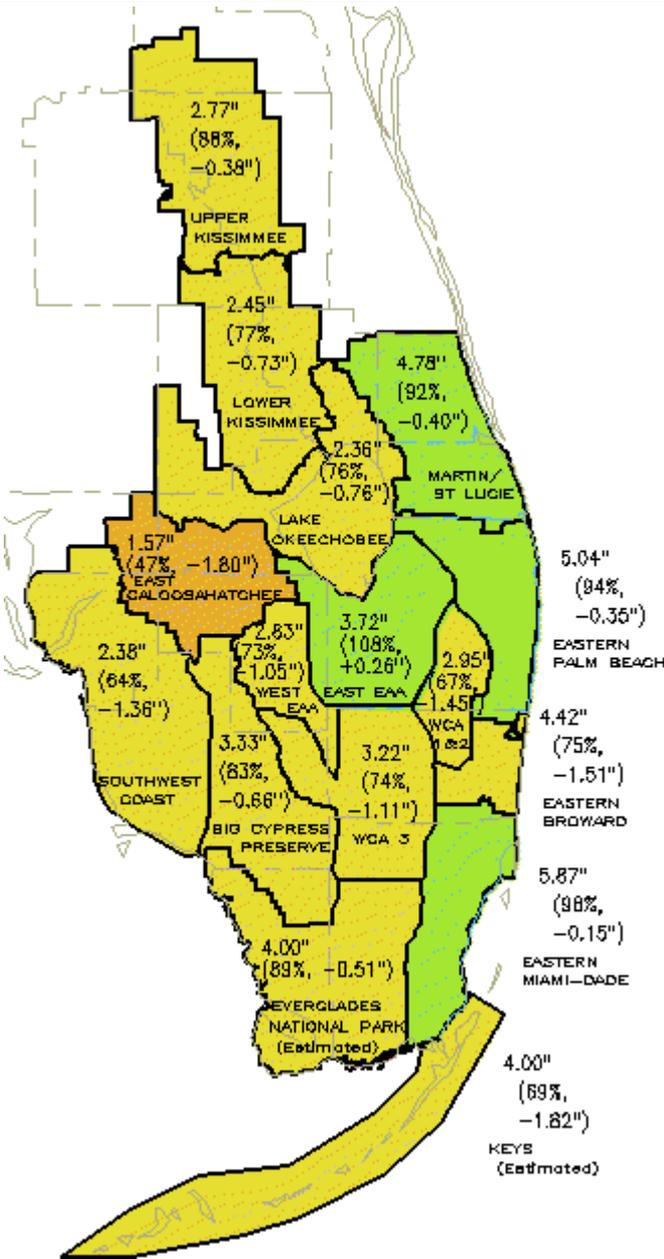
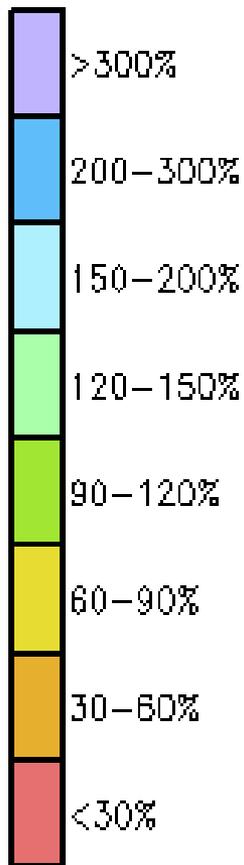
- Nov 2015-Jan 2016 wettest since 1932
- Jan 2016 wettest since 1932
- Second wettest May since 1976
- Dry season 2015-16 168% above average
- 2016 Wet season is below average

# SFWMD

## October 2016 Rainfall

(02-Oct to 01-Nov-2016)

**DISTRICT-WIDE: 3.21"**  
**80% of Avg, or -0.80"**



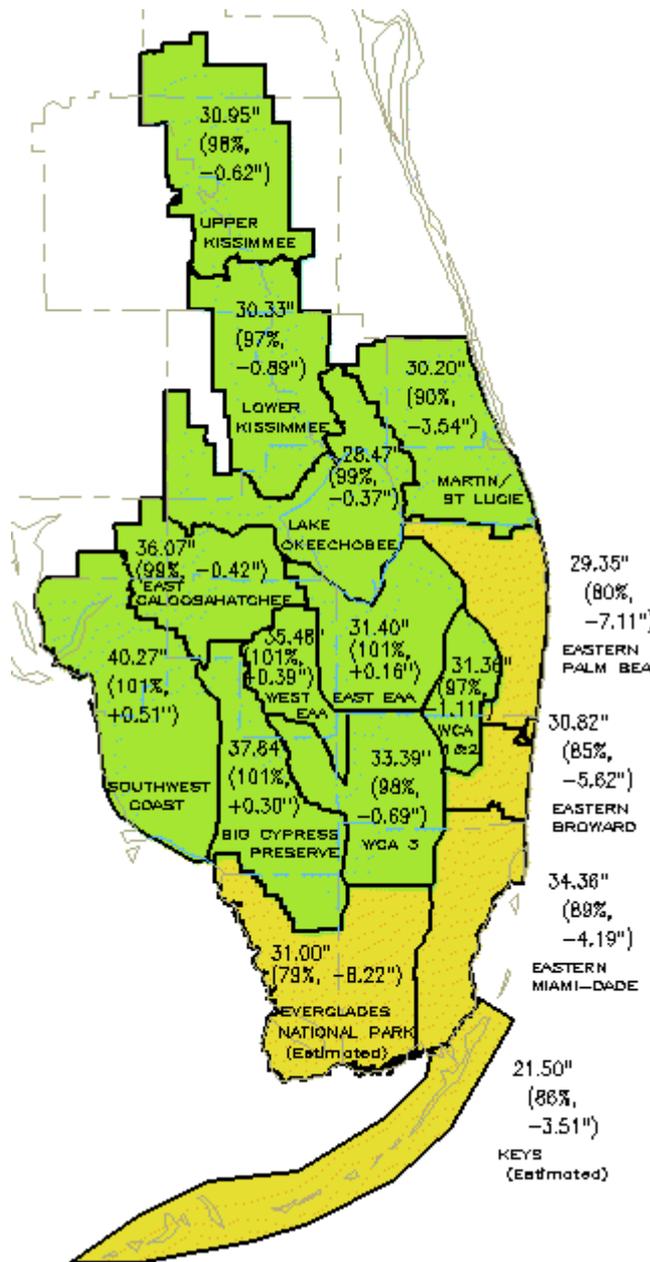
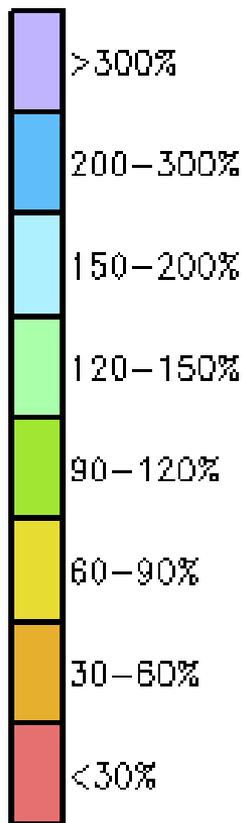
- October rainfall is below normal
- Only East EEA rainfall area shows a surplus of 0.28.
- East Caloosahatchee rainfall deficit is 1.80"
- Most of the rain took place up to October 7, when Hurricane Matthew passed to the east of the District

Measured  
 (% of Avg,  
 Diff From Avg)

KEYS  
 (Estimated)

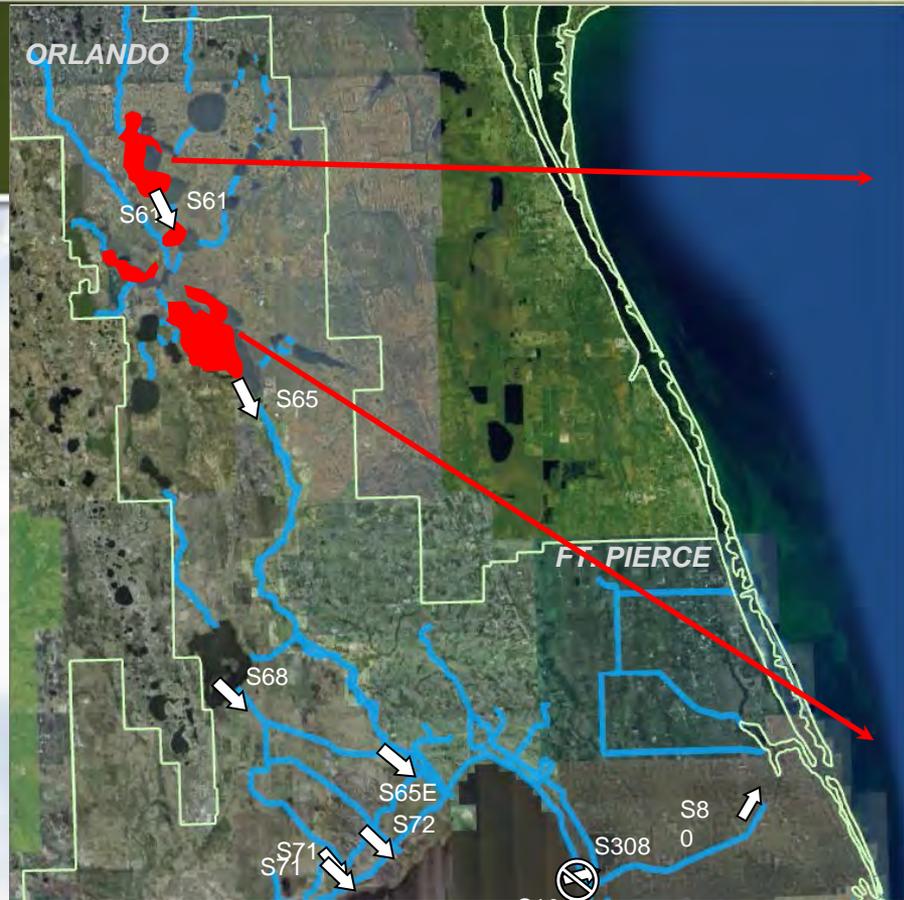
# SFWMD 2016 Wet Season Rainfall

(02-Jun-2016 to 01-Nov-2016  
**DISTRICT-WIDE: 33.13"**  
**96% of Avg, or -1.26"**)



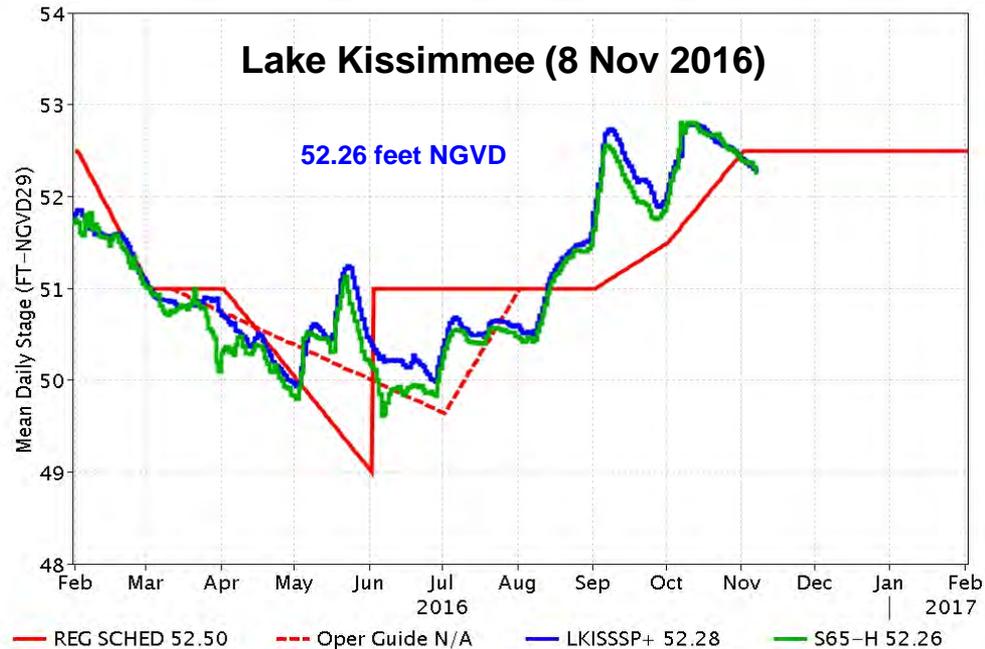
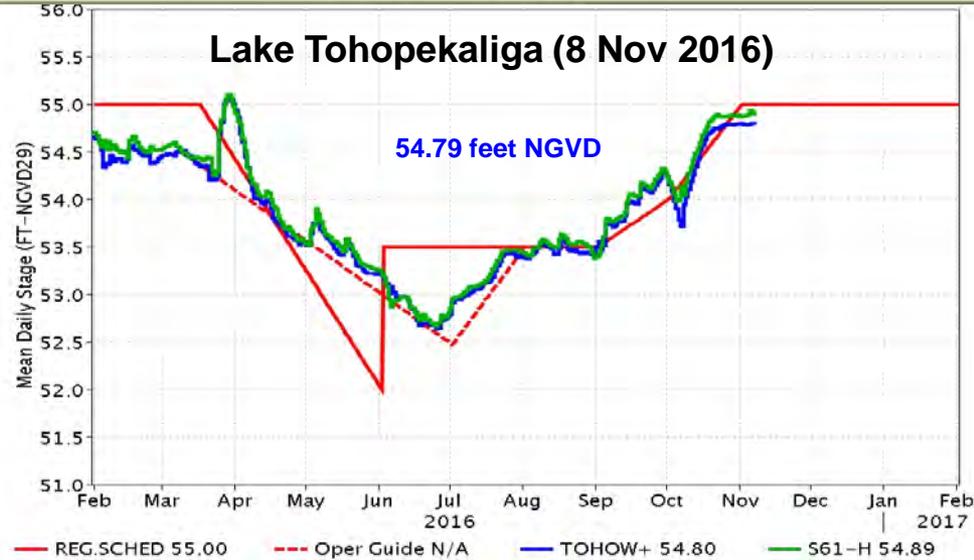
- 2016 wet season District rainfall is slightly below average
- Areas in the LEC, ENP, and the Florida Keys are below normal
- All other rainfall areas are close to average.

Measured  
(% of Avg.  
Diff From Avg)

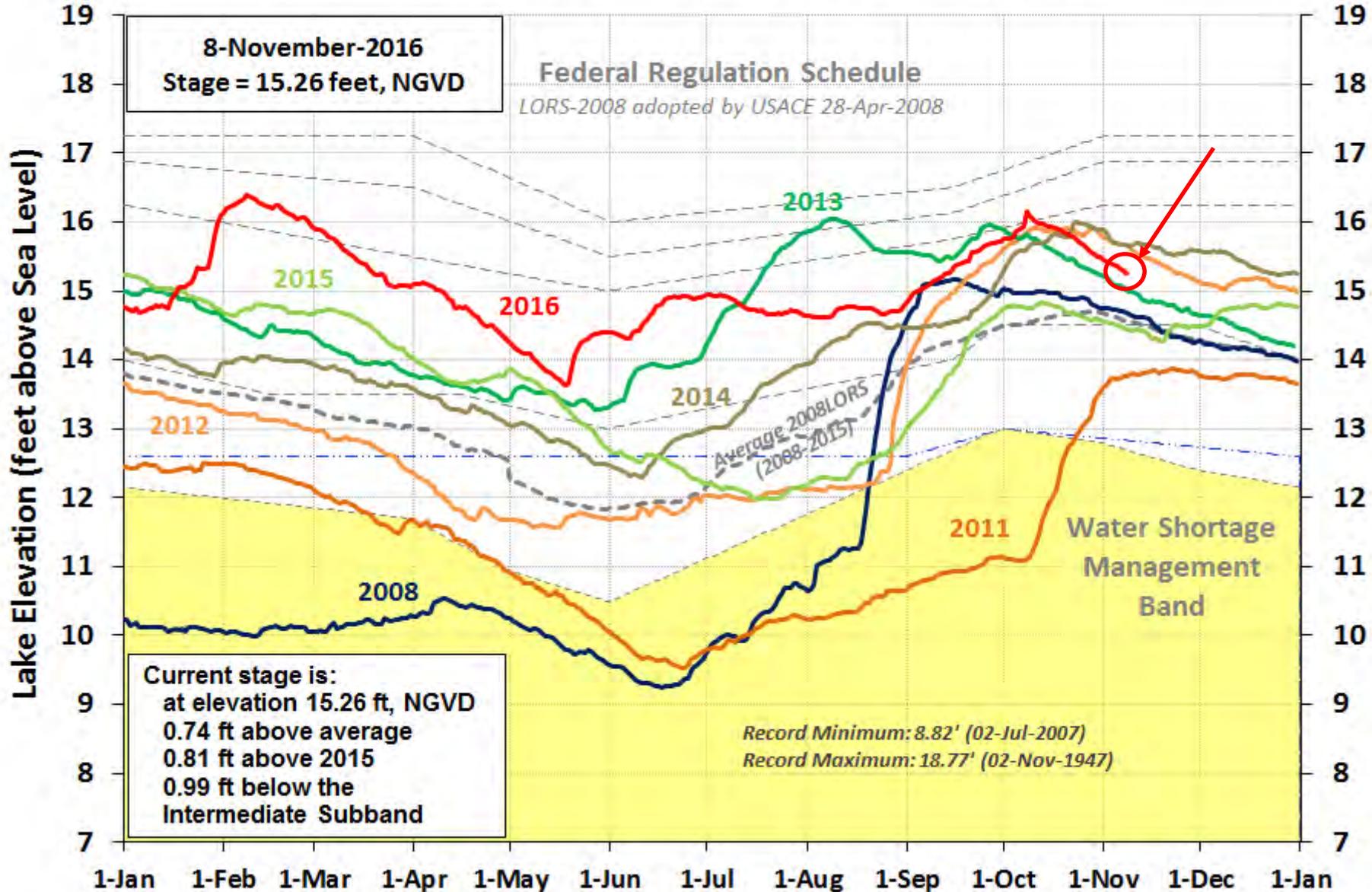


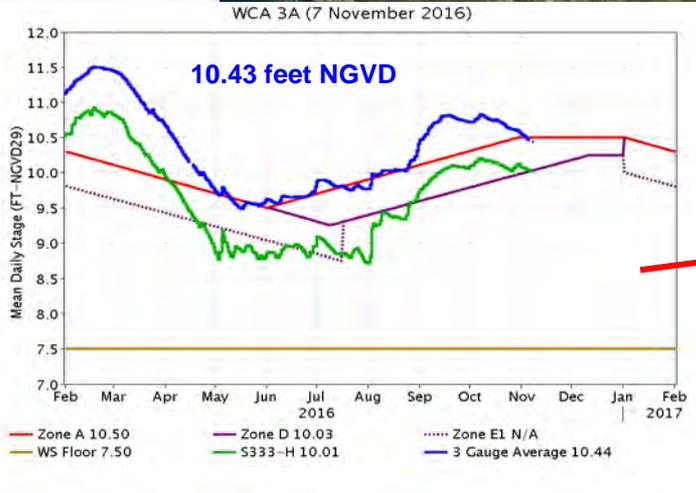
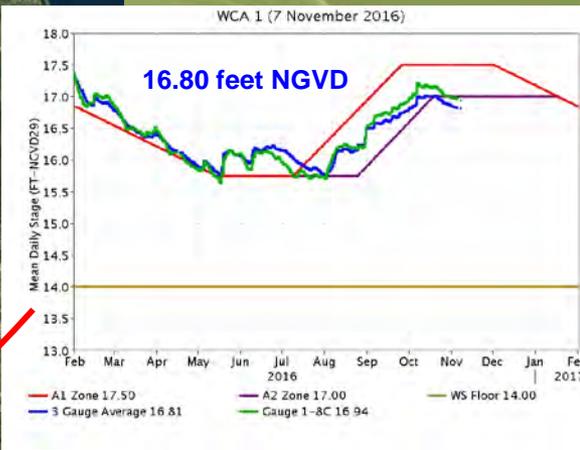
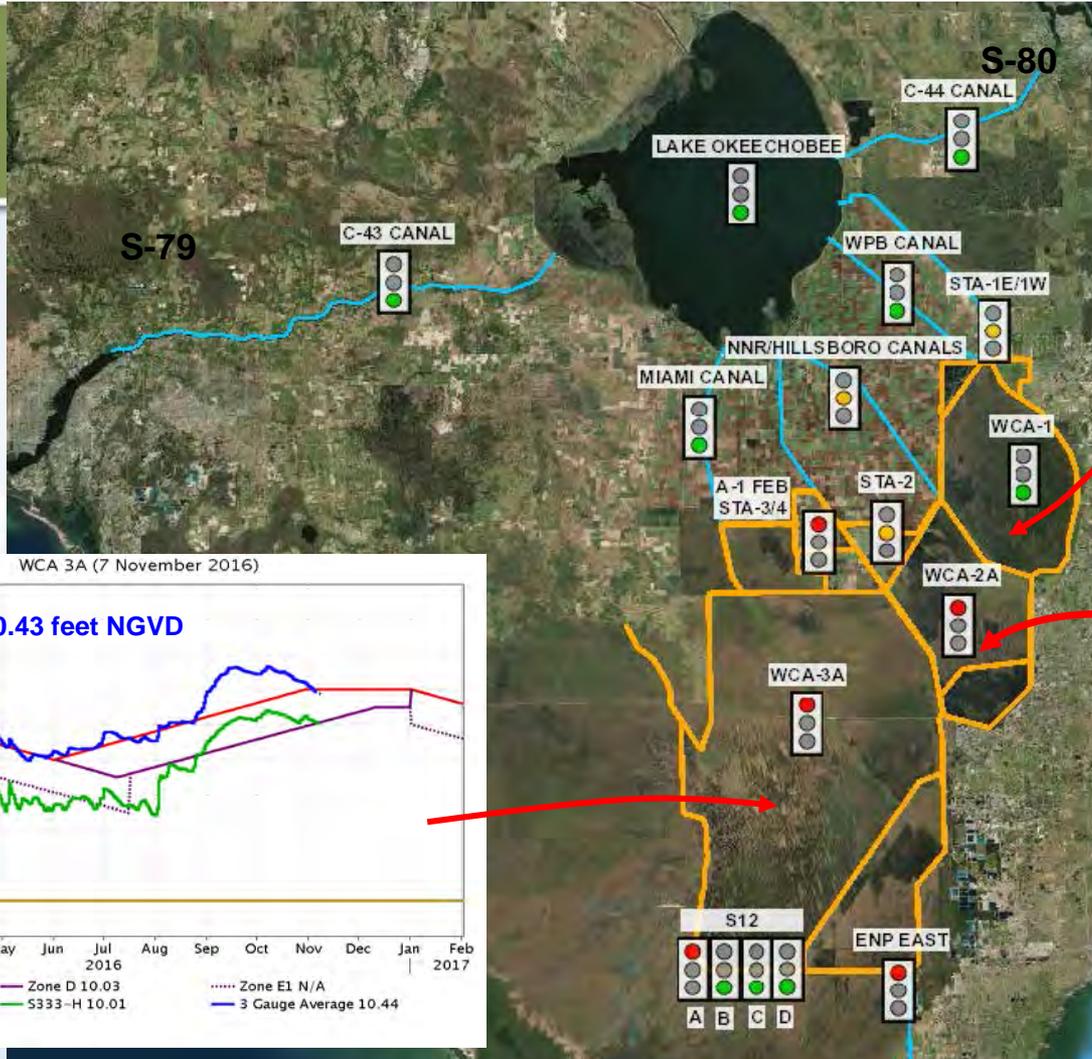
### Kissimmee Basin

- Stages at Kissimmee-Cypress-Hatchineha are ~0.25 ft below winter pool elevation
- Stages at East Toho and Toho are ~ 0.1 ft and ~0.2 ft below winter pool regulation
- With the exception of Lake Alligator, stages for all other lakes are close to winter pool regulation
- Discharge at S65 is about 750 cfs



# Lake Okeechobee Water Level Comparison



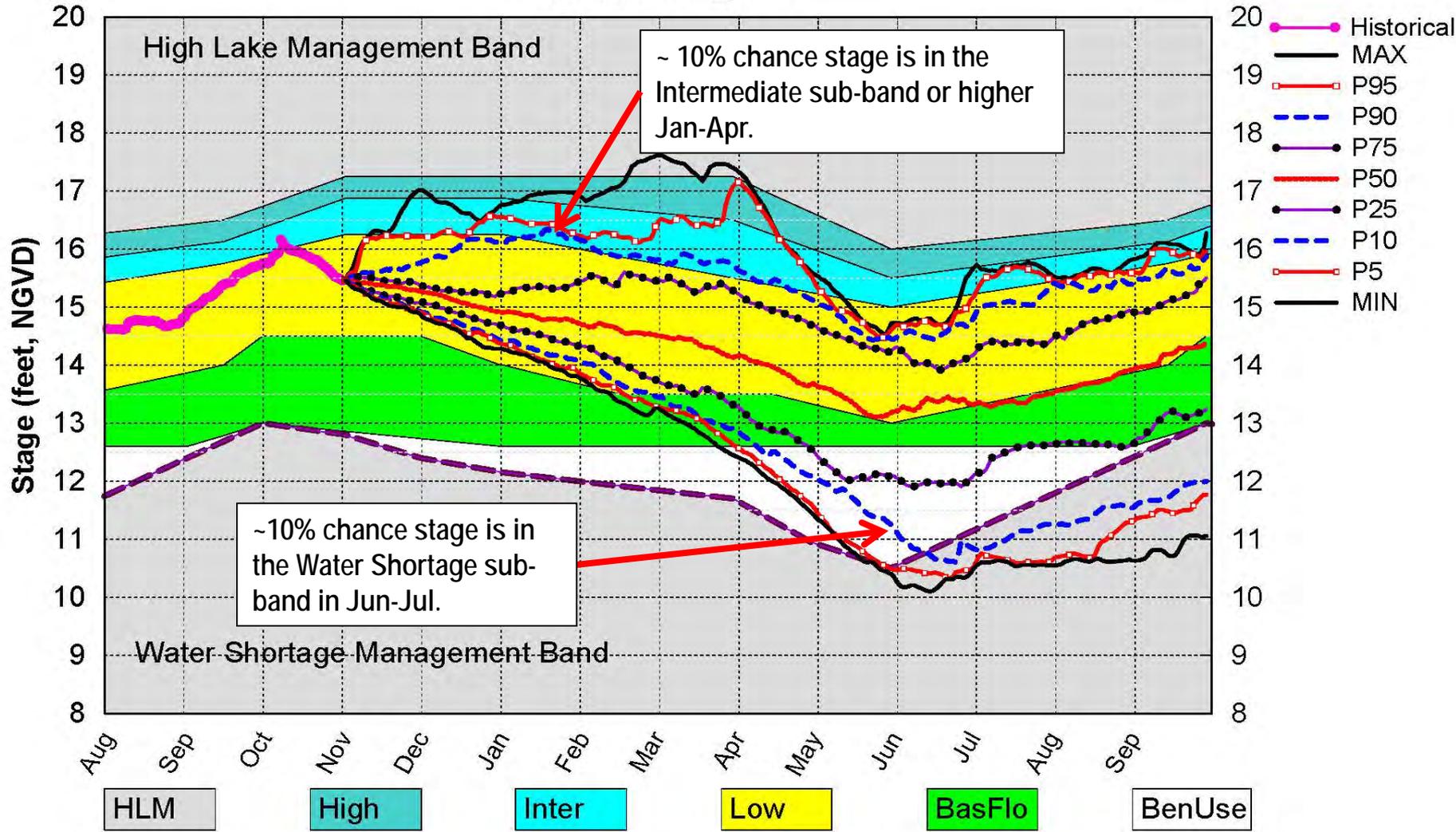


Canals south of Lake Okeechobee are recovering capacity to take lake releases to the STAs. STA1E/1W and STA-2 have some capacity to treat lake releases. WCA-1 can take lake releases. WCA-2 and WCA-3A can not take lake releases.

Rainfall Plan calls for 2,990 cfs to be released from WCA-3A. Currently discharging ~ 1,600 cfs through S-12B to D. S-333 and S-334 are closed for maintenance and due to stages in ENP. S-332BN pump station remains secured due to construction work. S-197 is closed.

# Lake Okeechobee SFWMM Nov 2016 Dynamic Position Analysis

Percentiles PA\_DPA



(See assumptions on the Position Analysis Results website)



# Questions?