

Water Conditions Summary

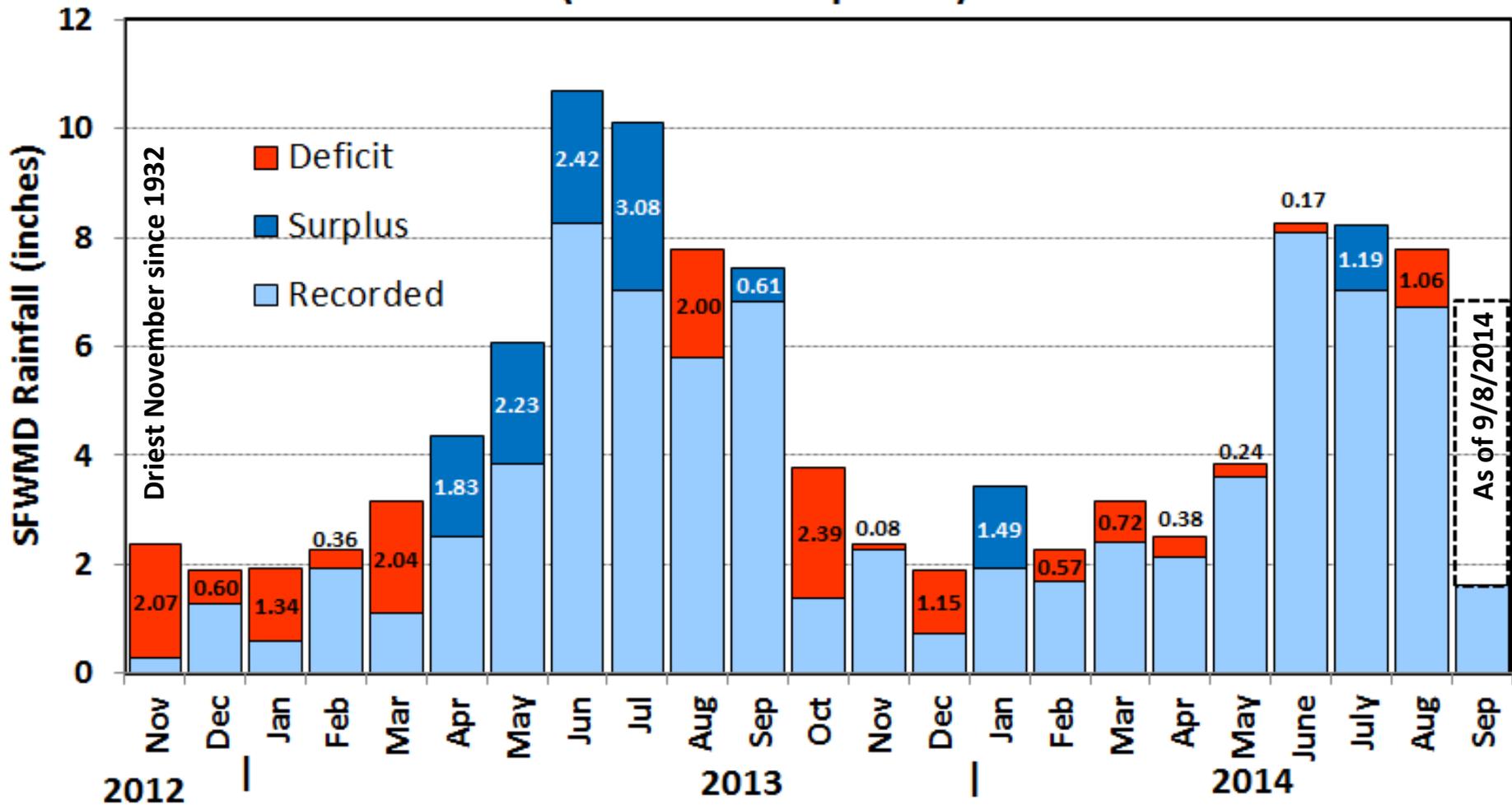
South Florida Water Management District
Governing Board Meeting

September 11, 2014

Jeff Kivett, PE, Division Director
Operations, Engineering & Construction
South Florida Water Management District

SFWMD Rainfall Distribution Comparison

(Nov 2012 - Sep 2014)



2012-13 DRY SEASON:

- Driest November since 1932
- Below average despite April/May being above

2013 WET SEASON:

- May 18th Start
- Oct 8th End
- Slightly above average

2013-14 DRY SEASON:

- January above average
- Dry Season - 92% of average

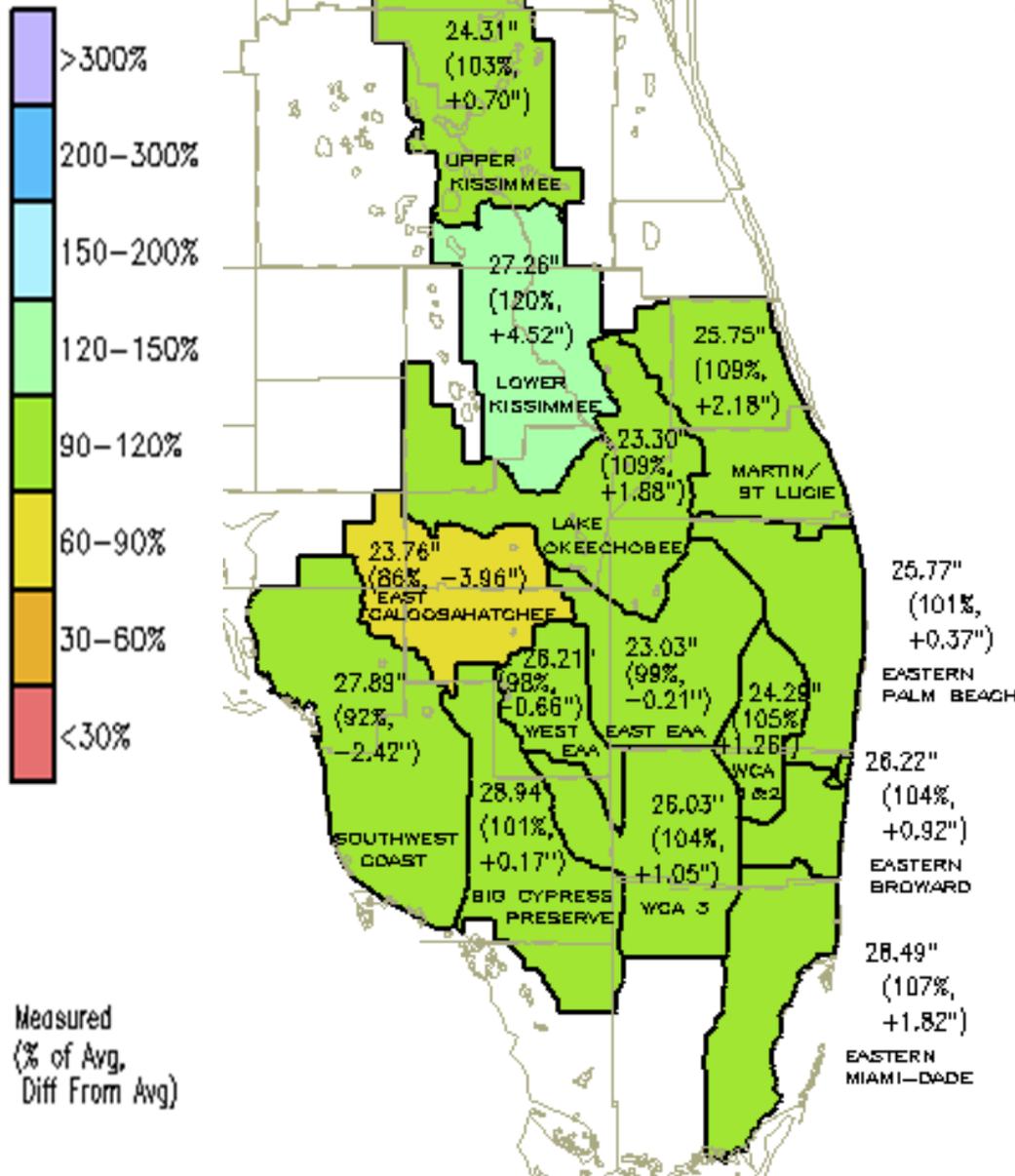
2014 WET SEASON:

- May 27th Start
- Average so far

Vet Season Rainfall (to date)

May 27 – Sep 4, 2014

DISTRICT-WIDE: 25.82"
(103% of Avg, or +0.64")



- All basins but two are close to average rainfall (90-120%)
- Lower Kissimmee is the largest above average with 120%
- Southwest Coast is 92% average rainfall
- Caloosahatchee basin is 86% average rainfall

Kissimmee Lakes at or below regulation schedule. Recent rains are raising stages

District wide rainfall below average for August 2014

Lake O water levels increased for the first 3 weeks in August and then decreased slightly. Lake stage remains in the Low Sub-band. Pulse releases have been S-79 1500 cfs, and S-80 0 cfs. Guidance for this week is switching to base flow releases.

With respect to regulation schedules
WCA 1 below WCA 2 above
WCA-3A is in Zone D
USACE is making regulatory releases from WCA2 and WCA3A

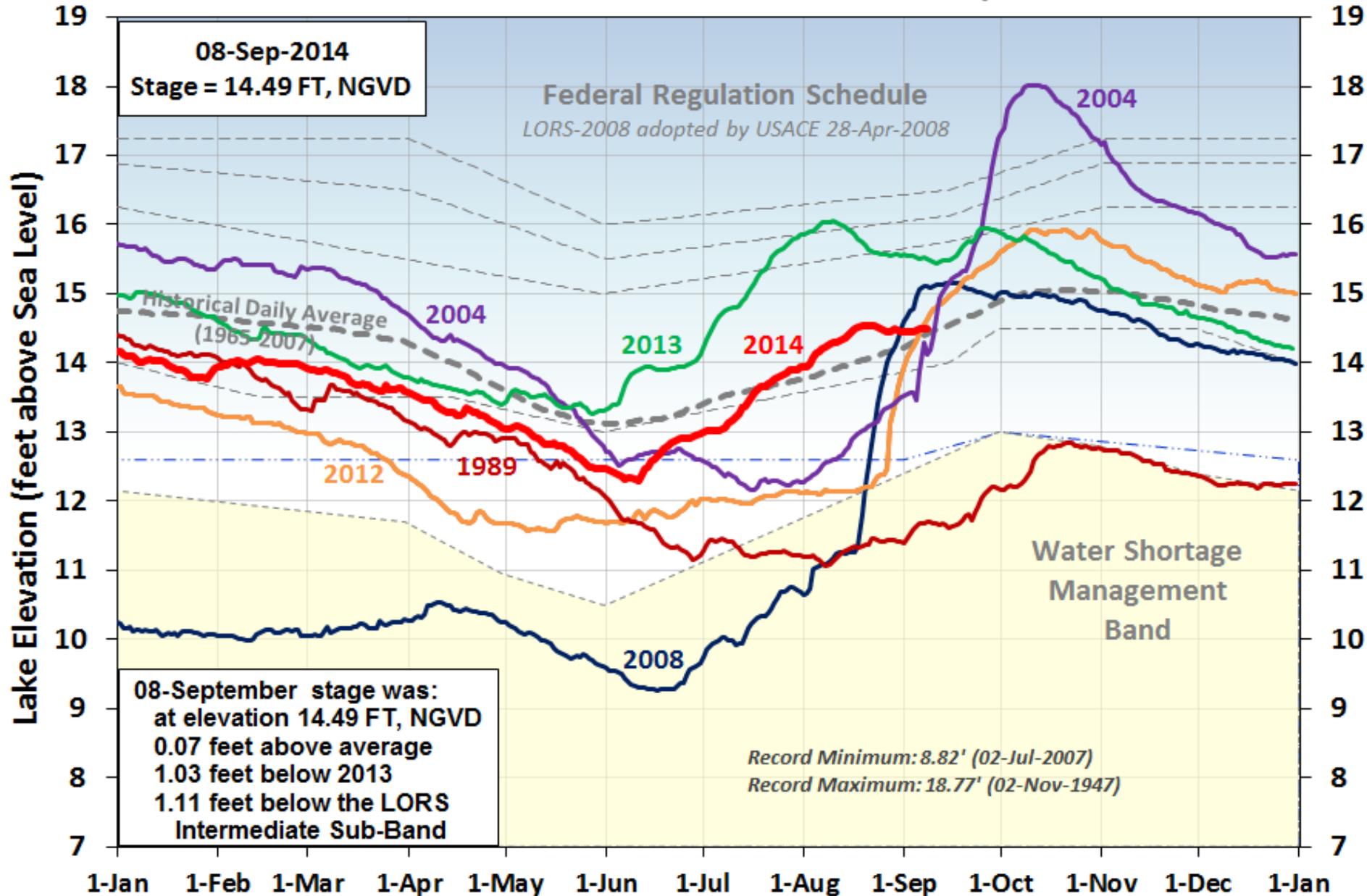
Maximum practicable Lake O regulatory releases to WCAs through the STAs continue when capacity is available.

BCB area canals are currently in wet season operating criteria. Rainfall for August was average

Proactively moving water through the WCAs. Most going to ENP and some to coastal canals. Flow resumed to NESRS on Aug. 22.

Typical wet season discharge to tide from the Lower East Coast developed area

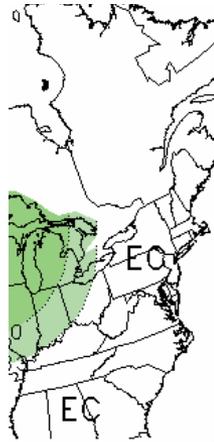
Lake Okeechobee Water Level Comparison



U. S. Seasonal Precipitation Outlook

National Climate Prediction Center (CPC)

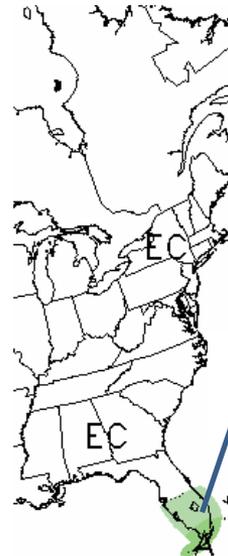
Sep 2014



33%

Posted 31-Aug-2014

Sep-Nov 2014



37-40%

Posted 21-Aug-2014

Nov 2013 – Jan 2014



33-37%

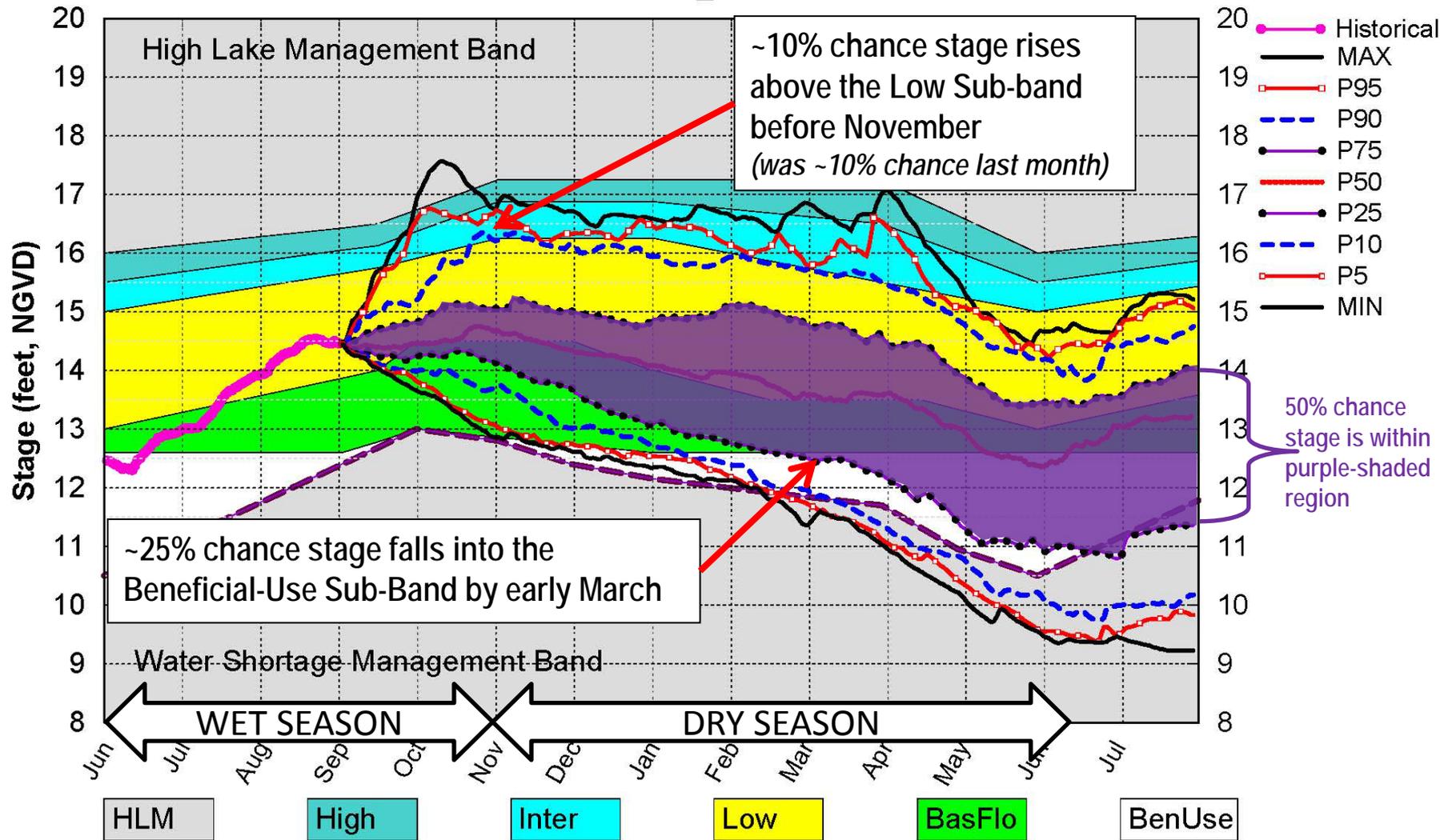
Posted 21-Aug-2014

The most-recent CPC precipitation outlooks for central & southern Florida indicate:

- Equal Chances (EC) for Above-Normal (A), Normal, and Below-Normal (B) rainfall for September
- Increased chances for Above-normal (A) rainfall for all 3-month windows starting with September and ending with April 2015.

Lake Okeechobee SFWMM September 1, 2014 Dynamic Position Analysis

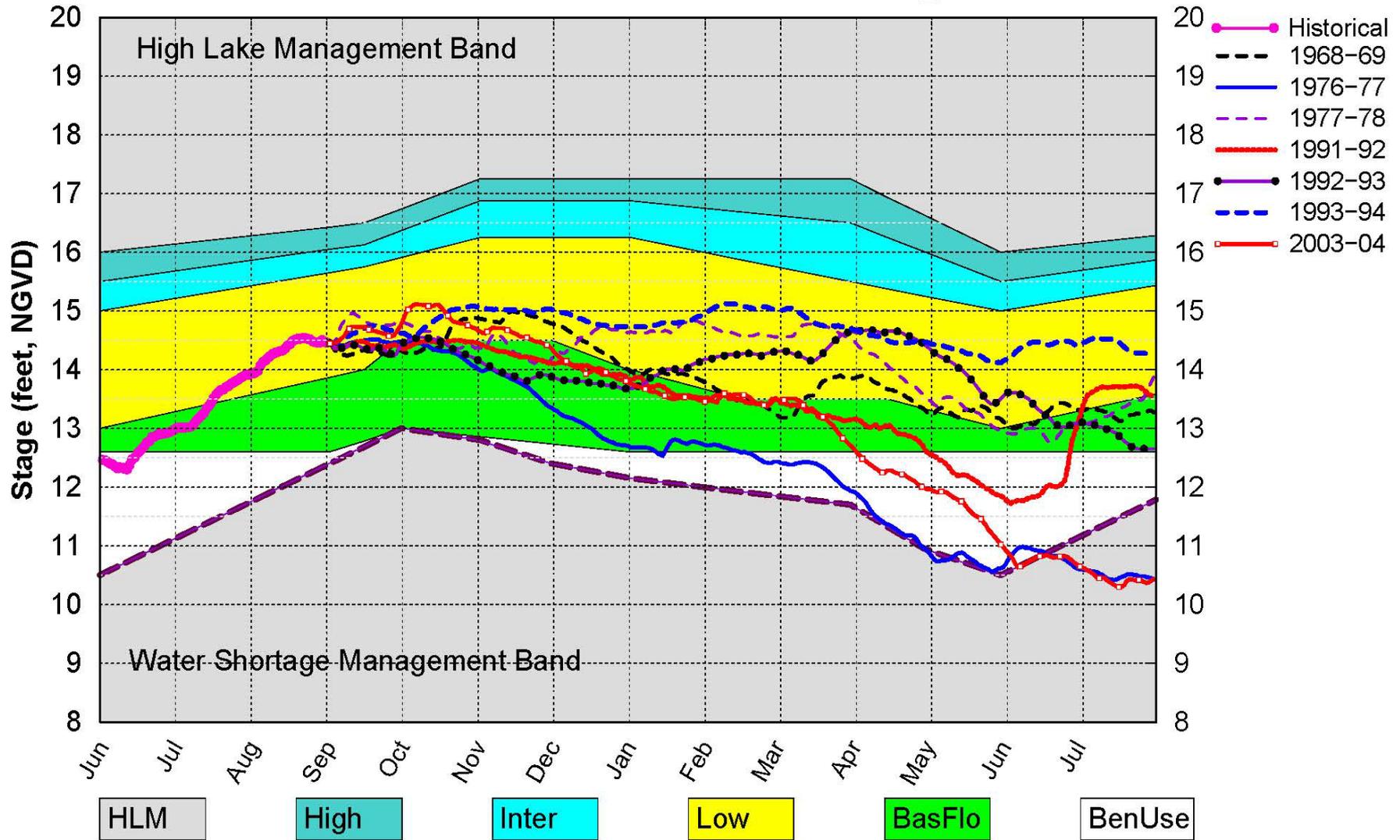
Percentiles based on 41 possible outcomes starting with August 1st initialization



(See assumptions on the Position Analysis Results website)

Lake Okeechobee SFWMM Sep 1, 2014 Dynamic Position Analysis

Positive Neutral ENSO / Weak El Nino Years Plot PA_DPA6



(See assumptions on the Position Analysis Results website)

Questions?



A1 FEB Construction site of G721 - Aug 21 2014