

Investigation of Operational Flexibility in the 2008 Lake Okeechobee Regulation Schedule

SFWMD Governing Board
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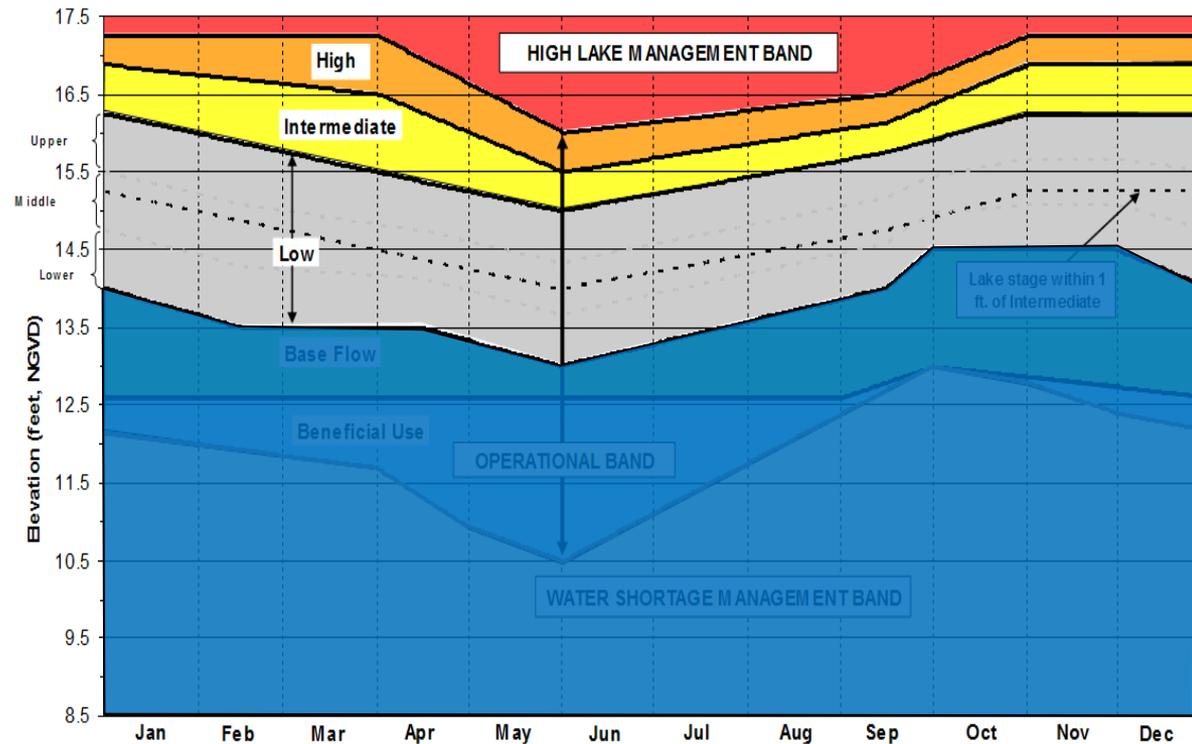
Reasons for Investigation

- 1. Investigate whether operational flexibility in the 2008 LORS can be used to improve performance of the multiple Lake Okeechobee management objectives**
- 2. Develop options for guidance associated with this investigation which will be used for SFWMD staff recommendations to the USACE**



Areas of Investigation

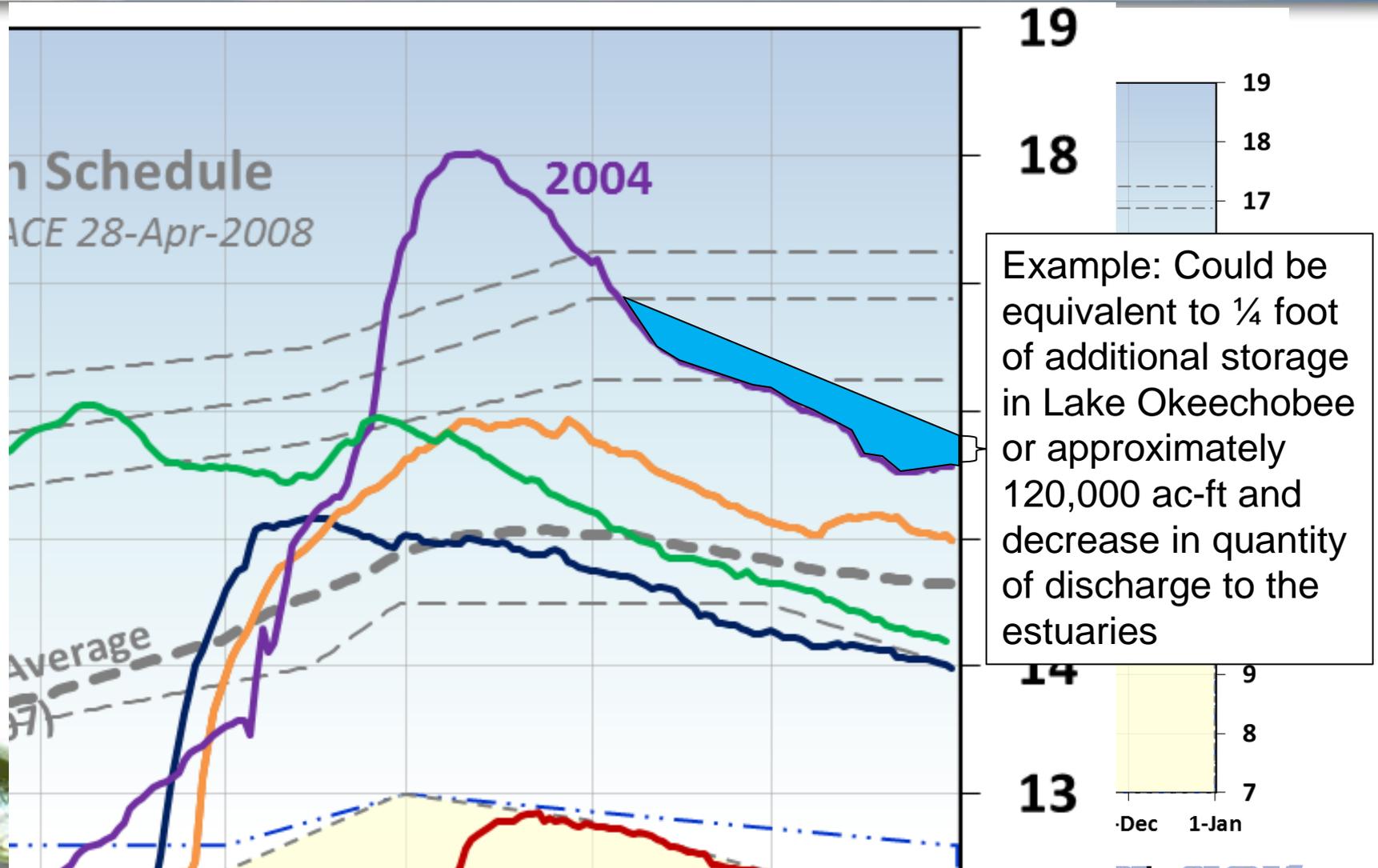
- Utilize 2008 LORS
- "Up to" discharge amounts
- "Make-up" Water Clause
- Time of year, falling water levels, etc...
- Investigate High, Intermediate & Low Subbands



To be consistent with...

- **The scope of 2008 LORS and the Biological Opinion**
 - Not a regulation schedule reevaluation
- **Existing Water Supply Components**
 - Water Shortage Plans
 - Minimum flows and levels
 - Consumptive Use program
- **Lake O Adaptive Protocols**
- **Current performance measures**
 - Estuaries
 - Lake Okeechobee
 - Water Supply
 - Water Quality

Example of Potential Outcome of Analysis

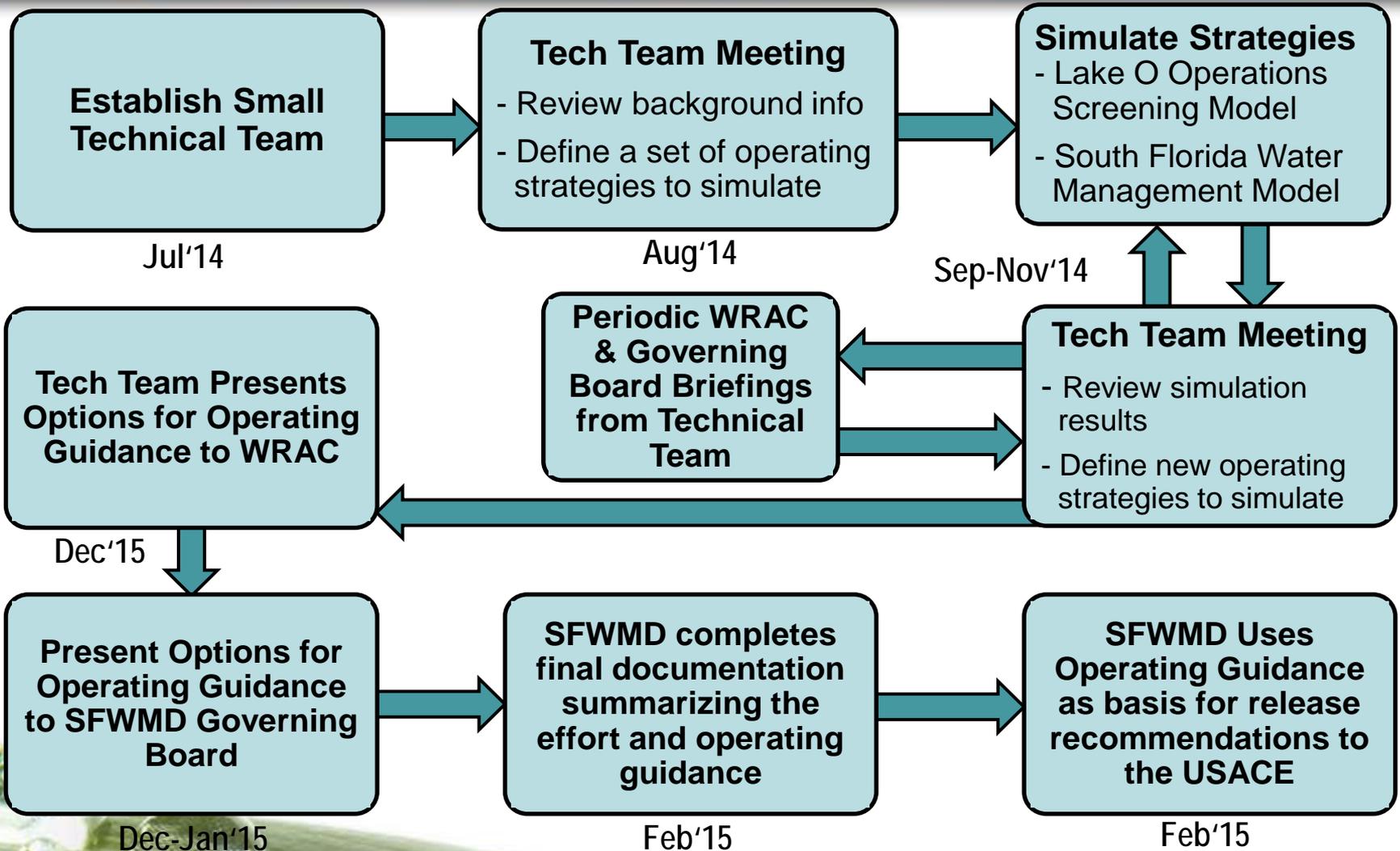


Goals

- To create a “larger” pot of water in the Lake during the early dry season for all users
- To assist in reduction of high flow discharges to the estuaries
- To make more informed recommendations to USACE



Process & Approximate Timeline



Potential Technical Team

- **Interdisciplinary SFWMD staff participants (~5-8)**
 - Water Resources, Operations, Engineers, Scientists, & Hydro Modelers
- **Stakeholder participants (~8-10)**
 - Representatives from St. Lucie and Caloosahatchee Estuaries, Lake Okeechobee, Agriculture, Northern & Southern Everglades
- **Provide technical briefings to WRAC and Governing Board periodically**

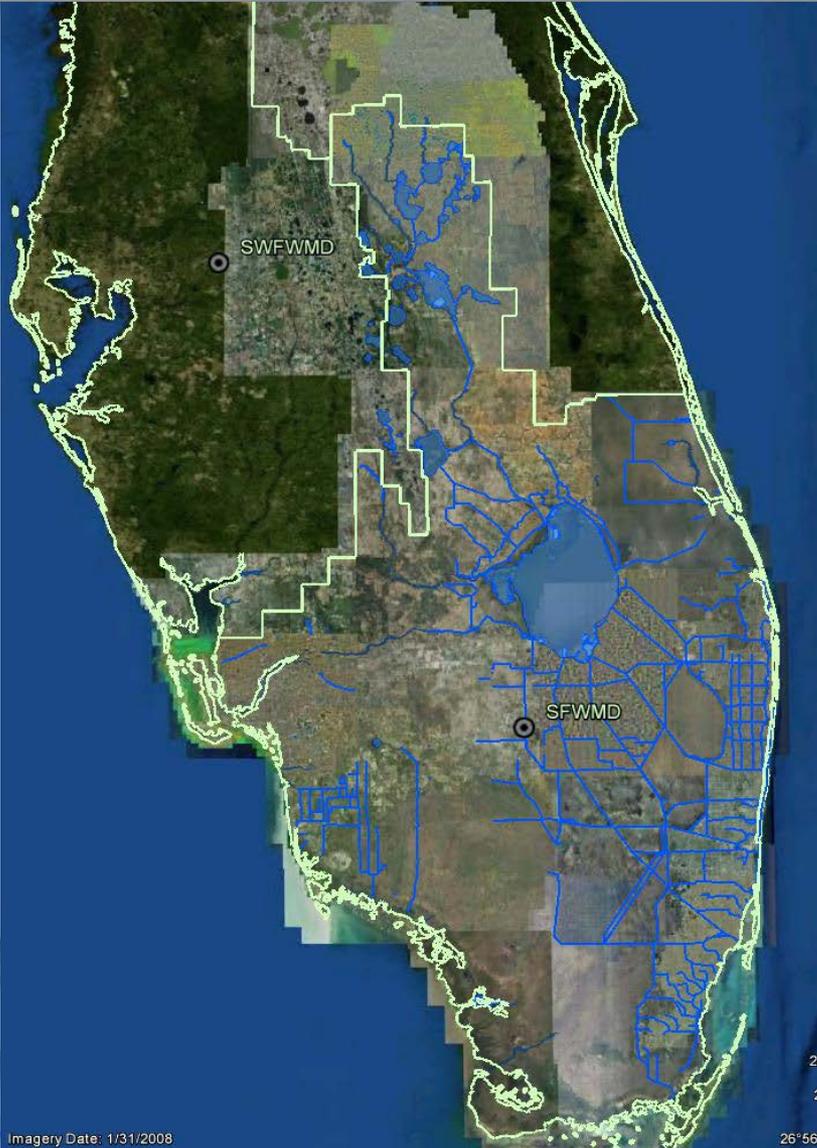


WRAC Discussion

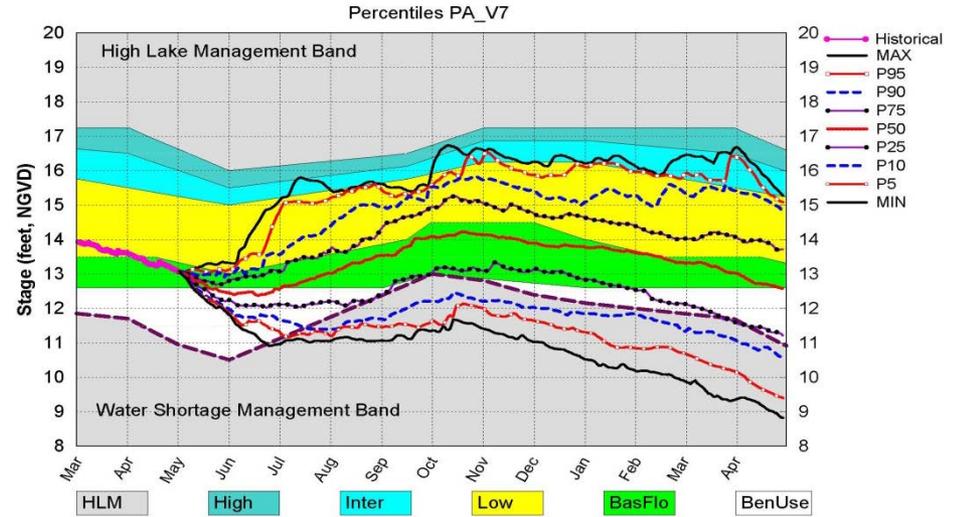
- **Diverse opinion on scope**
 - Re-look at adaptive protocols
 - Look at high subbands first
 - Documents are good and do not change
- **Technical Team**
 - Many Volunteers
 - Interest from Stakeholders, Local Government and Federal agencies
 - No clear consensus on size of team



Discussion



Lake Okeechobee SFWMM May 2014 Position Analysis



Mon May 5 14:10:37 2014

(See assumptions on the Position Analysis Results website)

Lake Okeechobee Water Level Comparison

