

Use of Climate Information in Tampa Bay Water Decision Support Tools

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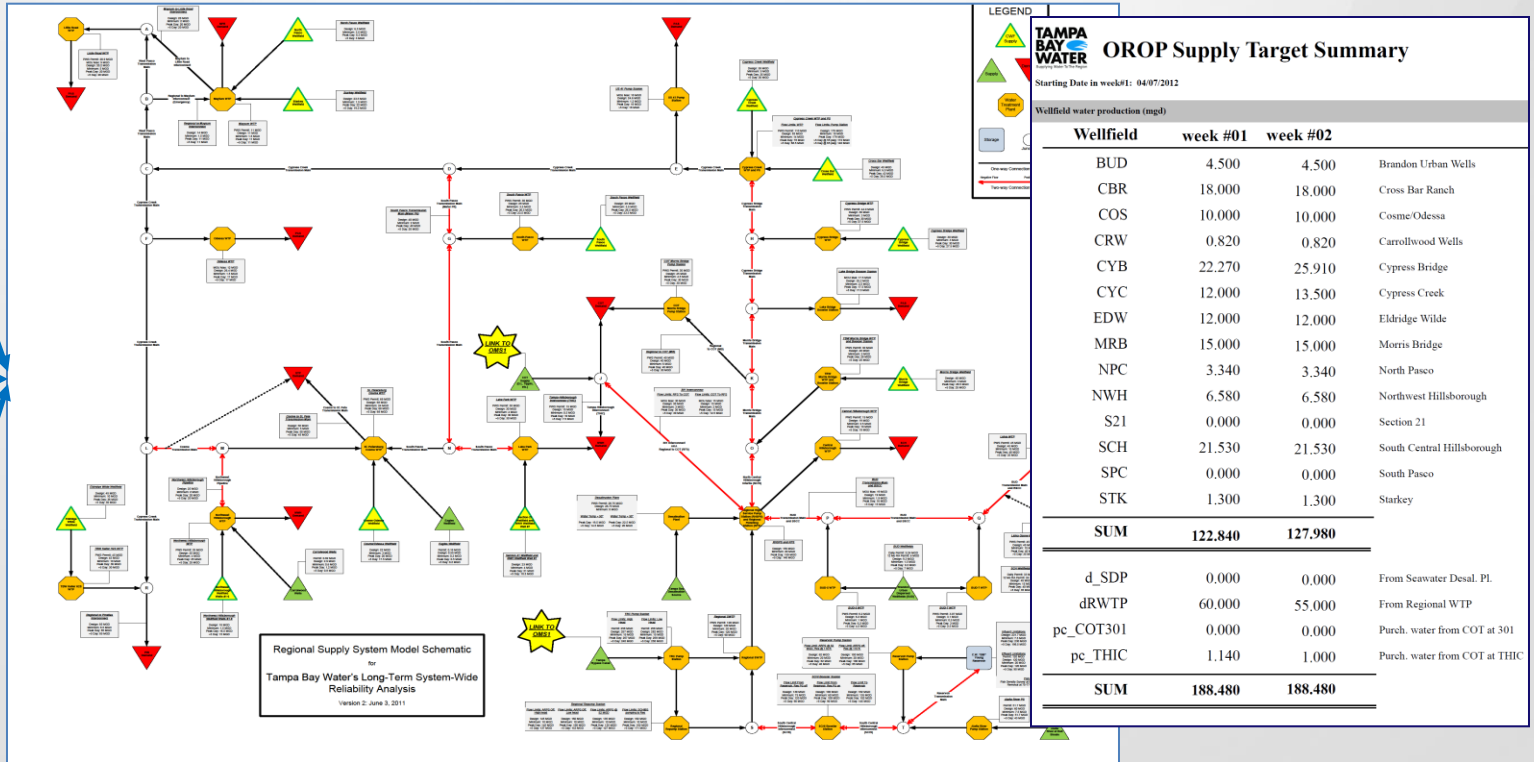
Orlando, FL

OROP: Optimized Regional Operational Plan (weekly scale, four weeks outlook)

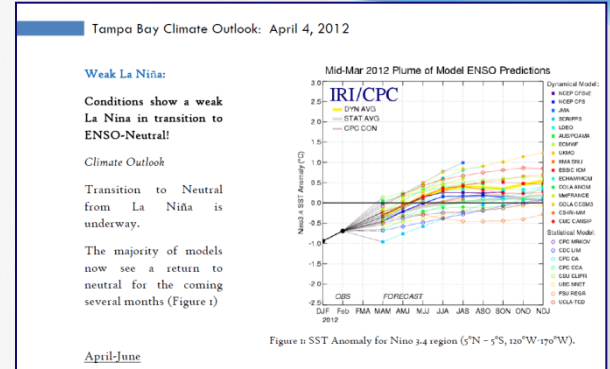
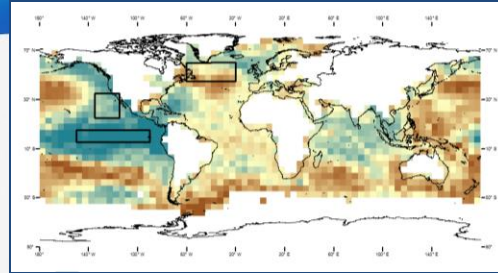
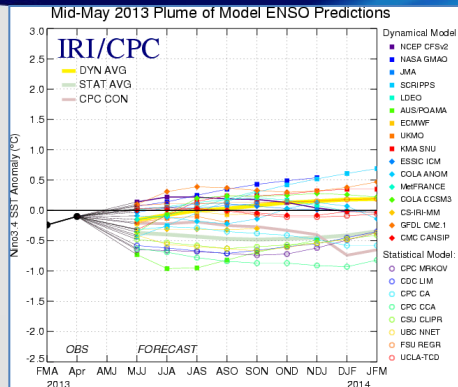
Supply Models
(Ensemble ANN)

Demand Models
(ARX)

Operating priorities & constraints



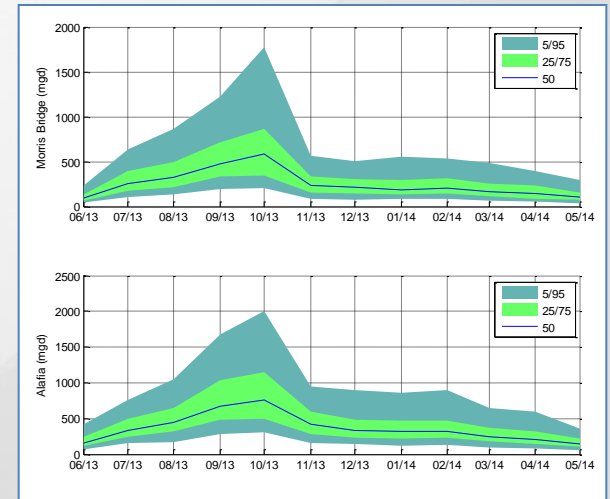
Tampa Bay Water Models: Seasonal Outlook



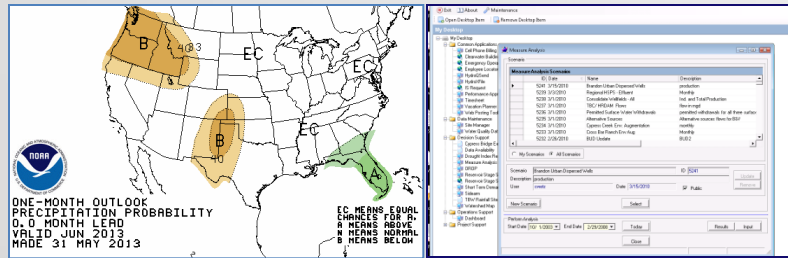
Climate Outlook & Observation

Contingency Table

Hidden Markov Rainfall Model



Rainfall/Runoff Model



Worried about Water? Tracking Climate Assures Supply

Worried about Water?
Tracking Climate Assures Supply

0:51 / 5:19

YouTube

The image shows a YouTube video player interface. At the top left, the video title "Worried about Water? Tracking Climate Assures Supply" is displayed. The main video area shows a scenic view of a river or stream with lush green trees and branches overhanging the water. A semi-transparent black box is overlaid on the video, containing the title "Worried about Water?" in large white font and "Tracking Climate Assures Supply" in smaller white font below it. At the bottom of the player, there is a progress bar with a white playhead at approximately 0:51 of a 5:19 duration. To the left of the progress bar are icons for play, volume, and a full-screen button. To the right are icons for closed captions, settings, a clock, the YouTube logo, and a share button.