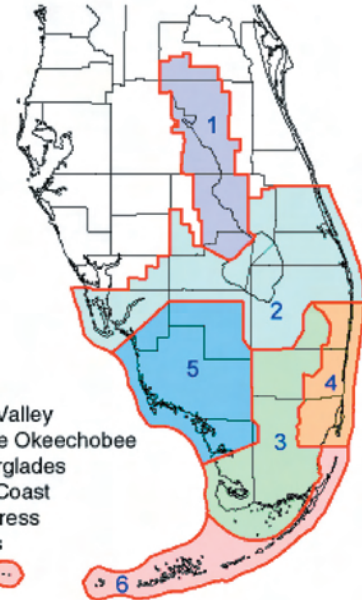


# BASELINE HYDROLOGIC DATA DEVELOPMENT



7/07/2006

## SCIENCE & ENGINEERING SUPPORT FOR SOUTH FLORIDA WATER MANAGEMENT DISTRICT



- 1. Kissimmee Valley
- 2. Greater Lake Okeechobee
- 3. Central Everglades
- 4. South East Coast
- 5. SW Big Cypress
- 6. Florida Keys

### PROJECT GOALS

Sutron Engineers support the development of a baseline hydrologic data series for hydrologic modeling.

Sutron...

- analyzes hydrologic/hydraulic systems through application of modeling tools;
- performs hydrologic mass balance analysis;
- performs temporal and spatial statistical analyses of hydro-meteorologic data;
- evaluates hydro-meteorologic parameter measurements
- fills missing data; and
- resolves complex hydro-meteorologic and hydraulic problems.

### DATA TYPES

Rainfall, evaporation, water levels (stage), water control structure (gate & pump) operations, groundwater elevations and flow

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DATE: September 2005

### PROJECT DESCRIPTION

The Hydrology and Hydraulics Division of the Environmental Monitoring Assessment (EMA) Department for SWFMD is responsible for collection, validation, and archival of the District's hydrologic data for historical purposes. Planners, scientists, and engineers use this data in models and decision-making to support the District's mission.

SUTRON