

MIAMI RIVER STAGE MONITORING GAGE INSTALLATION



7/07/2006

MIAMI RIVER STAGE MONITORING SITE INSTALLATION



PROJECT TASKS

- Construct, install and make operational two stand alone staff gages and four solar-powered Remote Terminal Units (RTUs) for stage monitoring (based on the Campbell Scientific CR10X Measurement & Control Module).
- Each RTU along with one stilling well and stage sensors were installed at each of four locations.
- The staff gages were installed at two locations in clear plastic pipes to still water, along existing seawalls or marina piers.

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DATE: June-July 2003

The South Florida Water Management District (SFWMD) Electronic Support and Data Acquisition Division (ESDA) maintains over 600 physical and environmental monitoring stations within its boundaries to satisfy the mandates and activities for flood control, regulations, research and planning. Flow monitoring and water budget studies are continuously ongoing.