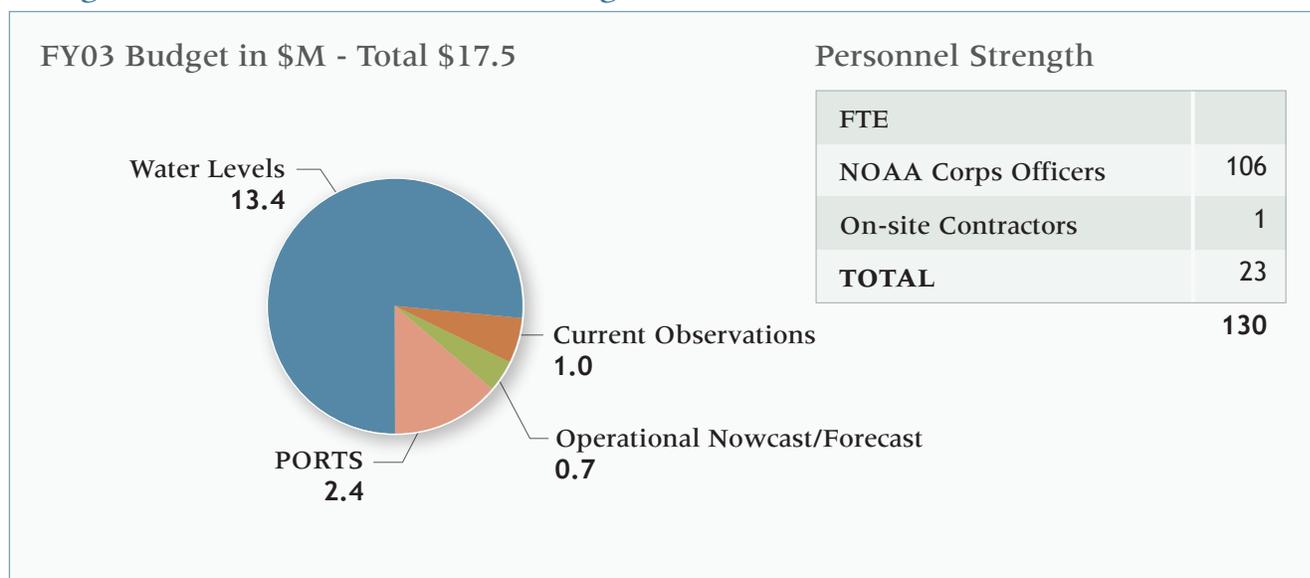


Center for Operational Oceanographic Products and Services

Mike Szabados, Director
Rich Edwing, Deputy Director

Budget and Total Personnel Strength



Organization

Requirements and Development Division

Thomas Mero, Chief

Field Operations Division

Michael O'Hargan, Chief

Products and Services Division

William Stoney, Chief

Information Systems Division

Thomas Bethem, Chief

Program Highlights

- **Physical Oceanographic Real-Time Systems (PORTS) are now operating** at 10 locations and support safe and efficient navigation at 37 U.S. seaports.
- **CO-OPS, in partnership with the international Great Lakes community,** makes available real-time water level and other sensor information via the Great Lakes Online Web site.
- **CO-OPS recently launched Sea Levels Online,** a Web site that provides information on the long-term trends and variations of relative mean sea level at 117 coastal water level stations.
- **In 2003, CO-OPS updated the 25-year National Tidal Datum Epoch** from the 1960-1978 epoch to the new 1983-2001 epoch.
- **In 2003, the Port of New York and New Jersey Operational Forecast System (NYOFS) became operational,** providing mariners in the area with forecasts and nowcasts of water levels and currents.
- **In 2003, CO-OPS established the St. Charles parish Water Level Monitoring System** to supplement existing water level stations in hurricane-prone Louisiana.