

Experimental Flows Status Update

Ted S. Melis

AMWG Meeting, January 28-29.
Phoenix AZ

Sediment Resources





Integrated Sediment Projects Started (current treatment)

- Intensive Monitoring of Fine-Sediment Mass Balance (USGS) above Phantom Ranch (predict 4x export of sand under non-enrichment conditions over ROD)
- Increased Frequency of Sand-Storage Surveys at Key Indicator Study Sites (FIST) (predict continued sand-bar erosion)



Integrated Sediment Projects Started

- **Advanced Conceptual Modeling Interface with Redds Distribution Study and Mortality Components (Ecometric Research and USGS)** (selection of bedload modeling and redds mapping sites underway, channel geometry data being prepared)
- **Initial Startup Phase of Aeolian Process Studies near Cultural Preservation Sites** (sedimentology trip planned for spring 2003)



Integrated Sediment Projects Planned for EHF

- **Planning** - for Beach-Drainage Erosion Studies Related to Ramping Rates Following Experimental High Flow (when implemented)
- **Planning** - for Sand-Bar Cohesion Studies Following EHF (when implemented)



Advanced Notice of Paria River Sand Inputs

- **Paria River** – New Sediment and Flow Monitoring Station at HWY 89 Bridge Now Operational (w/ web camera), plus improvement to Lees Ferry Station

