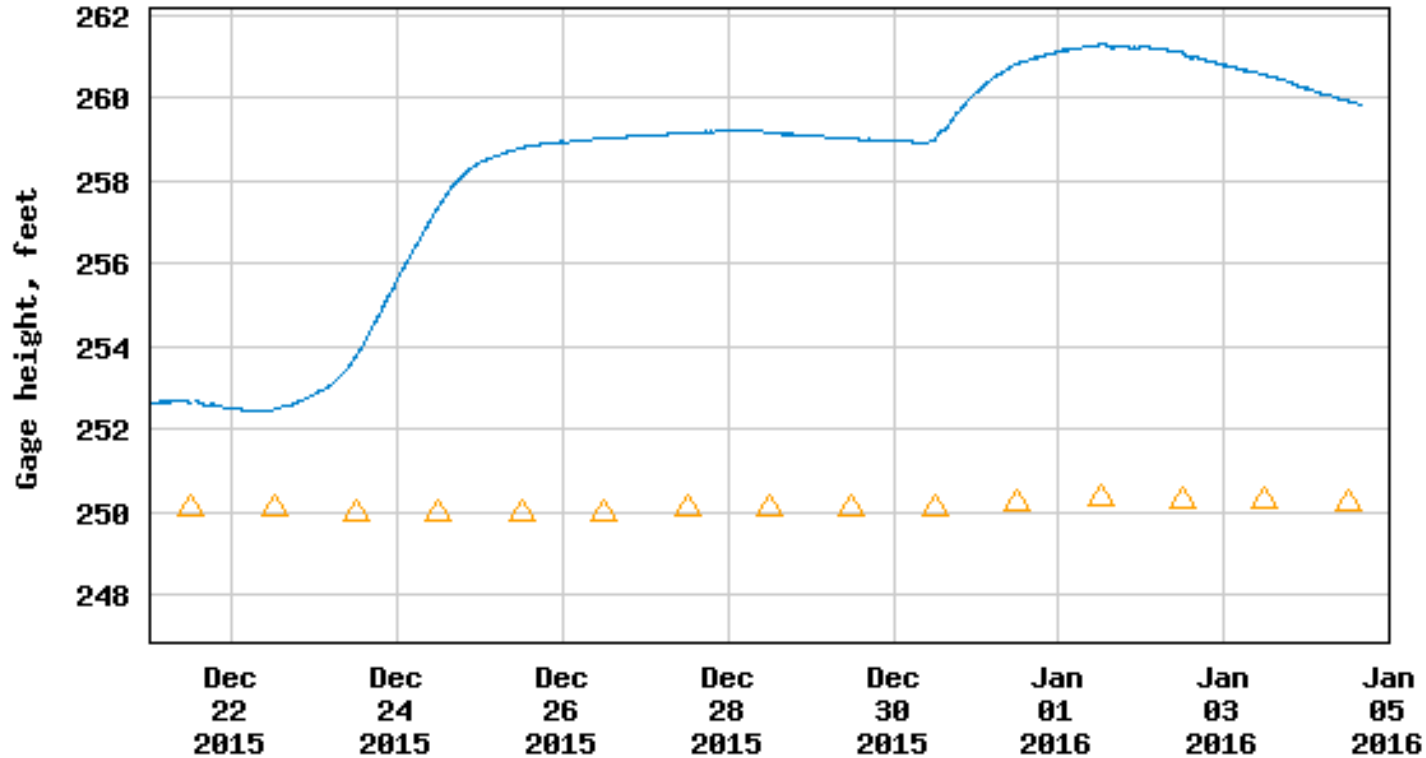


UNRBA
Monitoring Program
PFC Meeting
January 2016



Happy Holidays from Falls Lake

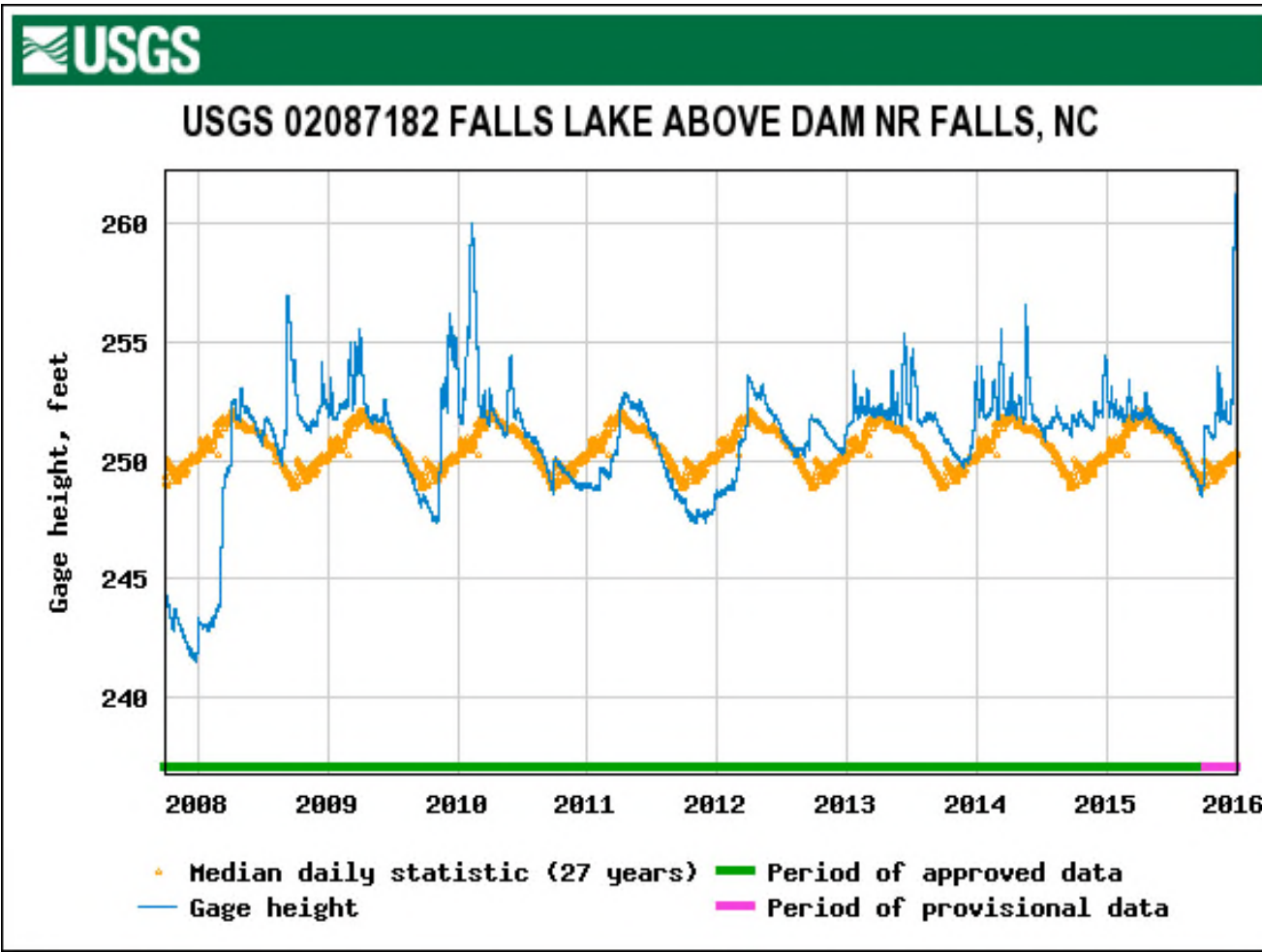
USGS 02087182 FALLS LAKE ABOVE DAM NR FALLS, NC



----- Provisional Data Subject to Revision -----

△ Median daily statistic (27 years) — Gage height

Happy Holidays from Falls Lake





Happy Holidays from Falls Lake





Happy Holidays from Falls Lake



Project Update





FY 2016 Routine Monitoring

- Proceeding Smoothly
 - 18 Lake Loading stations
 - 20 Jurisdictional Boundary stations
 - 12 In-Lake stations (DWR sampling)
 - Monitoring data through November 2015 posted to the online database
 - Accessible through UNRBA website



Routine Monitoring - Data Collection Status

Date	Sample Collection	Sample Analysis	Data Review	Posted to Database
Aug-2014	✓	✓	✓	✓
Sep-2014	✓	✓	✓	✓
Oct-2014	✓	✓	✓	✓
Nov-2014	✓	✓	✓	✓
Dec-2014	✓	✓	✓	✓
Jan-2015	✓	✓	✓	✓
Feb-2015	✓	✓	✓	✓
Mar-2015	✓	✓	✓	✓
Apr-2015	✓	✓	✓	✓
May-2015	✓	✓	✓	✓
Jun-2015	✓	✓	✓	✓
Jul-2015	✓	✓	✓	✓
Aug-2015	✓	✓	✓	✓
Sep-2015	✓	✓	✓	✓
Oct-2015	✓	✓	✓	✓
Nov-2015	✓	✓	✓	✓
Dec-2015	✓			



FY 2016 Special Studies

- Sediment Evaluation [Study Plan posted on UNRBA website](#)
 - Sediment samples being analyzed this week
 - Draft report anticipated from Dr. Alperin in a few weeks
- High Flow Sampling [Study Plan posted on UNRBA website](#)
 - Two remaining events planned this fiscal year
- Obtain Light Penetration Data [Study Plan posted on UNRBA website](#)
 - Evaluating historic and recent data to determine whether additional data are needed for modeling, and how much
- Storm Event Sampling [Study Plan posted on UNRBA website](#)
 - Analyzing data from September/October event
 - Results to be provided in Annual Report in April



FY 2016 Special Studies

- Lake Constriction Point Study Study Plan to be posted soon
 - Planning to initiate first of two sampling events this week
 - Second event targeted for spring
- Basic Evaluation of Model Performance Study Plan to be posted soon
- Recreational Uses Evaluation Study Plan to be posted soon
 - Data acquisition just initiated
 - Results expected to be provided in Annual Report

