



UNRBA Monitoring
Program
PFC Meeting
March 3, 2015



March 3, 2015

Update on the Monitoring Program

UNRBA Monitoring Data





Monitoring Program Updates

- November Data at Lake Loading and Jurisdictional Stations
 - Data Summaries (handouts)
 - QA/QC Review
- DWR monitoring of Falls Lake for the new parameters and additional Station
- UNRBA Database Update
- High flow monitoring conducted at 8 stations in February

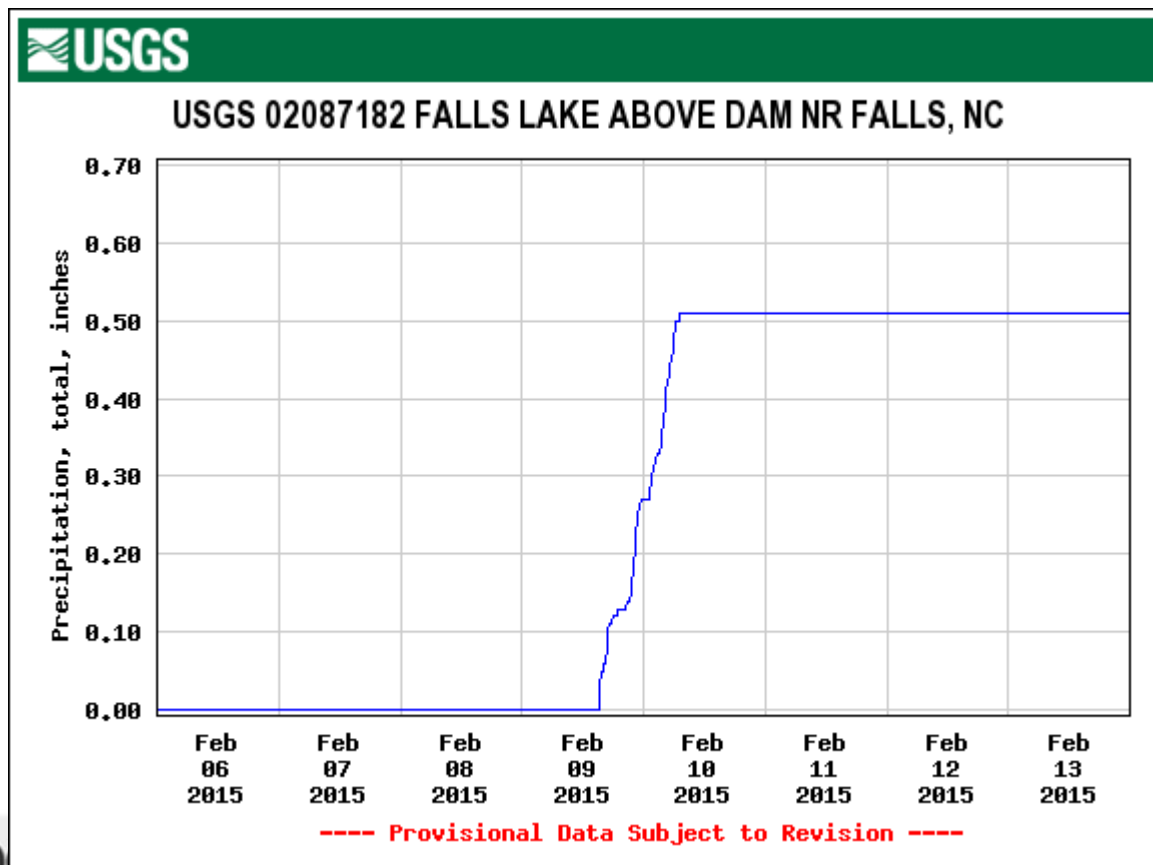


Monitoring Program Updates

- High flow monitoring
 - Samples conducted at 8 stations on February 10th
 - The area received approximately 0.5 inches of rain within slightly less than 24 hours
 - Samples collected during rising limb of storm and near flow peak
 - Downstream flow was present at all stations
 - Falls Lake elevation did not peak until the following day
 - Sample collection included full suite of parameters collected at lake loading stations

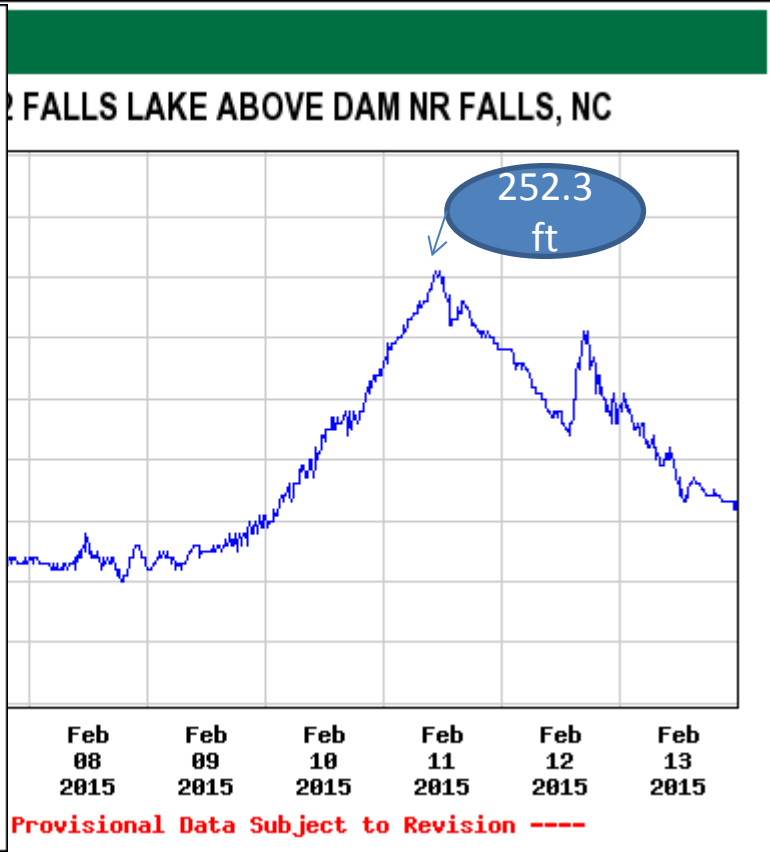
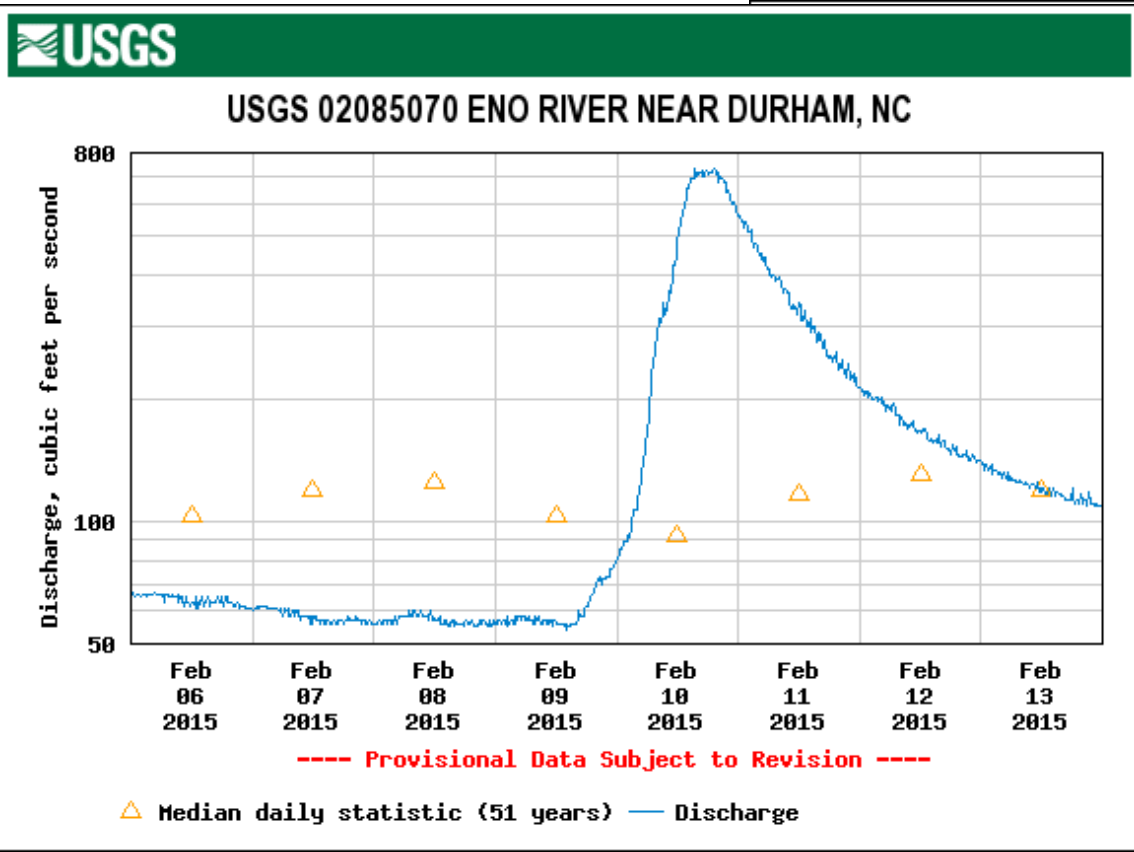


Monitoring Program Updates





High Flow Sampling – February 10, 2015





Monitoring Program Updates

- **Stormwater Monitoring**
 - Draft sampling protocols developed
 - Trained 14 Raleigh staff in sampling protocols
 - Have rotating on call staff available for stormwater sampling
 - All equipment has been received including the telemetry unit which will be used for triggering sample collection at Ellerbe Creek site



Stormwater Sampling



UNRBA Database

March 2015 Update



February Database Updates

- Guidance document available online that describes data access, summary, and retrieval options
- Copy of guidance document sent to PFC on February 11
- 12 people have created usernames and passwords
- Some bugs and broken links were identified by initial users and these have been fixed
- Please spend some time this month reviewing the site and guidance document to give Cardno feedback by 3/16/2015