



ESPAM

Model Validation

2009-2010

ESHMC Meeting

April 16, 2012

Presented by Stacey Taylor

Model Validation Files Complete

- Complete--at least for now!
- First set of model validation files were available early March
- Due to some oddities, more QC was completed by IDWR and IWRRI to search for inconsistencies/anomalies
- Some corrections were made and currently the most up-to-date files are found at:

http://www.idwr.idaho.gov/Browse/WaterInfo/ESpam/model_files/Version_2.0_Development/Current_Data/Validation/2009_2010/

DIVERSIONS for the Model Validation Period: Where are the Averages at?

- IESW032:** (North Side) – Data not yet available X-Waste. This data has not yet been received by IDWR from the watermaster. X-Waste is also used for IESW059.
- IESW040:** (Southwest Irrigation District) – Still unable to acquire the 2009-2010 data from the SW Irr. District as requested.
- IESW057:** (BIA) – This entity is missing canal data for multiple canals for the years 2009-2010. Review of this area to be completed in the future to review the canals necessary for estimation of the diversions.

DIVERSIONS for the Model Validation Period: Where are the Averages at?

- IESW058:** (Milner Gooding) – No 2010 data for Watermaster #53 Milner Gooding; this data also used for IESW059.
- IESW059:** (Big and Little Wood) – This entity does not have data available for 2010 Watermaster #10 near Richfield, Watermaster #53 Milner Gooding, and X-Waste. These data have not yet been provided to IDWR by the watermaster. Dry Creek and Thorn Creek are also used in the calculation of diversions for this complex entity and averages are used for 2009-2010 (gage data not available).

2009-2010 Model Validation Period

- Originally, the period was intended to be for all of 2009-2010 (up to Stress Period 368 = December 2010)
- May need to end in September 2010 (Stress Period 365) due to October 2010 being the beginning of a new water year (Water Year 2011) ??