



ESPAM Model Validation Data Collection Progress

ESHMC Meeting

February 27, 2012

Presented by Stacey Taylor

Water Budget Files Progress

TOTAL DIVERSIONS (DIV file)

- IESW032 (North Side)
 - Still do not have data for the X-Waste for 2010
- IESW037 (Reno)
 - Thanks Chuck Brockway! (we received the rest of the data)
- IESW040 (Southwest)
 - Tim Luke of IDWR is working with the Southwest Canal Company clerk to get monthly data

Water Budget Files Progress (cont)

ET Investigation

- Explored use of AgriMet for 2009-2010
 - Presented results to IDWR
 - AgriMet ET data was less than satisfactory in comparison to ET-Idaho data
 - Sent along presentation of results to Rick Allen
 - Big thanks to Rick Allen for taking the time to put together ET-Idaho data for 2009-2010!
 - Received *.dat files, currently still processing; some months from NWS were missing-plan to replace with AgriMet stations ALSO processed by Rick Allen

Water Budget Files Progress (cont)

ET ON IRRIGATED LANDS (ETI file)

- More crop mix data acquired that wasn't available in the 2011 Idaho Ag Statistics booklet (discovered USDA-NASS website for Quick Stats 1.0 which has some more recent data)
- Awaiting ET depths from the newly acquired ET data

NON-IRRIGATED RECHARGE (NIR file)

- Bryce updated some applications that are used to process non-irrigated recharge data (Thanks Bryce!)
- This process is complete and NIR file has been made

FIXED POINT PUMPING (FPT file)

- Calculations for wetlands awaiting ET data

Water Budget Files Progress (cont)

OFFSITE PUMPING (OFF file)

- Awaiting ET data

PRECIPITATION (PRE file)

- Completed using v1.2 of ESPAM Recharge Tools (includes fixes for the “snapping” issue)

Summary of Tasks to Complete

1. Finish summarizing ET data and replace missing months with AgriMet ET depths (or NWS stations, whichever is more appropriate) for comparable crops
2. This will be followed by completing the data for files associated with ET (ETI, FPT, OFF).
3. Final step: Create remaining files using the ESPAM Recharge Tools v1.2 (I've already created several of the files)