Well, make that 99.8% sure. I re-ran the COS and PA. Results are almost identical. The differences appear to be somewhat random, so I don't think we're missing logic or input data. I ascribe the generally minute differences to using a different machine with possibly a different version of DWR's WRIMS2 package which in turn could mean a different solver. The few months with bigger differences for a few parameters appear to be cases of a threshold triggering in one month instead of the next. I didn't see any differences when looking at several line charts. I only know there are differences because I also compare values month by year. I don't think it's worth chasing down, but if you want to then we should ask Steve Micko what WRIMS2 package and solver they used.
Derek

Derek Hilts M.S., P.E.
US Fish and Wildlife Service
650 Capitol Mall Room 8-300
Sacramento, California   95814
Work desk phone 916.930.5633

On Thu, Feb 28, 2019 at 7:34 AM Hilts, Derek <derek_hilts@fws.gov> wrote:
Hi Cathy,
All the CalSimII modeling files (*.wresl, *.table and *.DSS) appear to be in the zip for the three runs. I will re-run the studies to make 100% sure.
Derek

Derek Hilts M.S., P.E.
US Fish and Wildlife Service
650 Capitol Mall Room 8-300
Sacramento, California   95814
Work desk phone 916.930.5633

On Wed, Feb 27, 2019 at 3:47 PM Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov> wrote:
Hi Derek --

I saved the .zip file that Steve sent here. You should be able to download it -- Catherine didn't have any issues with this method last week or so when we were getting the DSM2 files.

Please double check that this has the .wresl and .table files as Steve claims. I'm downloading and juggling a few things so not able to unzip and look right now (looks like there are a few .7z files). Lemme know how it looks!

Thanks!
Cathy

---------- Forwarded message ---------
From: **Micko, Steve/SAC** <Steve.Micko@jacobs.com>
Date: Wed, Feb 27, 2019 at 11:02 AM
Subject: RE: [EXTERNAL] CalSim Input Files
To: Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov>
Cc: Harrison, Katrina E <kharrison@usbr.gov>, Leaf, Rob/SAC <Rob.Leaf@jacobs.com>,
Derek_Hilts@fws.gov <Derek_Hilts@fws.gov>

Cathy,

Thank you! I sent the CalSim II studies containing the *.wresl and *.table files, input hydrology (2020D09ESV.dss in *common/DSS* directory), and output file (2020D09EDV_sp.dss in *CONV/DSS* directory) via Jacobs FTP. Please confirm you received these files.

Yes, the CalSim II output files were already transmitted with the HEC-5Q file bundles.

Thank you,

Steve

From: Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov>
Sent: Wednesday, February 27, 2019 10:47 AM
To: Micko, Steve/SAC <Steve.Micko@jacobs.com>
Cc: Harrison, Katrina E <kharrison@usbr.gov>; Leaf, Rob/SAC <Rob.Leaf@jacobs.com>;
Derek_Hilts@fws.gov
Subject: Re: [EXTERNAL] CalSim Input Files

Hi Steve --

Regarding your questions, please see the bold below.

- CalSim II studies – containing all CalSim model data for WOA, COS, and PA. **Yes, and we expect that this would also contain the *.wresl and *.table files.**
- CalSim II input hydrology – a single DSS file per scenario. **Yes, and we assume that this would be contained in a package called "the model" or "the modeling".**

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- CalSim II output files – a single DSS file per scenario. **We do want this, but have noticed that it was already transmitted with the HEC-5Q file bundles. If you can confirm that, then there's no need to transmit this again.**
- Or, DSM2 boundary conditions – a DSS file containing processed CalSim data for use with DSM2. **I don't think that we need this right now, or it was already included in the DSM2 data transmission.**

Let me know if this helps. Thanks!

Cathy

On Tue, Feb 26, 2019 at 3:59 PM Micko, Steve/SAC <Steve.Micko@jacobs.com> wrote:

Hi Cathy,

I would like to make sure I provide the correct data. Could you please specify if you would like any (or a mix) of the following:

- CalSim II studies – containing all CalSim model data for WOA, COS, and PA
- CalSim II input hydrology – a single DSS file per scenario
- CalSim II output files – a single DSS file per scenario
- Or, DSM2 boundary conditions – a DSS file containing processed CalSim data for use with DSM2

Thank you,

Steve

From: Harrison, Katrina <kharrison@usbr.gov>
Sent: Tuesday, February 26, 2019 3:54 PM
To: Micko, Steve/SAC <Steve.Micko@jacobs.com>; Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov>
Subject: [EXTERNAL] CalSim Input Files

Hi Steve -

Can you please get Cathy the CalSim input files? I guess that wasn't in our earlier transmissions? Cathy - do you want the hydrology files?

Thank you,

Katrina Harrison

Bay-Delta Office

Bureau of Reclamation

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