
From: Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov>
Sent: Thursday, April 11, 2019 1:06 PM
To: Cathy Marcinkevage
Cc: Howard.Brown; Garwin Yip - NOAA Federal
Subject: Fwd: [EXTERNAL] Re: ROC on LTO BA Map Help
Attachments: Maps_4.9.19_Trinity_Sacramento.pdf; Maps_4.9.19_Overview.pdf; Maps_4.9.19_Feather.pdf; Maps_4.9.19_American.pdf; Maps_4.9.19_Stanislaus.pdf

Cathy -- We just got the final maps. These can be used as the Division maps AND have all the relevant flow/temp output modeling locations (I assume -- haven't checked them all but the Stan map looks good). Seems like you've been the distributor of modeling stuff so sharing with you for distribution to Division leads when appropriate.

----- Forwarded message -----

From: Westbrook, Mark <mwestbrook@usbr.gov>
Date: Thu, Apr 11, 2019 at 12:10 PM
Subject: Re: [EXTERNAL] Re: ROC on LTO BA Map Help
To: Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov>
Cc: Nelson, Benjamin <bcnelson@usbr.gov>

Hey Barb,

Sounds good, it wasn't too hard to make the changes, I've attached the files as PDFs. Let me know if you have any edits.

Thanks!

On Tue, Apr 9, 2019 at 5:53 PM Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov> wrote:
Thanks! By COB Thursday is great, but next Monday is also fine (since we know where everything is, just need to get fully labeled maps in our effects sections for the final BiOp! ;-))

On Tue, Apr 9, 2019 at 4:36 PM Westbrook, Mark <mwestbrook@usbr.gov> wrote:
Ok, sounds good. I'll get those to you by the end of Thursday since I won't be in tomorrow.

On Tue, Apr 9, 2019 at 4:34 PM Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov> wrote:
Yes, please! We want to drop in the maps at the start of each Division's Effects analysis.

On Tue, Apr 9, 2019 at 4:27 PM Westbrook, Mark <mwestbrook@usbr.gov> wrote:
Yeah I think you're right about that, I couldn't find a way to retain the basemap when converting to an SVG file so I used a PNG file instead. The PDF still has its limitations but I'm sure it'll be better than the pictures in the BA.

The attached PDF is an overview including the changes. Let me know if there is anything I'm missing. The one attached is a sample of a normal size PDF and I can quickly export the sections outlined by the grey

boxes, and on those maps I could label the temperature and DO compliance spots and hatcheries. Let me know if you want me to make this size map of the outlined areas.

On Tue, Apr 9, 2019 at 11:17 AM Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov> wrote:
Thanks, Mark. I wonder if the maps may have been inserted into the BA in a way that didn't preserve their resolution? We'll take what you've got. :-)

We were looking for maps with both temp **and flow** locations from the modeling.. though I recognize that many of the flow locations are at the dams (so already labeled) or at the confluence (so already obvious). We were thinking that you might be able to just add the locations to the corrected/high-res maps of action area by division -- we don't need separate maps necessarily.

Yup, no Temp results for the San Joaquin, so your list is good. Could you add the Vernalis flow location to the Stanislaus River map? Looks like it captures just enough of the SJR to include that location.

Thanks,
Barb

On Tue, Apr 9, 2019 at 9:57 AM Westbrook, Mark <mwestbrook@usbr.gov> wrote:
Hey Barb,

I'll start working on that now. For the resolution, I'm not sure I can actually make that any higher, I have the best quality selected for the export, though I do see that if you zoom in a bit, the basemap becomes pixelated. I'll see if there's anything else I can try, but I'll probably have to come back around to that after I make the corrections.

Just to clarify, for the Appendix D temperature divisions, you're referring to:
Sacramento-Trinity Rivers
American River
Stanislaus River
Feather River
I don't see San Joaquin on the part I found.

Sorry for the delay. I'll keep you posted.

-Mark

On Mon, Apr 8, 2019 at 5:49 PM Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov> wrote:
Mark -- Checking in on this map request that Katrina shared about a week ago. Is it possible to get those to us by the end of this week? It would be helpful to be able to replace our current placeholder maps with final maps during the revisions we expect to be doing next week.

Thanks,
Barb

On Fri, Mar 29, 2019 at 5:24 PM Harrison, Katrina <kharrison@usbr.gov> wrote:
Hi Mark -

We used your maps for Chapter 1 of the ROC on LTO BA. NMFS found some errors, below. Can you please correct these things and then send high resolution files to Barb at NMFS (cc'ed)?

- Figure 1-1 through 1-8 – Please send higher resolution files, if available, with corrections/additions to 1-3, 1-4, and 1-7 as noted below.
- Figure 1-3 – Please correct labeling of Whiskeytown Dam and Lewiston Dam (they are reversed)
- Figure 1-4 – Please correct “Lewiston Dam” to “Whiskeytown Dam”.
- Figure 1-7 – Please add locations/labels for Tulloch Dam and Goodwin Dam. Please change legend for red triangle to say “Temperature or dissolved oxygen compliance”, or give Ripon a new symbol with a legend description of “Dissolved oxygen compliance”

Also, would you be able to make maps, by Division, showing the locations of Modeled flow and temperature from Appendix D of the ROC on LTO BA? American River is the priority.

Thank you!!

Katrina Harrison
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Bureau of Reclamation
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