

**From:** Barbara Byrne - NOAA Federal  
**Sent:** Friday, May 3, 2019 11:57 AM  
**To:** Kristin Begun - NOAA Affiliate  
**Subject:** few things for Stan effects  
**Attachments:** USEPA 2003 - epa\_temperature\_guidance\_04-28-2003.pdf; SJR temp table for SH and SR\_no yellow.xlsx; 2.5 and 2.6 East Side Effects V5\_5.3.19\_parts for KB.docx; Deas et al 2004 (Panel Review) - Stanislaus\_Temperature\_Peer\_Review\_Final.pdf

These items are included in the "parts" document attached -- please review and transfer over to your master doc if helpful and you agree.

1. Sometimes some regular text got infected by the cation formatting Garwin added -- I think most "apparent duplicate captions" are really intended to be body text (and should stay in the document) but got mis-formatted. See example in the attached from about p. 67.
2. Garwin has a comment on Table 2.5.8-7 (p. 66 on the version I sent) about same life-stage timing but different criteria -- that's becuase EPA 2003 has a 64 degree criterion for "Salmon/Trout Migration plus non-core juvenile rearing" and a 68 degree criterion for "Salmon/Trout Migration". (See Table 3 on p. 25 of EPA 2003, attached).
3. For Table 2.5.8-8 and 2.5.8-12, please replace with the captions and updated tables in the attached. Changes to the captions show in track changes. I've included the excel file with the temp tables in case you need to re-paste or fix something.
4. Added a clarification to the SJR CH section.
5. Can you please try to sprinkle in some refs to SEP Group 2016 (attached to my earlier e-mail) and Deas et al 2004 (attached)?  
--Maybe early in the Stan section, you could say "A recent discussion of stressors in the Stanislaus River and potential effects is provided in SEP Group 2016."  
-- I think in the Stan section by the temp analysis, you could say something like: "Excellent discussions of temperature suitability for salmonids in this region, and summary and evaluation of water temperature conditions at finer temporal scales are provided in SEP Group 2016 and Deas et al 2004."  
--refer just to the Deas et al 2004 somewhere in the SJR section.
5. *Overall comment:* I added "Because the modeled monthly temperatures, averaged by water year type, will be lower than the maximum daily temperatures most relevant for evaluating 7DADM criteria, this analysis underestimates temperature-related impacts to CV spring-run Chinook salmon on the Stanislaus River." to all temp captions per a discussion I had with Garwin about how to address his "how do monthly temps crosswalk with 7DADM". So, please keep in that edit, and you can mark his comments as "DONE".

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