Information Requests for Effects Analysis

1. Maps from Chapter 1 of BA

- 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"

2. Maps for each Division showing modeled flow and temperature locations presented in Appendix D.

- Requesting maps, probably best by Division, that show the locations of modeled flow (Appendix D, Attachment 3-2) and temperature (Appendix D, Attachment 3-4).
 - o Some (but not all) of the locations are provided in the maps from Chapter 1 of the BA
 - o Please prioritize the modeling output map for the American River

3. Shasta

Please send corrected version of Figure 4-3 of BA (p. 4-29). My understanding is that one of the tier lines is missing from the original.

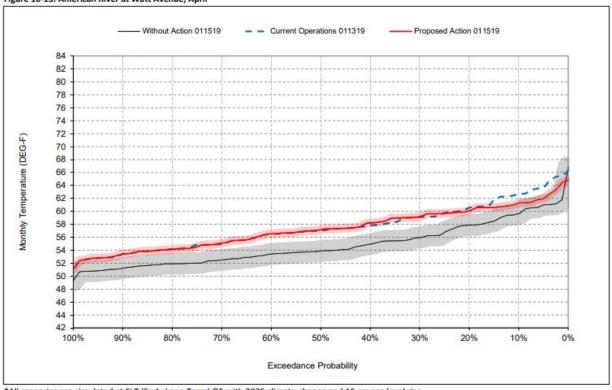
4. Delta

5. American River

See request #2 above for map showing locations of modeled flow and temperature.

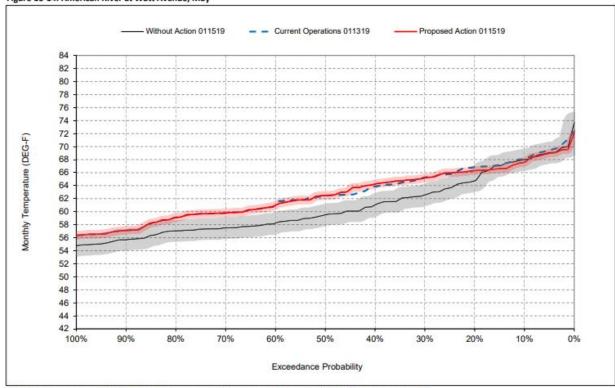
Please provide the following figures from the BA Appendix D with the Without Action scenario removed and the y-axis re-scaled to focus on the resultant range of temperatures in each figure (we don't need the scale up to 84 F when he warmest temperature is less than 70 F)

Figure 16-13. American River at Watt Avenue, April



^{*}All scenarios are simulated at ELT (Early Long-Term) Q5 with 2025 climate change and 15 cm sea level rise.

Figure 16-14. American River at Watt Avenue, May

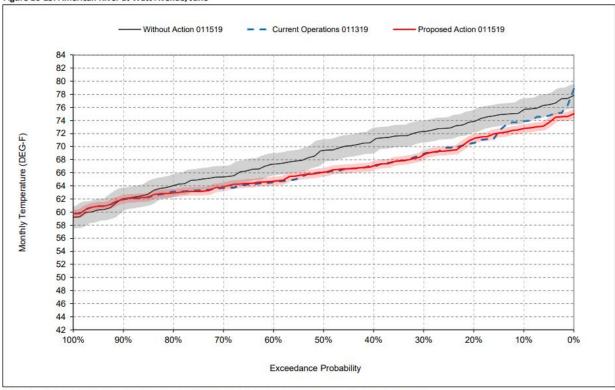


^{*}All scenarios are simulated at ELT (Early Long-Term) Q5 with 2025 climate change and 15 cm sea level rise.

^{*}These are draft results meant for qualitative analysis and are subject to revision.

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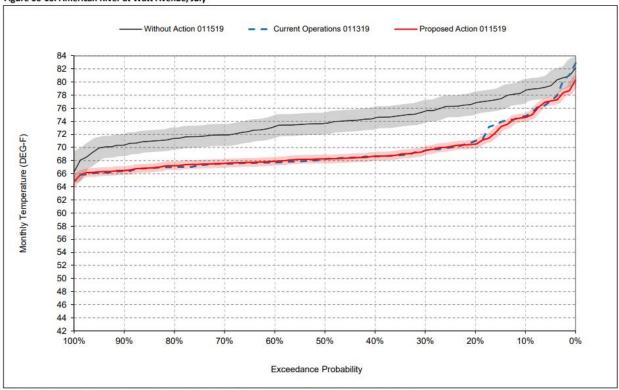
Figure 16-15. American River at Watt Avenue, June



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^{*}These are draft results meant for qualitative analysis and are subject to revision.

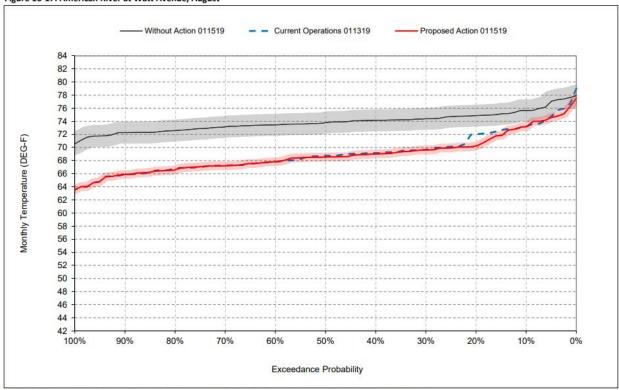
Figure 16-16. American River at Watt Avenue, July



^{*}All scenarios are simulated at ELT (Early Long-Term) Q5 with 2025 climate change and 15 cm sea level rise.

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Figure 16-17. American River at Watt Avenue, August



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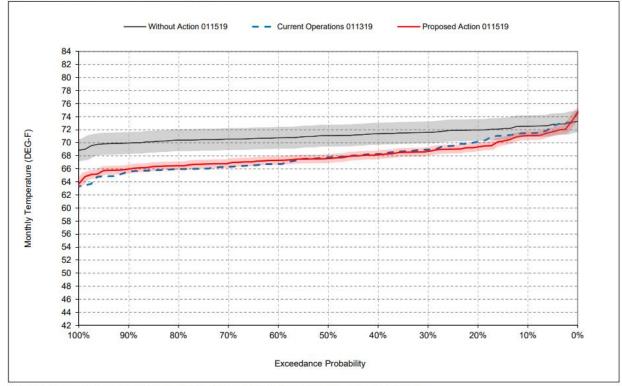


Figure 16-18. American River at Watt Avenue, September

6. Feather River

7. East Side (Stanislaus)

No additional Stanislaus needs at this time.

8. Other

9. Clear Creek:

The trend reporting Excel file for Hec5Q does not have Clear Crk blw Whisketyown, Clear Crk at Igo; or Clear Cr at Mouth. If we could get data that added to the spreadsheet, I can make my own graphs.

 $Reclamation_ROConLTO_Trend_Reporting_rev02cy_Temp_3sty_ELTQ5_HEC5Q_RECTEMP__WOA11_COS6_PA5(woVSA)_011519.xlsx$

^{*}All scenarios are simulated at ELT (Early Long-Term) Q5 with 2025 climate change and 15 cm sea level rise.

^{*}These are draft results meant for qualitative analysis and are subject to revision.