

## Cathy Marcinkevage - NOAA Federal

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**From:** Cathy Marcinkevage - NOAA Federal  
**Sent:** Thursday, May 2, 2019 12:10 PM  
**To:** Stephen Maurano - NOAA Federal  
**Subject:** American River Temperature Data Help  
**Attachments:** NMFS OCAP American River Water Temperature Revisions 4.5.19 (1).pdf

Stephen --

Brian and Joe have identified a need for some help in data visualization and analysis to support work they have done for the effects analysis for the ROC LTO for the American River.

Ultimately, they are looking for a good way to show how well the 65 F and 68 F daily average temperature (DAT) targets are achieved...or not.

We have some figures from Reclamation that show historical data; that is attached, and the data behind it are on the server at

S:\Data\_Tech\_Info\Historical\AmericanRiverTemData

Brian was also considering a table, something like the incomplete example in this google sheet (though he's not tied to this), to help show the ability or not to meet that temperature.

<https://docs.google.com/spreadsheets/d/1ktGgwgPLOTlhTvtYvCJom5n4EKhZdBzD3H-Z4icf2SM/edit?usp=sharing>

Can I throw you on this to work with Brian to help address this? He did suggest starting with the most recent years first as the last 10 years is likely a better representation of what is to come than what happened from say 2000 to 2009.

And, so you know, I don't see "figure making" as a primary go-to item for you to do long-term. I think this is a good way to dip in and we definitely can use the help in contributing, and you've shown to have a good eye for displaying info, which is critically important in this arena! But don't be worried that you're getting pegged for that role forever!

Let me know what you think --

Thanks!  
Cathy