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**From:** Miles Daniels - NOAA Affiliate <miles.daniels@noaa.gov>  
**Sent:** Tuesday, April 30, 2019 7:13 AM  
**To:** Cathy Marcinkevage - NOAA Federal  
**Cc:** Eric Danner - NOAA Federal  
**Subject:** Re: Tier analysis

Hi Cathy,

I think your two sentences do a great job of describing the scenario. I can help better understand the use of historic temperatures and the results of the mortality models right after a meeting that ends at 10 this morning.

If we hit you text and a figure by 11, would that be okay for your briefing?

-Miles

On Mon, Apr 29, 2019 at 9:40 PM Cathy Marcinkevage - NOAA Federal <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)> wrote:

Hey guys --

We're briefing Barry on this Tuesday morning. Can you give me a 1-2 sentence description of the best way to state this? I'm kind of characterizing it as a depiction of the least protective manifestation of Tier 2, assuming strict adherence to the Tier 2 assignment throughout the season, and no switch to other tiers. I'm not quite sure how you used historic temperature data to best represent the conditions throughout the river if targeting specific temperatures at CCR. Can you help me with that?

BTW Maria loved this and wondered why that other figure doesn't have NOT TO SCALE all over it!

Thanks -  
Cathy

On Wed, Apr 24, 2019 at 2:54 PM Eric Danner - NOAA Federal <[eric.danner@noaa.gov](mailto:eric.danner@noaa.gov)> wrote:

Hi Cathy,

Here is Miles' first crack at the tier analysis. He used historic temperature data to best represent the conditions throughout the river if targeting specific temperatures at CCR. Thus he provided the three different percentiles (the three rows in the plot). Up to you if you would like to be conservative and just go with 75 (or maybe 90). Only temperatures so far - if this is what you were thinking of, then we can run the mortality models.

Eric

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Eric Danner, Ph.D.  
Supervisory Research Ecologist  
Fisheries Ecology Division, Southwest Fisheries Science Center  
[110 McAllister Way](http://110McAllisterWay)  
[Santa Cruz, CA 95060](http://SantaCruzCA95060)  
831-420-3917  
<http://swfsc.noaa.gov/>

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Miles Daniels, Ph.D.  
Assistant Project Scientist  
University of California, Santa Cruz  
Phone: 831-420-3946