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**From:** Garwin Yip - NOAA Federal <garwin.yip@noaa.gov>  
**Sent:** Wednesday, April 17, 2019 7:54 AM  
**To:** Evan Sawyer - NOAA Federal  
**Cc:** Cathy Marcinkevage - NOAA Federal  
**Subject:** Re: draft ROCON Feb Forecast and Spring Base section

Forgot the other part. That discussion could be in the intro to summer temp management as we lay out the uncertainties in implementation (2014 being an example of going from 1 tier to the next in the same year and results), or for specific tiers (2015 being a potential example of tier 3, showing actually estimated mortality was higher than modeled in the PA).

Sent from my iPhone

On Apr 17, 2019, at 7:51 AM, Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)> wrote:

I'm thinking "drought admin record" should be salient graphs from Brycen's admin record memo, for example, water temps in 2014 and 2015 for the season, SWFSC's egg survival graphs for 2014 and 2015, and maybe the egg-to-fry estimates to RBDD from the JPE letters. Miles/Eric had also sent over figures showing egg mortality only in 2014 and 2015 which may be in Brycen's admin record memo.

Sent from my iPhone

On Apr 17, 2019, at 7:39 AM, Evan Sawyer - NOAA Federal <[evan.sawyer@noaa.gov](mailto:evan.sawyer@noaa.gov)> wrote:

Yeah I don't do lengthy very well.

A few things though, as I pointed out there were a number of things Maria had wanted me to include but I didn't think they "fit" in this particular section or maybe I felt they have been addressed in other sections since Maria looked at this draft:

- I need to find a different place for the rule of thumb figure (probably the year-round discussion).
- Miles is working on providing more information on the relation between early releases and summer temps and I did include some of Eric's work on flow and temperature (both "science center modeling" Maria asked to have included).
- And I have yet to incorporate the drought admin record which should go... in the spring(?) summer(?) or year-round discussion?

Evan

On Wednesday, April 17, 2019, Cathy Marcinkevage - NOAA Federal <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)> wrote:

And here are mine. I think this is great progress and has some key points! I need to look back at my notes and the broader context of the section to see more about the spring base flows, esp given maria's note that "this will be quite lengthy."

I have notes on the previous version you sent but they are hardcopy markups since my computer did a long update. I'll get them to you this morning when I get into the office.

On Tue, Apr 16, 2019 at 6:41 PM Evan Sawyer - NOAA Federal  
<[evan.sawyer@noaa.gov](mailto:evan.sawyer@noaa.gov)> wrote:

Hi Cathy, Garwin,

Attached is my draft section on the February forecast and spring base flows discussion for the Upper Sacramento/Shasta Division. Just sending the sub-section rather than sending whole document so as to avoid version control issues.

Maria had provided some suggested additions for this section that in my mind didn't really fit, (rule of thumb chart, science center modeling, and previous drought administrative record) so I plan to insert them either earlier (in the year-round discussion) or later (in the summer cold water pool management discussion).

Evan

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