
From: Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov>
Sent: Tuesday, March 26, 2019 3:25 PM
To: Evan Sawyer - NOAA Federal
Cc: Cathy Marcinkevage - NOAA Federal; Kristin McCleery - NOAA Affiliate; Brian Ellrott; Joe Heublein - NOAA Federal; J. Stuart; Sarah Gallagher - NOAA Federal; Garwin Yip; Howard Brown
Subject: Re: PLEASE RESPOND -- WUA AND FLOODPLAIN ANALYSIS

My 2 cents:

The fundamental question is "how much WUA, how often", which is captured in the overall "all years" exceedance plot (or decile tables, which is maybe all we'll get in the corrected files....).

I think the WYT dynamic is interesting and informative in that, even if Reclamation isn't proposing something WYT-specific, many of the regulatory requirements (e.g. D-1641) and flood ops that may affect Shasta releases could be WYT-specific. For example, wetter hydrology triggers higher Delta outflow requirements which might draw more on Shasta and lead to higher WUA in winter/spring of wetter years. The WYT-specific stuff helps me to think about/identify specific mechanisms about why flows (and WUA) are higher in some months/years relative to others.

On Tue, Mar 26, 2019 at 3:00 PM Evan Sawyer - NOAA Federal <evan.sawyer@noaa.gov> wrote:
I haven't been grouping by WYT, just all years...

here's a dumb question: is there a reason to look at WUA (or anything really) wrt WYT? Reclamation isn't proposing anything tied to a particular WYT are they?

On Tue, Mar 26, 2019 at 2:51 PM Cathy Marcinkevage - NOAA Federal <cathy.marcinkevage@noaa.gov> wrote:

All --

I just got word that the WUA and floodplain inundation results were grouped incorrectly wrt water year types.

PLEASE LET ME KNOW ASAP IF YOU USED THESE SO FAR, OR IF YOU PLANNED TO.

I have some updated results.

I understand that this is frustrating.

For now, just let me know if you used either of these so far in your analysis or if you planned to before finishing on Thursday.

Stay strong, friends!
Cathy

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