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**From:** Joe Heublein - NOAA Federal <joe.heublein@noaa.gov>  
**Sent:** Tuesday, March 26, 2019 3:08 PM  
**To:** Brian Ellrott - NOAA Federal  
**Cc:** Cathy Marcinkevage - NOAA Federal; Kristin McCleery - NOAA Affiliate; Evan Sawyer - NOAA Affiliate; Barbara Byrne; J. Stuart; Sarah Gallagher - NOAA Federal; Garwin Yip; Howard Brown  
**Subject:** Re: PLEASE RESPOND -- WUA AND FLOODPLAIN ANALYSIS

I think all things WUA for the American Division are going to be in Brian's wheelhouse

On Tue, Mar 26, 2019 at 3:05 PM Brian Ellrott - NOAA Federal <[brian.ellrott@noaa.gov](mailto:brian.ellrott@noaa.gov)> wrote:  
Follow-up answer: Yes, exceedance plots.

I did see that they provided WUA units. Could they provide it as percent of maximum WUA? That would tell me more about the PA scenario than the units, which just inform the relative comparison between alternatives. I thought we asked for max WUA initially?

On Tue, Mar 26, 2019 at 2:55 PM Cathy Marcinkevage - NOAA Federal <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)> wrote:

One followup...if the answer to my question is Yes, let me know if you used/planned to use the exceedance plots.

Thanks.

PS I have some stress balls in my office, you can throw them really hard at the wall and it doesn't hurt anyone. A friend told me....not that I've done it myself....

On Tue, Mar 26, 2019 at 2:51 PM Cathy Marcinkevage - NOAA Federal <[cathy.marcinkevage@noaa.gov](mailto: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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**Brian Ellrott**

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