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**From:** Eric Danner - NOAA Federal <eric.danner@noaa.gov>  
**Sent:** Wednesday, March 13, 2019 4:51 PM  
**To:** Noble Hendrix; Miles Daniels - NOAA Affiliate  
**Subject:** Fwd: WYT designations

FYI

----- Forwarded message -----

From: **Cathy Marcinkevage - NOAA Federal** <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)>  
Date: Wed, Mar 13, 2019 at 3:13 PM  
Subject: Re: WYT designations  
To: <[Derek.Hilts@fws.gov](mailto:Derek.Hilts@fws.gov)>  
Cc: Byrne, Barbara <[Barbara.Byrne@noaa.gov](mailto:Barbara.Byrne@noaa.gov)>, Eric Danner - NOAA Federal <[eric.danner@noaa.gov](mailto:eric.danner@noaa.gov)>, Garwin Yip <[Garwin.Yip@noaa.gov](mailto:Garwin.Yip@noaa.gov)>, Evan Sawyer - NOAA Affiliate <[evan.sawyer@noaa.gov](mailto:evan.sawyer@noaa.gov)>

Derek, can you answer this question? I think that the answers are

1. yes and
2. not quite. The hydrology is revised to reflect shifts in timing and magnitude of precipitation due to climate change. But it's the same shifts as used for CWF (that is, the 2030 climate condition used here and applied to the historical hydrology is the same as the 2030 climate condition used for CWF and applied to the historical hydrology for that).

But definitely correct me!

Thanks!  
Cathy

On Wed, Mar 13, 2019 at 2:48 PM Eric Danner - NOAA Federal <[eric.danner@noaa.gov](mailto:eric.danner@noaa.gov)> wrote:  
Hi all,

Noble has been using the water year type designations for the 80 years of the PA and COS that were used for WaterFix.

1. Is it correct to use these?
2. Are they using the same hydrology, just increasing air temperature for the climate change impacts?

Thanks, Eric

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