## Hilts, Derek

From: Hilts, Derek

**Sent:** Friday, April 12, 2019 10:23 AM

**To:** Cathy.Marcinkevage@noaa.gov; Evan.Sawyer@noaa.gov; Garwin.Yip@noaa.gov;

Howard.Brown@noaa.gov

**Subject:** ROC on LTO simulation of Keswick Jun, Jul, Aug releases

You've probably already looked at this. I looked at it with an eye towards Maria's question of does the COS mimic actual actions (lower Keswick releases) since the 2009 BiOp was promulgated?

Please use caution interpreting the results as the historical bars have very few years supporting them (zero years in the case of Above Normal).

Derek

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