

From: [Ben Livneh](#)
To: [Stephen Torbit](#); [Guinotte, John](#); [Joseph Barsugli - NOAA Affiliate](#); [Andrea Ray - NOAA Federal](#)
Subject: Wolverine ROMO update
Date: Sunday, March 19, 2017 3:48:24 PM

Hi Steve,

Last week, we explored further precipitation adjustments for ROMO to try to improve performance in 2012 SCA prediction. However, the resulting model simulations only yielded very modest improvements.

Therefore, my recommendation is to note that 2012 was problematic in our analysis and instead to focus on 2002 and/or 2004 as drought years, since the performance was better.

This weekend Aaron put together a matrix of model performance both spatially, SCA compared with MODIS, as well as at the SNOTEL locations, for number of days exceeding 100mm of SWE. After reviewing, we found a few minor errors that he is working to fix and will plan on having a revised version by Tuesday, which should enable us to make a final parameter selection and then redo the GCM deltas. Aaron has 2 exams this week (one in Snow Hydrology very apropos!) so we set the Tuesday deadline rather than sooner.

I'll be landing in Santiago Tuesday and will likely resume internet access on Wednesday when I set up at the university there.

I hope all is well,

Ben

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