

From: [Guinotte, John](#)
To: [Stephen Torbit](#)
Subject: Re: Adaptation Partnership assessments
Date: Friday, January 27, 2017 1:08:06 PM

I hear you Steve. My plan was to ask Candida what level of effort it would take for me to do this, not have the NOAA/CU people do it. I don't want to hold them up and it wasn't part of the contract. Justin was in here today and I told him this as well. Are you in today?

Best, John

On Fri, Jan 27, 2017 at 11:40 AM, Stephen Torbit <stephen_torbit@fws.gov> wrote:
John, let's be careful not to delay completion of the Modis component of our work to look at the additional den sites. Many should be covered.

Sent from my iPhone

On Jan 27, 2017, at 11:26 AM, Guinotte, John <john_guinotte@fws.gov> wrote:

Thanks Betty,

NOAA/CU calculated melt out date from historical Modis data for our two study sites for the future snow pack work in Glacier and Rocky Mountain national parks. I'm going to ask them this this afternoon what level of effort it would take to calculate melt out dates for the rest of the den sites.

Best., John

On Fri, Jan 27, 2017 at 11:02 AM, Grizzle, Betty <betty_grizzle@fws.gov> wrote:

I am attaching two of the three references cited in the comment letter. I haven't been able to find (yet) a 2017 draft document being prepared as a chapter for a GTR from Rocky Mtn Research Station.

Regarding your preliminary analysis, how did you determine the melt out date? Also, it will be important to also look at southern den sites. Thanks for sharing this.

On Fri, Jan 27, 2017 at 9:53 AM, Guinotte, John <john_guinotte@fws.gov> wrote:

Hi Betty,

No I haven't seen the site. Can you share the two documents? I just had a closer look at the 13 den sites in Glacier where I have historic Modis snow cover data. Spreadsheet is attached. Looks like melt out date was well after the dates Copeland recorded for all sites.

Best, John

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On Fri, Jan 27, 2017 at 10:42 AM, Grizzle, Betty <betty_grizzle@fws.gov> wrote:

John - Have you seen the following website?
<http://adaptationpartners.org/nrap/>

I received a comment letter today referencing 3 documents produced by this collaborative partnership (identified as drafts). I am reviewing these now, but it looks like two of them are vulnerability assessments related to climate change effects - essentially generated scenarios - and wolverine is one of 20 species considered.

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