

From: [Doherty, Kevin](#)
To: [Guinotte, John](#)
Cc: [Stephen Torbit](#)
Subject: Re: GYE wolverine dens
Date: Wednesday, May 31, 2017 7:13:12 AM

Very interesting paper.

On Wed, May 31, 2017 at 6:58 AM, Guinotte, John <john_guinotte@fws.gov> wrote:

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

From: **Inman, Bob** <bobinman@mt.gov>
Date: Tue, May 30, 2017 at 3:15 PM
Subject: RE: GYE wolverine dens
To: "Grizzle, Betty" <betty_grizzle@fws.gov>

Hello Betty, page 5 has some info in results. This is from a 2007 report from our study that had 8 chapters, 4 of which are published now. This was a general proximity measurement. I can remember going to a den in the Gravelly Mtns, sticking my ski pole in the snow to stand it up there while beginning to record data about the den, and when I stuck the pole into the snow, to my surprise it went 6" or so through the snow and then through a few sticks, and when I looked down a wolverine was looking back up at me through the hole. **So there was as little as 6" of snow over parts of a natal den.** While standing there, we did not know where all the den actually was below the snow and debris, so we just took a general measurement in the vicinity. Those are what is in the attached. This was occurring before any discussion about "deep" or "persistent" spring snow, so we were not thinking to make lots of exact measurements all around the site. Also wanted to get in, more the locaitons, and get out, in case our presence was disturbing in some way.

As an anecdote,

-Bob Inman

Robert M. Inman, PhD

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From: Grizzle, Betty [mailto:betty_grizzle@fws.gov]

Sent: Wednesday, May 24, 2017 10:33 AM

To: Inman, Bob <bobinman@mt.gov>

Subject: GYE wolverine dens

Hi Bob - Did you measure snow "depth" or "cover" for your GYE wolverine den locations (at or near the time of denning)? If so, can you send me those values and the dates measured?

Thanks, and please let me know if you have questions.

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Betty J. Grizzle, D.Env.

Fish and Wildlife Biologist

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Betty J. Grizzle, D.Env.

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