

From: [Lindstrom, James](#)
To: [Juliussan, Lara](#); [John Guinotte](#)
Subject: Fwd: mapping wolverine habitat
Date: Wednesday, January 4, 2017 12:23:35 PM
Attachments: [wolverine.gdb.zip](#)

FYI - Attached is a snow pack model data set I got from Shaw Sartorius back in 2013. This may not be of much use now but wanted to share. I've also forwarded this to Ed as well.

Jim

Jim Lindstrom
james_lindstrom@fws.gov
Cartographer
U.S. Fish & Wildlife Service
Wyoming Ecological Services Field Office
(307) 772-2374 (Ext 240)

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

From: **Belleman, Ann** <ann_belleman@fws.gov>
Date: Wed, Feb 13, 2013 at 9:37 AM
Subject: Fwd: mapping wolverine habitat
To: Gary Hanvey <ghanvey@fs.fed.us>, James Lindstrom <james_lindstrom@fws.gov>

fyi and use

Ann Belleman
Wildlife Biologist
U.S. Fish and Wildlife Service
808 Meadow Lane
Cody, WY 82414
ann_belleman@fws.gov

307-578-5116
307-578-5112 fax

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

From: **Sartorius, Shawn** <shawn_sartorius@fws.gov>
Date: Wed, Feb 13, 2013 at 9:32 AM
Subject: Re: mapping wolverine habitat
To: "Belleman, Ann" <ann_belleman@fws.gov>

Ann,

Here is the composite habitat model shape files I mentioned. These can be used as a good representation of what we know about wolverine habitat.

On Tue, Feb 12, 2013 at 4:19 PM, Belleman, Ann <ann_belleman@fws.gov> wrote:
Thanks.

Ann Belleman
Wildlife Biologist
U.S. Fish and Wildlife Service
808 Meadow Lane
Cody, WY 82414
ann_belleman@fws.gov

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On Tue, Feb 12, 2013 at 4:04 PM, Sartorius, Shawn <shawn_sartorius@fws.gov> wrote:
we have put together a composite model of wolverine habitat based on the Copeland snow model and Inman habitat model. In a few days, we should have a GIS layer for folks who want to apply that to their project maps. The gross-scale representation of the map is posted on the R6 wolverine website.

Shawn.

On Tue, Feb 12, 2013 at 3:55 PM, Belleman, Ann <ann_belleman@fws.gov> wrote:
Hi Shawn - One of the FS bios asked me about guidance on the above subject, so thought I'd ask you for input. Thanks.

Ann Belleman
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Shawn Sartorius, Ph.D.
US Fish and Wildlife Service
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406 449-5225 x208

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Montana Field Office
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