

From: [Grizzle, Betty](#)
To: [Guinotte, John](#)
Cc: [Turner, Ed](#)
Subject: Re: updated dens w meltout
Date: Tuesday, March 21, 2017 2:10:13 PM
Attachments: [Wolverine_Crrent_Range_Portrait.pdf](#)

Thanks John. I will check this over with Ed when I am back in the office (teleworking today and tomorrow, and maybe Thursday). I did create a linear regression of elevation and latitude, and that "slope" is significant.

One thing I will need from you - a summary of the sources used to create our current range map (I am attaching the pdf Ed created here). I know we used COSEWIC and Inman, but it would be helpful if you could prepare a summary of how you created the polygons.

Similarly, I will need a summary of how you calculated melt out date (and how this was defined, which I think you sent to me earlier) and how you used MODIS imagery.

Hope that makes sense. Thanks again for all your help with this.
Betty

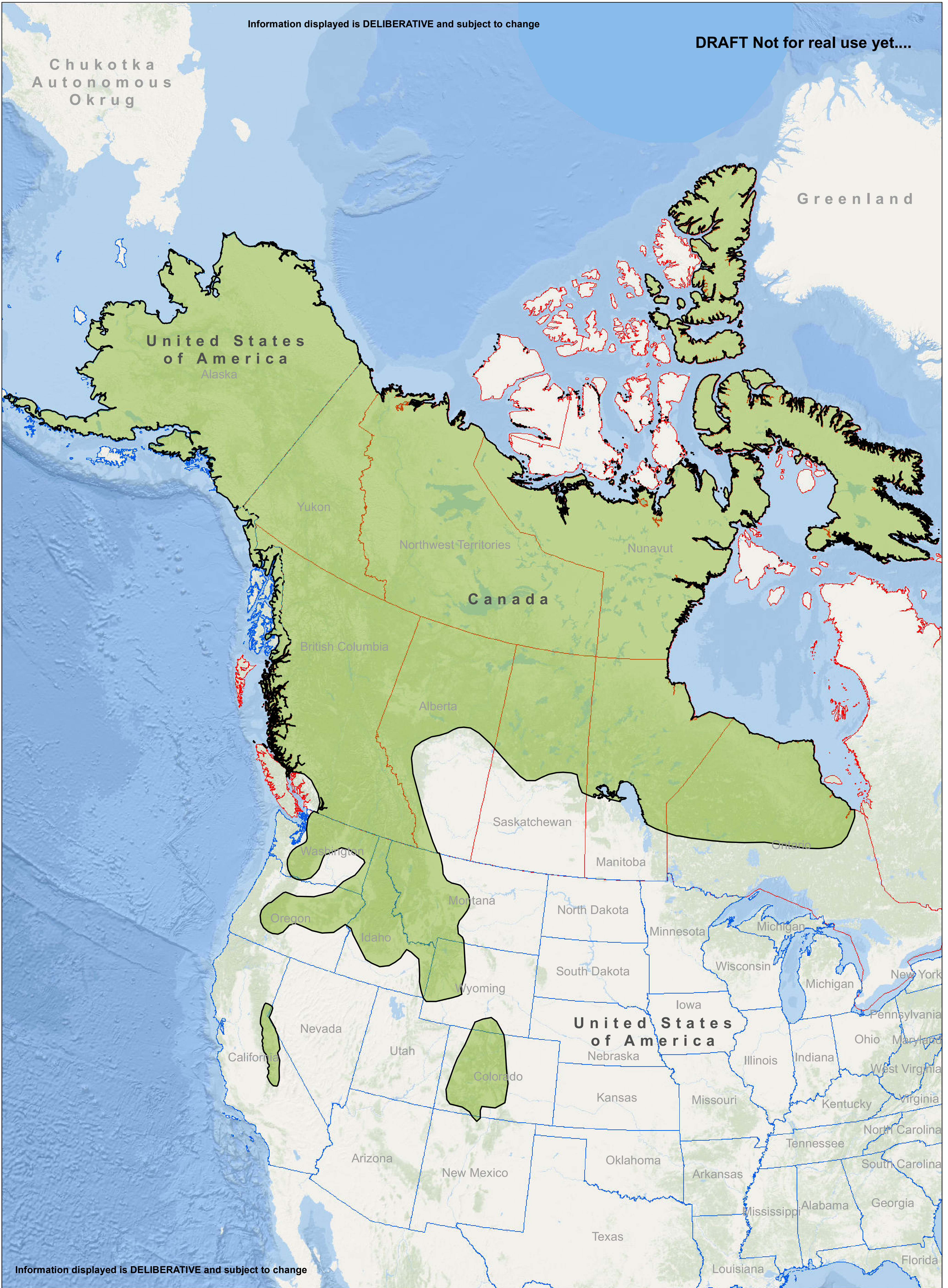
On Tue, Mar 21, 2017 at 12:54 PM, Guinotte, John <john_guinotte@fws.gov> wrote:

Hi Ed,
Here is the updated dens file with meltout.
Let me know if it works for you.
Best, John

John Guinotte
Fish and Wildlife Biologist
Ecological Services
U.S. Fish and Wildlife Service
Mountain Prairie Region 6
134 Union Blvd., Lakewood, CO 80228
303-236-4264
john_guinotte@fws.gov

--

Betty J. Grizzle, D.Env.
Fish and Wildlife Biologist
U.S. Fish and Wildlife Service
Carlsbad Fish and Wildlife Office
2177 Salk Ave, Suite 250
Carlsbad, CA 92008
760-431-9440, ext. 215
760-431-5901 fax



DRAFT Not for real use yet....