

From: [Turner, Ed](#)
To: [Betty Grizzle](#)
Cc: [Tony McKinney](#)
Subject: Another attempt at Nick and Shawn's model
Date: Tuesday, February 7, 2017 6:43:33 PM
Attachments: [Models Nicks DPS CFWO Snow and PH run.pdf](#)
[Models Nicks DPS CFWO PH on Snow.pdf](#)

Betty, I combined the snow and the PH as Nick states that he did.

Next I kept only the above product where it fell on contiguous Female Dispersal areas that were greater than 100km². I did this because ultimately we wish to only retain snow and ph patches that are > 100km². So if a FD area was less than 100km² in size, we never would have considered that snow/PH patch anyway.

Next I dissolved all snow/PH patches based on the FD area on which they reside. I did this with the use of a unique ID for each contiguous Female Dispersal area.

This resulted in patches of snow/PH regardless of size being merged into single records for all unique FD areas.

Next I calculated Hectares and coded those records > 10,000 (100km²) to retain and the ones smaller than 10,000 to drop.

The next step would be to buffer our results by 20km in hopes of getting what Nick and Shawn got, but as you can see from the map we will not get the same results.

In the map their DPS is in Red and our results are in green.

Note that we have green in areas that they have no red outline??

I can try another run of retaining only the PH that falls on Snow from the start, but the PH is very small in the Cascades and from the second map you can see we will get even stranger results.

I think we are still missing something from his model run and his process is not clear.

It's almost like they chose specific Female Dispersal areas and then used that in the process, where I'm merely using all Female Dispersal areas that meet the size limit.

We can maybe run this by Tony too, but I can't see how not limiting the FD areas to the size limit first could have cause any issues. As those smaller areas would have just had to dropout in an additional step anyway. Guess I could always try it and not limit any size till the very last run.

Second map shows only areas of PH that fall on snow = Yellow color; with that set on top of FD areas that are > 100km².

From second map looks like Nick didn't use any of the FD areas in NV?

Or the area out on coast zone of WA?

Both those areas have yellow color PH that falls on snow and falls on 100km² larger patches on FD.

Maybe those could drop out because the PH patch in the end may not be > 100km², but that does not help with the OR cascade range stuff??

See maps and we can discuss Wednesday.

Ed

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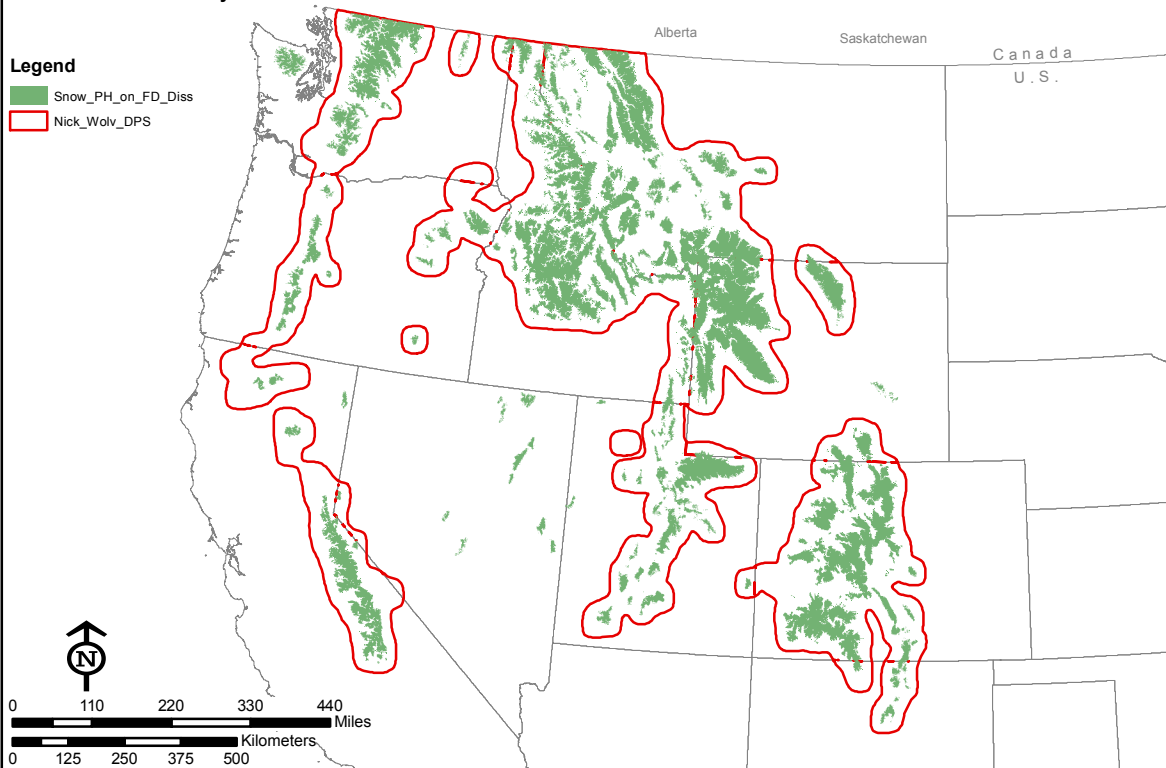
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DRAFT Not for real use yet....

Legend

 Snow_PH_on_FD_Diss

 Nick_Wolv_DPS



DRAFT Not for real use yet....

