

From: [DElia, Jesse](#)
To: [Juliussan, Lara](#)
Cc: [Pat Delbert](#); [Kathleen Hendricks](#)
Subject: Re: stronghold maps
Date: Friday, February 27, 2015 3:38:55 PM

Great, thanks Lara. Appreciate the quick response.

Jesse

On Fri, Feb 27, 2015 at 2:36 PM, Juliussan, Lara <lara_juliussan@fws.gov> wrote:

Hi Jesse,

See below in red.

hi lara,

a question came up in idaho re: the stronghold maps. It appears that on the rangewide map (from our memo) there are some areas omitted from the strongholds that appear as strongholds in the zoomed in version of the map. For example, in Southwest Idaho, there is only one "stringer" of mapped stronghold area extending toward the Snake River, but in the zoomed in version there are clearly two.

Also, the FWS refuge along the Snake River doesn't appear to be a stronghold in the rangewide map, but is in the zoomed in version. It may just be a scale issue, but wanted to check.

I looked at the question you have on the rangewide versus zoomed in map and do see what you are talking about. I am not sure why the difference exists, except I can say that sometimes ArcGIS does strange things when exporting to .PDF. The zoomed "Northern Great Basin" map shows the correct stronghold areas.

<http://www.fws.gov/greatersagegrouse/documents/ESA%20Process/GRSG%20Strongholds%20memo%20to%20BLM%20and%20USFS%20102714.pdf>

Two hopefully quick requests: 1. There was some question whether these stronghold areas were clipped to the PHMA in Idaho - the memo clearly states that was our intent - can you confirm these areas in Idaho are all within PHMA?

At the time these maps were created we clipped the to the PHMA identified by the BLM at that time. If there have been subsequent changes, those data are not reflected in these maps. You may want to verify the designations with the BLM. If there are changes IFWO would have to identify that need to the regional directors within the range of sage-grouse.

2. Can we get our Idaho FWO the final corporate GIS layer for the strongholds?

<https://www.sciencebase.gov/catalog/item/546cf30be4b0fc7976bf1d4e>

Hope that helps!
Lara

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On Fri, Feb 27, 2015 at 2:06 PM, DElia, Jesse <jesse_delia@fws.gov> wrote:

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Thanks,

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