

From: [Michael Thabault](#)
To: [Noreen Walsh](#)
Subject: Fwd: Stronghold maps asap Monday
Date: Monday, January 26, 2015 9:19:26 AM
Attachments: [StrongholdsAcreages_DRAFT.xlsx](#)

Michael Thabault
Assistant Regional Director
Ecological Services
Mountain Prairie Region

Begin forwarded message:

From: "Juliussan, Lara" <lara_juliusson@fws.gov>
Date: January 26, 2015 at 9:13:56 AM MST
To: Matt Kales <matt_kales@fws.gov>
Cc: Michael Thabault <michael_thabault@fws.gov>, Nicole Alt <nicole_alt@fws.gov>, Pat Deibert <pat_deibert@fws.gov>, Drue DeBerry <drue_deberry@fws.gov>
Subject: Re: Stronghold maps asap Monday

Attached is a very quickly calculated table of acres within strongholds. I noted that this differs in total PHMA by about 200,000 acres from what I provided Mary for NV two weeks ago. I don't know why at this point, but will find out. Suspect what NV provided for PH/GH is different than the full compilation of states provided by the NOC.

I hope this will be somewhat helpful even as a draft.

Lara Juliusson, Geographer/Ecologist
Sage-grouse Energy Team
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<http://www.linkedin.com/pub/lara-juliusson/5/918/7a4>

On Mon, Jan 26, 2015 at 7:35 AM, Juliussan, Lara <lara_juliusson@fws.gov> wrote:

Update: it is 7:30 and the GIS Intersect, which will provide ownership and the new PH/GH within the strongholds is still running and is at Step 4 of 16. It has

been running for 30 minutes. This makes me concerned that I will not meet your deadline.

Lara

On Sunday, January 25, 2015, Matt Kales <matt_kales@fws.gov> wrote:

Thanks, Lara, for your quick reply and willingness to get after this. To your questions:

1. I agree with your instinct and yes, let's please use the original ownership layer furnished by CBI.
2. Yes, please use the most recent habitat status map data provided by BLM.

I defer to other here if they have other/different direction but in the interests of time recommend you go with the best available information and note any related data questions or caveats we should flag for leadership as they consider this issue tomorrow.

Again, thanks for your time on this. While I realize the time frame is not ideal, there is real potential for us to secure lasting protections for grouse on a large scale if we can support our leadership's ongoing advocacy for this concept.

See you in the morning.

Matt

On Jan 25, 2015, at 6:25 PM, Juliusson, Lara <lara_juliusson@fws.gov> wrote:

Questions:

1. Should I use the same ownership layer we used originally and provided by CBI, or use the most recent layer I received 1/16/15 from BLM. I would think you would want to stick with what we used, but want to ask anyway. Regarding the new layer, I have no idea how much may have changed. I also have found some issues with the new layer already and I am in the process of clarifying solutions with the BLM, but that obviously won't be done by 6:00 tomorrow morning.
2. Should I use the most recent BLM PHMA/GHMA layer provided by the NOC on 1/14/15? Other than NV'S habitat changing completely, I have no idea how much else may have changed. I also found issues with the new BLM data causing overlaps, but I believe I have fixed them. However, given it is

BLM data, I cannot guarantee this.

As to if I can get this done by 9:00, I am not sure. My normal work start is 8:30. I will have to make these custom, because until now only questions on WY and NV have been asked. Obviously I will have to go in early. There will also be very little time to QC.

I will go in at 6:00 and see what I can do.

Lara

On Sunday, January 25, 2015, Matt Kales

<matt_kales@fws.gov> wrote:

Lara,

I hope you had a good weekend and sorry about the rush request: per the below, Mike and I need 3 sets of hard copy (color) prints of our final "stronghold" polygons showing the attributes Noreen lists (habitat class; associated acreage) by 0900 tomorrow. Thanks in advance and please let us know if you have any immediate questions.

Matt

Begin forwarded message:

From: Noreen Walsh <noreen_walsh@fws.gov>

Date: January 24, 2015 at 11:39:53 AM MST

To: Michael Thabault

<michael_thabault@fws.gov>, Matt Kales

<matt_kales@fws.gov>

Subject: Stronghold maps asap Monday

Guys, sorry to send this today but I now see I have a 10 am call on this topic Monday. Please plan to join me. So, first thing on Monday we need to sit down together and review each stronghold map. We need hard copies of each showing ownership within and PHMA, GHMA, and "non habitat" within each polygon. Acreage of each category would be helpful too. I know the questions have been rattling around for a

week or two so I hope this is not too difficult to
pull together. I
will close RD staff meeting by 9 to give us time to
talk in advance of
the 10 am.
Thank you.
Noreen Walsh
Regional Director
Mountain-Prairie Region
U. S. Fish and Wildlife Service

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Lara Juliusson, Geographer/Ecologist
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Join me on LinkedIn

<http://www.linkedin.com/pub/lara-juliusson/5/918/7a4>

Label	Sum of Acres	Label	Sum of Acres
Idaho	4,093,162	Montana	1,193,972
GHMA	2,409	GHMA	104,202
Bureau of Land Management	2,313	Bureau of Land Management	31
Other Federal	3	Private Conservation Land	72
Private Conservation Land	81	Private Land	1,705
State Land	11	State Land	6,206
PHMA	4,090,754	U.S. Fish & Wildlife Service	96,187
Bureau of Land Management	3,561,255	PHMA	1,089,769
National Park Service	583	Bureau of Land Management	981,492
Other Federal	262,919	Local Land	311
Private Conservation Land	1	Private Conservation Land	3,417
Private Land	129,837	Private Land	63,883
State Land	136,158	State Land	39,708
		U.S. Fish & Wildlife Service	278
		Unknown	680

Draft and Pre-Decisional. Original data were compiled from various sources. Spatial information may not meet National Map Accuracy Standards. This information may be updated without notification.

Label	Sum of Acres
Nevada	3,081,674
GHMA	539,316
Bureau of Land Management	348,385
Other Federal	97,015
Private Land	25,864
State Land	27
U.S. Fish & Wildlife Service	68,026
PHMA	2,542,358
Bureau of Land Management	1,614,111
Other Federal	346,214
Private Conservation Land	38
Private Land	126,643
State Land	4
U.S. Fish & Wildlife Service	455,348

Label	Sum of Acres
Oregon	2,298,801
GHMA	73,139
Bureau of Land Management	31,492
Other Federal	551
Private Land	4,275
State Land	12,010
U.S. Fish & Wildlife Service	24,811
PHMA	2,225,663
Bureau of Land Management	1,886,282
Other Federal	9,082
Private Conservation Land	299
Private Land	70,686
State Land	14,855
U.S. Fish & Wildlife Service	244,460

Label	Sum of Acres
Utah	211,944
GHMA	9
Bureau of Land Management	9
PHMA	211,935
Bureau of Land Management	181,151
Other Federal	11,844
Private Land	14,457
State Land	4,482

Label	Sum of Acres
Wyoming	3,712,279
GHMA	29,560
Bureau of Land Management	7
Native American Land	40
Other Federal	15,113
Private Conservation Land	1
Private Land	3
U.S. Fish & Wildlife Service	14,397
PHMA	3,682,718
Bureau of Land Management	3,423,315
National Park Service	8,370
Native American Land	2
Other Federal	4,989
Private Conservation Land	1,749
Private Land	100,634
State Land	142,667
U.S. Fish & Wildlife Service	992