From: Kasdin, Alexandra
To: Bush, Jodi
Cc: Jennifer Fortin-Noreus
Subject: Re: map of PCA & DMA
Date: Wednesday, August 17, 2016 2:55:00 PM
Attachments: image005.png

I wonder why that first link isn't working for you. For me, I see a fairly detailed map with the recovery zone/PCA boundary, the DMA boundary, and the DPS boundary. You can zoom in to see very small creeks, lakes, and elevation. Maybe try clicking to it from here? https://www.usgs.gov/science/interagency-grizzly-bear-study-team?qt-science_center_objects=6#qt-science_center_objects. Select the first link, "IGBST Boundary Maps." Based on the need you are describing, I think this will suffice (but perhaps I can only access it because I am on a DOI network?). Just trying to make sure we don't duplicate effort if what we need already exists!

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Phone: (303) 236-4217

On Wed, Aug 17, 2016 at 2:50 PM, Bush, Jodi <jodi_bush@fws.gov> wrote:

> Sorry I can't make these work. I mean I don't get to a map. What we need is a map the public sees and then can zoom in on to see roads and topo features. I dont know if these links do that. JB
>
> Jodi L. Bush
> Office Supervisor
> Montana State Ecological Services Office
> 585 Shepard Way, Suite 1
> Helena, MT 59601
> (406) 449-5225, ext.205
>
> On Wed, Aug 17, 2016 at 2:07 PM, Kasdin, Alexandra <alexandra_kasdin@fws.gov> wrote:
>
> > So I did some poking around on the IGBST website and found links to some maps and data. Would these suffice?
> >
> > Somewhat interactive map: http://usgs.maps.arcgis.com/home/webmap/viewer.html?webmap=78152b8e0bde457ca95918fdd48c5352
> > Downloadable shape files: https://www.sciencebase.gov/catalog/item/554ceb27e4b082ec54129da3
> >
> > Alex Kasdin
> > Princeton University SINSI Fellow
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> > 134 Union Boulevard
> > Lakewood, CO 80228
> > Phone: (303) 236-4217

On Wed, Aug 17, 2016 at 1:57 PM, Baker, Serena <serena_baker@fws.gov> wrote:

> Hello All,
>
> I just chatted with Seth. Would it meet the need if we requested Lisa Landenburger, USGS, create a static map that we could upload to our grizzly bear website, along with making the GIS layers available, similar to how we did for the Greater Sage-Grouse decision? Science Base hosted those for us, and perhaps USGS has these layers available online now.
>
> Rob can create an interactive map using Google maps, not the GIS layers, if we wish, just know that is a significant time committement, which is why I am checking to see if a static map provides the information in a useful enough manner?
>
> Please let us know. Thanks!
>
> _____
>
> **Serena Baker**
> Public Affairs Specialist
> U.S. Fish & Wildlife Service
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>
> 
>
>
> On Wed, Aug 17, 2016 at 1:34 PM, Mansheim, Robert <robert_mansheim@fws.gov> wrote:
>
> > We could easily work on an interactive map like what is here: https://www.fws.gov/mountain-prairie/refuges/visit-a-refuge.php (Open one of the states)
> >
> > ***Rob Mansheim*** | Digital Communications Specialist
> > USFWS Mountain-Prairie Region External Affairs
> > 134 Union Blvd, Lakewood, CO 80228
> > robert_mansheim@fws.gov
> > 303.236.4267 | c.720.390.0160
> > **http://www.fws.gov/mountain-prairie**
> >
> > On Wed, Aug 17, 2016 at 1:28 PM, Willey, Seth <seth_willey@fws.gov> wrote:

Not sure if we need help (Jennifer, thoughts?), but adding Kate to this discussion in case she has thoughts on how her division might help. Also adding Rob, our webmaster in case he has thoughts.

Seth

****
Seth L. Willey
Branch Chief for Classification and Recovery
Mountain-Prairie Region, USFWS
Seth_Willey@fws.gov
303-236-4257
****

On Wed, Aug 17, 2016 at 1:19 PM, Kasdin, Alexandra <alexandra_kasdin@fws.gov> wrote:

> I am just looping in Seth and Serena. I don't see a problem with having a clearer map. Could be helpful from a communications standpoint. If you think Lisa could create a static version that is sufficient, we can go that route. If you think an interactive version would better suit our needs, I can talk to Kate Norman (decision support branch in RO) to see if anyone on her team would have the bandwidth to assist.
>
> Let me know what your preferences would be!
>
> Alex Kasdin
> Princeton University SINSI Fellow
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>
> On Wed, Aug 17, 2016 at 1:13 PM, Jennifer Fortin-Noreus <Jennifer_fortin-noreus@fws.gov> wrote:
>
> > Lisa Landenburger is the person that handles our maps and has all of the layers. It would be fairly easy to have static map with greater detail available on our website. It would be too detailed to print in the CS or rule given the print size. An interactive map would be much more time intensive to create. Thoughts?
> >
> > *Jennifer Fortin-Noreus, Ph.D.*
> >
> > *Postdoctoral Researcher*
> >
> > *Grizzly Bear Recovery Program*
> >
> > *US Fish and Wildlife Service*

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Jennifer_fortin-noreus@fws.gov

From: Bush, Jodi [mailto:jodi_bush@fws.gov]
Sent: Wednesday, August 17, 2016 1:10 PM
To: Jennifer Fortin-Noreus; Alexandra Kasdin
Subject: Fwd: map of PCA & DMA

Do you folks think we could do this? the issue is having either an interactive map or a static map with more topo and road features so folks could see where the boundaries of the PCA and DMA are. I bet GIS folks in RO could help. JB

Jodi L. Bush

Office Supervisor

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---------- Forwarded message ----------
From: **Loren Grosskopf** <LGrosskopf@parkcounty.us>
Date: Mon, Aug 8, 2016 at 5:12 PM
Subject: RE: map of PCA & DMA
To: Leander Watson <lwatson@sbtribes.com>, Brian Nesvik <brian.nesvik@wyo.gov>, "Dan_Wenk@nps.gov" <Dan_Wenk@nps.gov>, "Delissa Minnick, BLM WY" <dminnick@blm.gov>, Patricia -FS O'Connor <poconnor@fs.fed.us>
Cc: Jodi Bush <jodi_bush@fws.gov>

Jodi

could you please post a map of the PCA and DMA that is sufficiently detailed for the public to discern roads, drainages etc (especially where it might impact private lands). Post on your web site with a link in the CS , fed register etc?

any need to provide a more detailed map in the CS ?

Loren Grosskopf, Park County Commissioner

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