From: Turner, Ed
To: Skora, Genevieve
Cc: Lara Juliusson; James Lindstrom; Rich Young
Subject: Re: GRSG Wild Horse Management Areas
Date: Wednesday, March 04, 2015 11:06:00 AM
Attachments: Current_Range_By_Management_Zone.xlsx

Hi Genevieve, Here is a table of the values of Current Range within each Management Zone.

You should be able to use these values for any ratio efforts with any threat footprint in current range.

I'll get you a new Horse Table in just a few minutes.

Thanks, Ed

On Wed, Mar 4, 2015 at 10:29 AM, Skora, Genevieve <genevieve_skora@fws.gov> wrote:

> Ed,
>
> Hey, sorry, one more question.
>
> I pulled up Jim's compilation of acres in each management zone, MZ-currentRange Acres, population acres, PAC acres.
>
> I was going to calculate what percentage the range of horses overlapped with the current range of sage-grouse and in several cases the current range acres is lower than the horse acres. That doesn't make sense to me. The horse layers are clipped to the current range layer - correct?
>
> Maybe i"m just looking at an old calculation of total current range acres in each MZ, but it shouldn't be that off.
>
> Thanks for your input,
>
> - Gen
>
> On Wed, Mar 4, 2015 at 10:25 AM, Skora, Genevieve <genevieve_skora@fws.gov> wrote:
>
>> Hi Ed,
>>
>> Could you explain the differences in the numbers between the manual and model builder calculations? Is it just that the model builder is counting if both BLM and FS and the manual is only counting a specific area for one agency or the other?
>>
>> Do you have a recommendation on which set of numbers I should use? (I think I"m just going to use total under BLM and FS together.)

Do you have the acres listed also in hectares?

Thanks,

- Gen

On Wed, Mar 4, 2015 at 8:08 AM, Skora, Genevieve <genevieve_skora@fws.gov> wrote:

Hi Ed,

Seems to make sense. I hope to look at it more in depth later today!

Thanks!

- Gen

On Tue, Mar 3, 2015 at 3:50 PM, Turner, Ed <ed_turner@fws.gov> wrote:

Hi Genevieve, Here are some draft numbers. I ran Lara's model builder and I did the process manually and they seem to check. The model builder runs give a basic value of both USF/BLM combined and of each individually.

My manual runs give you a bit more info so you can see what is actual overlap and what the actual management / territory units are.

If it's confusing, just let me know and we can talk about it.

If you need a basic number of areas regardless of it being USFS or BLM, then either of the overlay runs would be best. That combines the two data and accounts for the overlap. If you add up the USFS numbers and BLM numbers form the individual files you should get double counting in those areas of overlap.

I can end up making it even simpler, by adding a field to the comba USFS/BLM data set and just call any polygon a HMA/WHBT and it will just get a single count. This is basically what the " ModelBuilder_Overlap_Run.xls" shows.

Sorry if this seems confusing, but we can talk about it.

Thanks, Ed

On Tue, Mar 3, 2015 at 8:10 AM, Skora, Genevieve <genevieve_skora@fws.gov> wrote:

Great, thanks Ed!

Any overlap may also be explained as FS works with BLM/cedes management authority to BLM at times. (Cede may be too strong of a word.) However, I would assume, in general, that their areas of management should fall within their Forest lands or BLM lands.

The attachment from the last map is not displaying for me as it doesn't have the

links to the Shapefiles. Could you send a .pdf?

For the final title, it should probably read Free-roaming Equid Management Areas, or something similar. Free-roaming equids encompasses both wild horses and wild burros.

Do you think calling the BLM areas - Horse Management Areas and the FS areas Wild Horse and Burro Territories is confusing? If we do call them the same thing, I'd like it to have both horse and burro in the name. I'm fine with whatever colors. I assume there is a similar color scheme for all the maps?

Thanks for your help. I look forward to checking out the numbers.

- Gen

On Mon, Mar 2, 2015 at 4:31 PM, Turner, Ed <ed_turner@fws.gov> wrote:

Hi Genevieve, Here is a draft map you can use as a place holder in your chapter for review. I will run these data thru Lara's model and get numbers Tuesday if all goes well.

Note: we can change map threat colors as needed and adjust text. I use the words "Wild Horse Management Areas (HMAs)" for both BLM and USFS. Only thing, is USFS refers to these areas as Territories and not HMA's like BLM.

Also, we have some data overlap in MgmtZ 5 for sure. I'll combine the two data and see where else we have overlap. Remember they come from two different sources, so we are bound to have slight overlap. USFS may say they are managing an area when BLM says they are. I'll look into that is we have large areas of overlap.

Hope this helps a bit and know more in the next day.

Ed

On Mon, Mar 2, 2015 at 8:12 AM, Skora, Genevieve <genevieve_skora@fws.gov> wrote:

HI Ed,

Yes, May 1 is our drop-dead deadline to have the complete species status assessment to the RDs. That being said, we would need the data at least a week before in order to make sure we were able to incorporate it into the chapter.

I will be turning a first draft of the Wild Horse and Burro chapter in by Wednesday, March 4. Between now and late April the chapter will be reviewed by various people and then come back to me for edits/additions.

If we are able to get/produce updated information for the FS's WHB territories/populations, I would love to incorporate that into the chapter. If we aren't, then we'd have to fall back on the 2007 data with a disclaimer.

Thanks for all your work in tracking down this information!

- Genevieve

On Fri, Feb 20, 2015 at 11:22 AM, Turner, Ed <ed_turner@fws.gov> wrote:

Hello Genevieve, I wanted to keep you in the loop on the USFS WHM (territories) data issues.

I spoke with Tom Frolli this morning and he desired a visual map that would aid in his ability to track down data that we could use. He indicated that these data (2007 data on map) are out of date and possibly do not reflect what is on the ground or in use at this time. He also indicated that these data could be or may not be (at this time) updated by the actual Forest Units and have not been compiled into a National Data set. It is possible that with the aid of the map, he could determine if these data are valid or exist for NV, CA, OR and we may be able to get that.

I will keep you in the loop on what and if we can get any data. I did inform him that at this point our maps and numbers are considered draft (as placeholders) in the chapters and I suggested that we could use these till we have updated information. He did not seem opposed to that, but he would like to look into this further and see if he can help. That way we are not representing something that is out-of-date.

He would like to get a good handle on our timeline.

If possible, do you have an idea of when we need these data for the map and numbers? I provided what we have from BLM earlier this month and you can see on the map sent to Tom the extent of the USFS area, but I have yet to get any acres of territory footprint in relation to the current range. I assume we need to have the maps and numbers by May at least regardless if full correct?

Thanks for any input and we can discuss with Tom if you wish to use the 2007 draft (non-valid data).

Thanks, Ed

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Sum of Acres		
Range	**Mgmt_zones**	**Total**
Current Range	MZ I	48,359,844
	MZ II	37,115,827
	MZ III	28,803,339
	MZ IV	38,213,133
	MZ V	19,277,972
	MZ VI	2,757,910
	MZ VII	1,180,428
Current Range Total		**175,708,452**
Grand Total		**175,708,452**