From: Turner, Ed
To: Skora, Genevieve
Subject: Re: GRSG Wild Horse Management Areas
Date: Tuesday, March 03, 2015 3:50:42 PM
Attachments: ModelBuilder_Overlap_Run.xls
ModelBuilder_WHB_HMA_BLM_RangeMZ_acres.xls
ModelBuilder_WHBT_USFS_2015_RangeMZ_acres.xls
Manual_BLM_USFS_Overlap_full_intersect.xlsx
Manual_WHBT_USFS_Intersect_Run.xlsx
Manual_WHMA_BLM_Intersect_Run.xlsx

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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OBJECTID	Mgmt_zones	Bi_State	Name
1	MZ II	No	Wyoming Basins Management Zones
2	MZ III	No	Southern Great Basin Management Zone
3	MZ IV	No	Snake River Plain Management Zone
4	MZ V	No	Northern Great Basin Management Zone
5	MZ VII	No	Colorado Plateau Management Zone

FREQUENCY	JM_RangeMZ_Acres
19	4928426
107	8780098
21	2081854
46	4526080
1	8535
TOTAL	**20324993**

OBJECTID	Mgmt_zones	Bi_State	Name
1	MZ II	No	Wyoming Basins Management Zones
2	MZ III	No	Southern Great Basin Management Zone
3	MZ IV	No	Snake River Plain Management Zone
4	MZ V	No	Northern Great Basin Management Zone
5	MZ VII	No	Colorado Plateau Management Zone

FREQUENCY	JM_RangeMZ_Acres
19	4928426
72	7607122
21	2081854
40	4299003
1	8535

OBJECTID	Mgmt_zones	Bi_State	Name
1	MZ III	No	Southern Great Basin Management Zone
2	MZ V	No	Northern Great Basin Management Zone

FREQUENCY	JM_RangeMZ_Acres
22	1174894
4	298952

Sum of Acres		
Mgmt_zones	**Name**	**Total**
MZ II	Wyoming Basins Management Zones	4,928,427
MZ II Total		**4,928,427**
MZ III	Southern Great Basin Management Zone	8,780,092
MZ III Total		**8,780,092**
MZ IV	Snake River Plain Management Zone	2,081,854
MZ IV Total		**2,081,854**
MZ V	Northern Great Basin Management Zone	4,526,080
MZ V Total		**4,526,080**
MZ VII	Colorado Plateau Management Zone	8,535
MZ VII Total		**8,535**
Grand Total		**20,324,988**

Sum of Acres		
Mgmt_zones	**UNIT_NAME**	**Total**
MZ III	BURRO	26,063
	BUTLER BASIN	53,737
	Cherry Springs	14,304
	DOBBIN SUMMIT	48,721
	ELLSWORTH	9,842
	JAKES WASH	3,458
	KELLY CREEK	20,971
	LITTLE FISH LAKE	83,563
	MONITOR	339,187
	MONTE CRISTO	58,377
	Mt Moriah	49,824
	Murphy Wash Historic	26,110
	NORTHUMBERLAND	13,036
	PARADISE PEAK	7,149
	QUINN	31,982
	SEVEN MILE	3,167
	SHOSHONE	85,285
	STONE CABIN	1,461
	TIERNEY	77,079
	TOIYABE	84,405
	TOQUIMA	137,172
MZ III Total		**1,174,892**
MZ V	BIG SUMMIT WILD HORSE TERRITORY	1,754
	DEVIL'S GARDEN EAST	135,277
	DEVIL'S GARDEN WEST	80,694
	MURDERERS CREEK	81,227
MZ V Total		**298,952**
Grand Total		**1,473,844**

Row Labels	Sum of Acres
MZ II	**4,928,427**
Wyoming Basins Management Zones	4,928,427
MZ III	**7,607,121**
Southern Great Basin Management Zone	7,607,121
MZ IV	**2,081,854**
Snake River Plain Management Zone	2,081,854
MZ V	**4,299,003**
Northern Great Basin Management Zone	4,299,003
MZ VII	**8,535**
Colorado Plateau Management Zone	8,535
Grand Total	**18,924,941**