From: Turner, Ed
To: Wade, Beatrice
Cc: Genevieve Skora; Lara Juliusson
Subject: Re: GRSG WHB_HMA_BLM data help, Thanks
Date: Friday, March 27, 2015 12:49:18 PM

Sounds good, Thanks for all the help.
Ed

On Fri, Mar 27, 2015 at 11:45 AM, Wade, Beatrice <bwade@blm.gov> wrote:

Ed; We are working on the 2015 stats as we speak that will have the estimates for 2015 as of March but it will not be available until the end of April. And the stats you are looking at do not include any estimates for USFS areas whether jointly managed or just USFS.

Will look at you tables and get back to you.

B

On Fri, Mar 27, 2015 at 11:00 AM, Turner, Ed <ed_turner@fws.gov> wrote:

Hello Beatrice, I'm Ed Turner down in Carlsbad CA, providing GIS support on the 2015 FWS Greater Sage-Grouse Review and below is a message I had set to the National Operations Center that provided the Wild Horse and Burro data we are currently using. The data provided does not include AML's for the heard management areas and I was using the March 2014 statistics table to update the data for our use. Anthony Titolo suggested that I contact you.

I have run into a few snags and I have listed those and wondered if you could help clearly.

Tom Frolli, USFS has provided some information for the Hickison area and we are waiting on additional information from Alan Shepherd (NV State Lead). It sounds like the 2014 listed values are low and the area will actually classify the joint BLM/USFS area as Over AML, even though listed "Within AML" on the 2014 table.

I still need to address the other areas was hoping you could help. I have attached tables, but they may not email. If not please let me know and I will resend those, as they will help explain the numbers I am seeing.

Thank you for any information on this issue, Ed

---------- Forwarded message ----------
From: **Turner, Ed** <ed_turner@fws.gov>
Date: Thu, Mar 26, 2015 at 2:32 PM
Subject: GRSG WHB_HMA_BLM data help, Thanks
To: Vanessa Stepanek <vstepanek@blm.gov>
Cc: "Frolli, Tom -FS" <tfrolli@fs.fed.us>, Genevieve Skora <genevieve_skora@fws.gov>, Lara Juliusson <lara_juliusson@fws.gov>

Hello Vanessa, I'm currently using the "WHB_HMA_BLM" data (http://www.blm.gov/pgdata/etc/medialib/blm/wo/Communications_Directorate/public_affairs/landscape_approach/documents1.Par.38024.File.dat/updated%20BER%20catalog.pdf) in an attempt to join the "Herd Area and Herd Management Area Statistics, as of March 1, 2014" table for values of the related to Min / Max AML and Estimated populations. I have some questions because some of the records in the table seem as if they are coded incorrectly and some I am just unsure of.

I have included the BLM PDF Table and I have included a portion of my dataset tables (your dataset), modified to contain AML values fields and a AML mapping code.

The first issue deals with records that set Zero (0) values for the estimated populations, but have min and max AML limits. When working with the USFS data I had similar cases and they informed me that USFS areas with Zero estimated populations that still containing min/max are considered active areas, just void of animal at this time. I coded your areas that resemble this coding as "Possible Inactive". Do you believe these areas will be inactive our do you feel these areas should be coded like that of the USFS territories? If so, your areas that meet this coding will actually code as "Within AML" at current due to zero estimated population (see-attached table Possible Inactive). If you can clarify this, it would be greatly appreciated.

Secondly, there are a few records that fall within Nevada that I need clarification on.

The following areas have the same issue; Muddy Mountains, Silver Peak, and Marietta. These areas list as a single herd type, be it Burro or Horse, but in fact have values listed for the opposite herd type estimated population. Ex. Muddy Mountains list as a Burro herd, but list Zero's for Burro min/max/Est pop and actually list a value in the Horse Est pop field. I have assumed that these three records were miss coded as one herd type and I have changed those in the data to herd type = "Both". Do you feel this is correct or do you feel they may have just indicated the wrong herd type in general? In other word, maybe Muddy Mountains should actually be classed as herd type = "Horse" if the burro fields has all zeros. Any thought on this would be very helpful. (Please see BLM Herd Questions excel table)

Lastly, I am trying to sort out the Hickison area in Nevada. This area too list both herd type values, but states that the record is for Burro only. The problem with this record is the Horse values put the area "Over AML", but the burro values put the area "Within AML". Do you think this record is recorded correctly and if so, how would you classify it. I have to be able to represent the one area (one polygon) as either "Within AML or Over AML". If the horse value entered in the Est pop is incorrect the easy fix is classify as "Within AML" and remove the Est horse pop value. If the record is in fact correct, I assume we should classify the area as above AML, because they have stated that Horse Min/Max should be Zero (0), but they estimate that 25 horses will actually use the area. It would be very helpful to clarify this, as the USFS territory formerly named "Burro" is now considered managed within Hickison and that polygon needs to adopt the correct BLM values. (Please see Hickison excel table) Note: I have recorded this record in my copy of your data as, Herd = "Both"

Thank you for your time and assistance as I need to resolve these issue to further process these data.

Ed

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Edwin Turner, Geographer

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