

From: [Grizzle, Betty](#)
To: [Guinotte, John](#)
Cc: [Turner, Ed](#)
Subject: Re: usfs nrfs
Date: Friday, February 17, 2017 10:20:07 AM

Right. Rather than creating more emails for the record about methods, let's talk next week.

John - What is the best time on Tuesday for us to call you?

On Fri, Feb 17, 2017 at 10:18 AM, Guinotte, John <john_guinotte@fws.gov> wrote:

Thanks Ed. I'm asking around our shop to see if there is any kind of standard operating procedure for the FWS on creating current range. So far it doesn't sound like this exists. Lets chat about it next week.

Best, John

John Guinotte
Fish and Wildlife Biologist
Ecological Services
U.S. Fish and Wildlife Service
Mountain Prairie Region 6
134 Union Blvd., Lakewood, CO 80228
303-236-4264
john_guinotte@fws.gov

On Fri, Feb 17, 2017 at 10:12 AM, Turner, Ed <ed_turner@fws.gov> wrote:

Sounds good John. I went back and looked at my kernels and MCP (minimum convex polygons) and I tried different settings, but always got this general output.

I don't do that stuff much anymore though, so rusty I guess.

Ed

On Fri, Feb 17, 2017 at 7:56 AM, Guinotte, John <john_guinotte@fws.gov> wrote:

Thanks, I'm on the same page w you Betty re not using the earlier method. I thought I saw some lines drawn on those maps in GIS, but maybe those lines were drawn in pencil as options. Ed-I'll send you a couple of plots of kernel density I used on the points you gave me. As you know, there are a lot of judgement calls to make using kernel density so you can really impact the final result with those options. Long way of saying these are very preliminary and open for discussion.

Best, John

John Guinotte
Fish and Wildlife Biologist
Ecological Services
U.S. Fish and Wildlife Service
Mountain Prairie Region 6
134 Union Blvd., Lakewood, CO 80228
303-236-4264
john_guinotte@fws.gov

On Fri, Feb 17, 2017 at 8:44 AM, Grizzle, Betty <betty_grizzle@fws.gov> wrote:

John - We did walk through Nick's previous effort, but we will likely NOT be using his methods for whatever final "current" range map we decide on for the SSA Report. I will talk to Ed about this today. But let's talk on the phone on Tuesday next week.
Betty

On Thu, Feb 16, 2017 at 5:07 PM, Turner, Ed <ed_turner@fws.gov> wrote:

I think you may be talking about Nick and Shawn's DPS Geographic range that we considered "Prior".

I had some of Nick's working data, but not all, so I had to try and put it together and try and understand his process. Since then, we spoke with Nick over at Boise BLM and he said he has final data and that I had working data. He said he'd get back to me about the process, but I went ahead and followed his model concept and ran everything as polygon operations. I questioned him on how he picked up some areas that I did not in his run and I assume that was because he reclassified the original grid cells up to 1000x1000, thus making the patch area cover larger.

I ran everything based on the original grids and told him I did it all in polygon processes. He then told me he thought they ended up doing that in the end, but he would get back to me with his process.

I'll try to get this all organized and maybe Betty will be back Friday before I send it. That way I can make sure you're getting the right stuff.

Here are maps of what he had and what I had.

The one map shows Nick's Prior Range (DPS) and the habitat I came up with and the Range that I came up with. We both built habitat based on Snow between 2000-2007 that was at least 1-7 for cover. If a grid cell had a Zero (0) it was no snow, used the Inman primary habitat, and the Inman Female Dispersal.

I'll send my notes.

The next map is the one that Nick had in his folders representing the modeled habitat and the range based on a 20 km extend (buffer) on the grid. Again he said he used poly process in the end, so this may not be the final of what he had.

Hope this is not too confusing.

I have everything in gdb's and will need to zip and send in a few emails, most likely.

Have to do some Sect. 6 parcel work right now, but will get this out to you tonight or Friday morning.

Have a good evening,

Ed

On Thu, Feb 16, 2017 at 3:08 PM, Guinotte, John <john_guinotte@fws.gov> wrote:

Thanks Ed, No hurry on this as I won't be able to look at it until Tues of next week, but if you get a chance could you send me your working files you came up with for current and historic range boundaries. Betty showed me a few of these on the hard copy maps and I'd like to be able to pull them into GIS.

Best, John

John Guinotte
Fish and Wildlife Biologist
Ecological Services
U.S. Fish and Wildlife Service
Mountain Prairie Region 6
134 Union Blvd., Lakewood, CO 80228
303-236-4264
john_guinotte@fws.gov

On Thu, Feb 16, 2017 at 3:02 PM, Turner, Ed <ed_turner@fws.gov> wrote:

Sounds good. Should be here the entire day.

Thanks, Ed

On Thu, Feb 16, 2017 at 1:58 PM, Guinotte, John <john_guinotte@fws.gov> wrote:

Thanks Ed,

Are you around on Tuesday of next week to do a 3 way call with Betty?

Would be about finalizing the current US range map. Looks like you've made a lot of progress on this.

Best, John

John Guinotte
Fish and Wildlife Biologist
Ecological Services
U.S. Fish and Wildlife Service
Mountain Prairie Region 6
134 Union Blvd., Lakewood, CO 80228
303-236-4264
john_guinotte@fws.gov

On Thu, Feb 16, 2017 at 12:34 PM, Turner, Ed <ed_turner@fws.gov> wrote:

Hi John, This is the complete file as we received it, with just my den code

and the link, source, year stuff I put in.

Hope this helps, Ed

On Thu, Feb 16, 2017 at 11:29 AM, Guinotte, John

<john_guinotte@fws.gov> wrote:

Hi Ed, One more request. Can you send me the shapefile for the usfs obs?
The ones that went through some kind of QA/QC according to Betty.

Thanks John

John Guinotte
Fish and Wildlife Biologist
Ecological Services
U.S. Fish and Wildlife Service
Mountain Prairie Region 6
134 Union Blvd., Lakewood, CO 80228
303-236-4264
john_guinotte@fws.gov

--

Edwin Turner, Geographer
GIS Mapping and Analysis Branch

DOI-R8-CFWO
USFWS Carlsbad Fish and Wildlife Office
2177 Salk Ave. Suite 250
Carlsbad, CA 92008
760.431.9440 x266

Ed_Turner@fws.gov
760.431.9440 x266

--

Edwin Turner, Geographer
GIS Mapping and Analysis Branch

DOI-R8-CFWO
USFWS Carlsbad Fish and Wildlife Office
2177 Salk Ave. Suite 250
Carlsbad, CA 92008
760.431.9440 x266

Ed_Turner@fws.gov
760.431.9440 x266

--

Edwin Turner, Geographer
GIS Mapping and Analysis Branch

DOI-R8-CFWO
USFWS Carlsbad Fish and Wildlife Office
2177 Salk Ave. Suite 250
Carlsbad, CA 92008
760.431.9440 x266

Ed_Turner@fws.gov
760.431.9440 x266

--

Betty J. Grizzle, D.Env.
Fish and Wildlife Biologist
U.S. Fish and Wildlife Service
Carlsbad Fish and Wildlife Office
2177 Salk Ave, Suite 250
Carlsbad, CA 92008
760-431-9440, ext. 215
760-431-5901 fax

--

Edwin Turner, Geographer
GIS Mapping and Analysis Branch

DOI-R8-CFWO
USFWS Carlsbad Fish and Wildlife Office
2177 Salk Ave. Suite 250
Carlsbad, CA 92008
760.431.9440 x266

Ed_Turner@fws.gov
760.431.9440 x266

--

Betty J. Grizzle, D.Env.
Fish and Wildlife Biologist
U.S. Fish and Wildlife Service
Carlsbad Fish and Wildlife Office

2177 Salk Ave, Suite 250
Carlsbad, CA 92008
760-431-9440, ext. 215
760-431-5901 fax