

From: [Lindsey Wise](#)
To: [Turner, Ed](#)
Cc: [Betty Grizzle](#)
Subject: Re: ORBIC EO Poly / EOdata Table
Date: Monday, January 9, 2017 2:57:12 PM
Attachments: [ORBIC_wolverine_ind.gdb.zip](#)

Ack, the previous email had two attachments and one wasn't a good one- here is the good one. Sorry again. Today has been discombobulating.

On Mon, Jan 9, 2017 at 1:46 PM, Lindsey Wise <lindsey.wise@pdx.edu> wrote:

Hi Ed,

I figured out why the join wasn't working - my export scripts for the visit and site data were excluding the independent features, so that data isn't a part of the export you received. I remember now that we had been excluding those records for some users since it is confusing why there are these "orphan" records, but they have since become part of the default spatial export. So, I have updated my scripts to export the tabular data for those records as well.

Attached is a new wolverine export for you for those independent records. There is a built-in relationship between the points and the visits (a couple points have more than one visit) but you can also join on SOURCE_FEA to SFEAT_ID.

Sorry for all the trouble.

Lindsey

On Fri, Jan 6, 2017 at 6:03 PM, Turner, Ed <ed_turner@fws.gov> wrote:

Hello Lindsey, Thank you for the help and the pdf report provided greater information than I was able to join using the tables and the EoData/Eopolys.

On the point location data form the Fall 2016 gdb, I attempt to join the points "SOURCE_FEA" (data does not have "SOURCE_FEATURE_ID" filed. See pdf)

But I join that to the "SFEAT_ID"; however my output result are <Null> values in the attribute fields from the Visit Table. I was assuming this was because these are all INDEPENDEN ' "Y" and maybe additional info does not really exit, thus the "Y" class?

INDEPENDEN - Indicates if the feature is independent of an EO. Independent source features are created when ORBIC cannot sufficiently define the location of a source in order to create an EO. These independent features are useful for county distributions and to store data in case a more accurate location can be determined at a later date.

Maybe you could see if a join work on your side if you have some time to look at that.

The wolverine_obs file, looks very helpful because I just received today a wolverine pull from the USFS NRIS database and will verify those two data.

USFS told me the new pull will replace prior locations and I'll check the two then limit to the remaining 31 records as they have a nice detail information. Those additional 31 records on the Malheur National Forest will be useful to look at and I will see if those are covered by other data. Quick check looks like they may be covered by the USFS data, but I'll know more Monday.

Thanks again and don't know why I'm having issues with the visit table join unless the Independent source pts just do not have any additional info?

Ed

On Fri, Jan 6, 2017 at 4:11 PM, Lindsey Wise <lindsey.wise@pdx.edu> wrote:
Hi Ed,

It's no trouble. I ran a PDF report of all our wolverine EOs, it can be handy to have the tabular data in one document. The three unmapped EOs are vague locations as we suspected, though if needed to you could guess the approximate area based on the descriptions.

I also discovered that some data had been entered into the wrong field and so wasn't showing up in our exports, so I moved it - check EO_ID 36345 to see, this is the record near Roseburg. It just gives some more info about why we think the record is reliable, description of what was seen, etc.

As for the independent source features, since they aren't tracked as EOs they won't join to any of those tables in the file geodatabase, but they SHOULD join to the visitdata table by joining SOURCE_FEATURE_ID to SFEAT_ID. The Visit table will tell you what information we have about those sightings. If that's not working for you let me know and I can create a new export of those.

The only other useful info for the independent features would be the source feature descriptor and source feature locator fields, which describe the location (e.g., "Boulder Creek Wilderness near Medicine Creek, off Rd. 450 in upper unit"). Those fields are in the sitedata table (sometimes called sourcedata).

Lastly, I zipped up a shapefile from our point observation database for wolverine sightings - this is an un-QC'd dataset, we use it to store animal observations that we may use at some point, for modeling or other projects. Many of these points are also in the independent source feature set but some are not, either we haven't yet gone through them or they may be more questionable records. There's a disclaimer PDF for this set as well.

Let me know if you have more questions or need anything else.

Cheers,
Lindsey

On Fri, Jan 6, 2017 at 3:02 PM, Turner, Ed <ed_turner@fws.gov> wrote:

Hello Lindsey, I hope I didn't cause too much work for you.

I just now drilled down in the Eodata table and was able to determine that EO_ID: 2892 and 15068 because they were just too general in location information, were most likely not mapped.

Likewise it seems like the EO_ID 1061 was not mapped either due to the fact that it only reports as 9 MI. SE of Mt Hood. Meaning it could have a very large inaccuracy.

We will just hold on to these records in tabular form as they had historically been seen in Mt Hood vicinity and out west of the Three Sisters.

I do appreciate your help with the source_pt data and that will help determine if we retain those or just look further at the USFS records we will receive.

Thank you again for all your assistance and have a great weekend,

Ed

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