**Most of the data on this website has information about the data, a map, and a data table, as well as an option to filter data.**

- Zip code
  - Delaware county decided to evaluate and clean these up in 2003, and it contains the most recent version of zip codes within Delaware County, OH.
    - 43015, 43066, 43074, 43082 are a few zip codes in the surrounding area of Delaware county.
    - This was last updated on October 2nd, 2022. I added this in there because it felt significant to say that local data is constantly being updated and changed.
- *****DISCLAIMER: All of them were updated on October 2nd, 2022! That wasn't as special of a detail as I assumed it to be :(**** ***DOUBLE DISCLAIMER, I WAS WRONG.*****
- Recorded Document
  - Consists of points that are represented by recorded documents in plat books, cabinet/slides and instruments that are not represented by subdivision plates that are active.
    - Easement was an example I clicked on, unsure what it means but it's cool to look at.
- School District
  - Consists of all school districts within Delaware county, OH. Self explanatory.
- Map Sheet
  - Contains all map sheets within Delaware county, OH
  - Map sheet note for myself because for some reason I blanked on what this is, it's an individual map or chart either complete in itself or part of a series.
- Farm Lot
  - Consists of all farm lots in both the US Military and the Virginia Military Survey Districts of Delaware county.
  - Facilitates identifying all farm lots and their boundaries within areas listed abode.
  - Maintained on an as needed basis where new surveys have been recorded.
- Township
  - Consists of 19 different townships that sum up Delaware county, OH.
  - Also updated on an as needed basis, but is published monthly.
- Street Centerline
  - Lots of jargon with this, but is intended to support appraisal mapping, 911 emergency response, accident reporting, geocoding, disaster management, and roadway inventory that conforms to ODOT's roadway inventory standards.
  - Updated daily for all fields but the 3-D fields which are updated on an annual basis and published monthly.
  - My aunt worked at ODOT. Now she works at ODOT, but not Ohio if that makes sense.
- Annexation
  - Contains Delaware county's annexations and conforming boundaries from 1853 to present.

- Condo
  - All Condominium polygons
- Subdivision
  - All subdivisions AND condos recorded in the recorder office Delaware county.
- Survey
  - Shapefile of a point coverage that represents surveys of land within Delaware County.
  - Municipal/village jurisdictions that reside in these offices as of 2004.
  - Scanned by GIS staff (You go! That's like 17,000 records. Insane.)
- Dedicated ROW
  - All dedicated road right of way polygons in Delaware County.
- Tax District
  - All tax districts in Delaware County, self explanatory.
- GPS
  - Identifies all GPS monuments that were established in 1991 and 1997.
  - Updated on a needed basis, published monthly.
- Original Township
  - When you expand on the details, it really doesn't tell you much. But, it says they are the original boundaries of the townships in Delaware County prior to tax districts.
- Imagery 2019
  - 2019 Aerial imagery of Delaware County
- Hydrology (Take screenshot from)
  - Consists of all the major waterways within Delaware County
- Precinct
  - Polygons that determine voting precinct boundaries
- Parcels
  - Consists of all parcels within Delaware County
- PLSS
  - Public Land Survey System in both the US Military and Virginia Military Survey District.
  - Facilitates in identifying all of the PLSS and their boundaries.
- MSAG
  - The Master Street Address Guide, consists of 28 different political jurisdictions such as townships, cities, and villages that make up Delaware County.
- Municipality
  - All municipalities within Delaware county.
- Building Outline
  - All building outlines for all structures
- Delaware County Contours (Also take screenshot from)
  - 2018 Two Foot Contours for Delaware County
  - In file Geodatabase format
- Street Centerlines

- ○ Data set that is a spatially accurate representation of all certified addresses within Delaware County Ohio
- Address Points
  - ○ Self explanatory
  - ○ Based on State of Ohio Location Based Response System Address Points data.
- Delaware County E911 Data
 - ○ Is this more 911 dispatch??
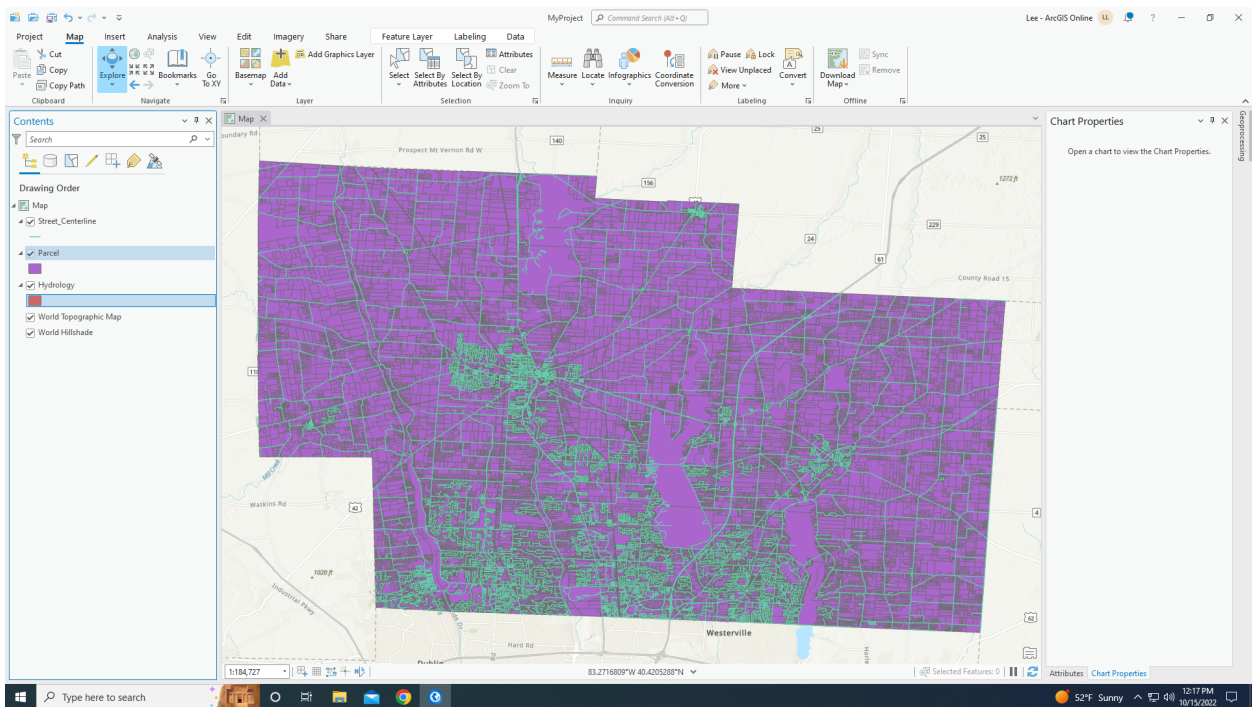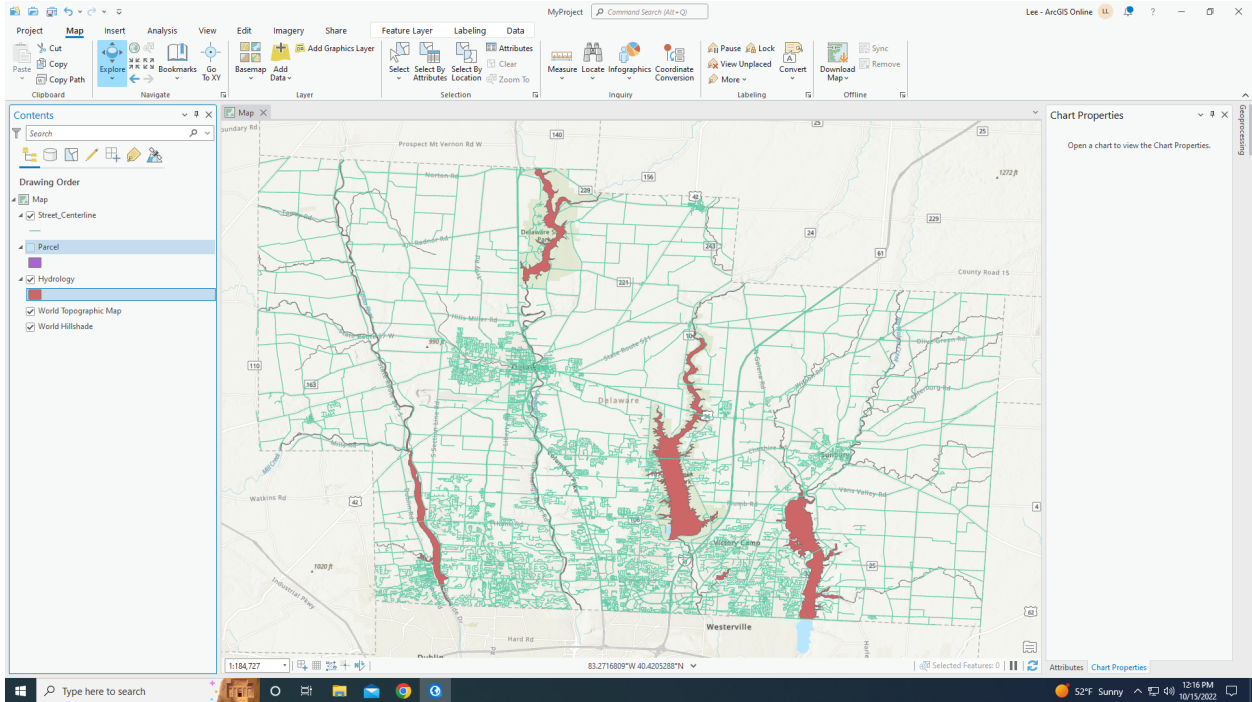
Removed parcels for a second so you could see the hydrology layer. Crazy colors cause are you surprised?

Final

       Because I like torturing myself as much as the next person, I chose Finding what's inside and mapping change.

Finding What's Inside

- For this exercise I decided to use township and farm lot because when I drive in different parts of Delaware, I notice that there is a lot of farmland despite being a slightly more urban area because it's so close to Columbus. So I started off by downloading my shapefiles from the Delaware county data hub and then I put the township as more transparent because you couldn't see farm lots very well.
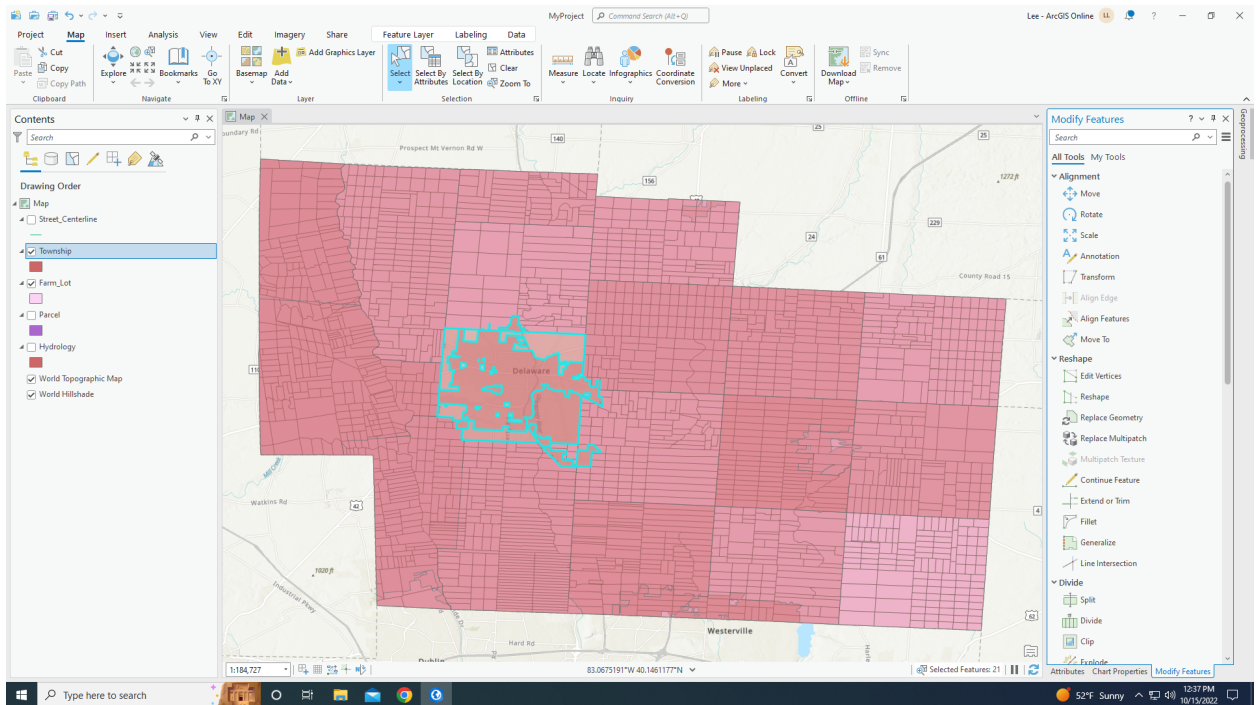

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- I excluded all counties except Delaware and Delaware township because I wanted to focus on those before I looked more into what was going on near where I drive home agriculturally (I drive through Berkshire and Sunbury to get to Cambridge, so this made sense to look into.)
- I also decided out of nowhere to add hydrology because I realized maybe waterways may be affected by farmland
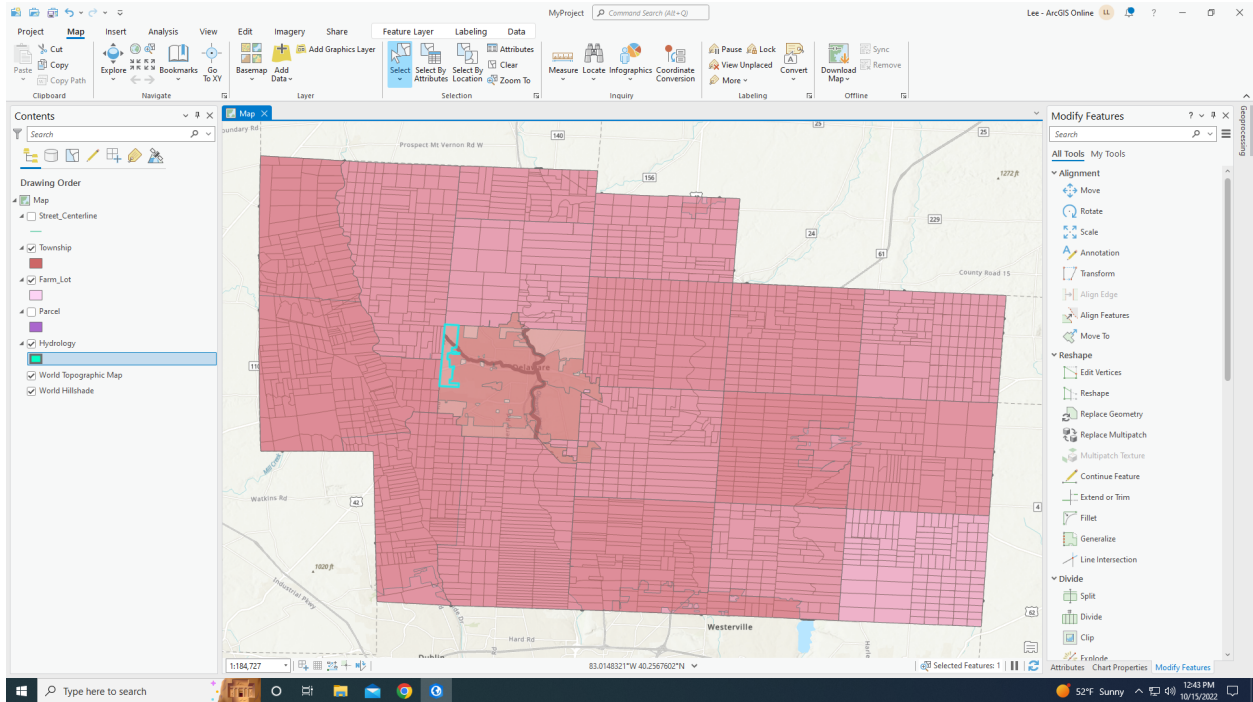
- Going to be frank with you, I'm unsure of where I'm going with this because for some reason I'm not very good at creating scenarios.
- Anyways, I made the hydrology in Delaware township more bold so it was able to be noticed better (It was like 0.7 width. So, I made it thicker so it could be seen better.)
- I clicked random parts of the township because I was curious to see if there were any distinct agricultural areas. I don't think I had any luck honestly. Ohio health popped up, so I think that Delaware township is a very intense farm oriented area. I think the waterways were the Delaware run and the Olentangy river but I could be wrong.
- I realized I really like the pop up feature, where you right click on an area and click 'What's here?' I think that helped me more than anything with just understanding Delaware a bit better even though it wouldn't have anything in the area I clicked besides coordinates.
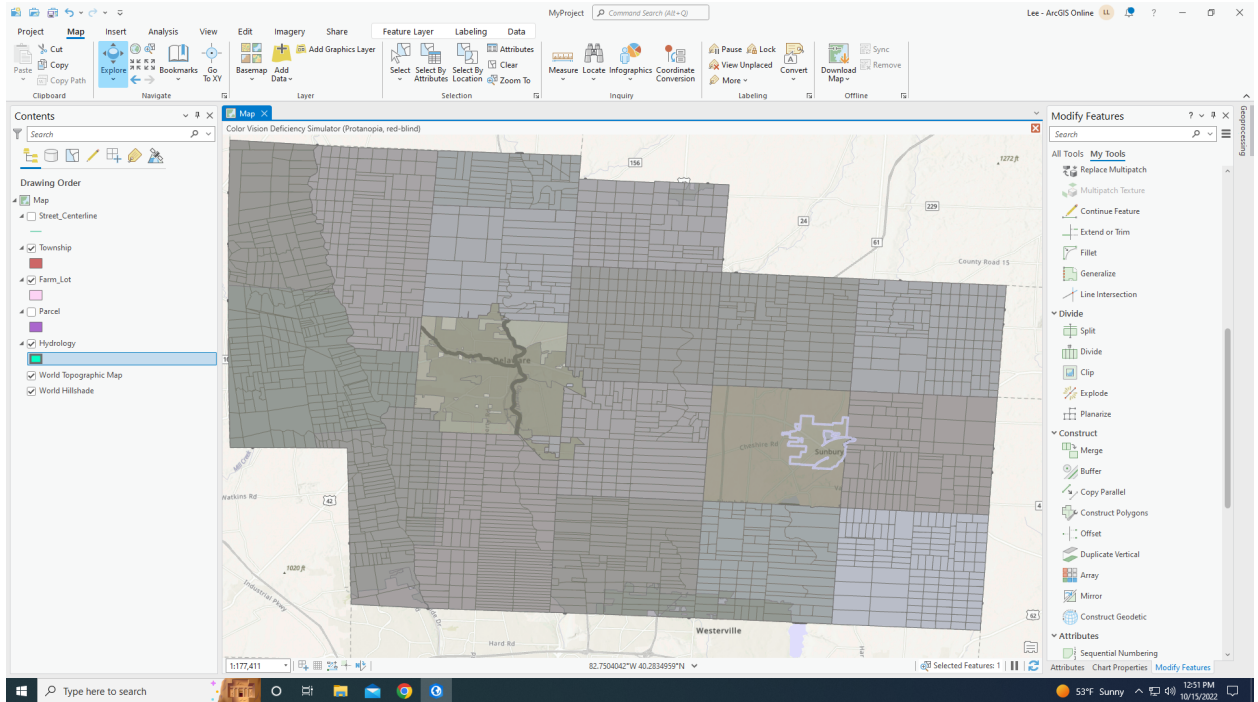
- Accidentally made this color blind friendly, but I also clipped Berkshire and Sunbury, where I usually see the most agricultural activity on the way back home.
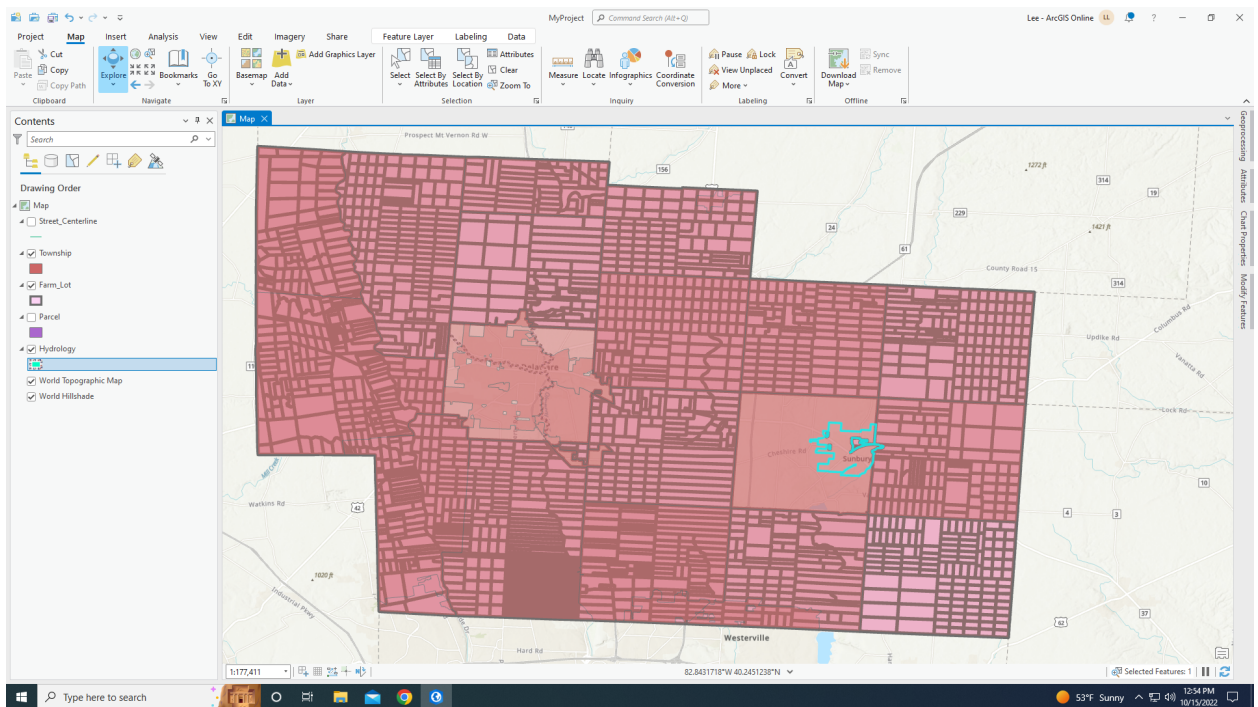
I think I've learned that I may need more time with this program. I clipped the two but the program seems to neglect Sunbury and Berkshire, not sure why or maybe it doesn't have any water in it

I checked out the website to see if that was my bad, so I filtered the value ID's 1-5 and was very confused because I guess I assumed Delaware as a whole had a lot more farmland?

I think I did this wrong though..This was very much not elaborate, but I tried my best to go through this and understand it a bit better. I know my map is basic, but I think I wanted to try to understand how to do this better without structure (Most modules we did had structure, without it, it seemed very confusing and muddled because I felt I had too much autonomy over what I could do for this.) I know you probably didn't want that in here but I wanted to let you know where my personal downfalls were as a student who struggles with GIS.

Mapping change

- I felt the textbook explained things, but not as well as I hoped so I'm switching between the book and troubleshooting with this because I'm struggling to understand what to do at the moment.
- I think Mitchell has a great way of explaining general ideas, but I find when I try to execute the said ideas, I stumble and fall with these concepts.

Failed attempts to do the task at hand.
I calculated the values and attempted to sort them. I think I did it wrong though.
I searched the internet to see how to do this and couldn't find anything.
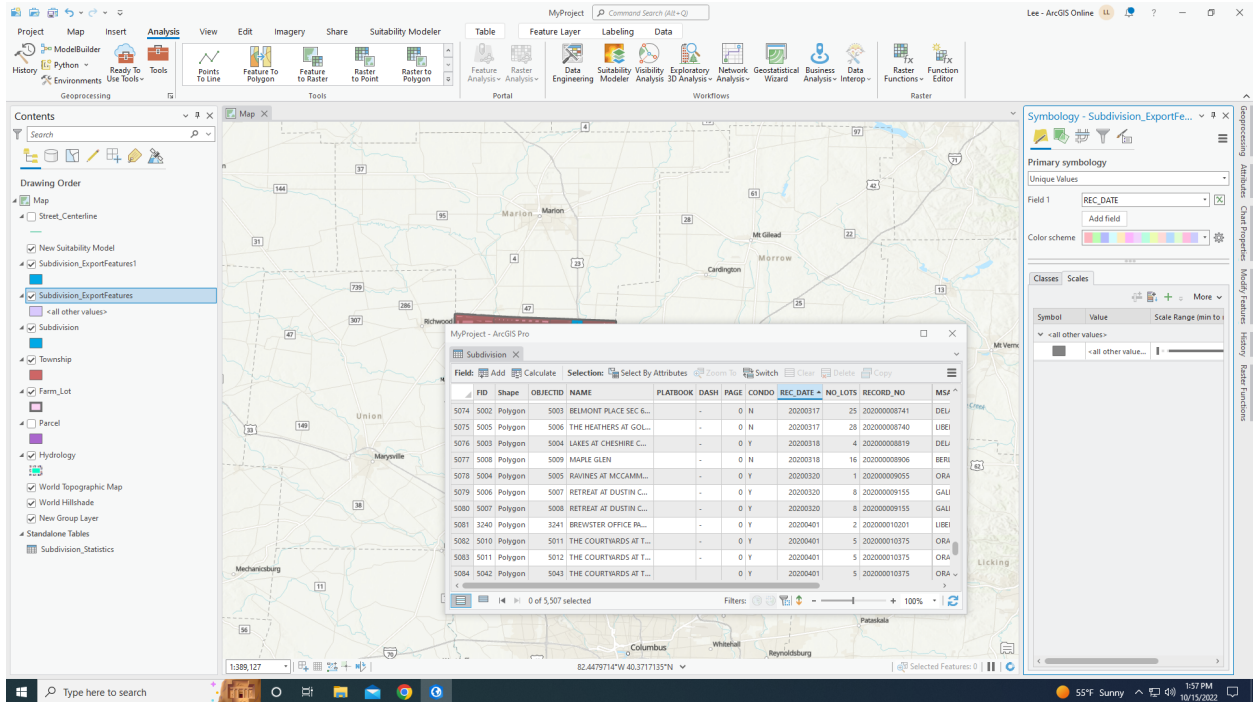
I thought I had something for a second but I was wrong.

Find what's nearby

- I struggled too much with mapping change, so I'm going to attempt this one.
  - I just continued using the county map from the data inventory but created a hydrology buffer. I don't think I had some genuine significance behind this but I felt that it is significant in looking at specific waterways in the county.
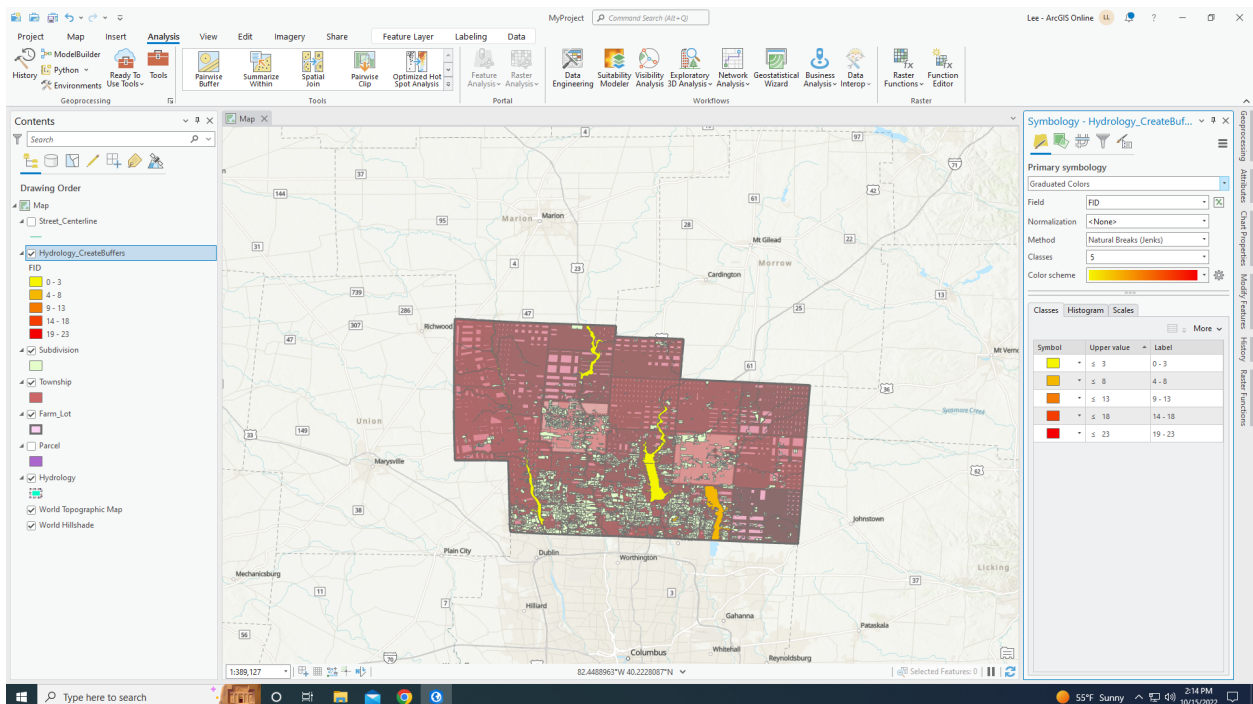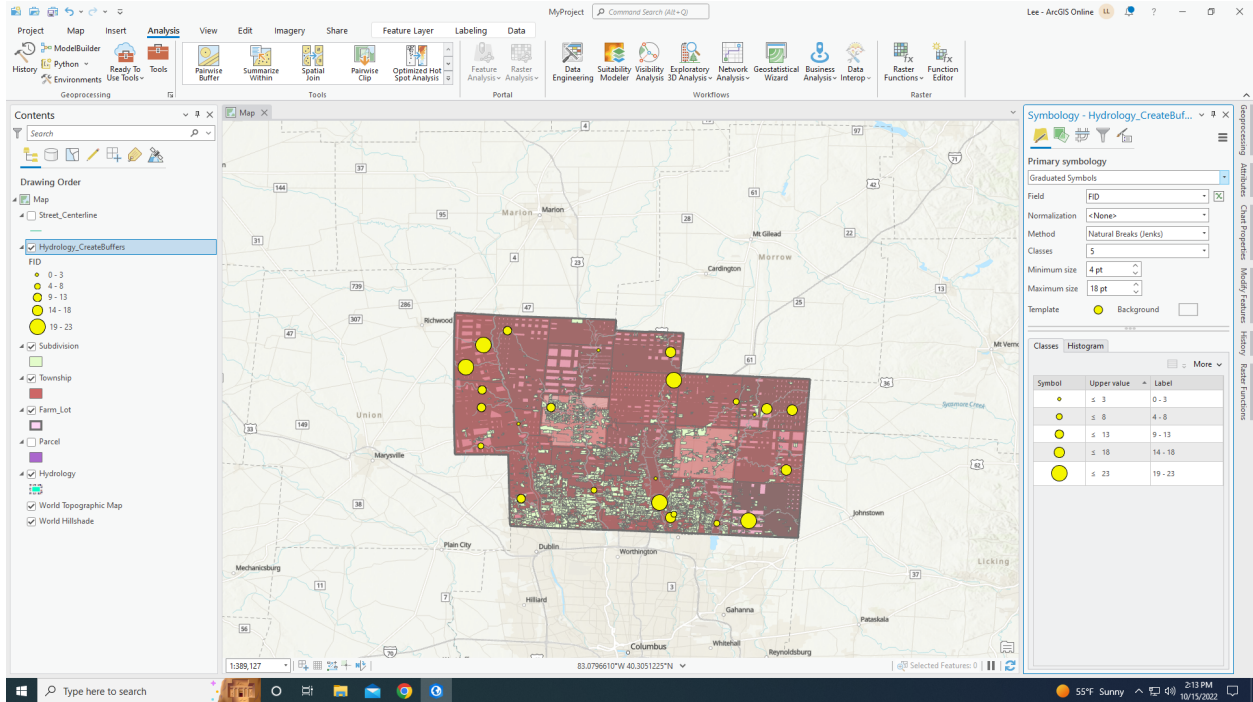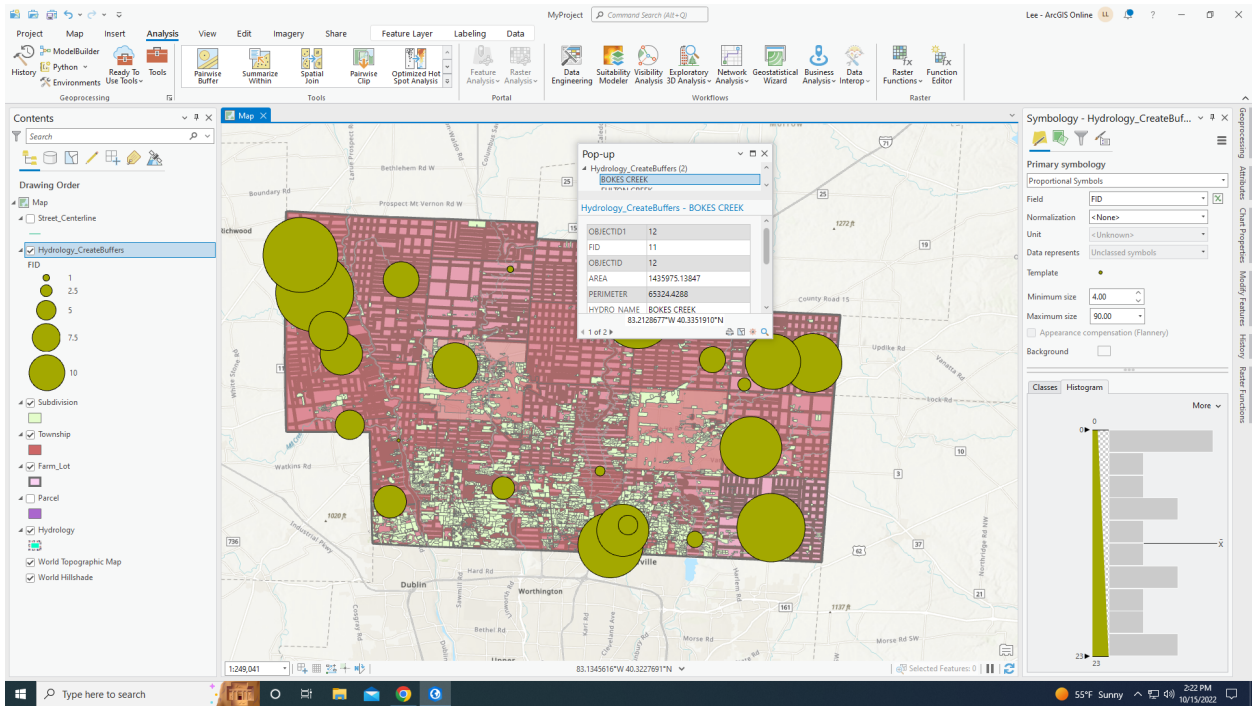

I looked at this buffer in random formats just for the sake of seeing what they looked like.

The dot one was a bit strange to me, I guess it's similar to people using different tables, graphs, and forms of data in order to distribute information?
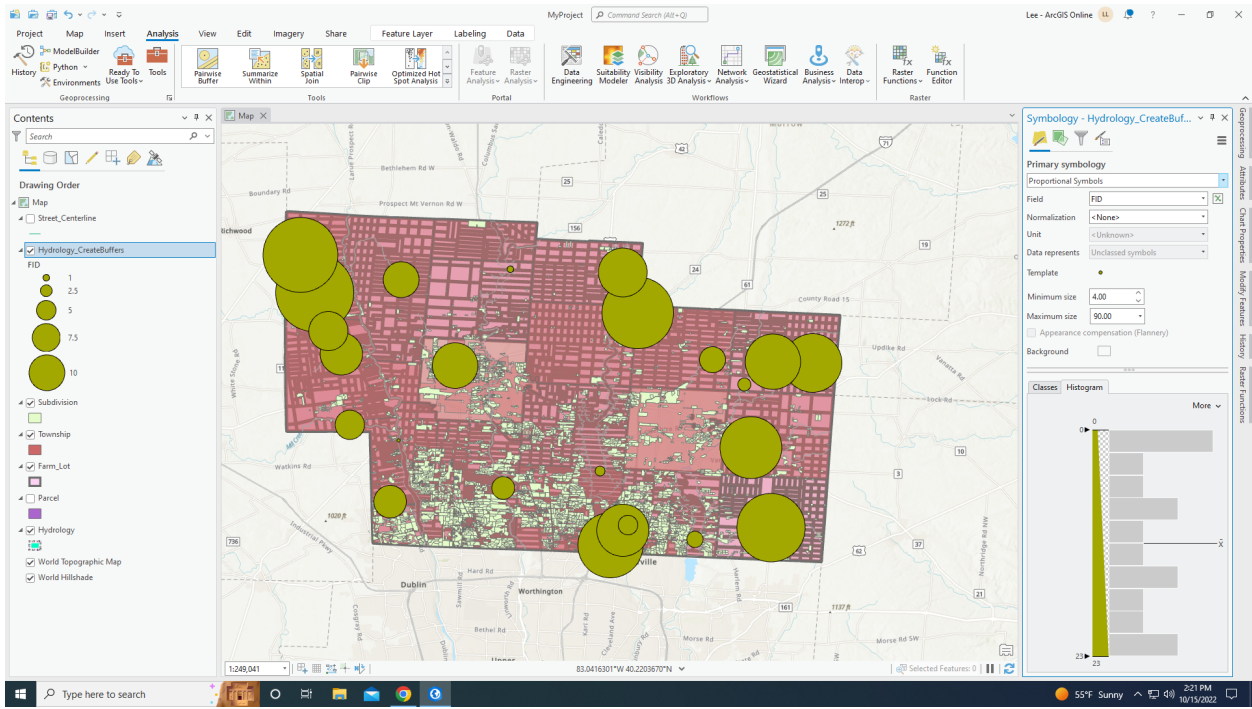

Each one seems to show things in a very different way, an example of this is this one focuses more on the creeks and runs.


I found this extremely cool!

I found that there wasn't hardly any orange to red in the second photo. I mean there is mostly yellow and a little bit of orange yellow which I found strange. (Orange-Yellow was Hoover Reservoir.)

I realized it may have taken only reservoirs, so it had Delaware, Scioto river and Alum creek.
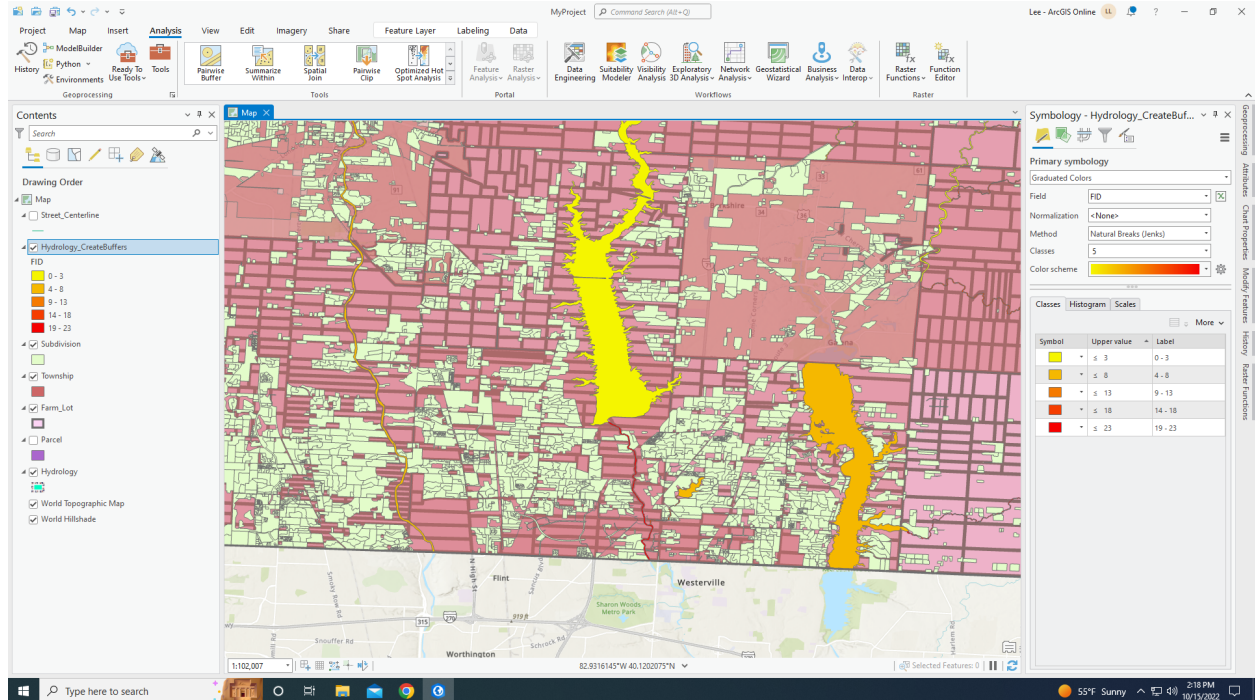

I zoomed in a bit closer and realized they were all here. I think it's classified by how large and small waterways are, which explains why smaller streams are red or an orange color.

I also created a farm lot buffer, I'm not as creative with these but I think it's cool to look at these as a whole.
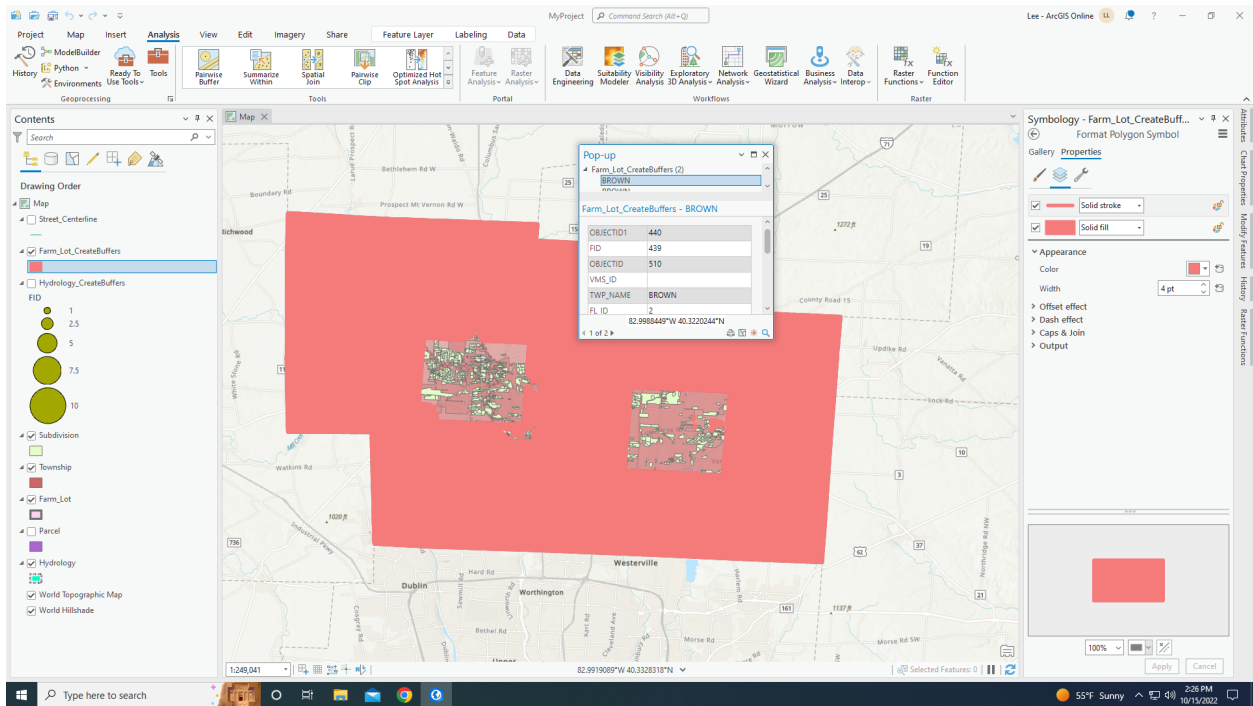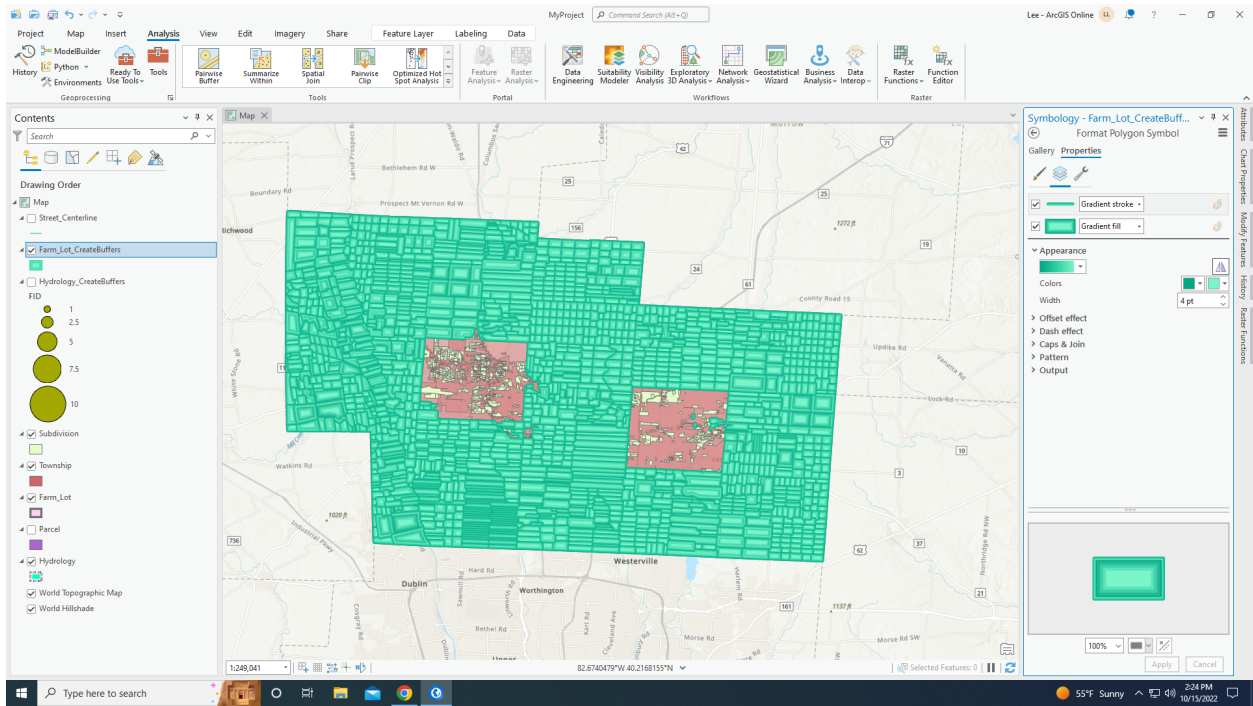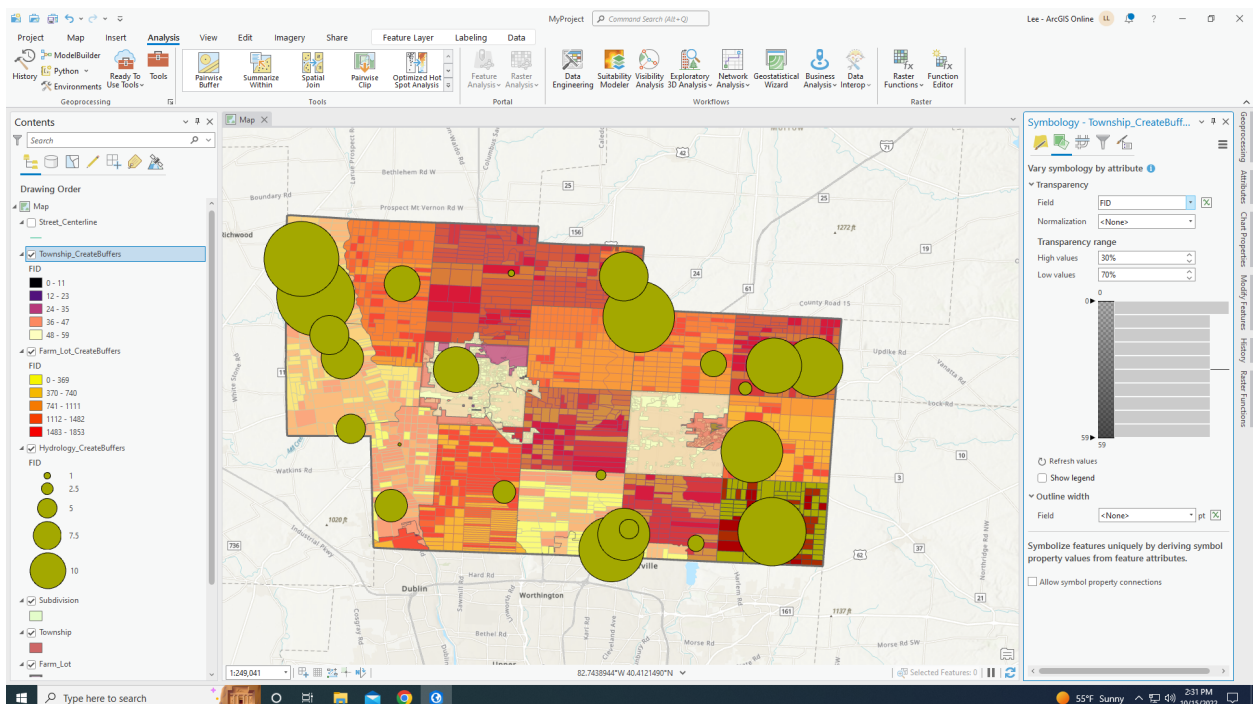
I found farm lot to be a lot more generalized in terms of explaining the lot, while waterways were far more explaining. (Again, another way of expressing information.)
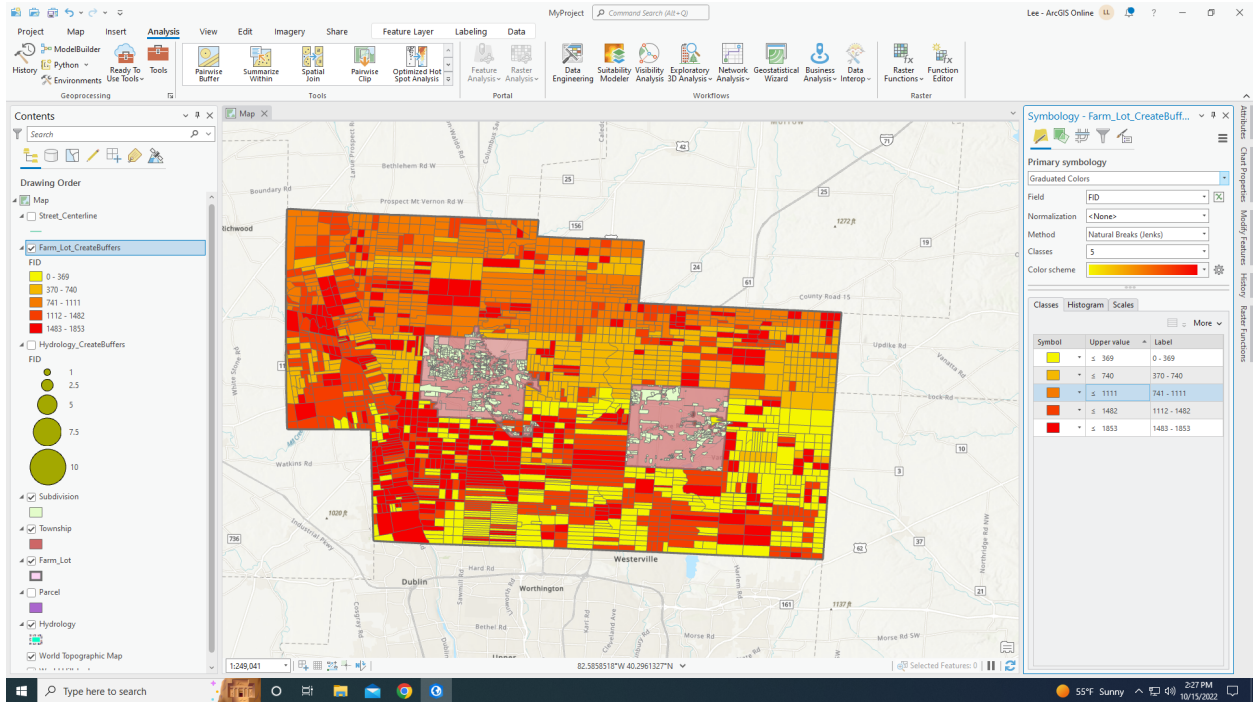
It still had Delaware, Berkshire, and Sunbury excluded which was interesting. Just now realized that but I think it's okay.
I feel a little bit better and less upset about my mapping change failing.

I put multiple buffers together for the kicks and giggles and also used a transparency feature so I could have 3 buffers being shown at once. (Township, hydrology, and farm lot.) I do wonder how the soil is in those farm areas that are close to reservoirs but also I wonder about the water

quality of the waterways because of farmland acting on them. (Thinking about pesticide, fertilizer, and herbicide leaking into waterways.)