

Attempt 1



In Progress

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**Unlimited Attempts Allowed**▼ **Details**

Maintaining good geospatial data can happen through a top-down approach, but many agencies, organizations, and companies have found it more useful in some situations to crowdsource their data.

The National Map Corps is a crowdsourcing mapping project with volunteers editing structures in the U.S., Puerto Rico, and the U.S. Virgin Islands.

For this assignment, you'll navigate to your hometown or places that you know fairly well and try to find a structure that could be listed, but is not yet on the map.

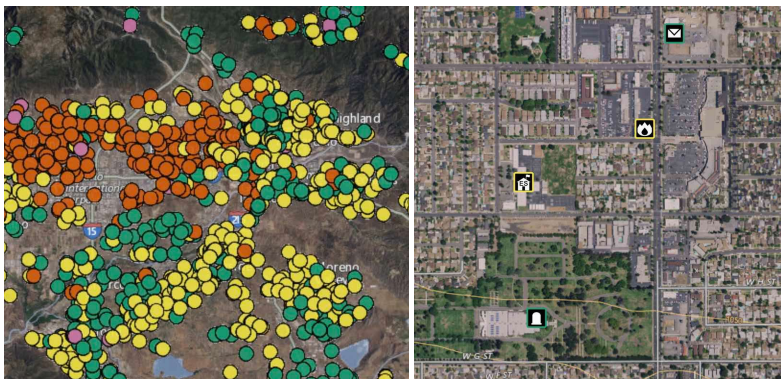
Here is the full list of structures that are mapped, with descriptions of each type of structure:

[https://navigator.er.usgs.gov/help/WebHelp/structure\\_def\\_table.pdf](https://navigator.er.usgs.gov/help/WebHelp/structure_def_table.pdf)

([https://navigator.er.usgs.gov/help/WebHelp/structure\\_def\\_table.pdf](https://navigator.er.usgs.gov/help/WebHelp/structure_def_table.pdf)). This website has additional info about what is and isn't

mapped: <https://my.usgs.gov/confluence/display/nationalmapcorps/Structures>

(<https://my.usgs.gov/confluence/display/nationalmapcorps/Structures>).

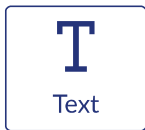


Left image: "Dots"; Right image: "Icons"

1. Head to the National Map Corps here: <https://www.usgs.gov/core-science-systems/national-geospatial-program/national-map-corps> (<https://www.usgs.gov/core-science-systems/ngp/tnm-corps>)
2. Click to open the National Map Editor
3. **Zoom** in to a place you know fairly well, such as your hometown or the U.S. city that you know best.
4. **Zoom** in far enough that the data points look like **icons** for schools, cemeteries, etc., rather than dots (see pictures above).
5. The point of this task is to connect what you know about a place to the map well enough that you can interpret what you are seeing on the map and figure out ways to improve on the map data. There are two ways to earn points for this assignment.
6. **Option 1:** Find at least one location on the map (in any city) that has not yet been labeled, or whose label should be removed (e.g. if a post office closed or relocated, the old icon should be removed).
  - A partial list of locations that anyone can add: schools (all levels, but not daycares unless they are partially considered schools), fire and law enforcement stations, cemeteries, post offices, and city halls.
  - **Whether you actually log in and join the effort and add this location to the map is up to you!**
  - **To earn points, upload a screenshot or photo** of the National Map Corps website that shows the location/site that should be added or removed. Up to **15 points**
  - Add a **link** to a website verifying the existence, closure, or relocation of the place (official website, Yelp website, etc.). Up to **10 points**

- Write a couple of sentences naming the location, explaining whether it should be removed or added, and telling me how you know this is true. Up to **15 points**
7. **Option 2:** Find a few places on the map that are familiar to you (perhaps an elementary school, San Bernardino Valley College, your local fire station, etc.).
- **Write** a couple of sentences explaining which locations you found (be specific, e.g. "CSU San Bernardino: instead of "a college"). Up to **15 points**.
  - Then, **write** a few sentences describing the type of data found on this map using the **vocabulary** you have learned in the class so far. Think about terms like **point** data, **vector** data, **features**, **attributes**, **basemaps**, and more. Does this map feature **nominal**, **ordinal**, **interval**, or **ratio** data? This should take some research! Be as precise and accurate as possible and give examples to earn the most points. Up to **25 points**.

Choose a submission type



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