

VIMS SAV Map Demo

Summer 2018 HGIT Meeting
Smithsonian Environmental Research Center
Edgewater, MD
June 19, 2018

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Biologist, Maryland Department of Natural Resources



Google "VIMS SAV Maps"

The screenshot shows a web browser window with the URL web.vims.edu/bio/sav/maps.html. The page title is "Monitoring - Interactive Map". Below the title, a message states: "The interactive map has been updated. The previous map is temporarily available [here](#)".

The main content is an interactive map of the Chesapeake Bay region, showing Maryland, Virginia, Delaware, and New Jersey. Major cities like Washington, D.C., Philadelphia, and Richmond are labeled. The map includes a search bar with the text "Find address or place" and a search icon. On the left side of the map, there are navigation controls: a zoom in (+) and zoom out (-) button, a home button, a refresh button, and left/right arrow buttons. On the right side, there is a sidebar with the following sections:

- SAV**
- Preliminary Information**
 - 2017
- 2016 Report**
 - [Interactive Map](#)
- Tables**
 - [Quad Area](#)
 - [Bed Area](#)
 - [Segment Area](#)
 - [Segment Area by Quad](#)
 - [Segment Area by State](#)
 - [Segment Density](#)
 - [Zone Density](#)
 - [Ground Survey](#)
 - [Species by Segment](#)
- Charts**
 - [Bay Area](#)
 - [Zone Area](#)
 - [Zone Compare](#)
 - [Segment Area](#)
 - [Segment Density](#)
- GIS Data**
 - [Photo Gallery](#)
 - [Ground Survey](#)
 - [Aerial & Field SAV Observations](#)
 - [Historic Field SAV Observations](#)
 - [SAV our Seagrass](#)
 - [Ground Survey Spreadsheet](#)
 - [Guidelines](#)

web.vims.edu/bio/sav/maps/html

**SAV Report
Information/Data is
available in the right-
hand menu bank.**

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The main content is a map of the Chesapeake Bay region, showing parts of Maryland, Virginia, Delaware, New Jersey, and the District of Columbia. Major cities like Washington, D.C., Philadelphia, and Richmond are labeled. The map includes a search bar with the text "Find address or place" and a search icon. On the left side of the map, there is a vertical toolbar with icons for zooming in (+), zooming out (-), home, refresh, and navigation (left and right arrows).

On the right side of the page, there is a menu titled "SAV" with the following sections:

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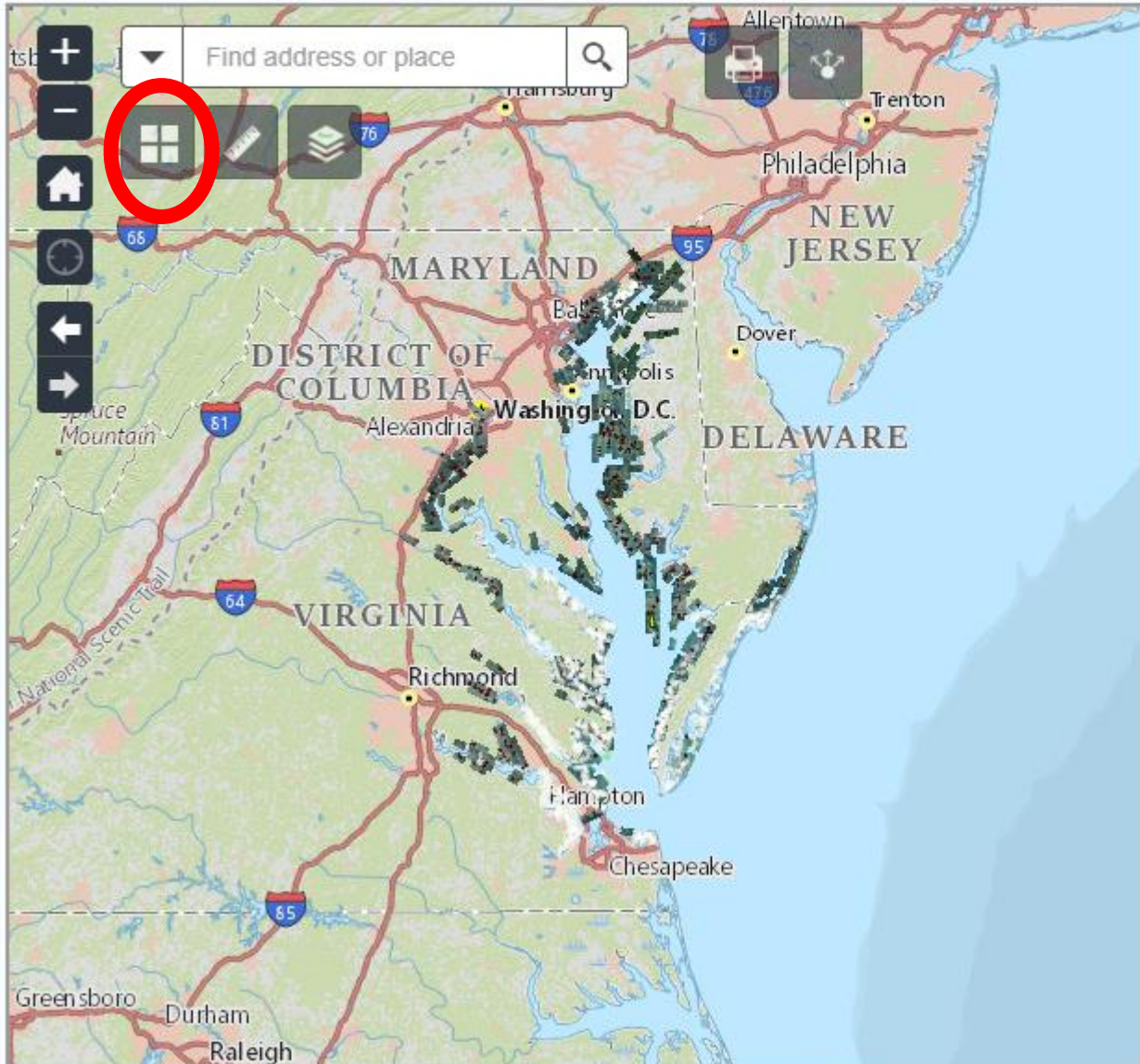
Basemaps can be manipulated here:

web.vims.edu/bio/sav/maps.html

Apps ★ Bookmarks W Wiley online Library New Tab SAV WG Brooke's Bookmarks

Monitoring - Interactive Map

The interactive map has been updated. The previous map is temporarily available [here](#)



The map displays the Chesapeake Bay region, including parts of Maryland, Virginia, Delaware, and New Jersey. Major cities like Washington, D.C., Philadelphia, and Richmond are labeled. The map includes a search bar at the top with the text "Find address or place" and a search icon. On the left side, there is a vertical toolbar with several icons: a plus sign for zoom in, a minus sign for zoom out, a home icon, a circular arrow for refresh, and left and right arrows for pan. A red circle highlights a grid icon in the toolbar, which is used to switch between different basemap styles. Other icons in the toolbar include a ruler, a stack of layers, and a printer icon. The map shows various geographical features, including the Chesapeake Bay, the National Scenic Trail, and several interstate highways (64, 65, 68, 76, 81, 95).

SAV

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[Photo Gallery](#)

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The main map area shows a geographic region including Philadelphia, Trenton, and Allentown. A search bar at the top of the map contains the text "Find address or place". A red circle highlights a 2x2 grid icon in the map's control panel, which is used to open the basemap gallery.

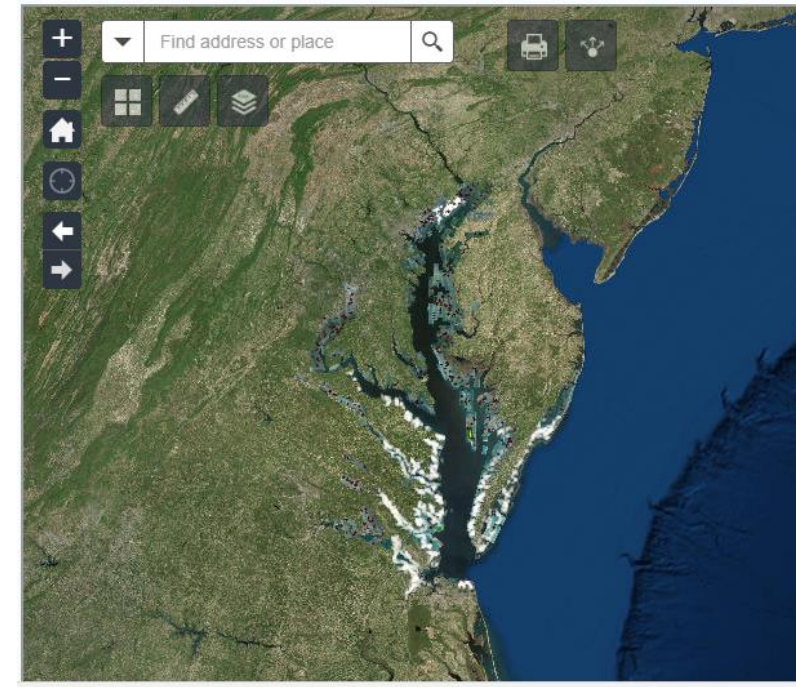
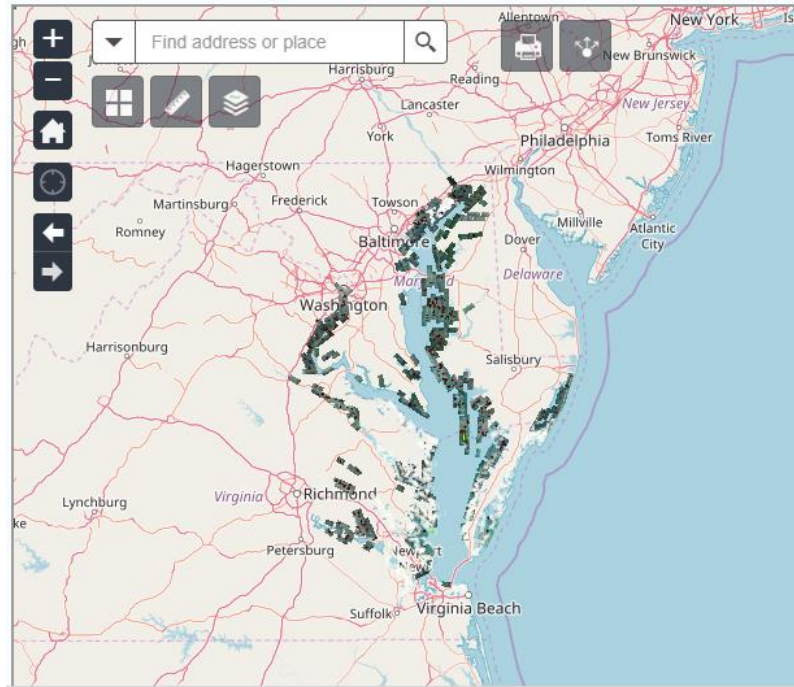
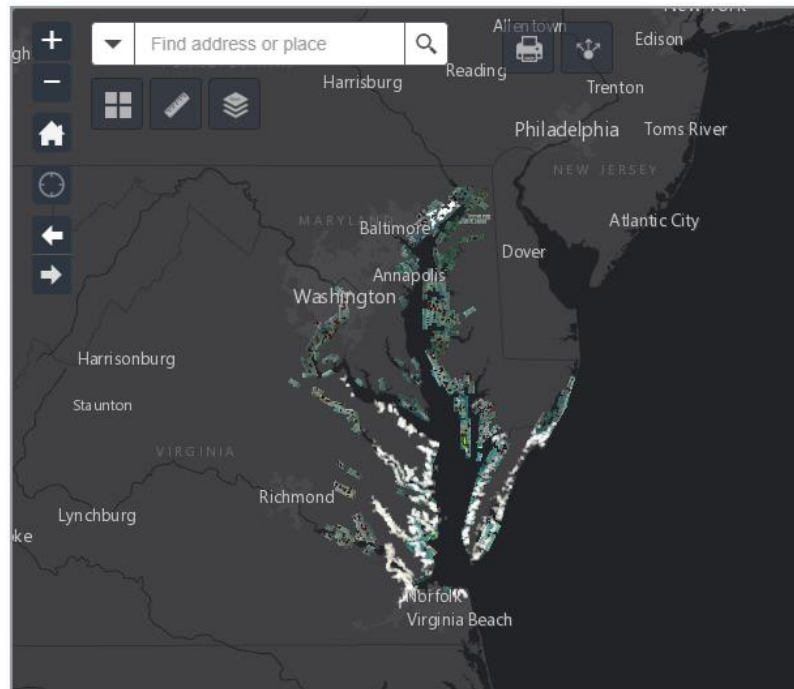
The "Basemap Gallery" overlay is open, displaying a grid of map styles:

- Dark Gray Canvas
- Imagery (highlighted in blue)
- Imagery with Labels
- Light Gray Canvas
- National Geographic
- Oceans
- OpenStreetMap
- Streets
- Terrain with Labels

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There are multiple options:



SAV Map layers can be manipulated here:

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The main map area displays a map of the Chesapeake Bay region, including parts of Maryland, Virginia, Delaware, and New Jersey. Major cities like Washington, D.C., Philadelphia, and Richmond are labeled. The map features various layers, including water bodies, land, and vegetation. A red circle highlights the "Layers" icon in the top-left corner of the map interface.

Navigation and search tools are visible in the top-left corner, including a search bar with the text "Find address or place", a magnifying glass icon, and several control buttons (home, back, forward, zoom in, zoom out, full screen, and print).

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SAV Map layers can be manipulated here:

Layer List

Layer Visibility

Year: 2017

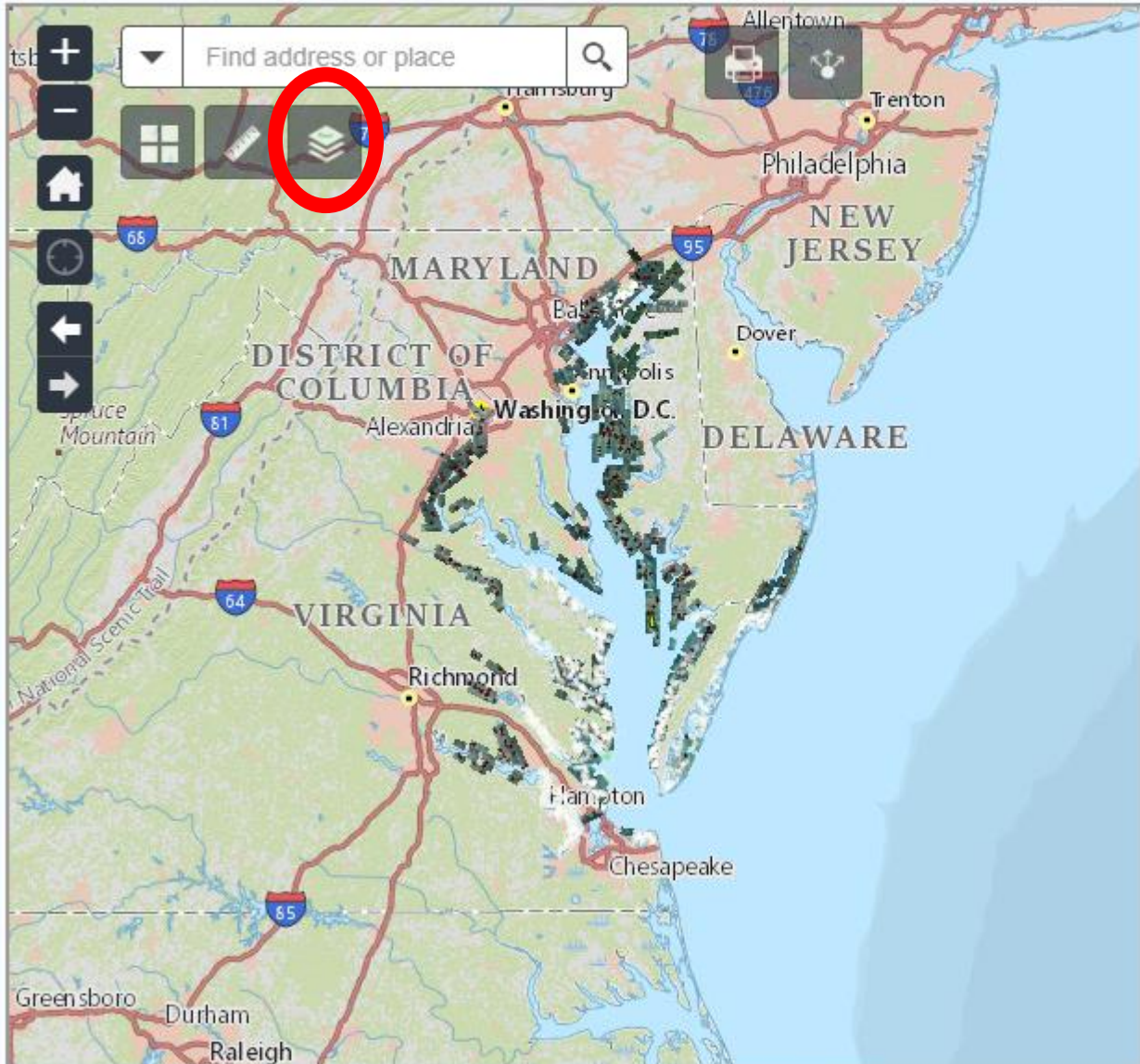
- SAV Bed Densities
- SAV Bed Outlines
- SAV Imagery
- All Species Observations
- 1971-2015 SAV Composite
- 2011-2015 SAV Composite
- Comparison Year

web.vims.edu/bio/sav/maps.html

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Find address or place

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Layer Visibility



Year:

- SAV Bed Densities ...
- SAV Bed Outlines ...
- SAV Imagery ...
- All Species Observations ...
- 1971-2015 SAV Composite ...
- 2011-2015 SAV Composite ...
- Comparison Year ...
- Base Layer ...



Layer List

Layer Visibility

Year: 2017

- SAV Bed Densities
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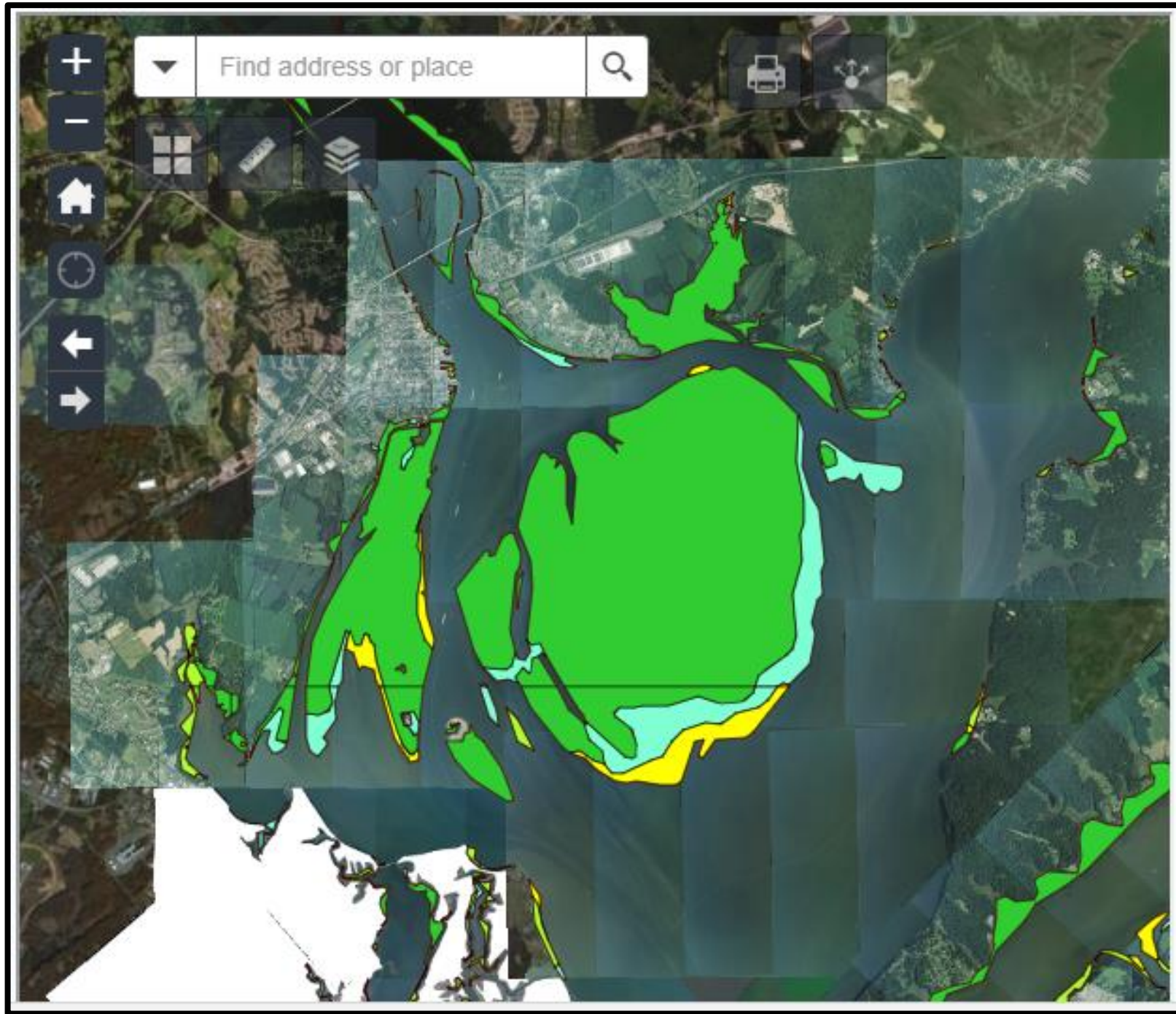


Layer List ✕

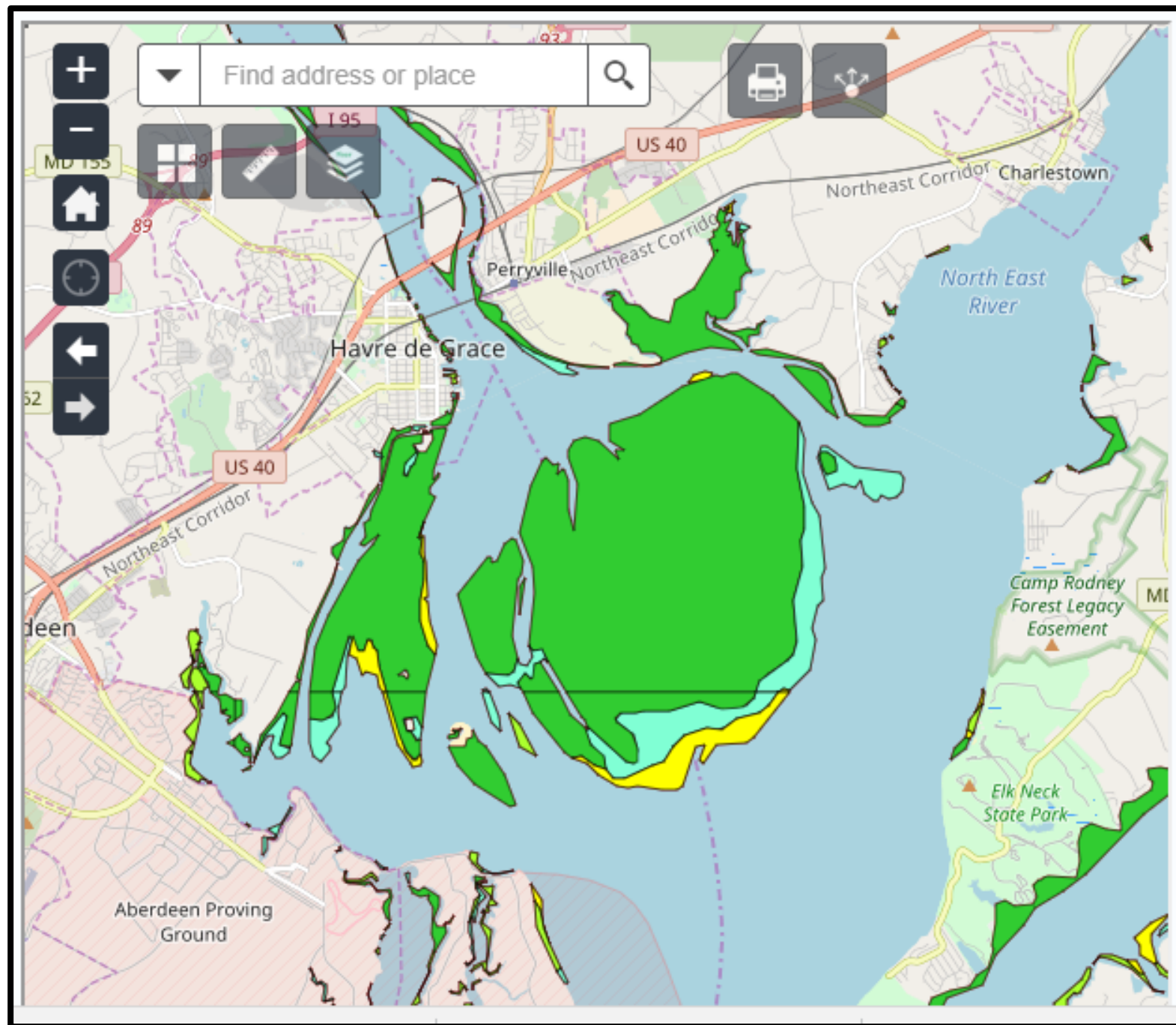
Layer Visibility ≡

Year: 2017 ▾

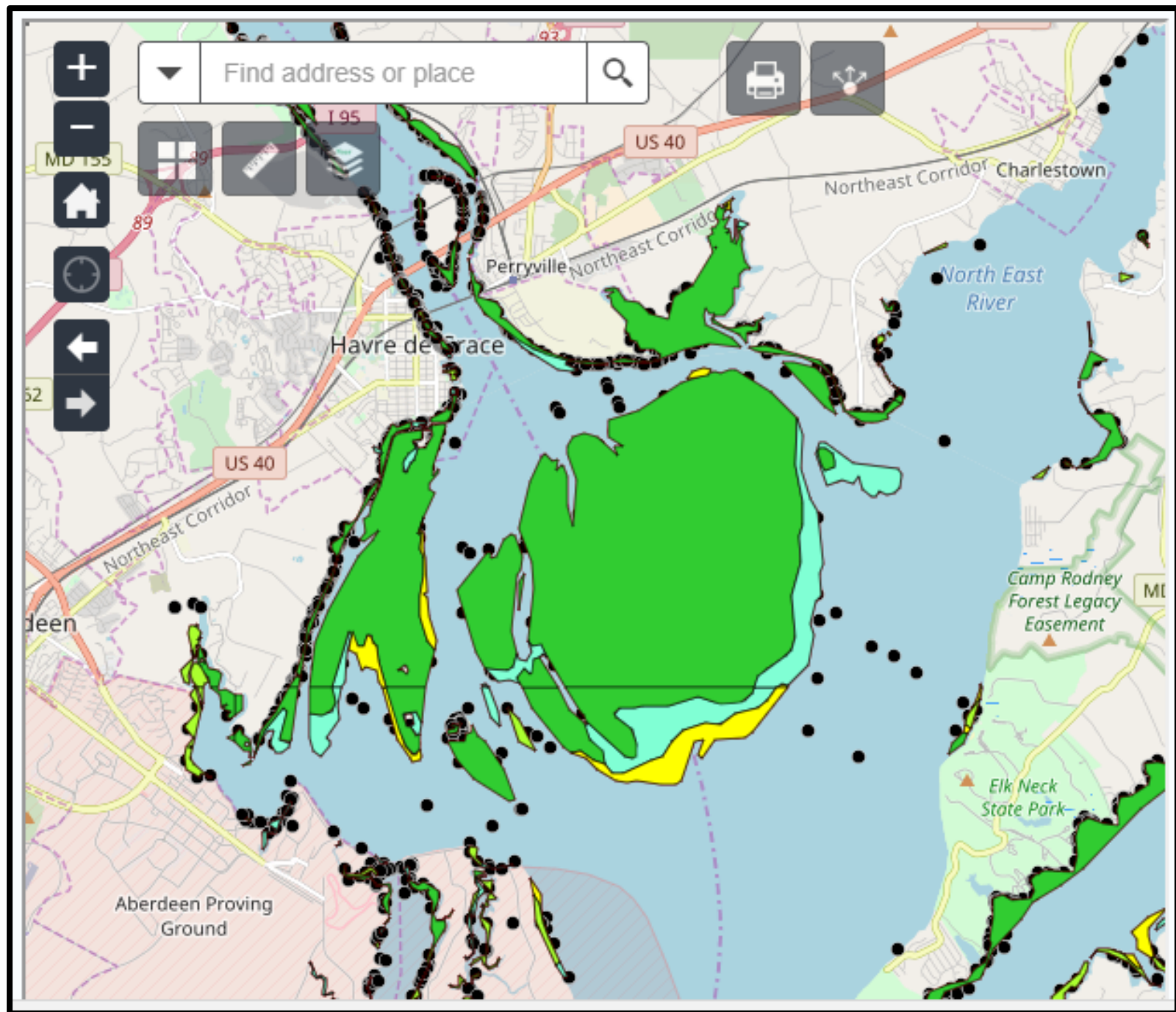
- ▶ SAV Bed Densities ...
- ▶ SAV Bed Outlines ...
- ▶ SAV Imagery ...
- ▶ All Species Observations ...
- ▶ 1971-2015 SAV Composite ...
- ▶ 2011-2015 SAV Composite ...
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- ▶ Base Layer ...



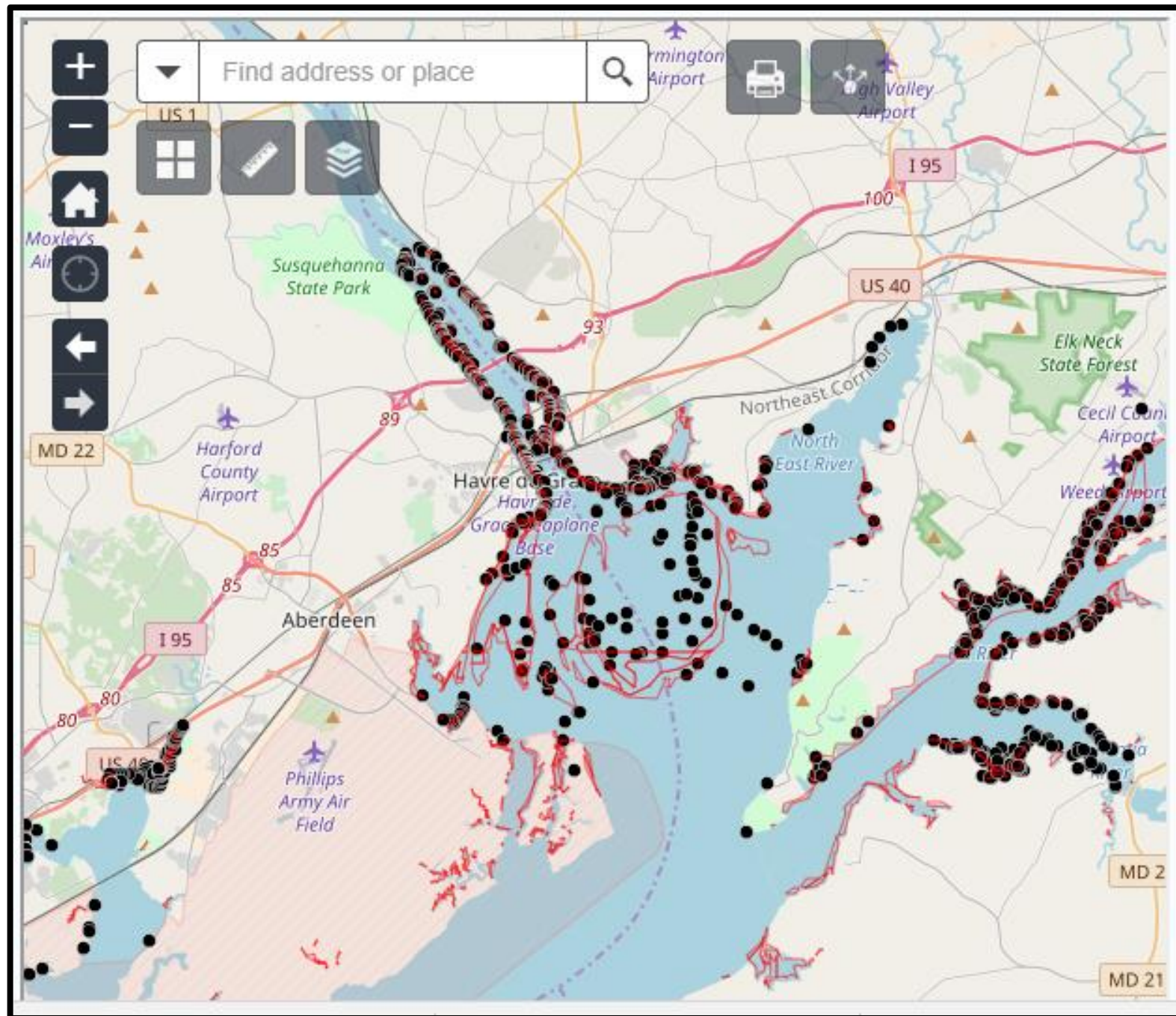
Without a distracting background or imagery:



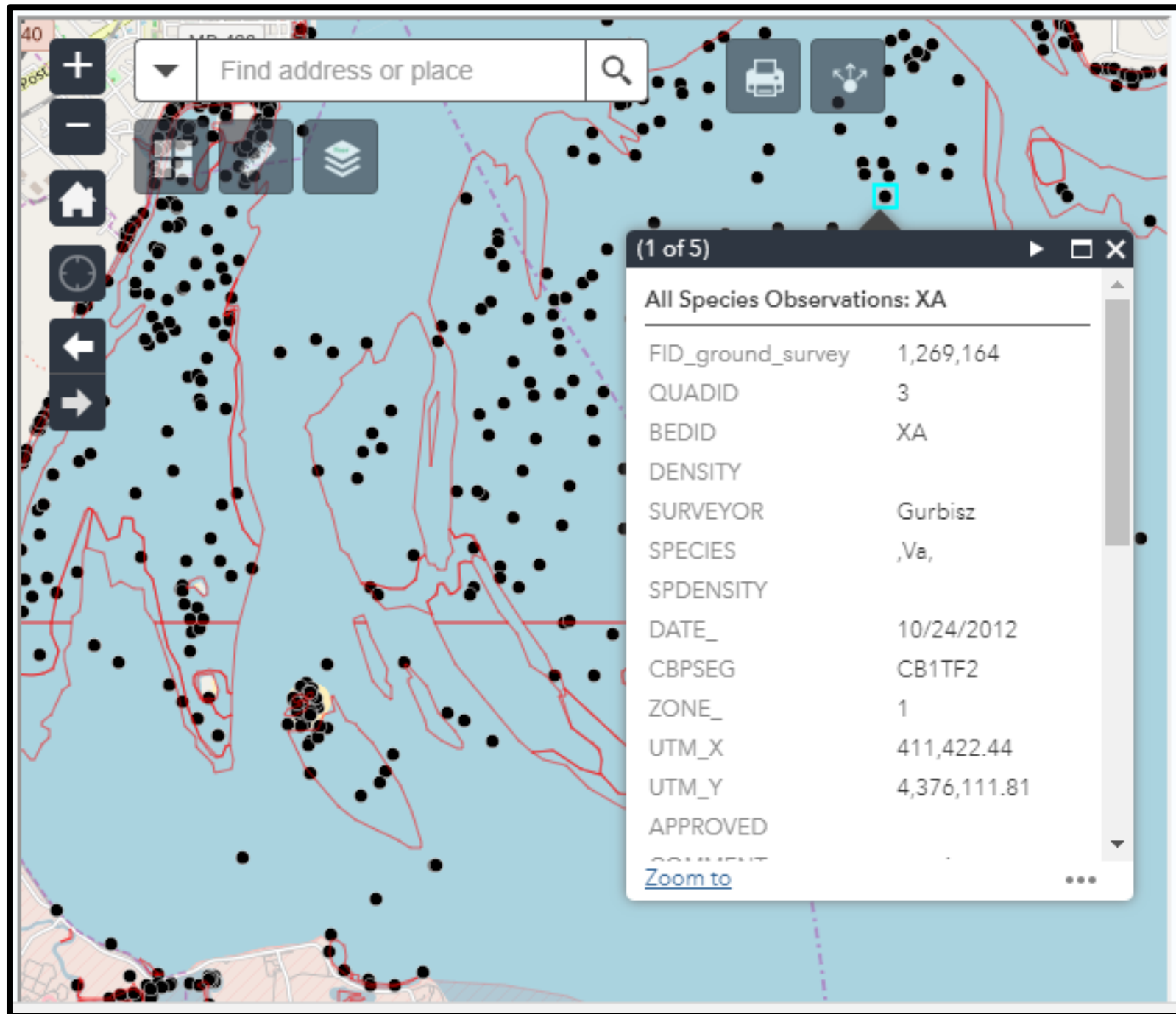
Plus species data
points....



Plus species data
points without the
density data – you can
see more points!



Click on the point and you get the data (and metadata) for that point.



Now I'll switch to the actual website to maneuver about a bit....

