How-To Guide:

MarineCadastre.gov Data Registry

The MarineCadastre.gov Data Registry provides access to downloadable geospatial data and map services, as well as additional information for each dataset. It gives users the option to "Add to Map," which allows them to select specific data to view in the National Viewer or ArcGIS Online. To facilitate finding data, users can complete a text search within the data registry or filter by provider, thematic category, geographic region, or service type. This document is a quick reference for how to perform all of these tasks.

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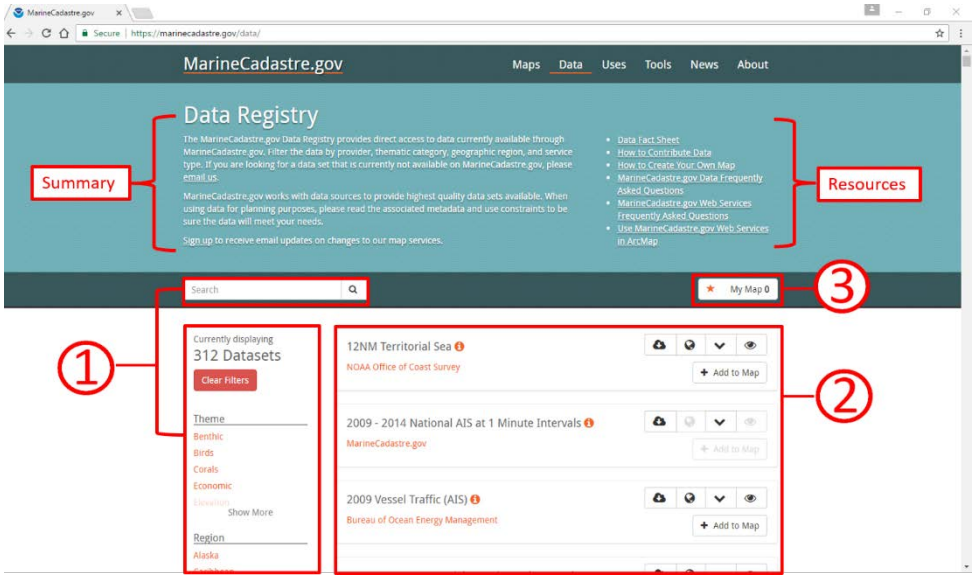
Opening the Data Registry

The MarineCadastre.gov Data Registry is located at *https://marinecadastre.gov/data*

The header contains a summary of the data registry and related resources.

Major Components:

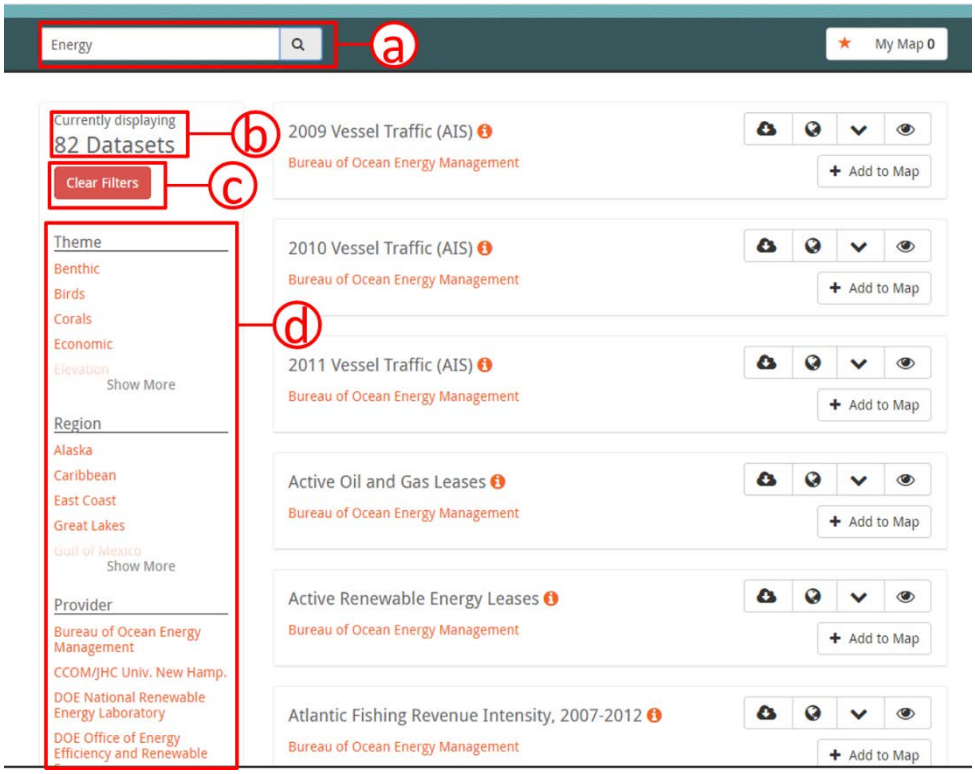
1. Find Datasets
2. Dataset Listing
3. My Map



1. Find Datasets

a. Search Datasets – searches for matching text in the dataset title and description
b. Current Dataset Display Number – changes with search terms or filter selections.
c. Clear Filters – clears filters and search terms
d. Filter Options – view and filter data by a specific theme, region, provider, or service type.

Tip: Clear the search by deleting the search term in the search text box.



1.a. Filter Options

i. Theme
ii. Region
iii. Provider
iv. Service Type

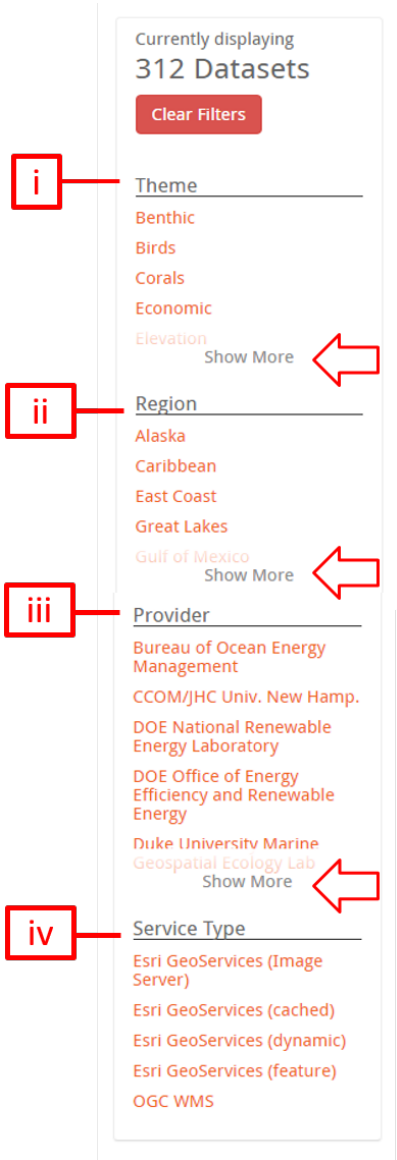
Theme – selects datasets based on common associations.

Region – selects datasets based on regional locations. This will display all data that have any features present in the selected region.

Provider – selects datasets based on the source provider.

Service Type – selects datasets based on the type of map service available.

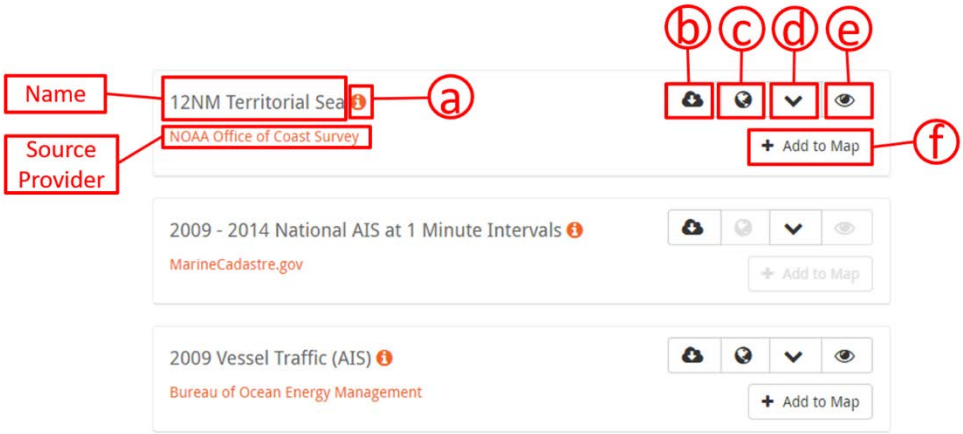
To see more options within the Filter Options, select **Show More**.



2. Dataset Listing

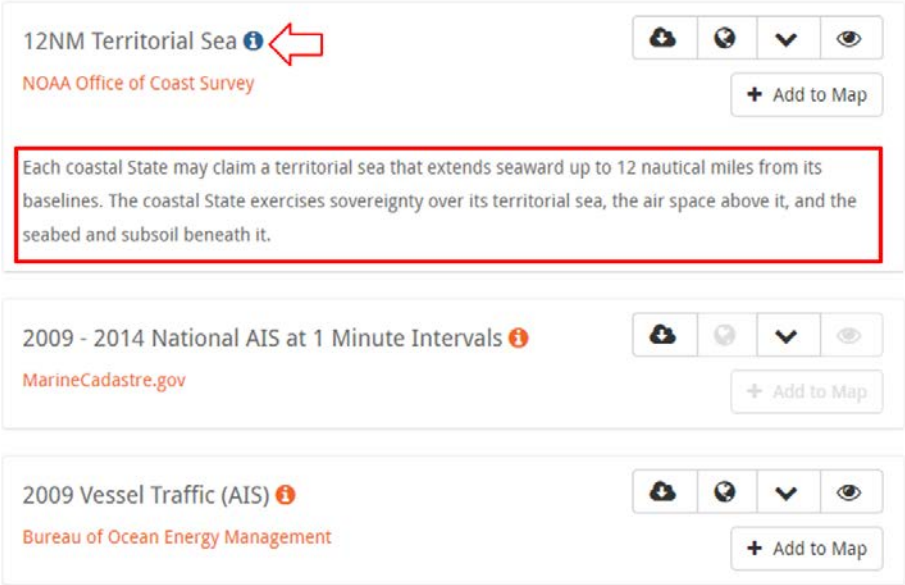
The dataset listing includes the Dataset Name, the Source Provider, and the following options for each dataset:

a. Dataset Description
b. Data Downloads
c. Map Services
d. More Information
e. Preview
f. Add Dataset to Map



2.a. Dataset Description

The More Information icon provides a detailed description for the dataset.

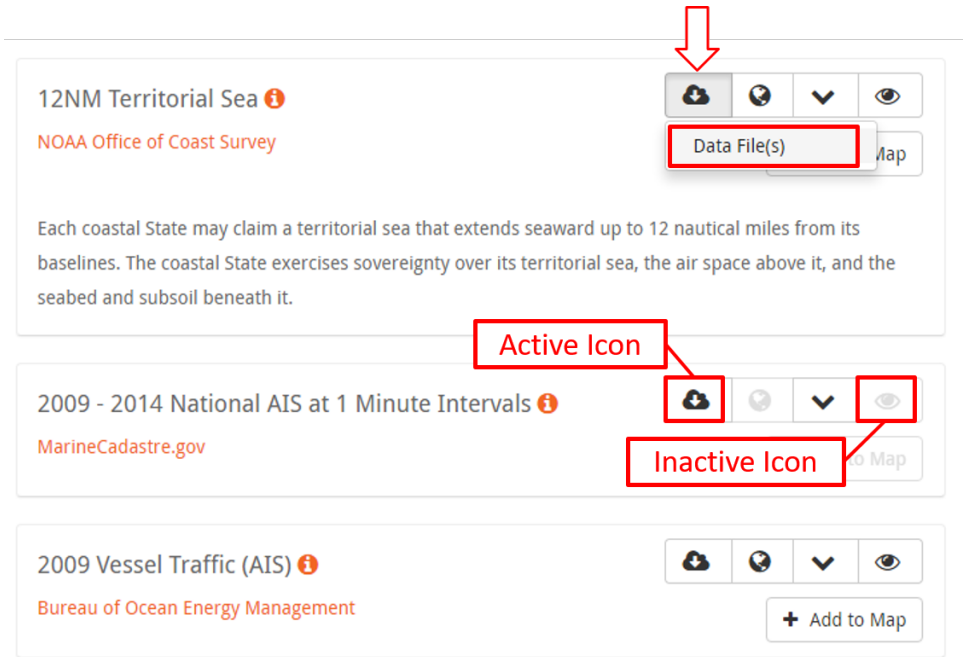


2.b. Download Data

To download GIS data, choose the **Data Download** icon where there will be one or more data download files associated with this dataset. Choose the desired option and the file will automatically download. If downloadable data is not available, the button will not work and will appear light gray.

Note: In some cases, users will be directed to a download page at the source provider where you will choose the dataset you are interested in.

Note: In only a few cases are download files not available at the request of the data provider.

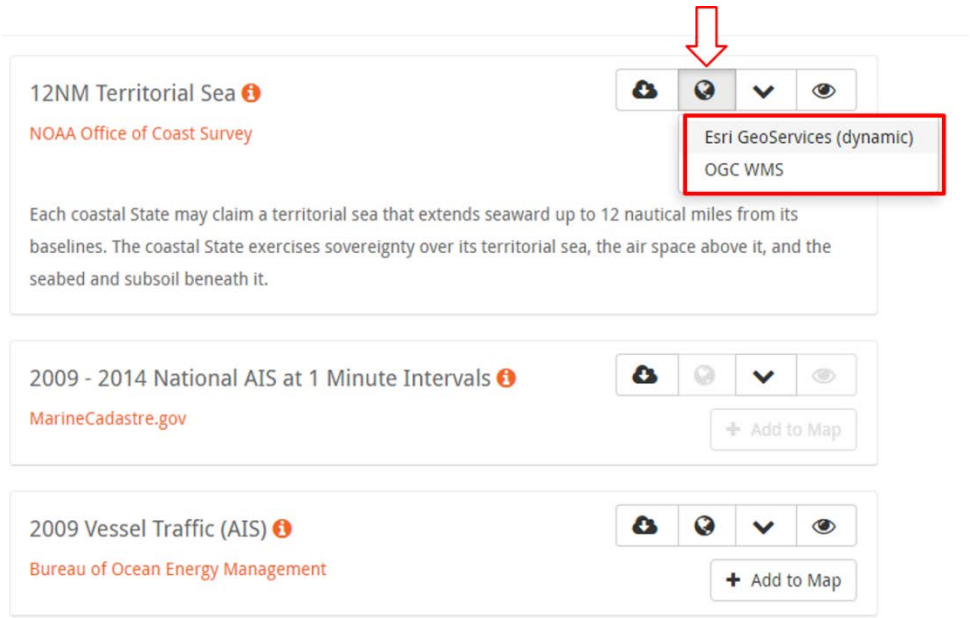


2.c. Web Map Services

The **Map Service** icon displays the web map service pages for this dataset.

The following is a list of the potential types of service that can be found here:

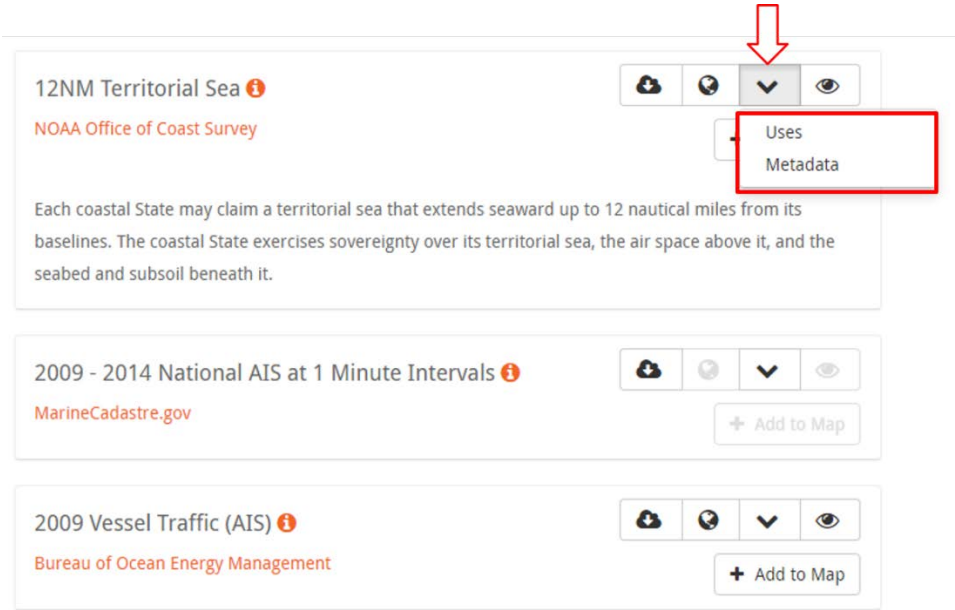
- Esri GeoServices (cached)
- Esri GeoServices (dynamic)
- Esri GeoServices (feature)
- Esri GeoServices (image server)
- GeoJSON
- OGC KML
- OGC WMS



2.d. More Information

The **More Information** icon includes additional information important for understanding this dataset's history, intended uses, and any potential caveats. These can include but are not limited to

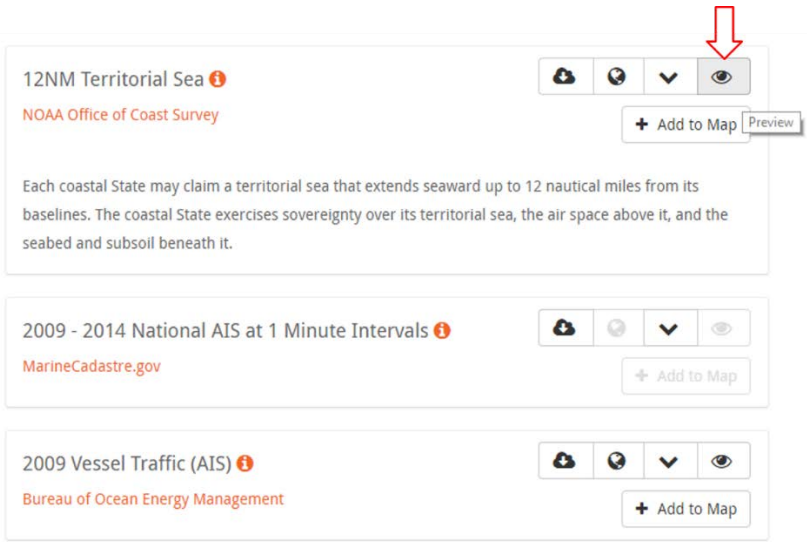
- Data Pages
- Metadata
- Publications
- Source Info
- Source Map
- Uses



2.e. Preview

The **Preview** icon opens a new instance of ArcGIS.com showing this single dataset so that it can be viewed.

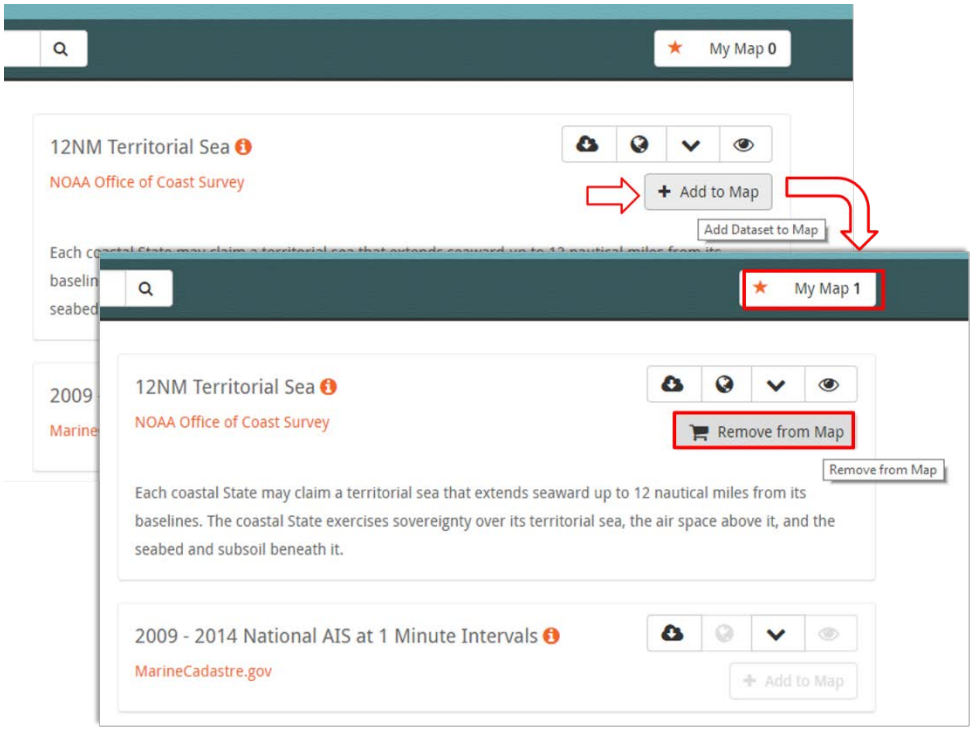
Hint: Use Add to Map if you want to view this and other files together, or if you want to view the file in the MarineCadastre.gov National Viewer. See 2.f below.



2.f. Add Dataset to Map

If a dataset has an Esri REST service associated with it, **Add to Map** will be active.

Select **Add to Map** to add the dataset to the **My Map** button at the top of the registry. The **Add to Map** will then become **Remove from Map**.

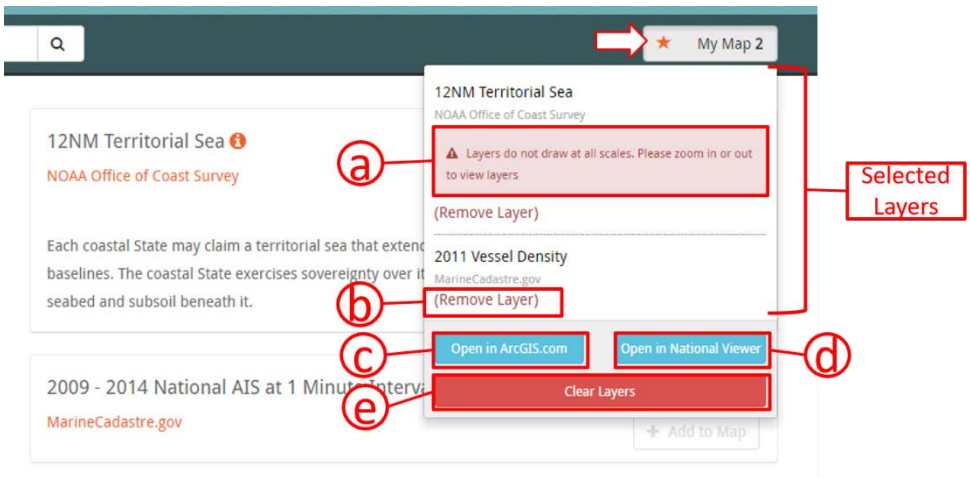


3. My Map

Once datasets are added to **My Map**, select **My Map** at top right of the dataset listing.

Features:

a. Out of Scale Notice
b. Remove Layer
c. Open in ArcGIS.com
d. Open in National Viewer
e. Clear Layers



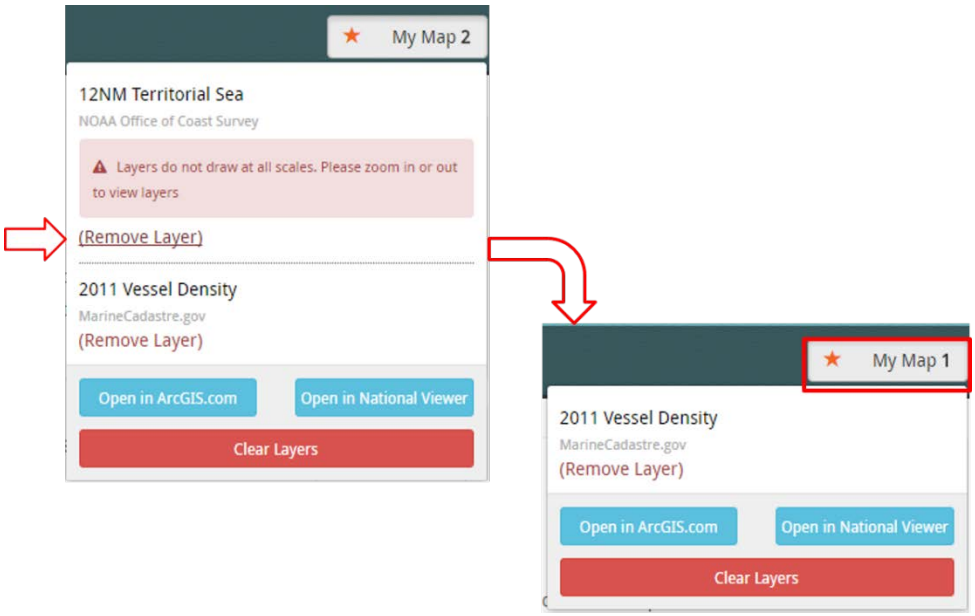
3.a. Out of Scale Notice

If a layer is only viewable at certain scales, this notice will appear. This notifies users that they might not see the layer upon opening the map.

If some layers are not visible, zoom in or out until they become visible.

3.b. Remove Dataset

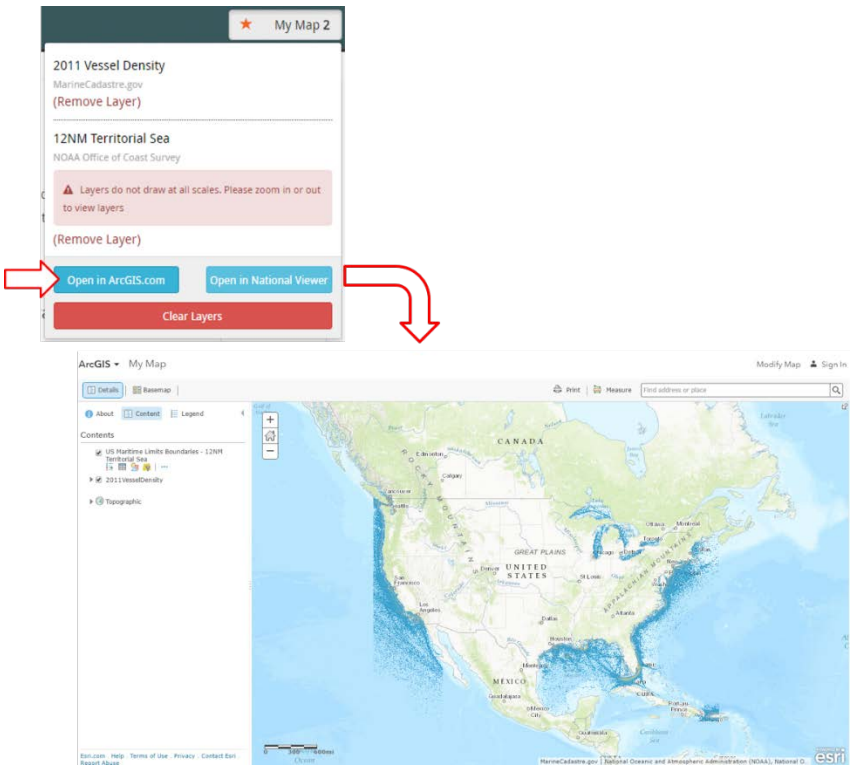
Select **Remove Layer** to remove specific layers from **My Map**.



3.c. Open in ArcGIS.com

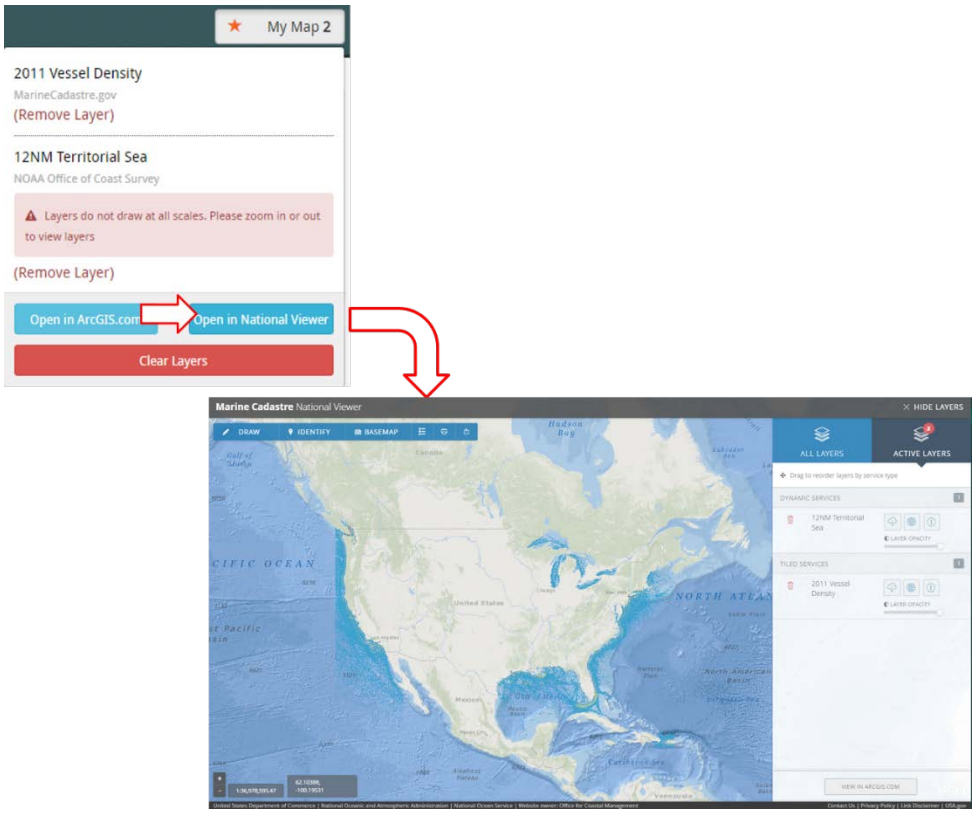
Open in ArcGIS.com opens a new tab with the selected layers in the ArcGIS.com map.

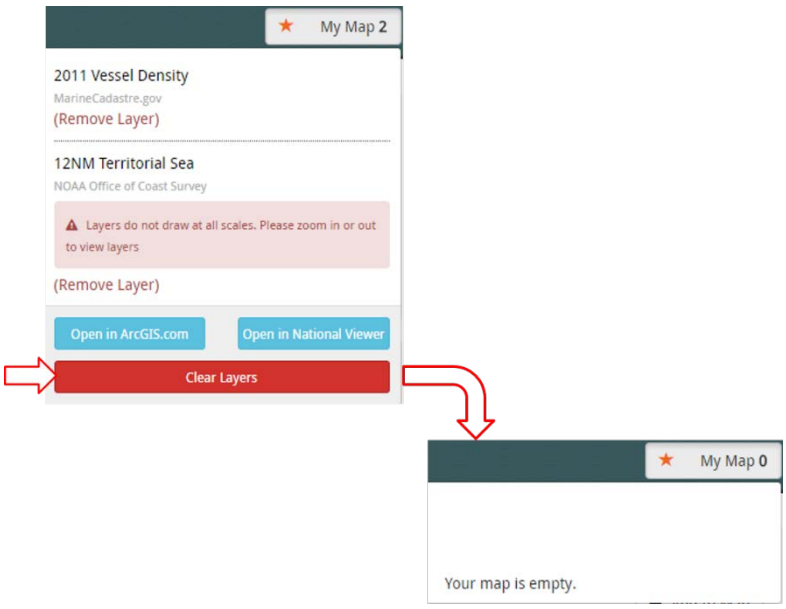
Tip: Sign into ArcGIS.com to save and share the map, or to add layers to customize the map.



3.d. Open in National Viewer

Open in National Viewer opens a new tab with the selected layers in the MarineCadastre.gov National Viewer's Active Layers tab.



3.e. Clear Datasets

Clear Layers removes all layers from **My Map**.