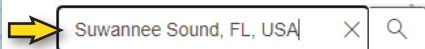






NOAA Custom Chart *Quick Start Guide*


1. Find your chart area




Typing into the **Find address or place** field will display a list of suggested locations to choose from. Click on a location to zoom to that spot.

 Use the **Plus** and **Minus** icons or your mouse wheel to zoom in and out of the map.

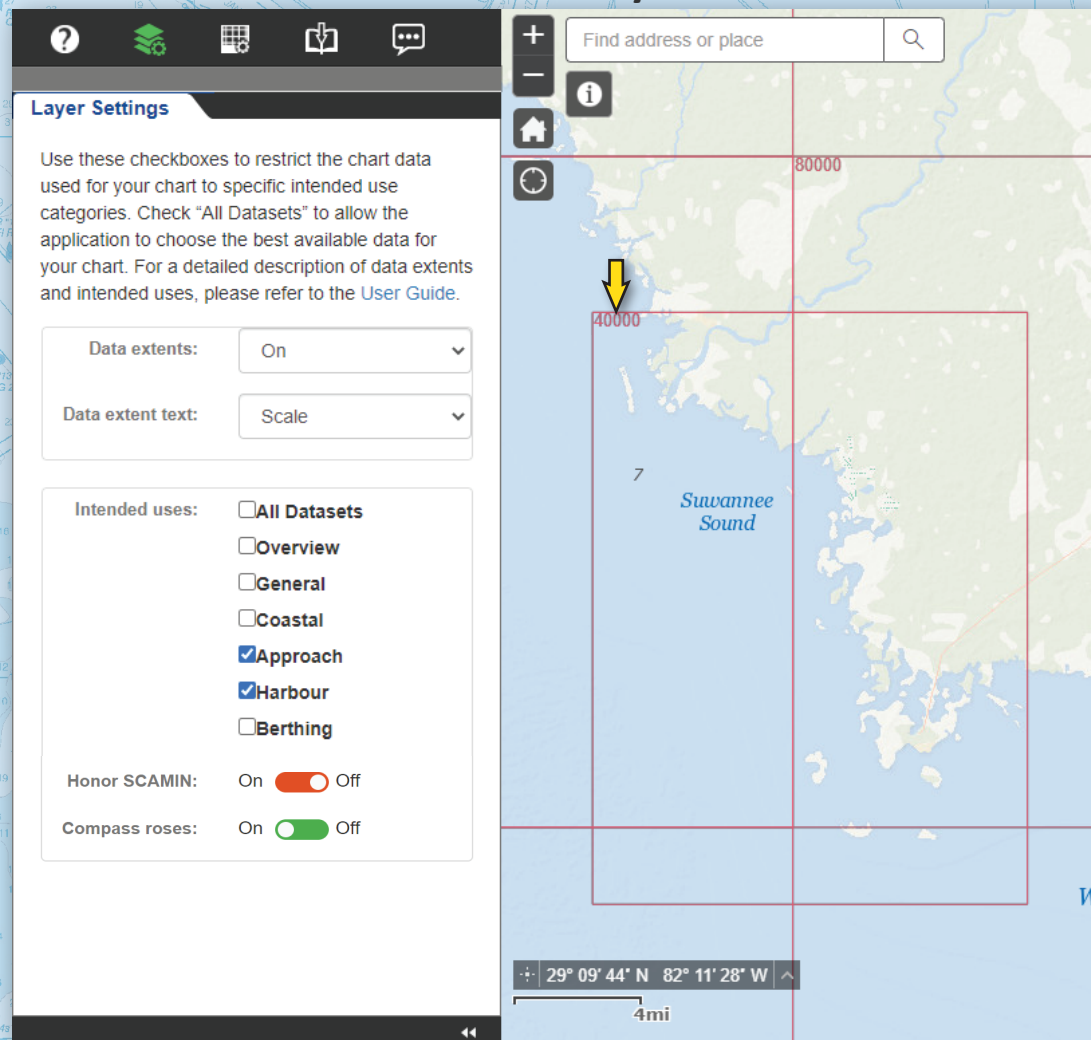
 Use the **My Location** icon to center the map at your current position.

 Left-Click and hold mouse to pan on the map.

 Click the **Default extent** icon to zoom to the full map extent.

Use these map navigation tools to move around the map to an area where you want to build a chart.

2. Determine the best scale for your custom chart



The screenshot shows the NOAA Custom Chart interface. On the left, the **Layer Settings** panel is open, displaying options for **Data extents** (On), **Data extent text** (Scale), and **Intended uses** (All Datasets, Overview, General, Coastal, Approach, Harbour, Berthing). The **Approach** and **Harbour** options are checked. Below these, there are toggle switches for **Honor SCAMIN** (On) and **Compass roses** (On). On the right, a map of Suwannee Sound is displayed with a red Minimum Bounding Rectangle (MBR) overlaid. The MBR is labeled with coordinates 29° 09' 44" N and 82° 11' 28" W. A yellow arrow points to the upper-left corner of the MBR, indicating the most detailed data available for the chart.

Use the **Layer Settings** panel to explore the **Data extents** and **Intended uses** information within the **NCC Map Window**.

In this example, the most detailed data available for Suwannee Sound is 1:40,000 as shown in the upper-left corner of the red Minimum Bounding Rectangle (MBR).

3. Enter your chart parameters

Chart Settings

Use these settings to enter your chart parameters. More information about chart scale, depth zone shades and other settings is in the User Guide.

1

Name:

Scale:

Page size:

Orientation:

2

Chart units:

Depth zones:

Depth zone shades:

| Shallow: | Safety: | Deep: |
|--------------------------------|---------------------------------|---------------------------------|
| <input type="text" value="5"/> | <input type="text" value="11"/> | <input type="text" value="17"/> |

3 Create New Chart **4** Move Chart

After populating all fields, click Create New Chart, then click the map once at the center of your chart. Click Move Chart, then click and drag the chart outline to refine its position.

Find address or place

29° 16' 06" N 83° 13' 34" W

1mi

Use the **Chart Settings** panel to enter your custom chart parameters. You may enter your chart name, scale, page size, and page orientation in the upper box. The lower box controls the chart units, number of depth zones (either four or two), and the depth zone control. Once all parameters are set, click **Create New Chart**. If there is a need to refine the position of the chart footprint, click **Move Chart**.

In this example, a 1:38,000 scale custom chart named Suwannee Sound was created on a 22 x 34 inch, portrait-oriented sheet. The chart settings were left to the default units and depth zone configuration, placing the safety contour at 11 feet.

4. Export your chart

Export Functions

New charts and charts retrieved from your Personal Chart Catalog are shown in this list. To export, delete, or move selected charts into your catalog, click the associated button.

Chart Catalog

Active Catalog

Chart Queue

| | |
|----------------|--------------------------|
| Suwannee Sound | 0:02:15 Export Succeeded |
|----------------|--------------------------|

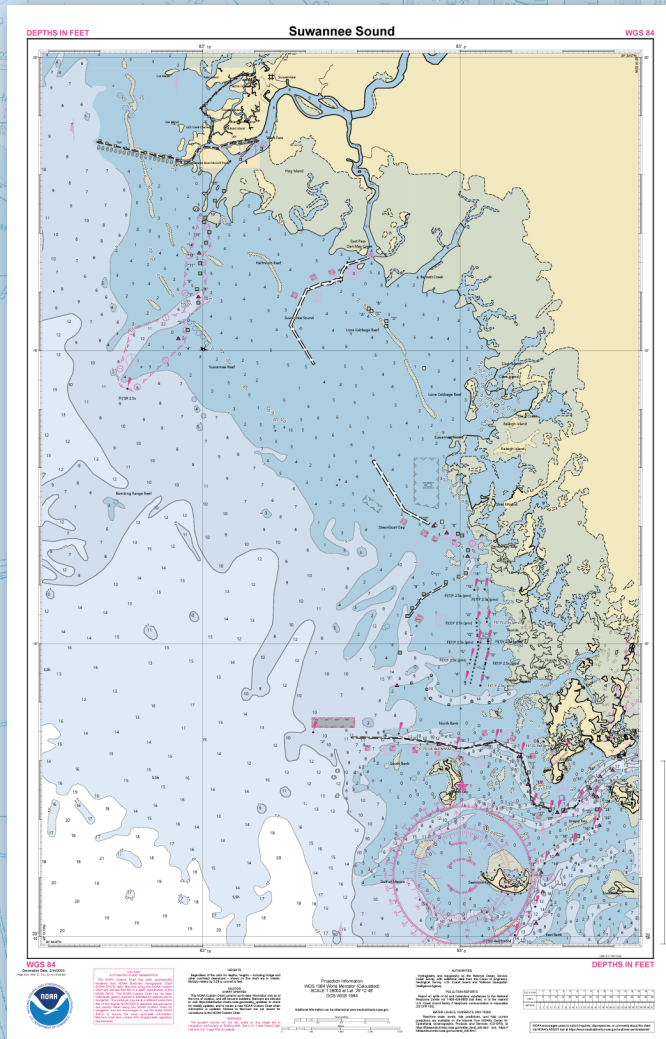
1

2

Use the **Export Functions** panel to export your custom chart to a printable PDF file. In the lower **Chart Queue** box, select the chart and click the **Export Selected Charts** button below. Once the export succeeds, a green **Open** button appears.

*Most web browsers will open the custom chart PDF in a new browser tab. If the file does not open, check your browser settings. If a pop-up blocker is enabled, add the NCC site to a list of exceptions, or right-click / command-click on the **Open** button to see other display or download options.*

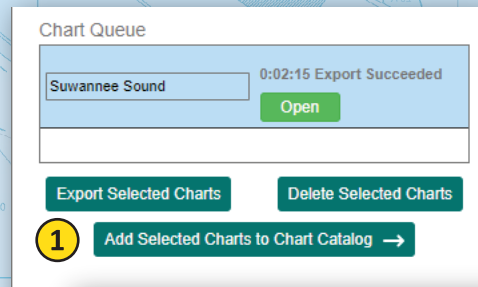
5. Examine your chart output



Clicking the **Open** button opens a new tab on your web browser with the custom chart PDF file. If the output is suitable to your needs, you may choose to download the file to your local device or print it.

A third option includes saving the chart to a **Personal Chart Catalog**, which allows you to keep your chart designs or share them with others in a GeoJSON file.

6. Save your chart



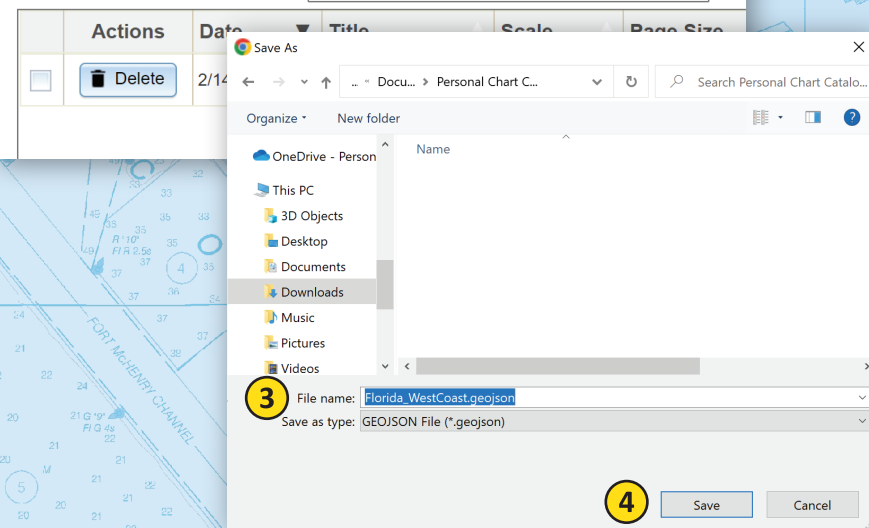
The next page will explain how to load an existing personal chart catalog back into the NOAA Custom Chart application.

Chart Catalog Viewer

Catalog changes will be lost if you close the application before clicking "Save Ch

Open Existing Chart Catalog Create / Save Chart Catalog (2)

Charts in Active Chart Catalog (none)



Once you are satisfied with your chart, use the **Add Selected Charts to Chart Catalog** button to open the **Chart Catalog Viewer** dialog. In the viewer window, click the **Create / Save Chart Catalog** button. The web browser will open a **Save As** dialog. Name the catalog GeoJSON a memorable name and click **Save**. Any charts in the **Chart Catalog** will be saved to the GeoJSON file.

Catalog changes will be lost if you close the browser window before saving your Personal Chart Catalog GeoJSON file.

Load your personal chart catalog

Export Functions

New charts and charts retrieved from your Personal Chart Catalog are shown in this list. To export, delete, or move selected charts into your catalog, click the associated button.

Chart Catalog

2 **Open Chart Catalog Viewer**

Active Catalog (none)

Chart Queue

Export Selected Charts Delete Selected Charts

Add Selected Charts to Chart Catalog →

Once you open the application, open the **Export Functions** panel. In the **Chart Catalog** box, click the **Open Chart Catalog Viewer** button. In the viewer window, click the **Open Existing Chart Catalog** button and navigate to the location of your **Chart Catalog** GeoJSON file. Select one file and click **Open**. A list of charts will populate the table. Click the check boxes to select each chart you wish to export. Click the **Add Selected Charts to Chart Queue**.

Chart Catalog Viewer

Catalog changes will be lost if you close the application before clicking "Save Ch

3 **Open Existing Chart Catalog** **Create / Save Chart Catalog**

Charts in Active Chart Catalog (none)

| Actions | Date | Title | Scale | Page Size |
|---------|------|-------|-------|-----------|
|---------|------|-------|-------|-----------|

Open

← → ↑ ↓ Docu... > Personal Chart C... Search Personal Chart Catalo...

Organize New folder

This PC 3D Objects Desktop Documents Downloads Music Pictures Videos

Florida_WestCoast.geojson Washington_PugetSound.geojson 4

File name: Washington_PugetSound.geojson GEOJSON File (*.geojson) 5

Open Cancel

Chart Catalog Viewer

Catalog changes will be lost if you close the application before clicking "Save Ch

Open Existing Chart Catalog **Create / Save Chart Catalog**

Charts in Active Chart Catalog Washington_PugetSound.geojson

| | Actions | Date | Title | Scale | Page Size |
|---|---|-----------|----------------------------------|-------|--------------|
| 6 | <input checked="" type="checkbox"/> Delete | 3/24/2023 | Port Orchard | 10000 | ANSI D |
| | <input checked="" type="checkbox"/> Delete | 3/24/2023 | Elliott Bay | 10000 | Plotter36x48 |
| | <input checked="" type="checkbox"/> Delete | 3/24/2023 | Puget Sound-Seattle to Bremerton | 25000 | Plotter36x48 |

Select All **Clear Selection**

7 **← Add Selected Charts to Chart Queue**

Select one or more charts in the **Chart Queue** and click **Export Selected Charts** button.

At this time, you may add or remove charts from the **Chart Catalog**. Changes must be saved before closing the web browser.

Export Functions

New charts and charts retrieved from your Personal Chart Catalog are shown in this list. To export, delete, or move selected charts into your catalog, click the associated button.

Chart Catalog

Open Chart Catalog Viewer

Active Catalog Washington_PugetSound.geojson

Chart Queue

Port Orchard

Puget Sound-Seattle to Bremerton

8 Elliott Bay

9 **Export Selected Charts** **Delete Selected Charts**

Add Selected Charts to Chart Catalog →