



Office of
Coast Survey



WWW.NAUTICALCHARTS.NOAA.GOV/HISTORY

INDEX TO SEARCH, PREVIEW, DOWNLOAD, BOOKMARK FUNCTIONALITY

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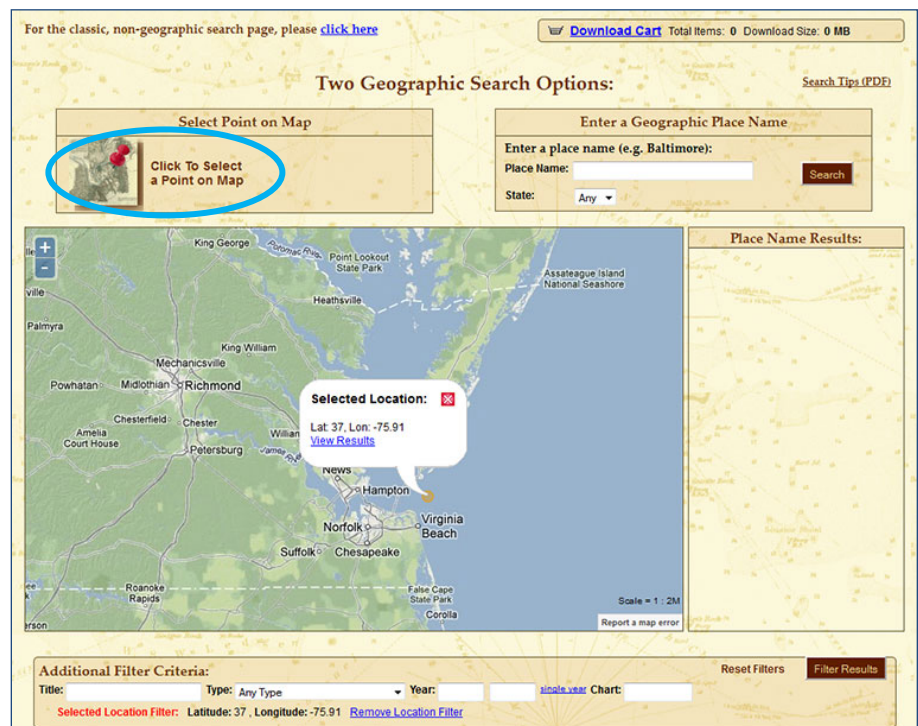
STEP-BY-STEP SEARCH, PREVIEW, AND DOWNLOAD INSTRUCTIONS

Step 1: Your initial visit to the Geographic Search page looks like the image to the right (if not, please refresh your browser).

At this stage, you may (1) use the Pan and Zoom tools on the map to find your local area of interest and then use the Select Point on Map tool or (2) keep the default map of the contiguous U.S. and begin a search for historic maps and charts using one of the two geographic search options.



Step 2: To begin a search by location, go to the “Select Point on Map” option and click on the red pushpin button graphic. Once the button is selected, click a point on the map below. A pop-up window will appear with your geographic position in latitude/longitude. Below that position is a link to “View Results.” Click on the “View Results” link to jump down the page and view a list of historic maps and charts that cover your search location (see Steps 4-6 for results).



Step 3: To begin a search by geographic place name, go to the Enter a Geographic Place Name box and begin typing your name of interest. As you type, geographic names will begin to automatically populate (see image to the right). You can select one of the names in the dropdown window and hit the “Search” button.



Alternatively, you can wait for the auto-populated window to disappear and select “Search” on the name you entered. In this example, “Virginia Beach” was entered. A click on the “Search” button populated the Place Name Results window with all Virginia Beach names housed in the search function. Location dots also appeared on the map. Select one of the place names to zoom. Click on the “View Results” to jump down the page and view a list of historic maps and charts that cover your place name search. The names dataset includes official U.S. domestic names as well as some Philippine names from <http://geonames.usgs.gov>.



Step 4: There are several features available to refine and sort your results list in the windows below the map frame.

Enter “Additional Filter Criteria” and click the “Filter Results” button to refine your results.

Search tips:

- A word entered into the Title box will filter your results to include only maps and charts that include your word in the map/chart title. Note that using the place name only search, there are several results for charts that cover Virginia Beach that do not have “Virginia Beach” in the title.
- You can also filter results by
 - Type-- a dropdown menu offers the various types of maps and charts in the Collection,
 - Range of Years or Single Year), and
 - Chart Number-- results yield old and new numbering scheme.

To clear any of your “Additional Filter Criteria” settings, simply click on the Reset Filters button.

The screenshot shows the 'Additional Filter Criteria' section with a 'Title' field, a 'Type' dropdown set to 'Any Type', and a 'Year' field. Below this, a 'Selected Location Filter' shows 'Latitude: 36.853, Longitude: -75.978' with a 'Remove Location Filter' link. The 'Search Results' section includes a 'Navigate Results' bar with page numbers 1-10 and a 'Results Per Page' dropdown set to 20. The main table lists search results with columns for 'Add to Cart', 'Preview Image', 'View Extent', 'Title', 'Location', 'Type', 'Year Published', and 'Chart Number'. The first row is 'VIRGINIA BEACH VA' with a 'Topographic Bathymetric Map' type and chart number '36075_G8_TB_024'. Other rows include 'Camp Pendleton and Vicinity' and 'Intracoastal Waterway : Norfolk to North River'.

Step 5: To view a longer listing of search results on the same Web page, adjust the number of results using the “Results Per Page” dropdown menu.

This screenshot is similar to the previous one but shows the 'Results Per Page' dropdown menu open. The menu options are 20, 50, and 200. The '200' option is selected and highlighted. The table below shows the first few results, including 'Camp Pendleton and Vicinity' and 'Intracoastal Waterway : Norfolk to North River'.

Step 6: The default sort order of the results is by largest scale, oldest chart/map first

To re-sort your search results by Title, Type, Year Published, or Chart Number, click on the blue, underlined column headings. If you want to restore the default sort order, click on the “Restore Default Sort Order” link.

Additional Filter Criteria:
 Title: Type: Any Type Year: [single year](#) Chart:
 Selected Location Filter: Latitude: 36.853, Longitude: -75.978 [Remove Location Filter](#)

Search Results:
 Navigate Results: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [>>](#) Showing results: 1 ... 20 of 662 [Results Per Page](#)

Add to Cart	Preview Image	View Extent	Title	Location	Type	Year Published	Chart Number
Preview	Preview	View Extent	Camp Pendleton and Vicinity	VA	Topographic Bathymetric Map	1986	36075_G8_TB_024
Preview	Preview	View Extent	Camp Pendleton and Vicinity	VA	Nautical Chart	1946	3335
Preview	Preview	View Extent	Camp Pendleton and Vicinity	VA	Nautical Chart	1967	3335
Preview	Preview	View Extent	Intracoastal Waterway : Norfolk to North River	NC, VA	Nautical Chart	1938	830
Preview	Preview	View Extent	Norfolk Harbor and Approaches	VA	Nautical Chart	1964	562
Preview	Preview	View Extent	Norfolk Harbor and Approaches	VA	Nautical Chart	1965	562
Preview	Preview	View Extent	Norfolk Harbor and Approaches	VA	Nautical Chart	1966	562
Preview	Preview	View Extent	Norfolk Harbor and Approaches	VA	Nautical Chart	1967	562
Preview	Preview	View Extent	Norfolk Harbor and Approaches	VA	Nautical Chart	1968	562
Preview	Preview	View Extent	Norfolk Harbor and Approaches	VA	Nautical Chart	1969	562
Preview	Preview	View Extent	Norfolk Harbor and Approaches	VA	Nautical Chart	1970	562
Preview	Preview	View Extent	Norfolk Harbor and Approaches	VA	Nautical Chart	1971	562
Preview	Preview	View Extent	Norfolk Harbor and Approaches	VA	Nautical Chart	1971	562
Preview	Preview	View Extent	Norfolk Harbor and Approaches	VA	Nautical Chart	1972	562
Preview	Preview	View Extent	Norfolk Harbor and Approaches	VA	Nautical Chart	1973	562
Preview	Preview	View Extent	Norfolk Harbor and Approaches	VA	Nautical Chart	1974	562
Preview	Preview	View Extent	CAPE CHARLES TO NORFOLK HARBOR	VA	Nautical Chart	1974	12222
Preview	Preview	View Extent	CHESAPEAKE BAY CAPE CHARLES TO NORFOLK HARBOR	VA	Nautical Chart	1975	12222_A
Preview	Preview	View Extent	CHESAPEAKE BAY CAPE CHARLES TO NORFOLK HARBOR	VA	Nautical Chart	1975	12222
Preview	Preview	View Extent	CAPE CHARLES TO NORFOLK HARBOR	VA	Nautical Chart	1975	12222

Step 7: To view the geographic extent of the scanned image on the map, select the View Extent button associated with your map/chart of interest. The map contains the general geographic footprint (bounding box) of the map/chart and the record is highlighted in yellow in the Search Results.

Place Name Results:
[Clear Results](#)
 Feature Name: State: Type:
 Virginia Beach VA Populated Place
 Results have been geographically filtered by this Place Name
[View Results](#)

Additional Filter Criteria:
 Title: Type: Nautical Chart Year: [single year](#) Chart:
 Selected Location Filter: Latitude: 36.853, Longitude: -75.978 [Remove Location Filter](#)

Search Results:
 Navigate Results: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [>>](#) Showing results: 1 ... 200 of 407 [Results Per Page](#)

Add to Cart	Preview Image	View Extent	Title	Location	Type	Year Published	Chart Number
Preview	Preview	View Extent	Camp Pendleton and Vicinity	VA	Nautical Chart	1946	3335
Preview	Preview	View Extent	Show 'Camp Pendleton and Vicinity' Extent on Map	Vicinity	Nautical Chart	1967	3335
Preview	Preview	View Extent	Intracoastal Waterway : Norfolk to North River	VA, NC	Nautical Chart	1938	830

Step 8: To preview an image, select the Preview button associated with your chart of interest. A pop-up window will appear that displays the chart with some background information (image, title, year, scale, author, and size in inches). You can zoom and pan around this preview image. Select the “X” link on the upper right of the pop-up window or the ESC key on your keyboard to exit the preview and return to the Search page.

Note that supplemental information from our database is populated below the preview image and there is a link to a static bookmark/download URL, if you want to share or save the link to a particular map or chart.

Search Results:

Navigate Results

Showing results: 1 ... 200 of 407

Restore Default Sort Order

Add to Cart	Preview	View Extent	Title	Location	Type	Year	Chart Number
			Camp Pendleton and Vicinity	VA	Nautical Chart	1946	3335
	Preview image 3335-05-1946		Camp Pendleton and Vicinity	VA	Nautical Chart	1967	3335
	Preview		Intracoastal Waterway : Norfolk to North River	VA, NC	Nautical Chart	1938	830

Click To Select

Enter a place name (e.g. Baltimore):

Place Name: virginia beach

Bookmark, Share or Download this Image Directly: <http://historicalcharts.noaa.gov/historicalcharts/preview/image/3335-5-1946>

Image: 3335-05-1946
 Title: Camp Pendleton and Vicinity
 Type: Nautical Chart
 Year: 1946
 Scale: 1:36000
 Publisher: US Coast & Geodetic Survey
 Size:

Step 9: To download a single JPG image from the bookmark/share URL, use your right-mouse button to click on the JPG filename at the top of the image display window and select “Save As” (or similar depending on Web browser) to save the JPG to your computer.

Historical Image Display:

Image Title: Camp Pendleton and Vicinity

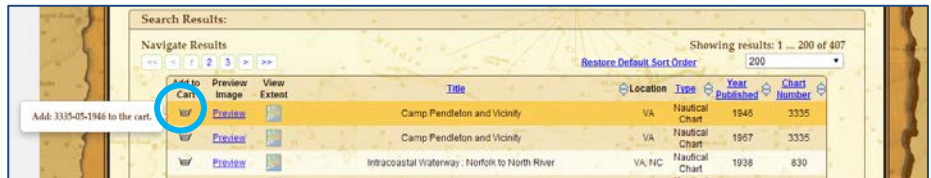
Download Map/Chart (right-click): [3335-5-1946](http://historicalcharts.noaa.gov/historicalcharts/preview/image/3335-5-1946)

Like 0

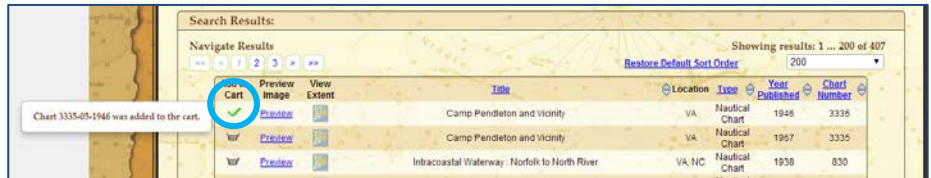
Tweet 0

- Open link in new tab
- Open link in new window
- Open link in incognito window
- Save link as...
- Copy link address
- Inspect element

Step 10: To download more than one JPG image, go to the Search Results window and click on the shopping cart icon associated with your chart/map of interest.



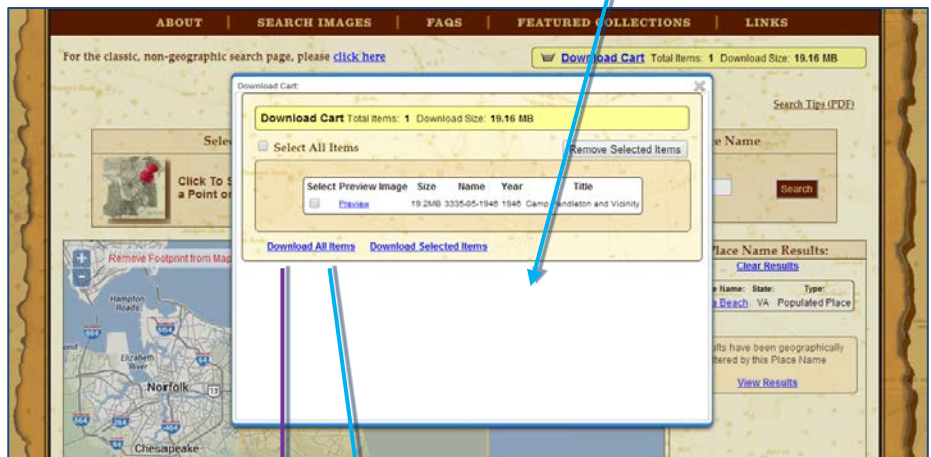
You will see a green check, which confirms that the image has been added to your Download Cart.



The Download Cart at the top of your browser window displays the total items in your cart as well as the total file size. To view the contents of your shopping cart and download your images, click on the "Download Cart" link.



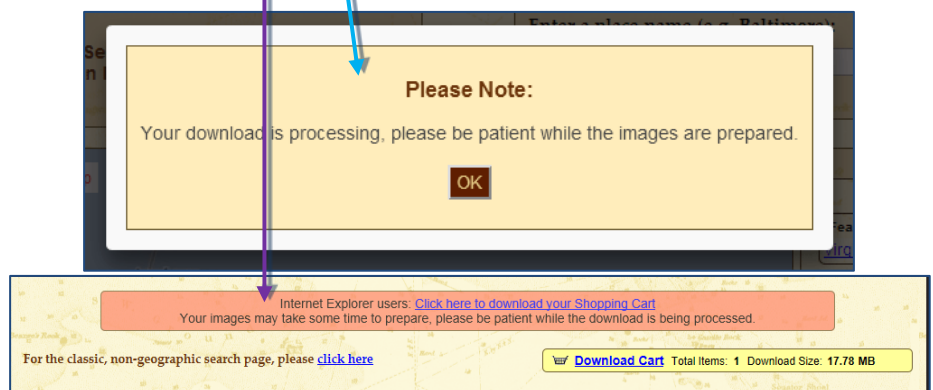
A pop-up window will appear displaying the contents of your cart. Select the "Download All Items" or select a subset of images in your cart and click the "Download Selected Items" link. We recommend keeping your download file size limit to less than 100MB. You will receive a WinZip file containing your JPG images as well as a text file containing supplemental information from our database.



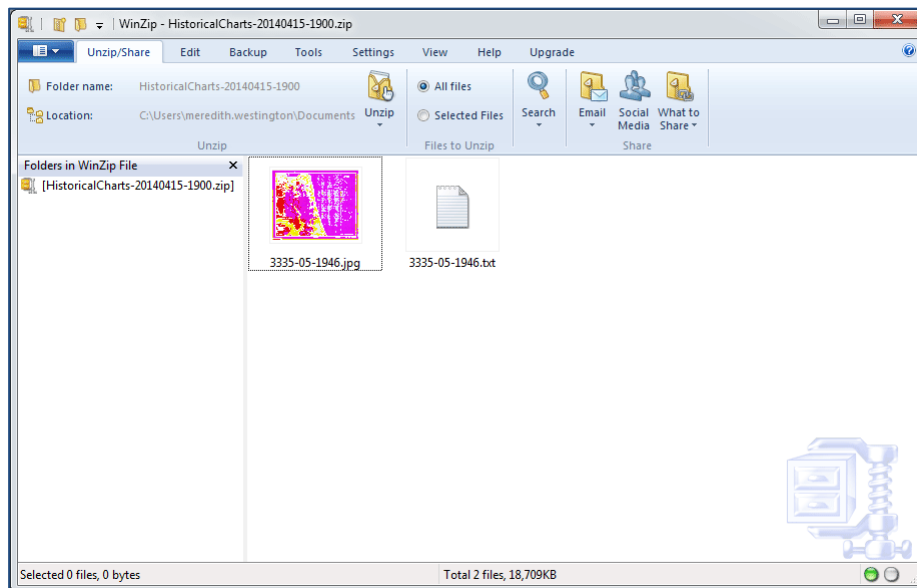
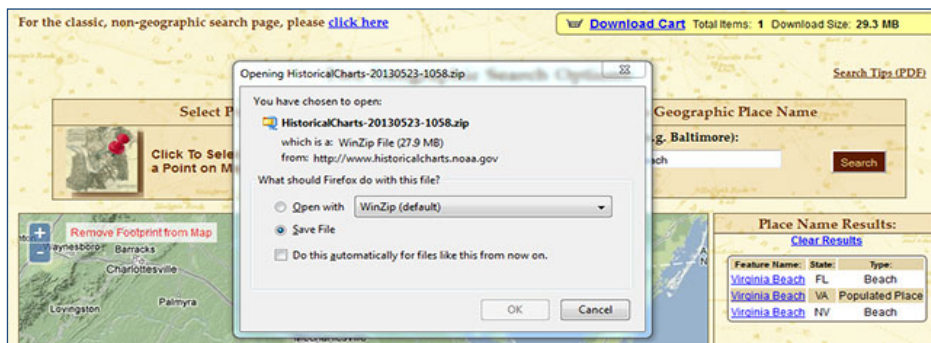
Internet Explorer 9

Google Chrome

Each Web browser behaves differently, so you may run into one of two special Download notes (images on right). Internet Explorer users must click on the link in the dark orange text box to get a Zip file. After passing this special note, a Zip file should appear in your Web browser's temporary Downloads folder.



Please download to your computer and unzip (see www.winzip.com for instructions). The JPG images can be opened in a variety of image viewing software; however, some viewers have issues opening large files. If you have this problem, you should try opening the file again with a different image viewer.





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SEARCH TIPS

Searching by Geographic Extent in the Map-Based Search

Approximately 80% of the charts and maps in the Collection have geographic extents that can be used for searching. If you believe you are not receiving all maps and charts of interest using the Map-based Search, please try the Traditional Search options, such as chart title, state/region, or even year/range of years. A Traditional Search can be accomplished in the Map-based Search page by Removing Geographic Filters and entering additional criteria in Step 3 (click Filter to execute new search).

Searching by Chart Title in the Traditional Search

Information entered into the Chart Title field searches against the title of the map or chart. Frequently, the title of a chart is descriptive of its geographic extent and may not include the most prominent city or geographic place name. If you are looking for all maps /charts that cover a particular place, try the Map-based Search option for improved results.

The Chart Title search performs an exact match with the chart title recorded in our database. When using this search option for long names, we recommend entering fewer words (or even partial words) to get the maximum number of results. It is also recommended to leave off generics on geographic place names, such as "Lake" or "River."

For example, if you're looking for charts that cover Seattle Harbor, we recommend searching for "Seattle," which will give you all maps/charts with Seattle AND Seattle Harbor in the title.

Searching by Chart Number

Searching by chart number is your best bet to retrieve a full map or chart series. We have included logical links to previous chart numbering schemes, so results from a search by chart number will yield both older and more recent historical charts of a series.

Filtering and Sorting Results

Use more than one search option to refine your search results. For example, you can search do a chart title search for "Charleston" to get all maps and charts with the name "Charleston" in the title; however, if you're only interested in charts from 1861, use the Year search option as well to refine the results.