

CMAR COASTAL MONITORING PROGRAM REFERENCE SHEET

DATA ACCESS

The Centre for Marine Applied Research (CMAR) collects high-resolution ocean data through the Coastal Monitoring Program. This program aims to support science-based development of coastal industry, guide government policy and management decisions, encourage environmental stewardship, and monitor coastal ecosystem change. The data is collected in collaboration with Nova Scotia Department of Fisheries and Aquaculture. Follow the steps below to access the data.

Step 1: Navigate to the CMAR Website

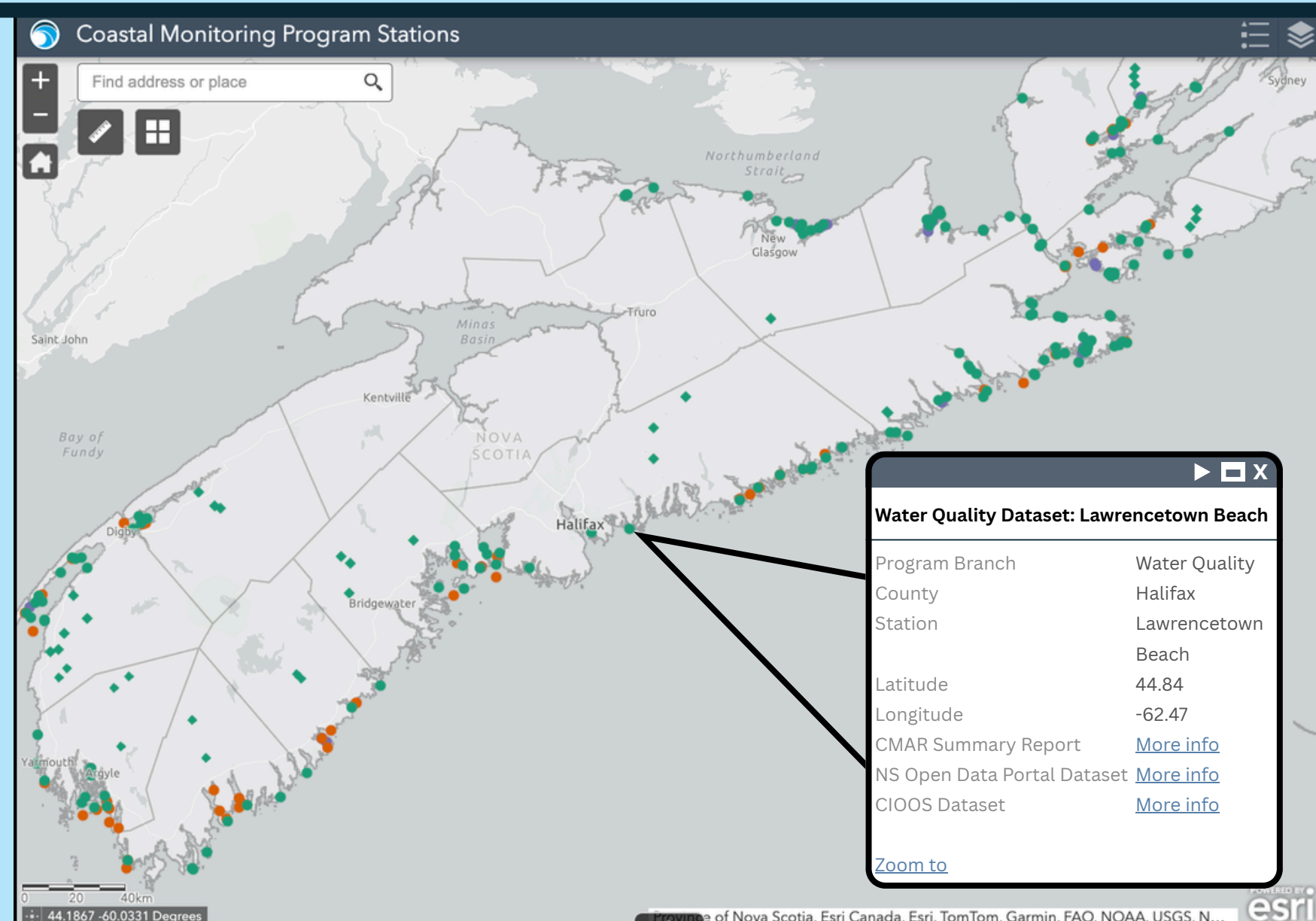
Go to <https://cmar.ca/>.

Under MAPS & DATA select COASTAL MONITORING PROGRAM.

Step 2: Scroll down to the Data Access Map

Zoom in on the area of interest.

Click on a station marker to access the summary report and dataset links.



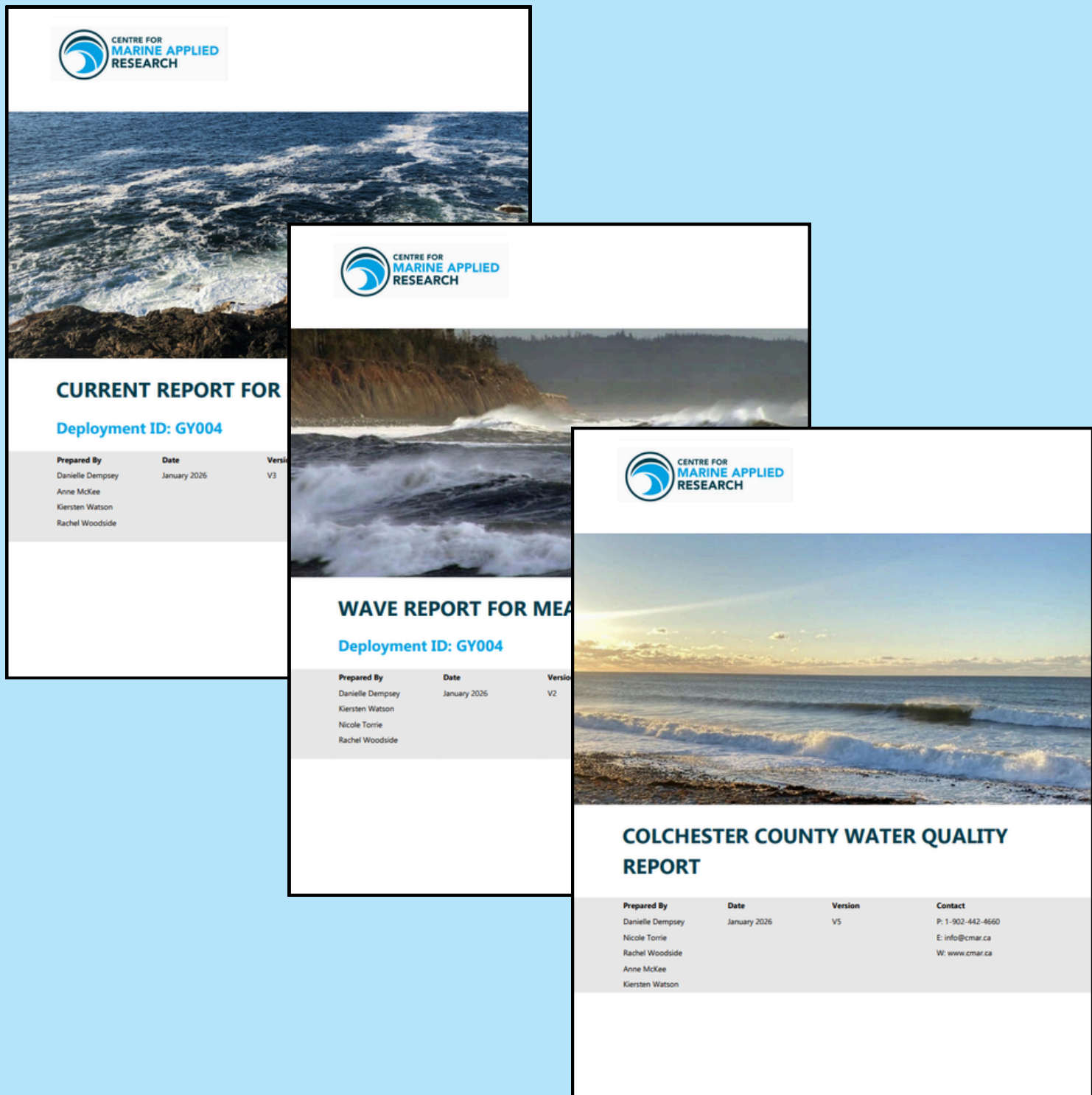
Step 3A: Open Summary Report

Click More Info next to Summary Report to open the pdf.

Reports provide deployment details and summary figures of data collected at each station.

Summary reports for Water Quality data are generated for each county.

Summary reports for Wave and Current data are produced for each deployment.



Step 3B: Access the Dataset

Click More Info next to NS Open Data Portal Dataset to open the dataset in a new browser tab.

Click Actions and select Query Data from the dropdown menu. Use Filters and Column Manager to customize dataset before exporting.



Most datasets are too big to export without filtering

NOVA SCOTIA					
Home Catalogue User's Guide Developers Licence Survey Sign In					
Back to overview					
waterbody	station	lease	latitude	longitude	deployment_range
Country Harbour	0001	0001	45.186111	-61.7175	2015-Jul-28 to 2015-Nov-17
Country Harbour	0001	0001	45.186111	-61.7175	2015-Jul-28 to 2015-Nov-17
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1 of 181972					
Showing rows 1-100 of 181972					

Apply Filters

Use Filters to select specific locations, dates, and more. Once filters are selected click Apply.

Select Columns

Use Column Manager to select data columns of interest. Once specific columns are selected click Apply.



When filtering on quality control flag columns, make sure to use the "OR" option to avoid excluding rows where one variable passes but another fails

To download dataset click Export and then Download.