

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 the New Brunswick Department of Agriculture, Aquaculture, and Fisheries (DAAF), Fisheries and Oceans Canada Gulf Region, and several field contractors.

Follow the steps below to access the data.

Step 1: Navigate to CMAR Website

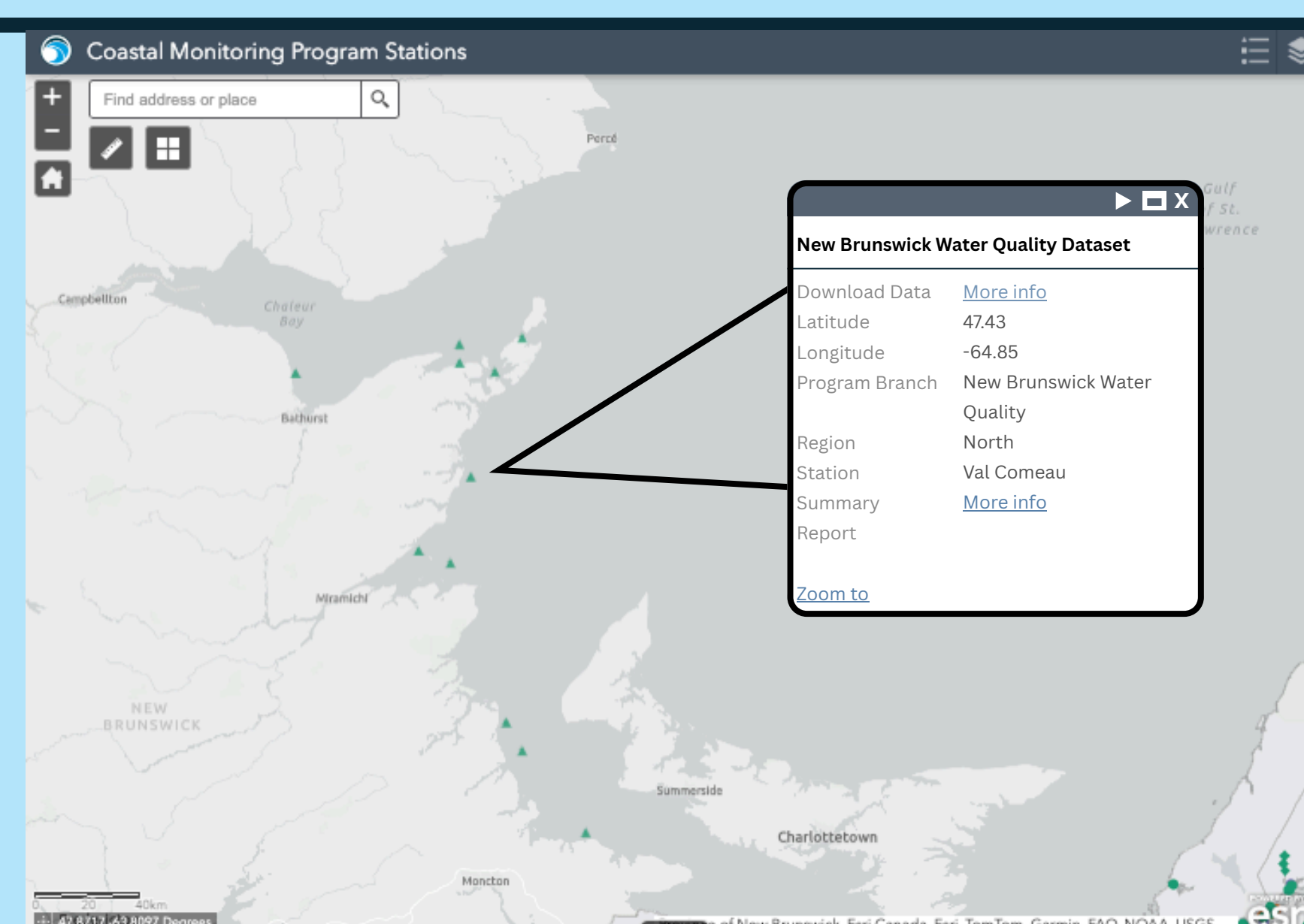
Go to <https://cmar.ca/>.

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.

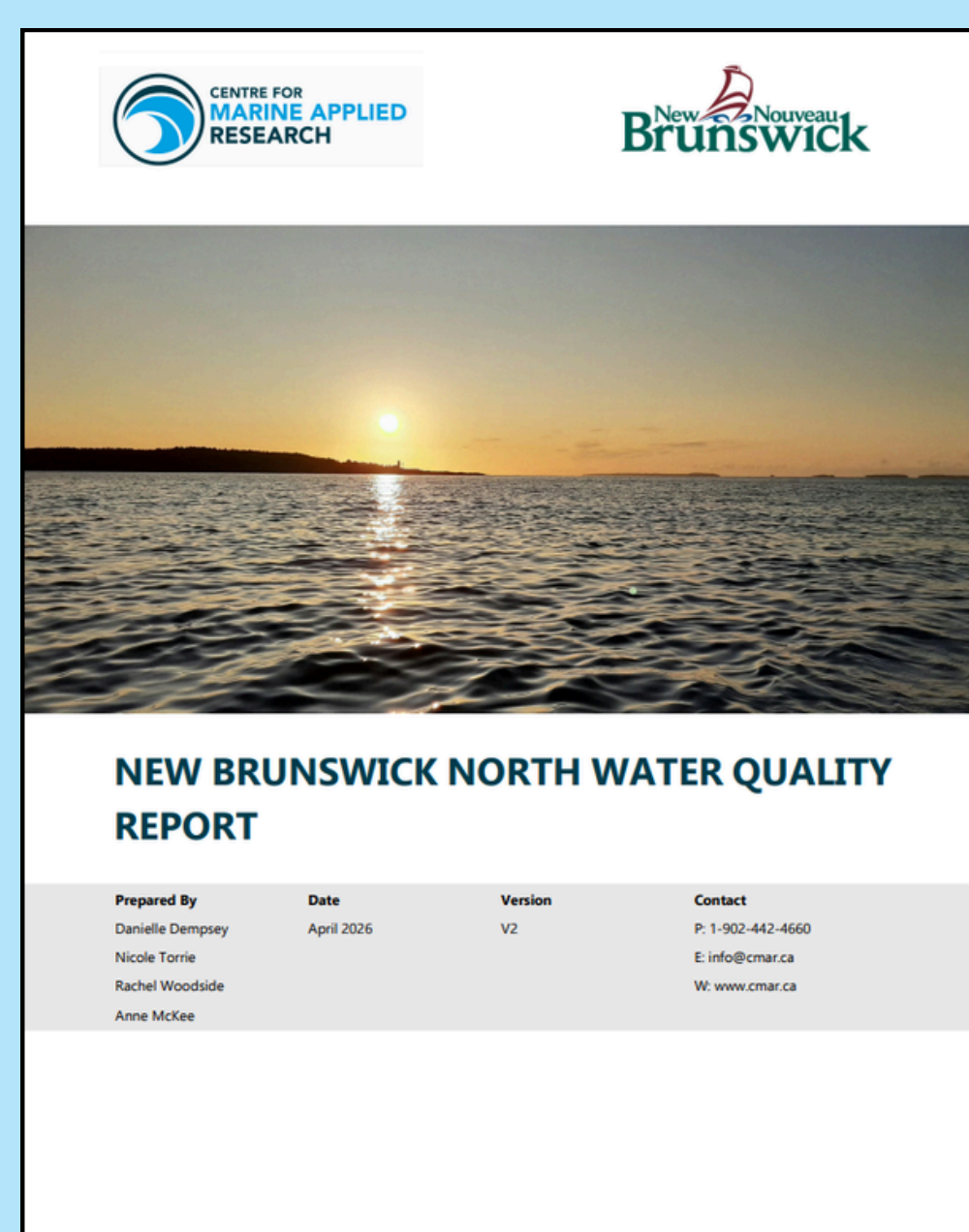


Step 3A: Open Summary Report

Click More Info next to Summary Report to open the Water Quality summary report.

A separate Summary Report is generated for the North Region and the South Region of the province.

Reports provide deployment details and summary figures of Water Quality data collected at each station in the region.



Step 3B: Access the Dataset

Click More Info next to Download Data to open the New Brunswick Open Data Portal in a new browser tab.

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



Most datasets are too big to export without filtering



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Tr	waterbody waterbody	Tr	station station	Tr	lease lease	##	latitude latitude	##	longitude longitude	Tr	deployment_range deployment_range	Tr	string_configuration string_configuration	Tr	sensor_type sensor_type
	Northumberland Strait		Boutouche			46.5321166666667	-64.6024666666667		-64.6024666666667		2025-Jun-06 to 2025-Oct-22		sub-surface buoy		aquameasure
	Northumberland Strait		Boutouche			46.5321166666667	-64.6024666666667		-64.6024666666667		2025-Jun-06 to 2025-Oct-22		sub-surface buoy		aquameasure
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[<](#)

[of 8099](#)
[>](#)

Showing rows 1-100 of 8099

Apply Filters

Use Filters to select specific locations, dates, and more. Once filters 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

Select Columns

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

To download dataset click Export and then Download.