

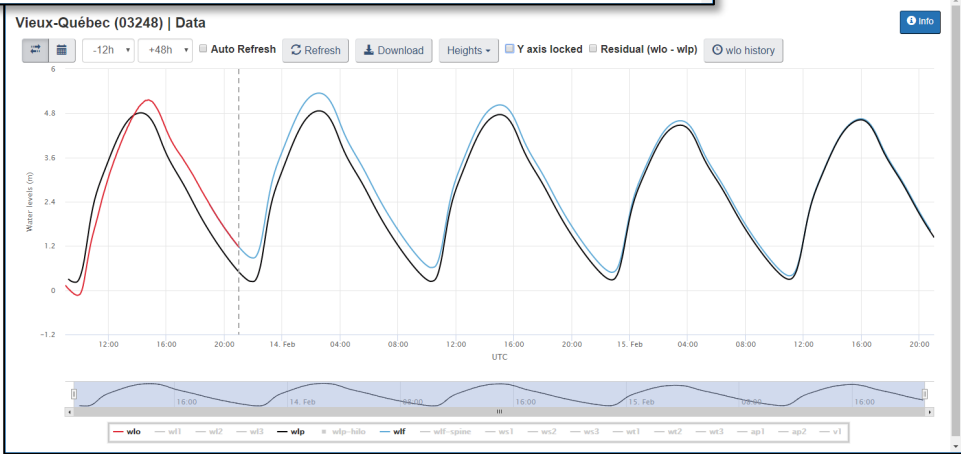


Integrated Water Level System (IWLS)

- Project started in 2017 and operational since January 2020
- Objective is to design a consolidated data model with focus on:
 - Meeting needs of all regions
 - Performance for large and frequent queries
 - Scalability to accommodate more data
 - Extendibility to accommodate changing data sets
 - Migrate data to consolidated model
 - Redevelop data acquisition, management, and QA tools to work with new data model
 - Inclusion of air clearance (bridges & cables) + Currents
 - Integrations of tide and water level models
 - Feed other services (Servox, Web services, Mobile app, S-111, S-104, etc...)



Integrated Water Level System (IWLS)



IWLS - Web Management App

Government of Canada / Gouvernement du Canada

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Info Location Heights Tidal Info Datums Benchmark

Code	02780	Latitude	50.194833
Official Name	Sept-Îles	Longitude	-66.376833 Google Maps
Alternative Name	Seven Islands, Seven Islands	Expected Productivity Per Hour	20
Province	Quebec	Last maintenance date	
Established	1910	Tidal Regime	Yes
Type	Permanent	Vertical Reference Datum	CGVD28 (-1.445)
Date of commissioning			

<https://iwls.dfo-mpo.gc.ca/station/5ceb1e43d0f4073c4bc347#details-info>