



Data Products and Services

Online Data & Inventory Services

Custom & Standard Data & Inventory Products

Data Archiving & Dissemination Services

Data Source Referral Services

Media include CD-ROM, diskettes, 4mm DAT, 8mm, online, DVD, FTP & Hardcopy

MEDS Request Services

Telephone : (613) 990-0243

Fax : (613) 993-4658
Attn : Request Services

E-mail :
Service@meds-sdmm.dfo-mpo.gc.ca

Web :
www.meds-sdmm.dfo-mpo.gc.ca

Surface mail :

Request Services
Marine Environmental Data Service
Department of Fisheries and Oceans
W12082-200 Kent Street
Ottawa, Ontario
Canada
K1A 0E6

Access to Ocean Data



Marine Environmental Data Services

MEDS data holdings

Contaminants

In marine and fresh waters around Canada.

About 1 million measurements from 1977-present.

Updated continuously, distributed archive, on-line access

Metals / PCB's / Dioxins-Furans / Pesticides / Hydrocarbons / Alkanes and Aromatic Coumpounds / Organochlorines

Oceanographic Profiles

Coverage primarily north west hemisphere

Temperature, salinity, oxygen & a variety of nutrients & chemicals XBT, BT, CTD, Bottle, real-time and delayed

Over 3 million profiles dating back to 1873

Updated yearly: 300,000 new profiles per year.

Tides & Water Levels

Atlantic, Pacific, & Arctic coasts, the Great Lakes & St. Lawrence River

Hourly Heights & monthly instantaneous extremes

Over 3 million parameter-days since before the turn of the century

Updated daily: 1000,000 parameter-days per year

Drifting Buoy Data

The global database of ARGOS drifting buoy records

Over 25 million messages since 1978

Updated monthly: 300,000 new messages

Measured Wave Data

Over 400 locations around Canada-coastal & offshore east & west Coasts, the Beaufort Sea, the Great Lakes, & the St. Lawrence River

Calculated non-directional & directional wave spectra

Calculated variables such as the significant wave height & peak period

Digital time series of water surface elevations

Hindcast modelling datasets

Over 5 million individual wave spectra since 1970s

Updated daily: 250,000 new real-time spectra per year.

Other Data Collections

Mainly records in original format

Includes Offshore Oil & Gas Environmental Dataset, Hudson Bay Seabed Stereophotos,

Lighthouse Daily Seawater, Tidal Charts on microfilm, etc.

They support :

Operations & Regulatory

Marine Transportation
Offshore Industry
Seaway Interests
Fisheries

Marine Research

Federal government
Other governments
Private Sector
Universities

Marine Engineering

Marine Construction
Offshore Platforms
Ship Design

Emergency Measures

Waves, Floods & Storm Surge
Search & Rescue
Spill Mitigation

International Science

Global Science Programs

International Data Exchange

IOC/WMO/ICES Programs
Bilateral Agreements