

Sweden

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Summary of Operational and Planned Oceanographic Observation Programs

Sea Level

2 GLOSS MSL sites (Goteborg and Stockholm) latest data posted at Bidston -2010 as of November <http://www.psmsl.org/data/obtaining/> FAST data posted at Hawaii center through October 2011 for Goteborg, Smogen and Stockholm. <http://ilika.i.soest.hawaii.edu/uhs/c/woce.html> See also <http://www.ioc-sealevelmonitoring.org/index.php> for near real-time data

Overall, 19 sites in National net. 13 sites are GPS positioned.
See <http://www.sonel.org/spip.php?page=cgps> 5 Stations are LTT (tide gauges for Long Term Trends)

ESEAS Participant: <http://www.eseas.org/abouttheseas/?page=members>

Waves

At sites Finngrundet, Huvudskär Ost, S Baltic, Läsö Ost, Väderöarna
http://www.smhi.se/en/Weather/Sweden-weather/Ocean-observations/havsvag_tab_en.htm

Currents

At sites Huvudskär Ost and Läsö Ost
http://www.smhi.se/en/Weather/Sweden-weather/Ocean-observations/havsstrom_tab_en.htm

SST

At sites Finngrundet, Forsmark, Huvudskär Ost, Marviken, Kungsholmsfort, S. Baltic, Läsö Ost, Ringhals, Gothenburg and Väderöarna
http://www.smhi.se/en/Weather/Sweden-weather/Ocean-observations/havstemp_tab_en.htm

Coastal

37 Met stations (wind and temperature)

http://www.smhi.se/weatherSMHI2/kustobs/kustobstabell_en.htm

Coastal Map http://www.smhi.se/weatherSMHI2/kustobs/kustobs_en.htm

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Ice

Swedish Ice Service collects and maps SST in Skagerrak, Kattegat, Baltic, Gulfs of Bothnia, Finland and Riga twice weekly. Maps ice condition November-May and provides information on ice conditions and restrictions.

<http://www.smhi.se/en/services/professional-services/shipping/swedish-ice-service-1.8715>

BIO/Chem

North Sea International Bottom Trawl Survey participant since 1972. Latest hauls posted 2011. Baltic International Trawl Survey also since 1972. latest posted data 2011.

http://datras.ices.dk/Data_products/Submission_Status.aspx

Regular biological/chemical cruises, RV Argos, Skagerrak-Kattegat-Baltic.

Swedish Board of Fisheries http://seadata.bsh.de/csr/retrieve/pogo_index.html

The Algae situation - Surface accumulations of algal blooms in the Baltic Sea. Partner with other Baltic Nations through BOOS. <http://www.smhi.se/en/Weather/Sweden-weather/the-algae-situation-1.11631> (not produced during winter)

TS Hydrography

Latest and next Repeat Hydrographic section (standard WOCE sampling). Barrow Alaska to Svalbard Norway 2005 and planned 2012 (L. Anderson).

http://www.go-ship.org/RefSecs/Table&Meas_May2010b.pdf

Swedish Oceanographic Data Center (SODC) is a National and regional data host for marine physical, biological and chemical data.

http://www.smhi.se/oceanografi/oce_info_data/oce_data_en.html