

# National Report of Denmark

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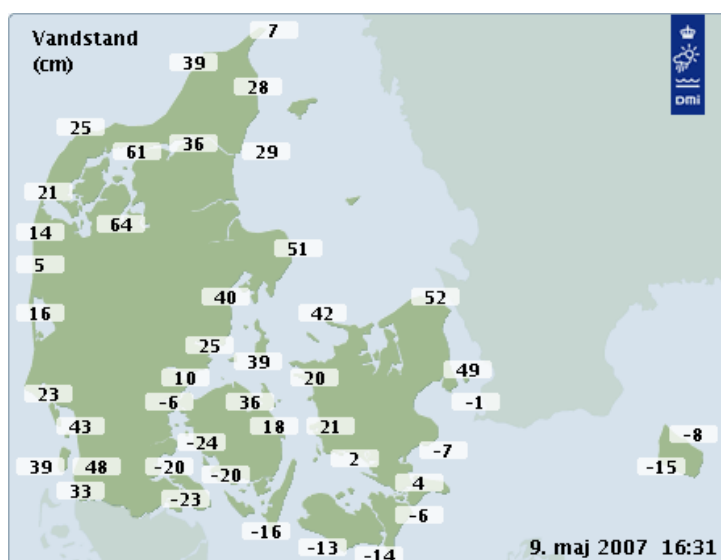
## Denmark

DMI and RDANH run together with the Danish Coastal Authority and harbour authorities 84 tide gages. All data are collected at DMI, and the instantaneous sea level observations are displayed at the webpage of DMI by a close co-operation between the institutes.

The map below shows the on-line sea level data displayed at DMI's webpage. Sub domains show more stations. Direct link: <http://www.dmi.dk/dmi/index/danmark/vandstand.htm>

Most of the sea level stations are also displayed on the webpage of RDANH at

<http://www.frv.dk/en/ifm/index.htm>



## Data for GLOSS/PSMSL:

Data from the following 17 Danish stations, run by DMI, are available through PSMSL.

These 14 tide gauges are operational stations:

130/001 Gedser	54 34 N	11 56 E
130/011 Rødbyhavn	54 39 N	11 21 E
130/016 Tejn	55 15 N	14 50 E
130/021 København	55 42 N	12 36 E
130/031 Hornbæk	56 06 N	12 28 E
130/041 Korsør	55 20 N	11 08 E
130/051 Slipshavn	55 17 N	10 50 E
130/062 Fynshav	55 00 N	09 59 E
130/071 Fredericia	55 34 N	09 45 E
130/081 Aarhus	56 09 N	10 13 E
130/091 Frederikshavn	57 26 N	10 34 E
130/101 Hirtshals	57 36 N	09 58 E
130/111 Hanstholm	57 07 N	08 36 E
130/121 Esbjerg	55 28 N	08 26 E

These three tide gauges have stopped and only historical data are available:

130/018 Hammerhavn	55 17 N	14 45 E
130/019 Christiansø	55 19 N	15 11 E
130/061 Mommark	54 56 N	10 03 E

## GPS stations:

The tide gauges in Gedser, Hirtshals and Esbjerg are equipped with permanent GPS stations.

## Tide gauges instruments:

RDANH is in a process of updating all their instruments in Denmark to a new acoustic type. Previously both acoustic and pressure gauges were used.

DMI operates Aanderaa CTD instruments.

## Greenland

DMI and RDANH have ended all sea level activities in Greenland in 2002 and 2004, respectively. This includes the GLOSS GCN stations 225 Nuuk & 228 Ammassalik.

An update of the data from RDANH until 2004 will soon be delivered to the PSMSL database.

The station in Qaqortoq (PSMSL 980/045) is continued by DNSC. Furthermore, DNSC has established tide gauges in Thule in 2001 which has been relocated and upgraded to international standards in 2006. Also in 2006 a station in Illoqqortoormiit was established. At those location permanent GPS are jointly collocated.

Data from Qaqortoq and Thule are in NRT mode.

Instruments in Greenland: DNSC operates Aanderaa WLR7 instruments. A photo of the

instrument in Thule is seen below.



## Faroe Islands

The GLOSS station (GCN 237) Torshavn:

The station, of floating/well device type, run by DMI, has stopped during winter 2006 due to technical failure. DMI is investigating the economical possibilities for a continuation of the station.