

Data has been limited to include only winter months:

Arctic, October-April

Antarctic, April to October. (In the southernmost parts of the Ross and Weddell Seas March might be fine as well)

North Pole drifting stations, NP37-39:

In situ sea ice freeboard heights and snow depth measurements. Measured about 3 times a month in a 100m x 100m grid. Data in the RRDP has been averaged over the grid to give one measurement per day. The position is related to the position of the drifting station at 12 UTC.

NP observations have been collocation with CS2 freeboard heights averaging CS2 data using a 25 km search radius on individual tracks and date of observation plus/minus 14 days.

NP observations have been collocation with ENVISAT freeboard heights averaging ENVISAT data using a 50 km search radius on individual tracks and date of observation plus/minus 14 days.

NP37, September 2009 – April 2010

NP38*, October 2010 – April 2011

NP39, November 2011 – April 2012

*snow depth only

- Data format:
- *Observation ID*
- *Time (YY-MM-DDTHH:MM:SS)*
- *Latitude (dechr)*
- *Longitude (dechr)*
- *CS2 AWI/SICCI freeboard heights (m)*
- *CS2 ESA freeboard heights (m)*
- *ENVISAT SICCI freeboard heights using OSISAF as sea ice types (m)*
- *ENVISAT SICCI freeboard heights using IFREMÉR as sea ice types (m)*
- *NP sea ice freeboard heights (m)*
- *NP snow depth (m)*
- *W99 snow depth (m)*
- *W99 snow density (kg/m³)*
- *NEMO-LIM3 modelled snow depths (m)*