Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2013S1
IMEI: 300234011691900
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

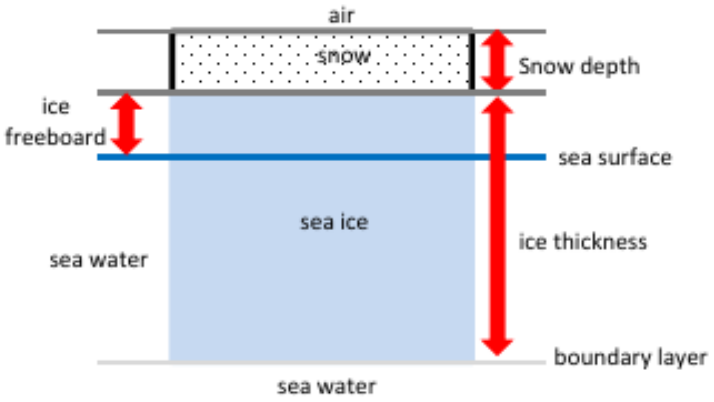


Deployment information

Date and Time (UTC): 11.02.2013 18:00
Position (Lat/Lon): -70.67520/-8.27440
Region: Neumayer III
Contact:
Lisa-Katharina Behrens (AWI)
Expedition name: AFIN 2013
Means of deployment: stationary time series

Snow and ice conditions

Snow depth:
Ice thickness:
Ice freeboard:
Ice types:
Shelf Ice



Buoy-specific parameters

Temp correction: on
Sensor temp stop: 2013-04-29 23:58 UTC
Sensor press stop: 2013-04-29 23:58 UTC
Sensor sh4 stop: 2013-04-01 09:00 UTC
Sensor sh3 stop: 2013-04-29 23:58 UTC
Sensor sh2 stop: 2013-04-29 23:58 UTC
Sensor sh1 stop: 2013-04-29 17:01 UTC
Sensor gps stop: 2013-04-29 23:58 UTC

Additional information *(comments, weather, topography, ice floe size, etc.)*

This deployment is for testing purposes only. As the buoy is located on an ice shelf (with deep snow cover), a documentation of the ice conditions does not apply. The buoy was retrieved on 8 May 2013 and examined closer at Neumayer due to failure of the snow height sensors.
Former names: NM_S_002a and 2013S1a.
No data available for initial freeboard, initial ice thickness, initial snow depth.
Note: The data set from this buoy does not show snow depth, but only relative changes.

The buoy was repaired and re-deployed on 7 March 2014 as 2014S24