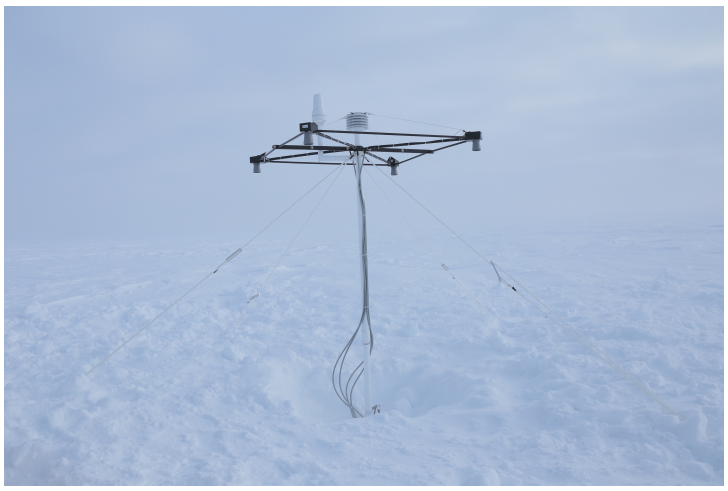
Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2015S23
IMEI: 300234062426060
WMO number: 6400472
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

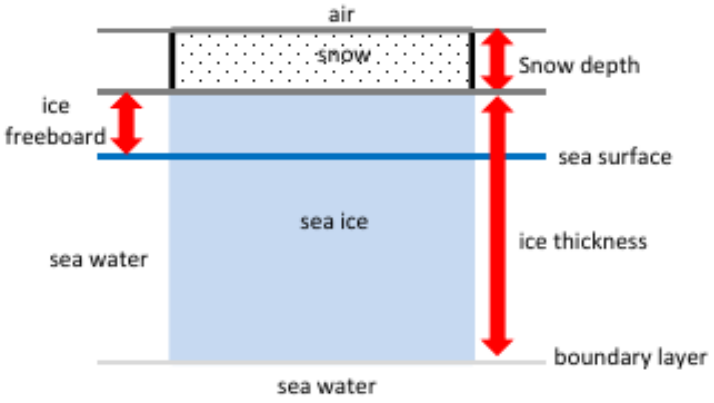


Deployment information

Date and Time (UTC): 20.04.2015 17:15
Position (Lat/Lon): 83.17800/16.41020
Region: Fram Strait
Contact:
Nina Maaß (UHH)
Polona Itkin (NPI)
Expedition name: N-ICE 2015
Means of deployment: Ship - gangway

Snow and ice conditions

Snow depth: 0.42 m
Ice thickness: 1.25 m
Ice freeboard: -0.02 m
Ice types:
no specification



Buoy-specific parameters

Sensor sh4 stop: 2015-06-11 15:00 UTC
Sensor sh3 stop: 2015-06-11 07:00 UTC
Sensor sh2 stop: 2015-06-11 07:00 UTC
Sensor sh1 stop: 2015-06-11 07:00 UTC
Initial sh3: 0.44 m
Initial sh4: 0.32 m
Temp correction: off
Sensor gps stop: 2015-06-11 15:00 UTC
Sensor temp stop: 2015-06-11 15:00 UTC
Sensor press stop: 2015-06-11 15:00 UTC
Initial sh2: 0.33 m
Initial sh1: 0.38 m

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

ice floe 200 x 200 m, ridged and surrounded by leads (island). Bad visibility (fog and drifting snow) deteriorating toward the end of the deployment. Due to this we decided to deploy just the snow buoy and no IMB (visibility became so bad that the helicopter pick up became questionable). Due to bad visibility no triangle with the snow depth and ice thickenss measurements was
done.
WMO: 6400472 (Greenland Sea, Fram Strait)