Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2014T15
IMEI: 300234011272450
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 29.01.2014 14:31
Position (Lat/Lon): -73.88646/-35.44230
Region: Weddell Sea
Contact:
Ben Lange (AWI)
Sandra Schwegmann (AWI)
Expedition name: PS82-ANT29/9
Means of deployment: Ship - mummy

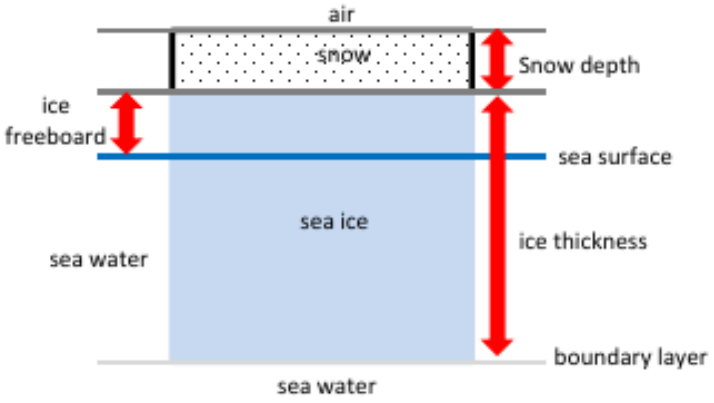
Snow and ice conditions

Snow depth: 0.3 m
Ice thickness: 1.32 m
Ice freeboard: 0 m
Ice types:
FYI (First Year Ice)

Buoy-specific parameters

Sensor spacing: 0.02 m
Chain length: 20 m
Sensor air snow (Sensor ID): 5
Sensor sea surface (Sensor ID): 20
Sensor snow ice (Sensor ID): 20
Sensor ice water (Sensor ID): 86
Total number of sensors: 270





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

Thermistor chain is 20 m long with spacing for 2cm (first 5m) and 50cm (15m)
sunny to cloudy, ABiPSO station with ITAPs, snow buoy and beacon
floes size 500 to 2000m, ridges around, 10 to 20 percent, ridge height 0.5 to 1.0 m
Picture above is from a revisit to the site 2 days after deployment
Snow buoy 2014S11, ITAP from Volker Strass and 2014B1 also deployed