Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2014T12
IMEI: 300234061763810
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 14.07.2014 20:19
Position (Lat/Lon): 82.97034/-4.06819
Region: Central Arctic Ocean
Contact:
Christian Katlein (AWI)
Expedition name: PS86-ARK28/3
Means of deployment: Ship - gangway

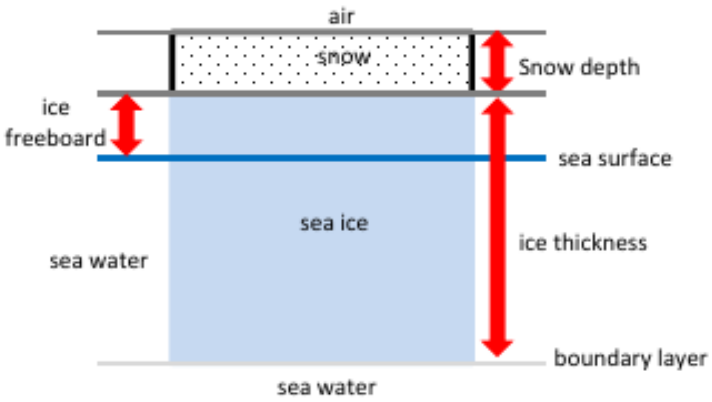
Snow and ice conditions

Snow depth: 0.19 m
Ice thickness: 2.36 m
Ice freeboard: 0.21 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Sensor spacing: 0.02 m
Chain length: 5 m
Sensor air snow (Sensor ID): 37
Sensor snow ice (Sensor ID): 47
Sensor sea surface (Sensor ID): 57
Sensor ice water (Sensor ID): 165
Total number of sensors: 240





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

Sunny weather, large Multiyear floe, 20 percent ridges with heights 0.5 to 2m, ice floe size 2x2km, mostly wet snow, deployment on dry spot
Former name: FS_T_053