Buoy Deployment Report

seaiceportal.de

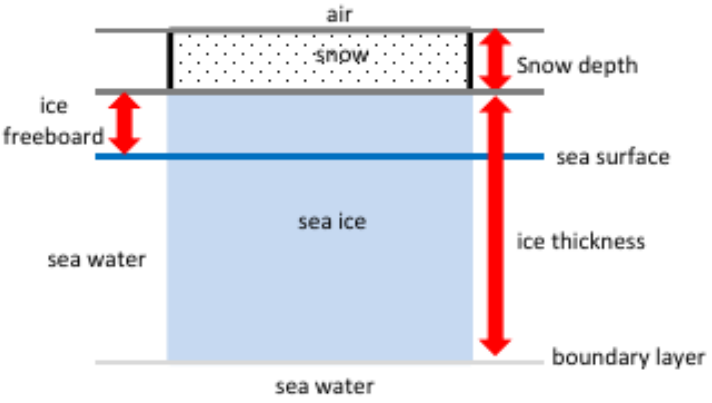
Buoy information

Buoy name: 2016S44
IMEI: 300234064010010
WMO number: 2600565
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research



Deployment information

Date and Time (UTC): 06.10.2016 12:00
Position (Lat/Lon): 86.71800/57.42100
Region: Arctic Ocean
Contact:
Christian Katlein (AWI)
Marcel Nicolaus (AWI)
Expedition name: PS101-ARK30/3
Means of deployment: Helicopter



Snow and ice conditions

Snow depth: 0.2 m
Ice thickness: 1.16 m
Ice freeboard: 0.06 m
Ice types:
SYI (Second Year Ice)

Buoy-specific parameters

Initial sh1: 0.08 m
Initial sh2: 0.04 m
Initial sh3: 0.06 m
Initial sh4: 0.04 m
Temp correction: off
Sensor gps stop: 2017-06-05 03:03 UTC
Sensor temp stop: 2017-06-05 03:03 UTC
Sensor press stop: 2017-06-05 03:03 UTC
Sensor sh4 stop: 2017-06-05 02:00 UTC
Sensor sh3 stop: 2017-06-05 02:00 UTC
Sensor sh2 stop: 2017-06-04 20:01 UTC
Sensor sh1 stop: 2017-06-04 20:01 UTC

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

Co-deployed with 2016M1
Station No. PS101/0Heli9
new snow, but also 20cm of old frozen scattering layer, ice thickness measurements from 2016T39