Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2018T46
IMEI: 300234064817090
Buoy type: Thermistor Buoy
Buoy owner: Finnish Meteorological Institute

Deployment information

Date and Time (UTC): 16.09.2018 00:00
Position (Lat/Lon): 80.44022/161.92585
Region: East Siberian Sea
Contact:
Jakob Belter (AWI)
Miriam Hansen (CAU)
Simon Hummel (AWI)
Expedition name: TRANSDRIFT XXIV (TICE)
Means of deployment: Ship - mummy

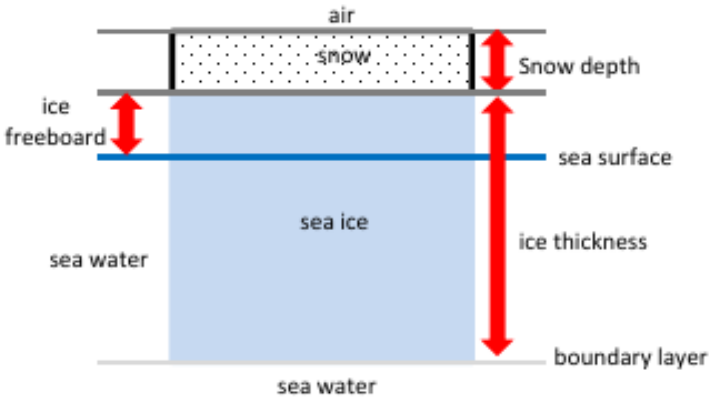
Snow and ice conditions

Snow depth: 0.004 m
Ice thickness: 1.82 m
Ice freeboard: 0.25 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Sensor chain stop: 2020-02-24 18:00 UTC
Sensor gps stop: 2020-02-25 06:39 UTC
Sensor snow ice (Sensor ID): 20
Sensor air snow (Sensor ID): 20
Total number of sensors: 241
Chain length: 5 m
Sensor spacing: 0.02 m
Sensor ice water (Sensor ID): 111
Sensor sea surface (Sensor ID): 32





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

Co-deployed with 2018S78
floe size 60x150m, 10 percent ridges, 10 percent refrozen melt ponds, weather shift from foggy to clear skies within two hours
System includes: one snow buoy and one IMB
salinity core was taken