Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2018T55
IMEI: 300234065171770
Buoy type: Thermistor Buoy
Buoy owner: Finnish Meteorological Institute

Deployment information

Date and Time (UTC): 15.09.2018 10:00
Position (Lat/Lon): 80.72005/159.83214
Region: East Siberian Sea
Contact:
Jakob Belter (AWI)
Miriam Hansen (CAU)
Simon Hummel (AWI)
Expedition name: TRANSDRIFT XXIV (TICE)
Means of deployment: Ship - mummy

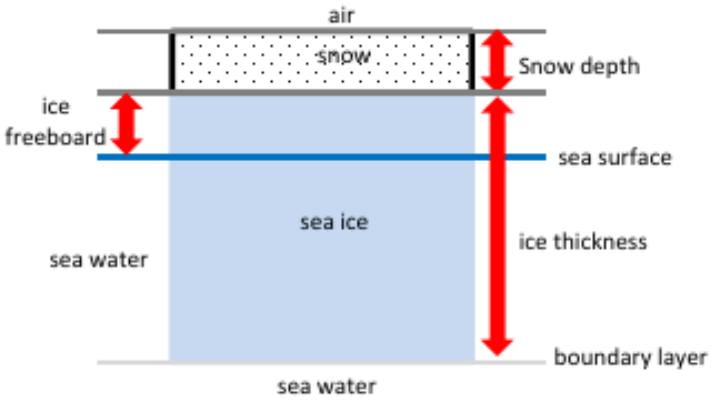
Snow and ice conditions

Snow depth: 0.003 m
Ice thickness: 2.11 m
Ice freeboard: 0.47 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Sensor chain stop: 2020-04-03 18:00 UTC
Sensor gps stop: 2020-04-04 03:00 UTC
Sensor sea surface (Sensor ID): 44
Sensor snow ice (Sensor ID): 21
Chain length: 5 m
Sensor spacing: 0.02 m
Sensor ice water (Sensor ID): 126
Sensor air snow (Sensor ID): 21
Total number of sensors: 241





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

Co-deployed with 2018S71
Clear weather, floe size 80x150m, 20 percent ridges, refrozen melt ponds
System includes: one snow buoy and one IMB
No salinity core was taken