Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2018S73
IMEI: 300234066347810
WMO number: 2501645
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 11.09.2018 22:35
Position (Lat/Lon): 80.48547/168.40345
Region: East Siberian Sea
Contact:
Benjamin Rabe (AWI)
Jakob Belter (AWI)
Miriam Hansen (CAU)
Myriel Vredenborg (AWI)
Sandra Tippenhauer (AWI)
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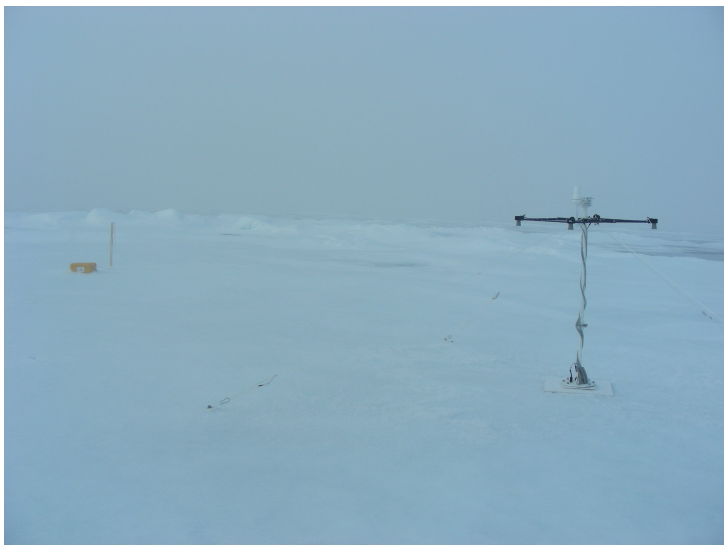
Expedition name: TRANSDRIFT XXIV (TICE)
Means of deployment: Ship - mummy

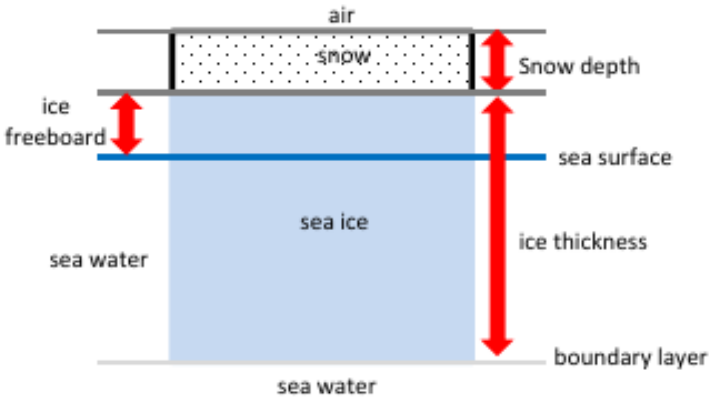
Snow and ice conditions

Snow depth: 0 m
Ice thickness: 2.53 m
Ice freeboard: 0.3 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Temp correction: off
Initial sh4: 0 m
Initial sh3: 0 m
Initial sh2: 0 m
Initial sh1: 0 m
Sensor sh1 stop: 2020-04-03 20:02 UTC
Sensor sh2 stop: 2020-04-03 20:02 UTC
Sensor sh3 stop: 2020-04-03 20:02 UTC
Sensor sh4 stop: 2020-04-03 20:02 UTC
Sensor press stop: 2020-04-03 20:02 UTC
Sensor temp stop: 2020-04-03 20:02 UTC





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

Co-deployed with 2018T53
IMB and Snow Buoy. foggy, floe size 250x150m, ridges 10-20 percent and 0.5-1.5 m high, System includes: one snow buoy and one IMB
Partial salinity core was taken