Buoy Deployment Report

seaiceportal.de

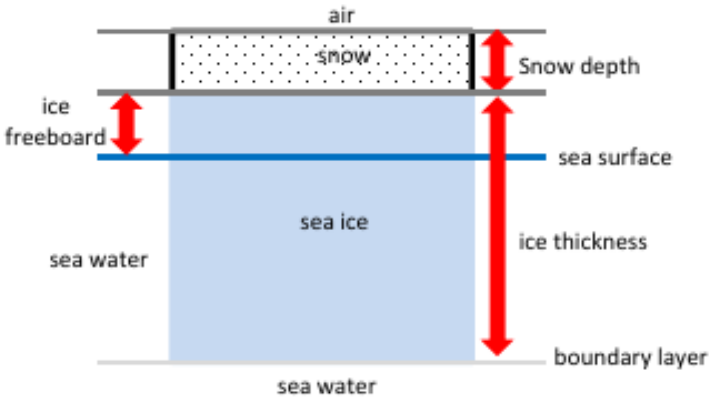
Buoy information

Buoy name: 2018S74
IMEI: 300234066347840
WMO number: 2501644
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research



Deployment information

Date and Time (UTC): 14.09.2018 08:30
Position (Lat/Lon): 80.76295/163.18382
Region: East Siberian Sea
Contact:
Benjamin Rabe (AWI)
Jakob Belter (AWI)
Miriam Hansen (CAU)
Myriel Vredenborg (AWI)
Sandra Tippenhauer (AWI)
Simon Hummel (AWI)
Expedition name: TRANSDRIFT XXIV (TICE)
Means of deployment: Ship - mummy



Snow and ice conditions

Snow depth: 0 m
Ice thickness: 2.39 m
Ice freeboard: 0.29 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: 2019-08-06 09:00 UTC
Sensor sh2 stop: 2020-05-27 12:02 UTC
Sensor sh3 stop: 2020-05-27 12:02 UTC
Sensor sh4 stop: 2020-05-27 12:02 UTC
Sensor press stop: 2020-05-27 12:02 UTC
Sensor temp stop: 2020-05-27 12:02 UTC

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

Co-deployed with 2018T52
IMB and Snow Buoy. floe size 200x150m, 10 percent ridges, refrozen melt ponds,
System includes: one snow buoy and one IMB
salinity core was taken