Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2024S139
IMEI: 300534066617750
WMO number: 4701553
Buoy type: Snow Buoy
Buoy owner: Unknown at import time

Deployment information

Date and Time (UTC): 13.09.2024 19:15
Position (Lat/Lon): 85.83333/139.03333
Region: Magnetic North Pole
Contact:
Christian Haas (AWI)
Expedition name: Charcot 2024
Means of deployment: Ship - gangway

Snow and ice conditions

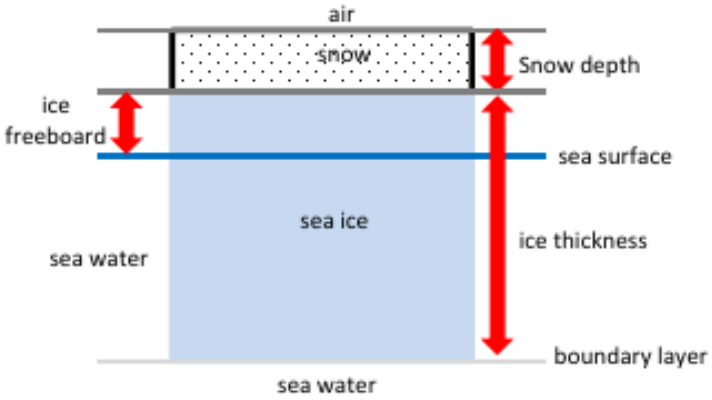
Snow depth: 0.08 m
Ice thickness: 3 m
Ice freeboard:
Ice types:
Level Ice

Buoy-specific parameters

Initial sh4: 0.12 m
Initial sh3: 0.07 m
Initial sh2: 0.06 m
Initial sh1: 0.07 m
Temp correction: off



Photo credits:



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

Long station on large floe at Magnetic North Pole. Ship position at end at 23:05 UTC: 85d50m N 139m 2d E. Large floe with nice new fluffy snow mostly less than 5 cm, but some nice snow drifts as well; ice layers absent. Large level areas intersected by hummocks and ridges up to 2 m high. Snow buoy deployed on level ice looking very similar to other level areas; maybe 30 m from closest ridges. EM31SH station number 5460 at snow buoy site, check for reference for ice thickness variability