Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2026P341
IMEI: 300534064285500
Buoy type: Surface Velocity Profiler (iSVP)
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 10.03.2026 18:14
Position (Lat/Lon): -67.61250/-51.26667
Region: Weddell Sea
Contact:
Stefanie Arndt (AWI)
Expedition name: Polarstern PS153-SWOS 2026
Means of deployment: Helicopter

Snow and ice conditions

Snow depth: 0.15 m
Ice thickness: 1.3 m
Ice freeboard: 0.12 m
Ice types:
FYI (First Year Ice)

Buoy-specific parameters

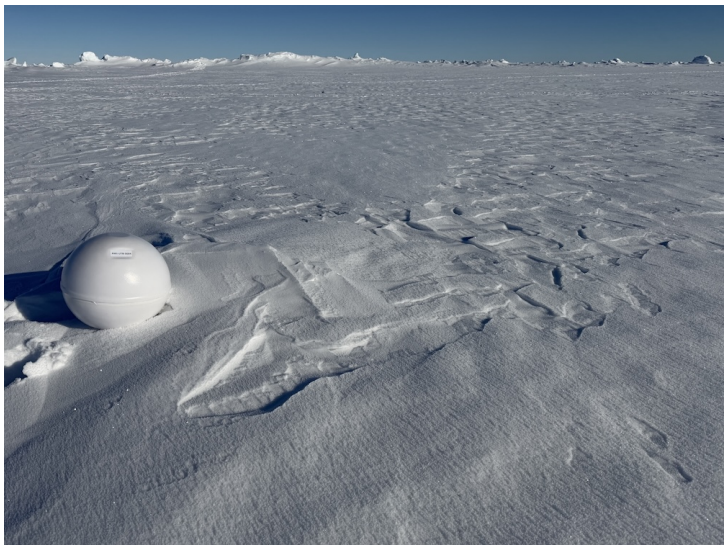
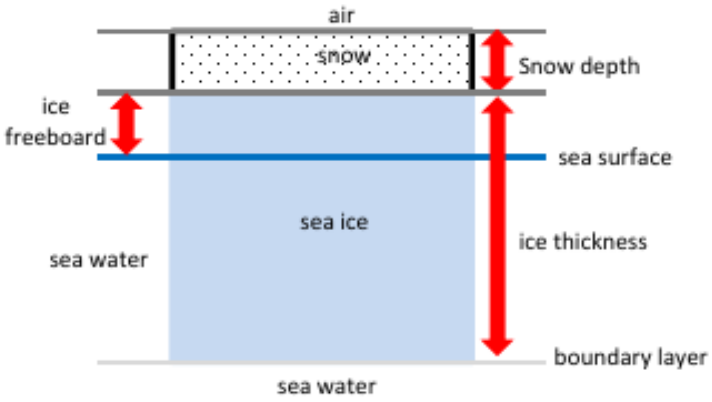


Photo credits: Stefanie Arndt



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

Ice floe of buoy deployment was sampled on same day as ice station PS153_20260310_19, doing a full sea ice physics program.
Ice conditions: FYI, floe size: 5*6 nm, ridge density: 5-10 percent, ridge height: 0.5-1 m, SIC: 80-90 percent
Weather conditions: clouds: clear sky, T = -5°C, 3-4 Bft.