

Discrete sample measurements of dissolved oxygen, dissolved inorganic carbon, and total alkalinity from US Overturning in the Subpolar North Atlantic Program (OSNAP) cruises in 2020 and 2022 (AR45 and AR69-03)

Website: <https://www.bco-dmo.org/dataset/933744>

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Abstract

This dataset contains discrete sample measurements of dissolved oxygen, dissolved inorganic carbon, and total alkalinity collected during cruises in 2020 (AR45) and 2022 (AR69-03) to recover and redeploy Overturning in the Subpolar North Atlantic Program (OSNAP) moorings in the Labrador Sea and western Irminger Sea. Samples in this dataset were collected as part of Gases in the Overturning and Horizontal circulation of the Subpolar North Atlantic Program (GOHSNAP), which has added moored oxygen sensors to the OSNAP mooring array, beginning in 2020. We provide the discrete sample measurements alongside salinity- and oxygen- calibrated Conductivity Temperature Depth (CTD) and oxygen sensor data from the depths where Niskin bottles were closed for sample collection.

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Coverage

Spatial Extent: Lat:0 Lon:0

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Parameters

Parameters for this dataset have not yet been identified

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