

# Effect of the overflows on the circulation in the subpolar model study

Journal of Geophysical Research

102, 18529-18552

DOI: [10.1029/97jc00021](https://doi.org/10.1029/97jc00021)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Decadal variability in the outflow from the Nordic seas to the deep Atlantic Ocean. <i>Nature</i> , 1998, 394, 871-874.	27.8	90
2	Formation of an Azores Current Due to Mediterranean Overflow in a Modeling Study of the North Atlantic. <i>Journal of Physical Oceanography</i> , 2000, 30, 2342-2358.	1.7	96
3	The Impact of Lateral Boundary Conditions and Horizontal Resolution on North Atlantic Water Mass Transformations and Pathways in an Isopycnic Coordinate Ocean Model. <i>Journal of Physical Oceanography</i> , 2000, 30, 137-159.	1.7	21
4	Self-adapting open boundaries for a sigma coordinate model of the eastern North Atlantic. <i>Journal of Geophysical Research</i> , 2000, 105, 11279-11297.	3.3	13
5	Circulation characteristics in three eddy-permitting models of the North Atlantic. <i>Progress in Oceanography</i> , 2001, 48, 123-161.	3.2	220
6	Effects of Bottom Boundary Layer Parameterization on Reproducing Deep and Bottom Waters in a World Ocean Model. <i>Journal of Physical Oceanography</i> , 2002, 32, 1209-1227.	1.7	78
7	SPOM: A regional model of the sub-polar north Atlantic. <i>Atmosphere - Ocean</i> , 2002, 40, 445-463.	1.6	18
8	An examination of wind-stress forcing and circulation in the sub-polar North Atlantic. <i>Quaternary International</i> , 2003, 99-100, 89-98.	1.5	0
9	Variability of the meridional overturning circulation of the North Atlantic: sensitivity to overflows of dense water masses. <i>Ocean Dynamics</i> , 2004, 54, 92-106.	2.2	32
10	Denmark Strait overflow: Comparing model results and hydraulic transport estimates. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	6
11	Labrador sea freshwater content in a model with a partial cell topographic representation. <i>Ocean Modelling</i> , 2004, 6, 359-377.	2.4	14
12	Sensitivity of the modelled thermohaline circulation to the parameterisation of mixing across the Greenland-Scotland ridge. <i>Ocean Modelling</i> , 2004, 7, 259-268.	2.4	11
13	The North Atlantic Subpolar Gyre in Four High-Resolution Models. <i>Journal of Physical Oceanography</i> , 2005, 35, 757-774.	1.7	147
14	The effect of Denmark Strait overflow on the Atlantic Meridional Overturning Circulation. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	4.0	22
15	Variability of the Overflow Water Transport in the Western Subpolar North Atlantic, 1950-97. <i>Journal of Physical Oceanography</i> , 2006, 36, 435-456.	1.7	21
16	Sensitivity of the Atlantic Ocean circulation to a hydraulic overflow parameterisation in a coarse resolution model: Response of the subpolar gyre. <i>Ocean Modelling</i> , 2009, 27, 130-142.	2.4	23
17	Consistency and fidelity of Indonesian-throughflow total volume transport estimated by 14 ocean data assimilation products. <i>Dynamics of Atmospheres and Oceans</i> , 2010, 50, 201-223.	1.8	35
18	Arctic Ocean warming and its consequences for the Denmark Strait overflow. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	40

#	ARTICLE	IF	CITATIONS
19	A perspective on decadal climate variability and predictability. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 1880-1894.	1.4	89
20	Arctic/Atlantic Exchanges via the Subpolar Gyre*. Journal of Climate, 2012, 25, 2421-2439.	3.2	52
21	Spurious AMOC trends in global ocean sea-ice models related to subarctic freshwater forcing. Ocean Modelling, 2013, 69, 39-49.	2.4	38
22	Ocean Circulation Models and Modeling. International Geophysics, 2013, , 521-551.	0.6	5
23	North Atlantic simulations in Coordinated Ocean-ice Reference Experiments phase II (CORE-II). Part I: Mean states. Ocean Modelling, 2014, 73, 76-107.	2.4	320
24	On the origin and propagation of Denmark Strait overflow water anomalies in the Larminger Basin. Journal of Geophysical Research: Oceans, 2015, 120, 1841-1855.	2.6	33
25	High-Frequency Variability in the Circulation and Hydrography of the Denmark Strait Overflow from a High-Resolution Numerical Model. Journal of Physical Oceanography, 2017, 47, 2999-3013.	1.7	19