

Parameters

Horizontal resolution	500 m
Number of vertical layers	6
Layer thickness (m) (layers 1, 2, 3, 4, 5 and 6)	5, 10, 15, 15, 15 and 10 m
Horizontal eddy coeff. for momentum:	$1.0 \times 10^5 \text{ cm}^2 \text{ s}^{-1}$
Vertical eddy coeff. for momentum	$1.0 \text{ cm}^2 \text{ s}^{-1}$
Horizontal eddy coeff. for heat	$1.0 \times 10^5 \text{ cm}^2 \text{ s}^{-1}$
Vertical eddy coeff. for heat	$0.1 \text{ cm}^2 \text{ s}^{-1}$
Baroclinic time step	200 s
Barotropic time step	5 s
Bottom drag coefficient	2.2×10^{-3}
