Diffusive and Adiabatic Meridional Overturning Circulations in the Cooling Abyss of the Indo-Pacific Ocean

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Supplementary materials

This document includes four figures:
Figure S1;
Figure S2;
Figure S3;
Figure S4;
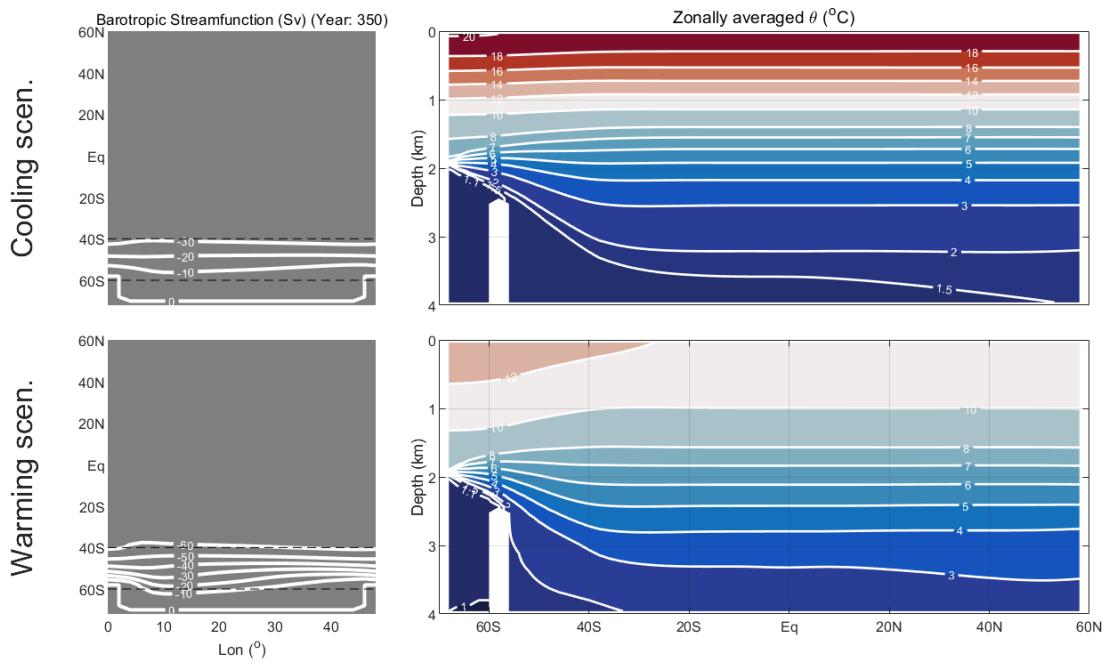
Figure S1. The same as Figure 10, but for year 350.
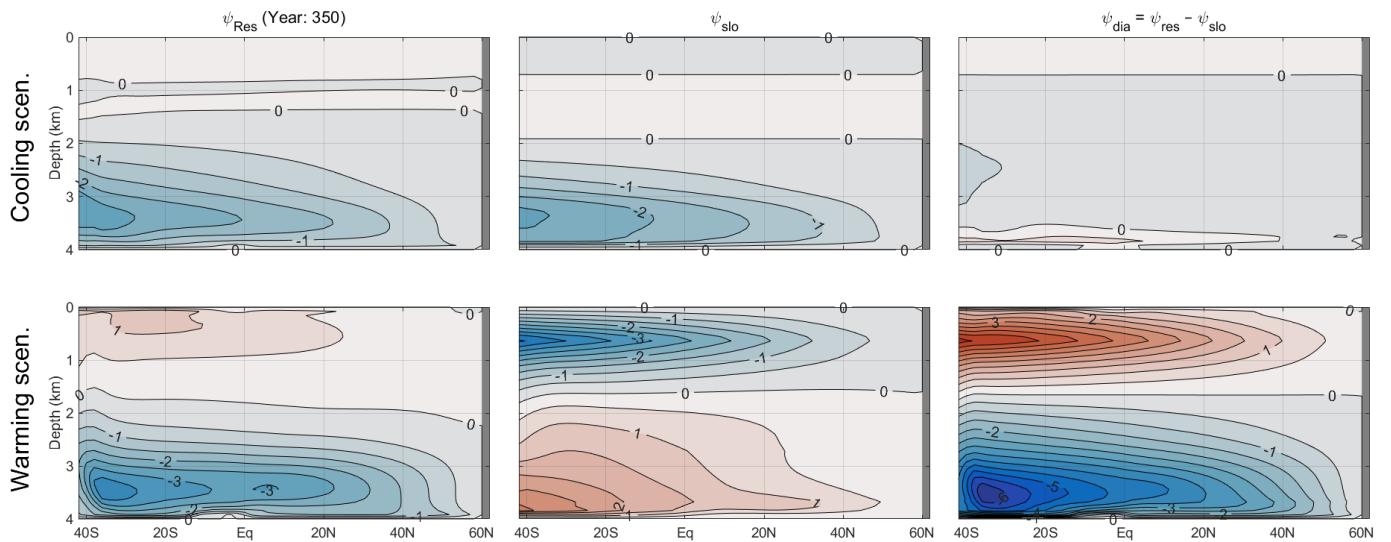
Figure S2. The same as Figure 11, but for year 350.
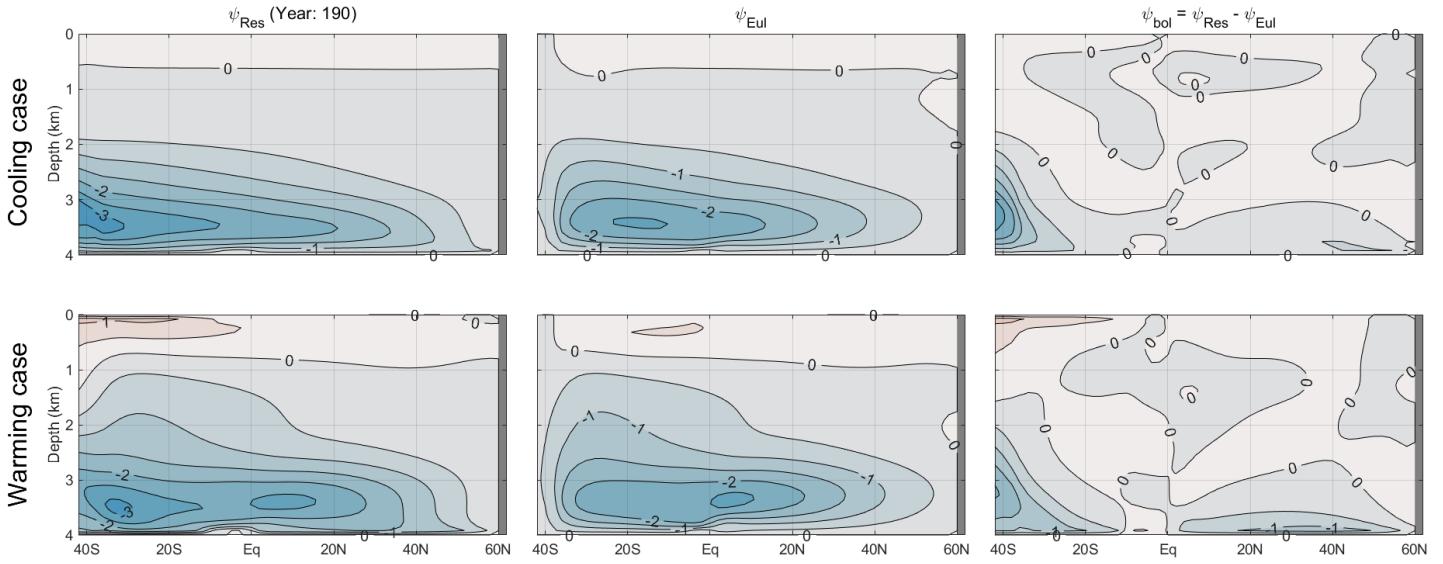
Figure S3. MOC streamfunctions for year 190: (left column) residual MOC streamfunction (ψ_{Res}), (middle column) Eulerian MOC streamfunction (ψ_{Eul}), and (right column) bolus MOC streamfunction ($\psi_{bol} = \psi_{Res} - \psi_{Eul}$). The upper row corresponds to the cooling scenario, while the lower row represents the warming scenario. Negative values or cold colors represent anti-clockwise overturning cells. Unit: Sv. CI: 0.5 Sv.
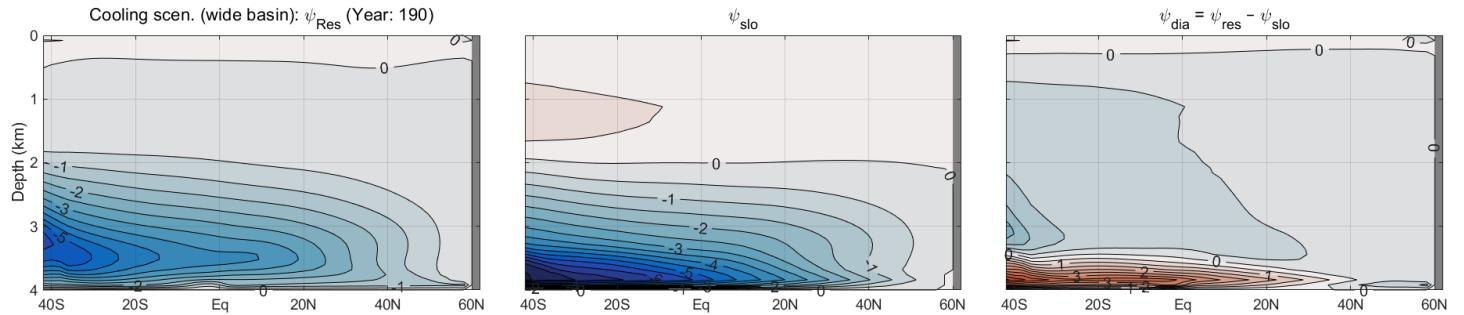
Figure S4. Same as the cooling experiment (upper row of Figure 11), but for a separate run with basin width that is twice as large.