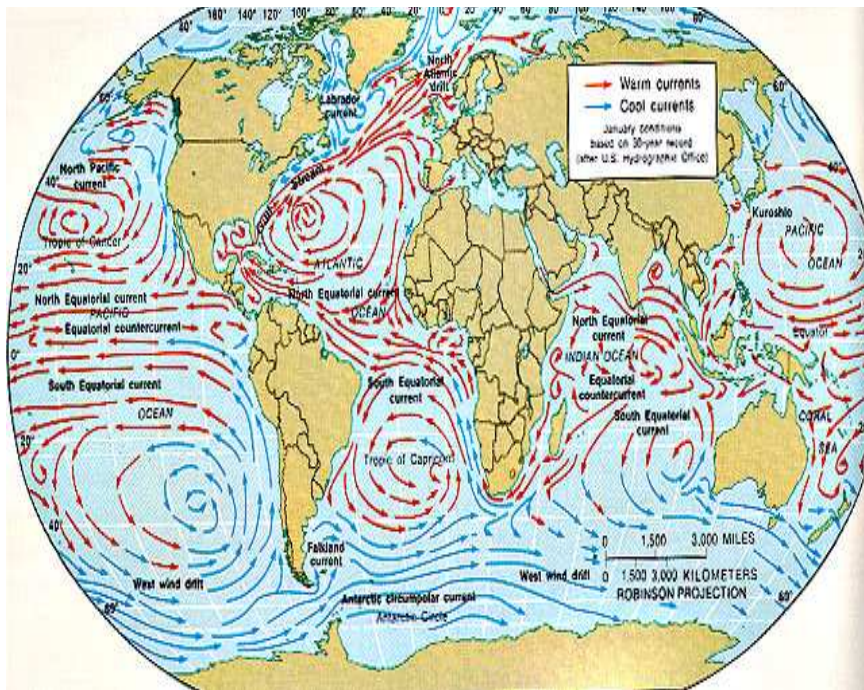


Ocean Circulation

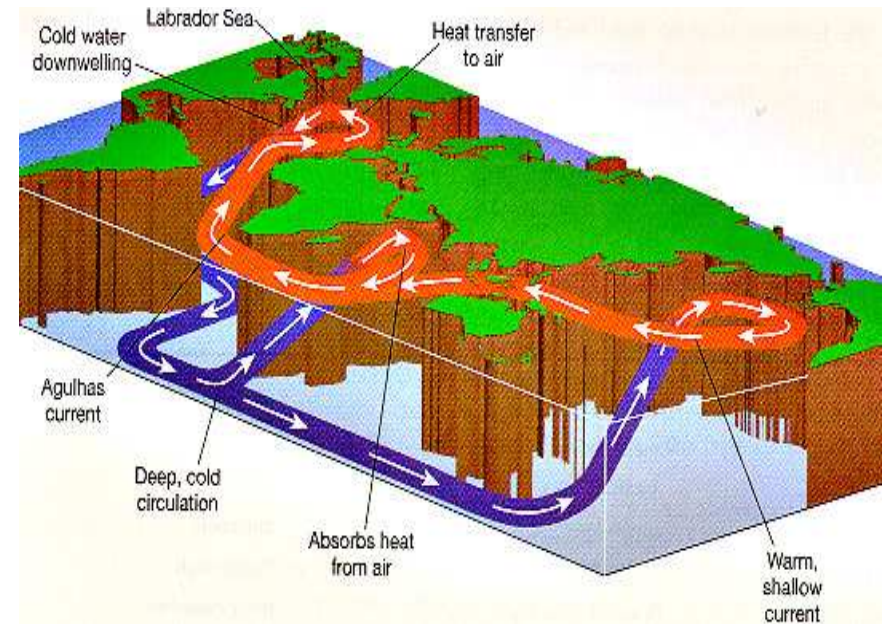
Gyre

“weather”

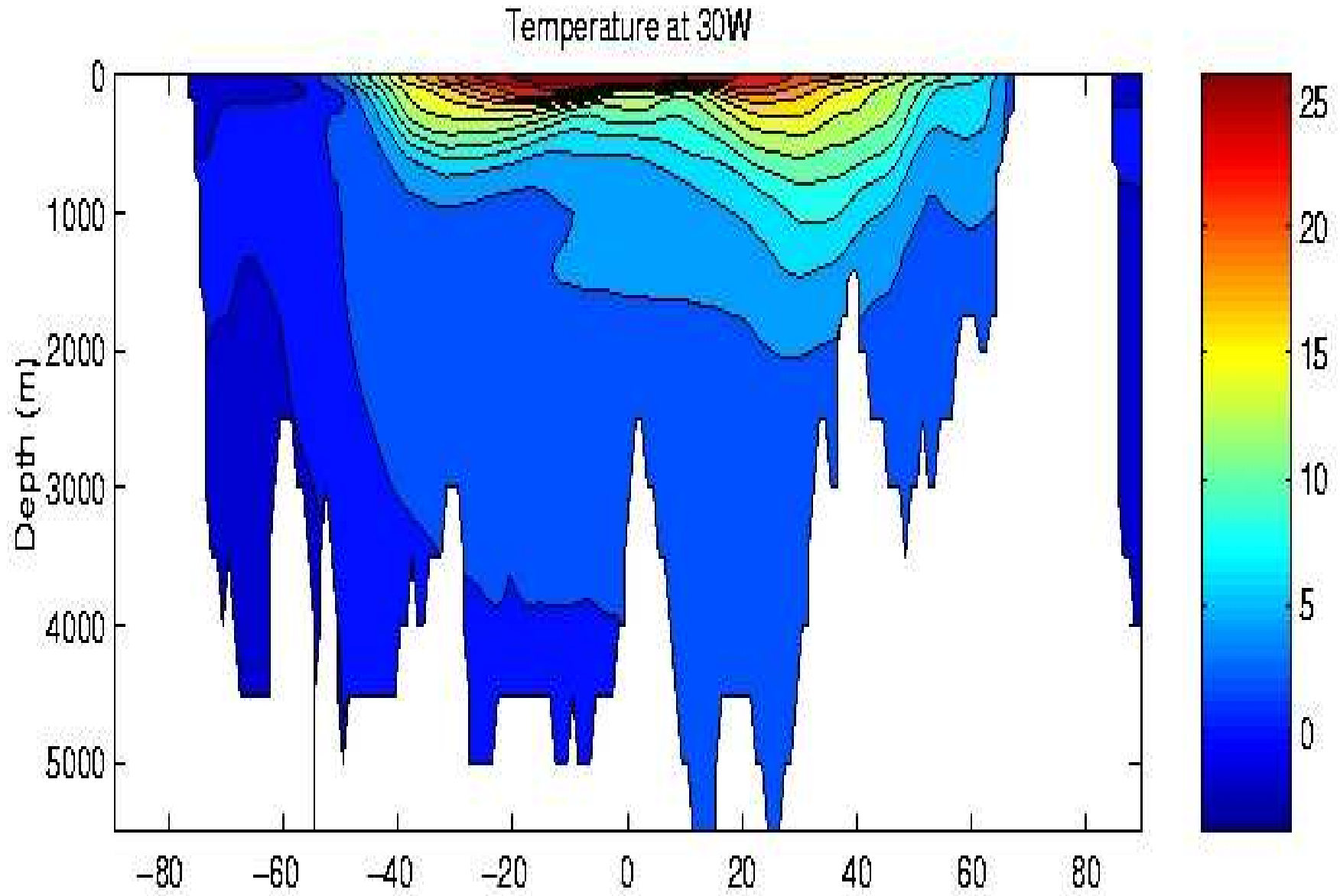


Overturning

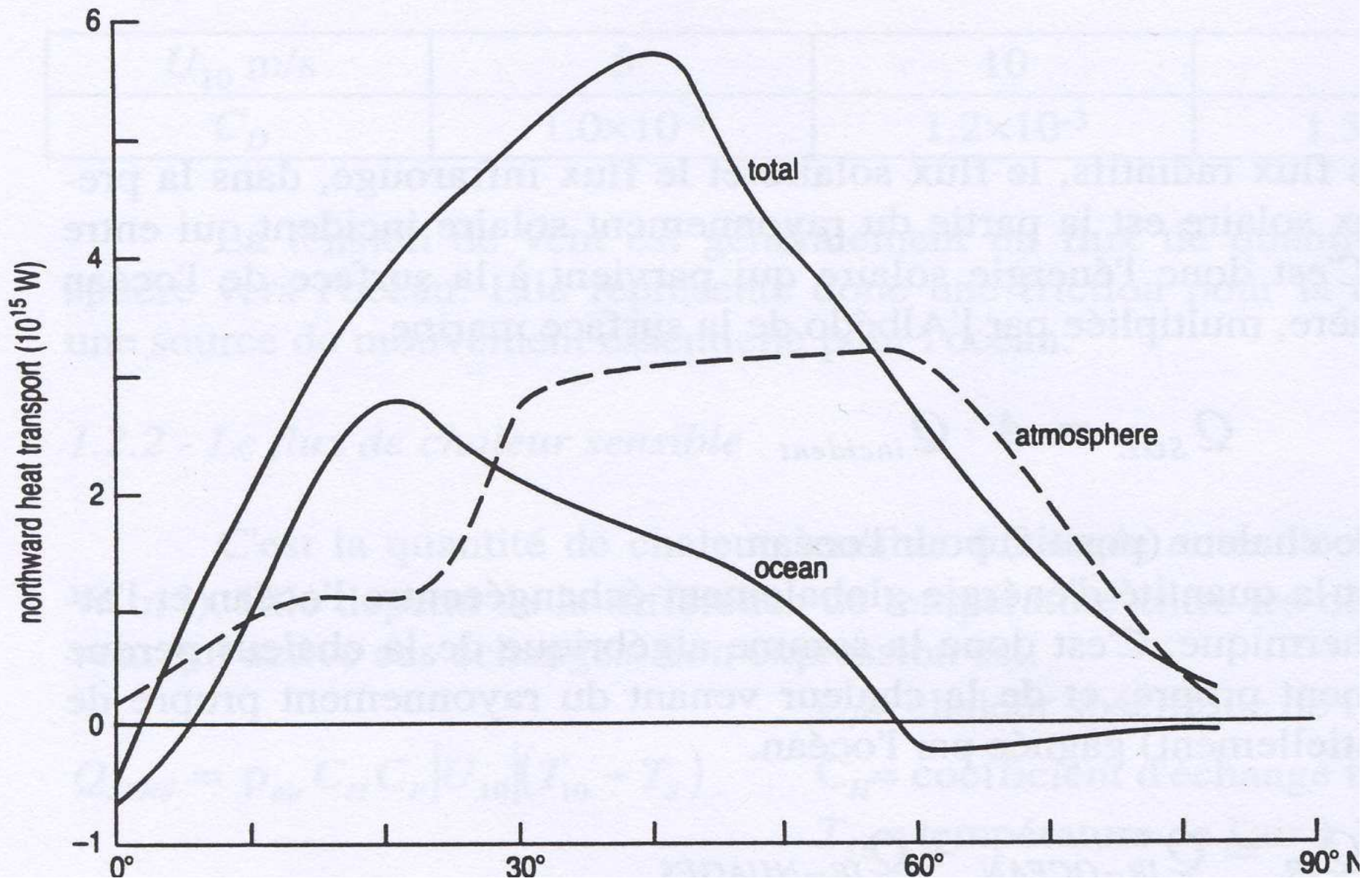
“climate”



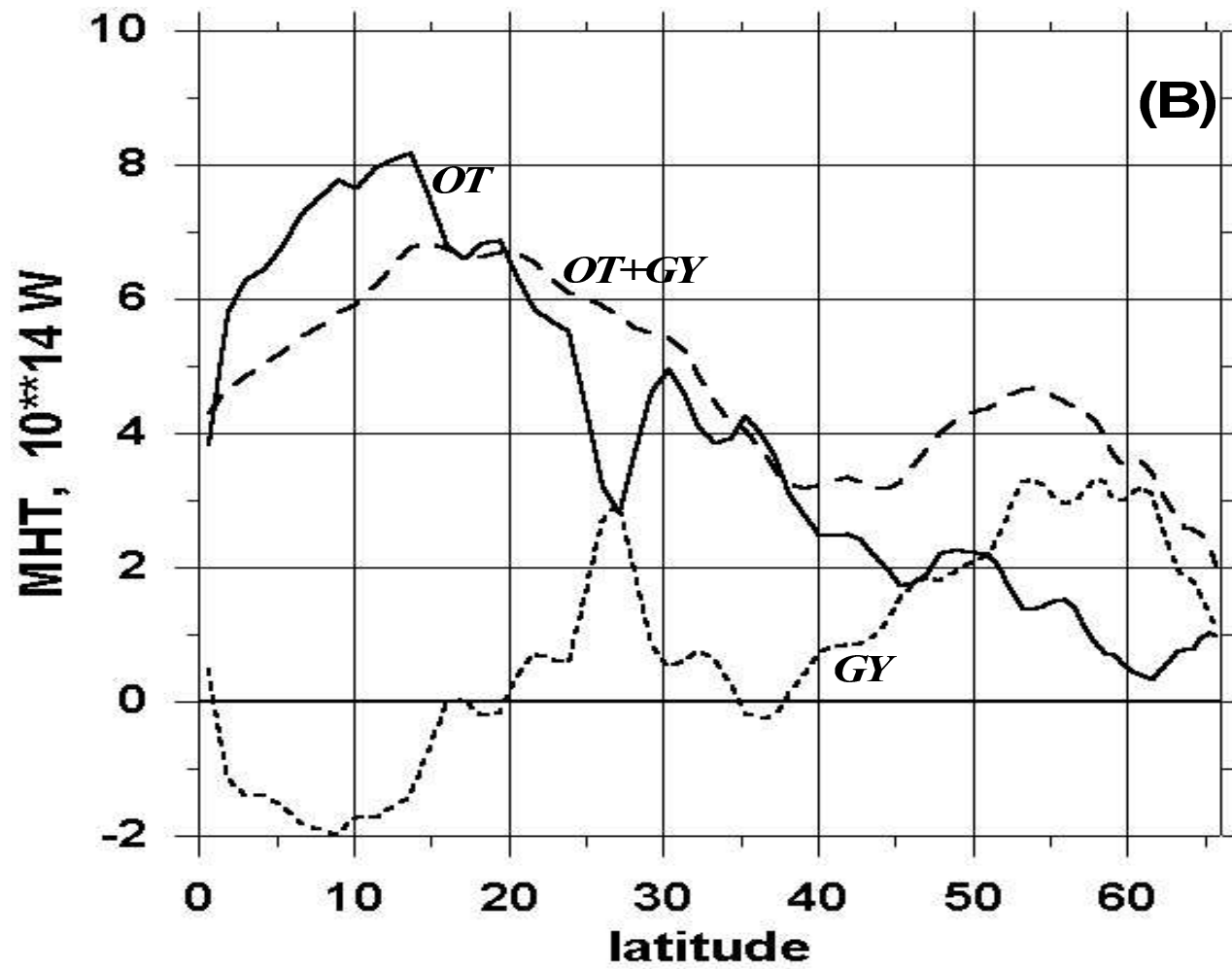
Température Atlantique



Transport méridien de chaleur globale

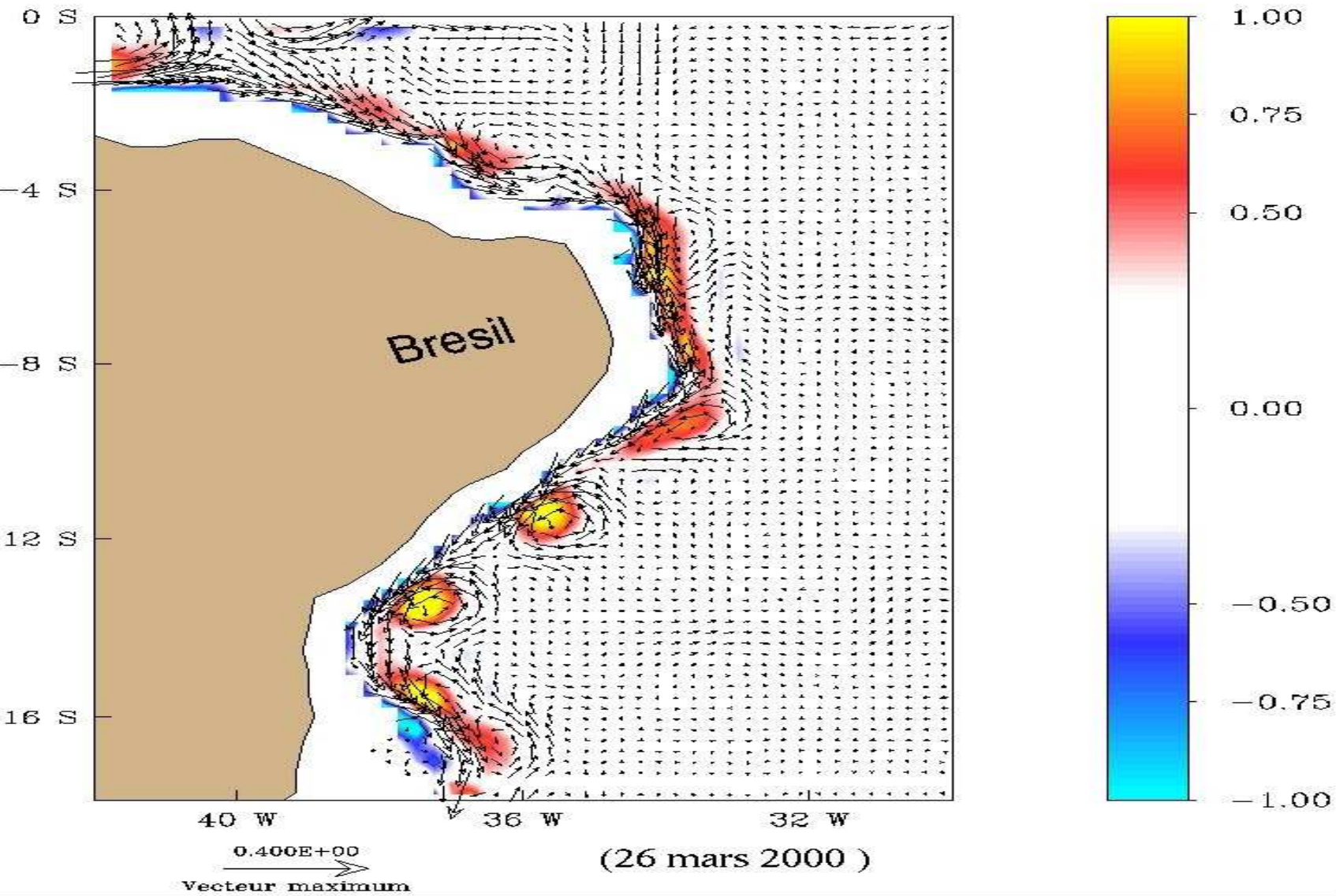


Transport méridien de chaleur Atlantique Nord



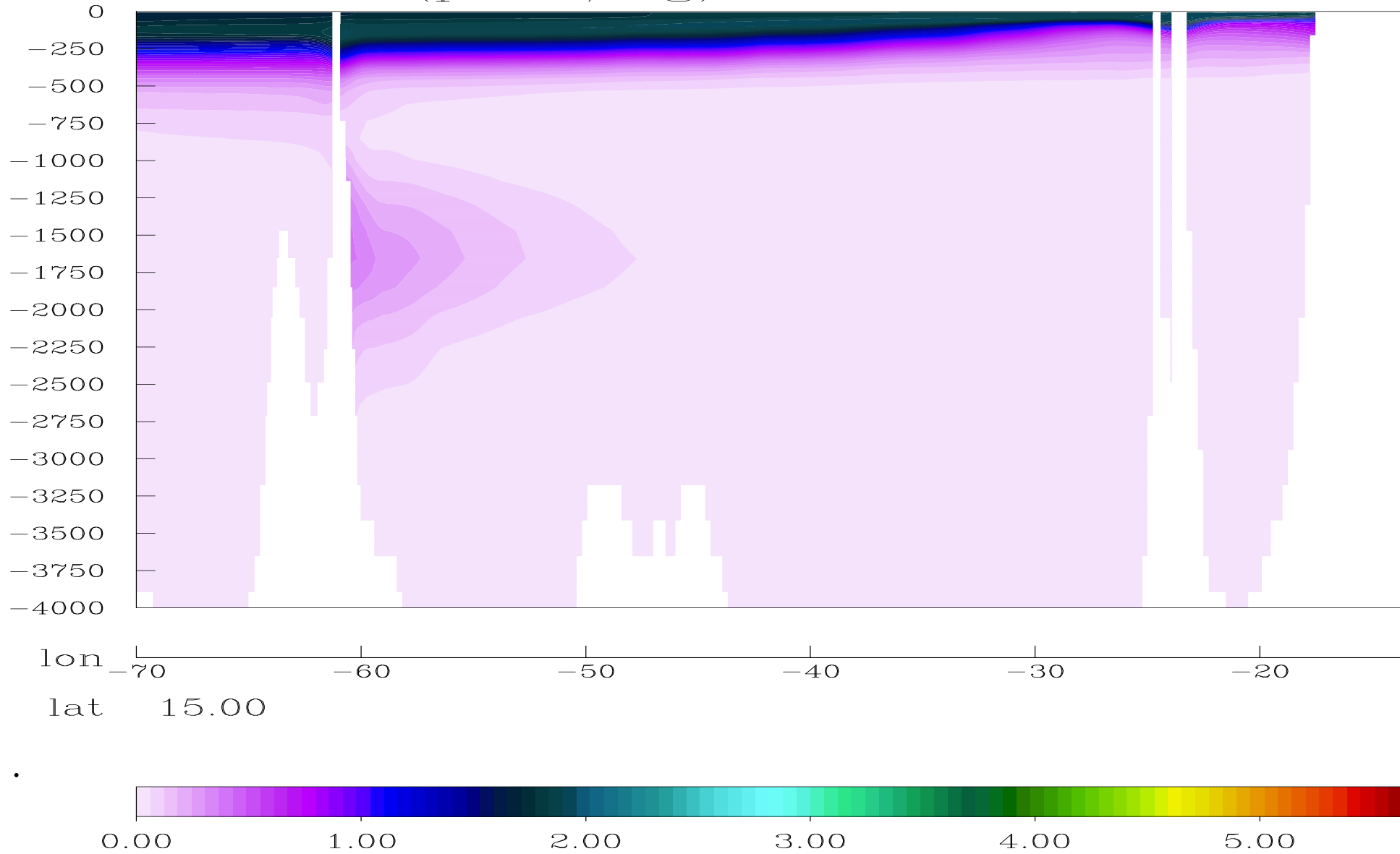
Le Courant Profond de Bord Ouest

Vitesses a 1850 m. Vorticite relative

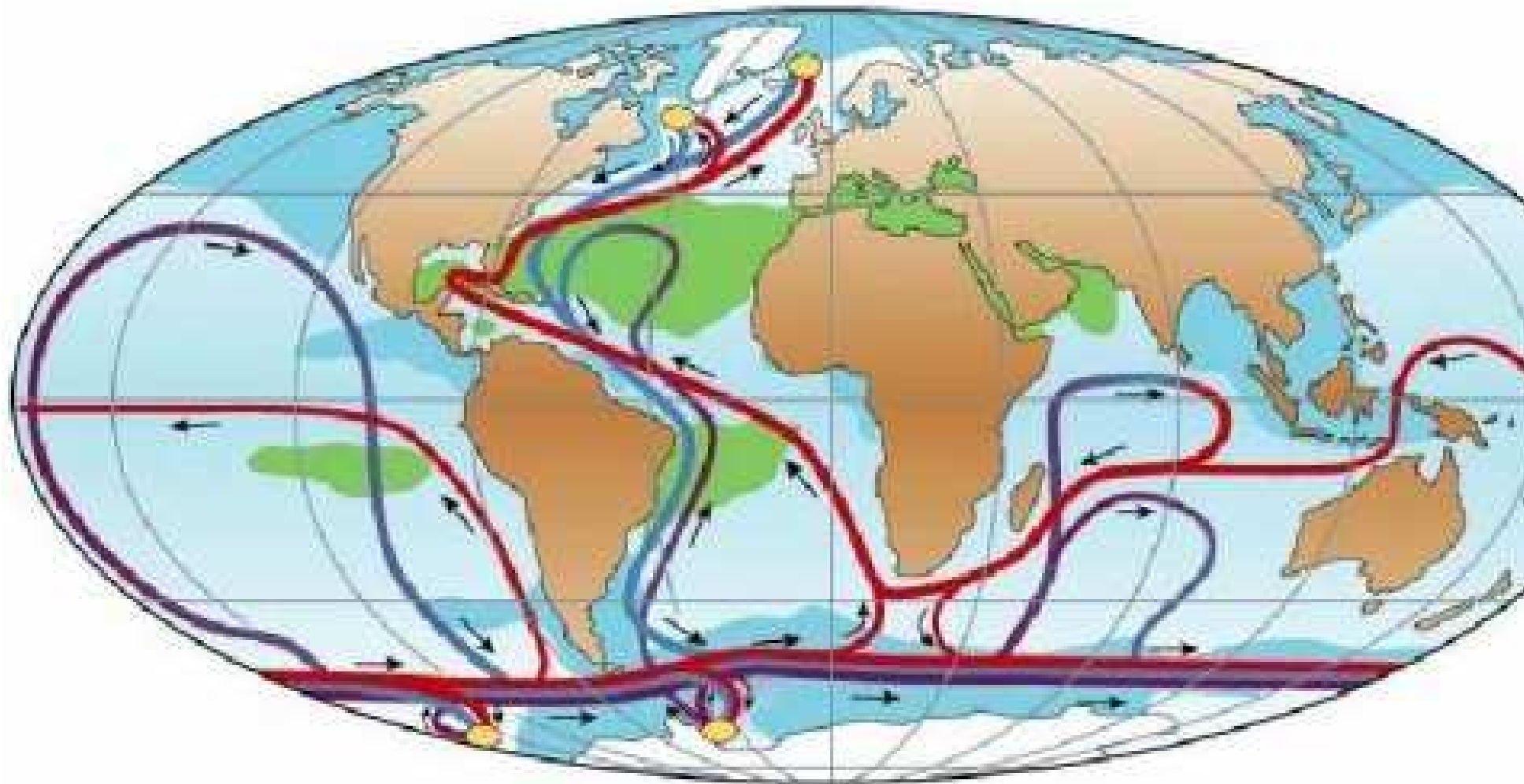


Le Courant Profond de Bord Ouest

CFC11 (pmol/kg) : model 1989–1994



La Circulation Thermohaline



(Rahmstorf, Nature 2002)

— Surface
— Deep
— Bottom

■ Salinity > 36 ‰
■ Salinity < 34 ‰
● Deep Water Formation