

# Oceans

The latest study of the currents or “conveyor belt” that carry warmer water upwards from the tropics concludes [that] the Atlantic Meridional Overturning Circulation (Amoc) will shut down at some point between 2025 and 2095, with the 2050s most likely.

...

A collapse of Amoc, which includes the Gulf Stream stretching from Florida to north-western Europe, would produce pronounced cooling across the northern hemisphere, leading to stormier winters and drier summers in Europe.

Conversely, heat would intensify further south, as less warmth is transferred to temperate and polar latitudes, and there would be large changes in tropical rainfall and monsoons.

**Financial Times, July 25, 2023**