



The evolution of the RAPID monitoring array and the 12.9-year record of the AMOC at 26N

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The RAPID-MOCHA-WBTS time-series of overturning at 26N has been extended to cover the time period up to February 2017, 12.9 years in total. New results will be presented for the overturning stream function and its component parts. Previous results, from the start of measurements in 2004 till 2011, showed a decline of the AMOC in the subtropical gyre. The new data show that there has been no significant change since 2011.

Two complementary telemetry systems are being developed for the 26N array. When fully implemented these will allow delivery of near real-time data, but with reduced accuracy. A design for the real-time array is presented.