

Atlantic Meridional Overturning Circulation: 10 years of continuous observations by the MOVE array

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The MOVE array (Meridional Overturning Variability Experiment) at 16 N has now measured time series of the Atlantic Meridional Overturning Circulation of sufficient length (2000-present) to discuss decadal-scale variability based on these observations alone. This presentation shows the results up until the most recent deployment and discusses both decadal variability and statistic significance thereof. Comparisons of MOVE results with those from computer simulations and other observatories are shown with the goal of a more comprehensive understanding of the AMOC than a single observatory could achieve.