

AMOC state and variability from existing and planned mooring arrays in the Atlantic

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We will look at the AMOC state and variability by reviewing several existing trans-basin mooring arrays, and testing additional trans-basin mooring arrays in numerical models. Specifically, we look at the RAPID 26N line, and the 41N AMOC estimate. We also look at the combined effect of new observing systems such as the OSNAP array. The review of the existing time-series will be accompanied by model-based observing system simulations conducted in numerical models.

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