



MOC, Heat Storage and Surface Heat Flux in 2009/2010.

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MONACO aims to study the linkages between the MOC at 26°N in the N. Atlantic, the heat and freshwater fluxes at 26N, and the seasonal and inter-annual heat and salt content changes in the upper 0-2000m of the water column between 10-70°N for the period from April 2004 to December 2010. In particular, the MOC event of 2009 when there was a 50% reduction in the overturning circulation, will be related to the changes in heat storage and surface heat flux. This unusual event will be placed in the context of longer records.