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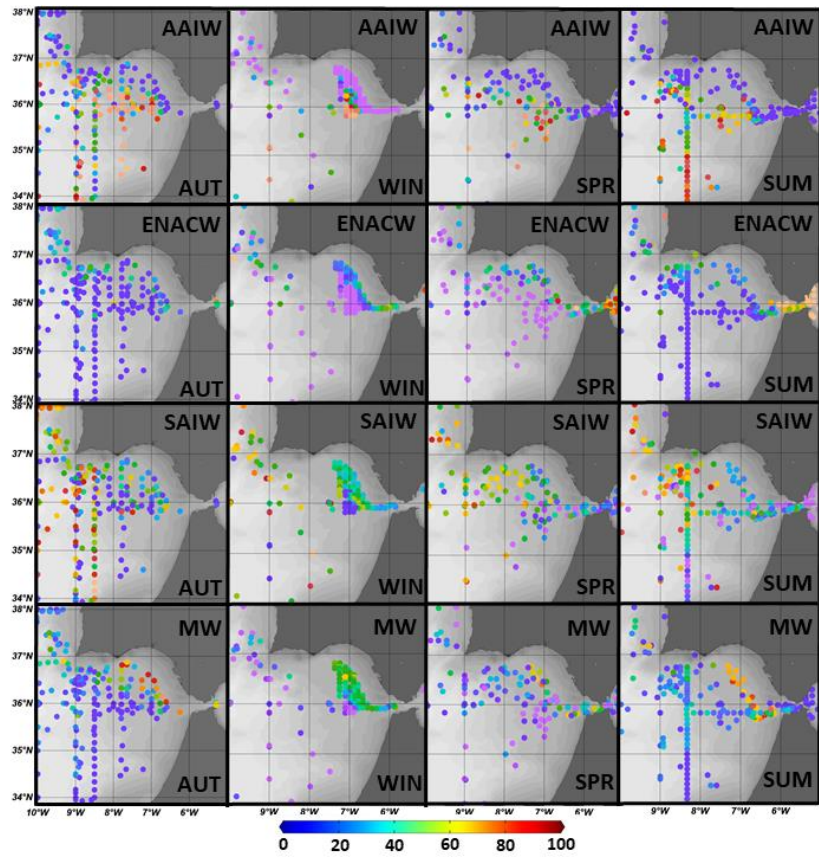
*Supplement of*

## **Seasonal variability of intermediate water masses in the Gulf of Cádiz: implications of the Antarctic and subarctic seesaw**

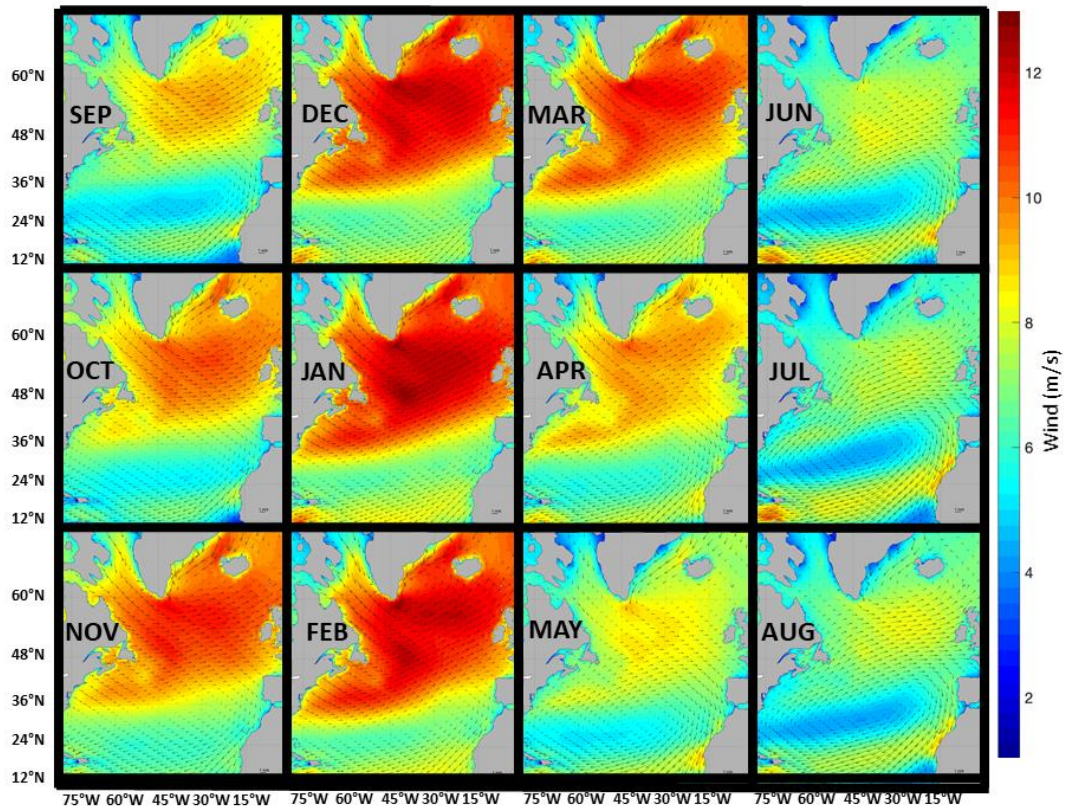
**David Roque et al.**

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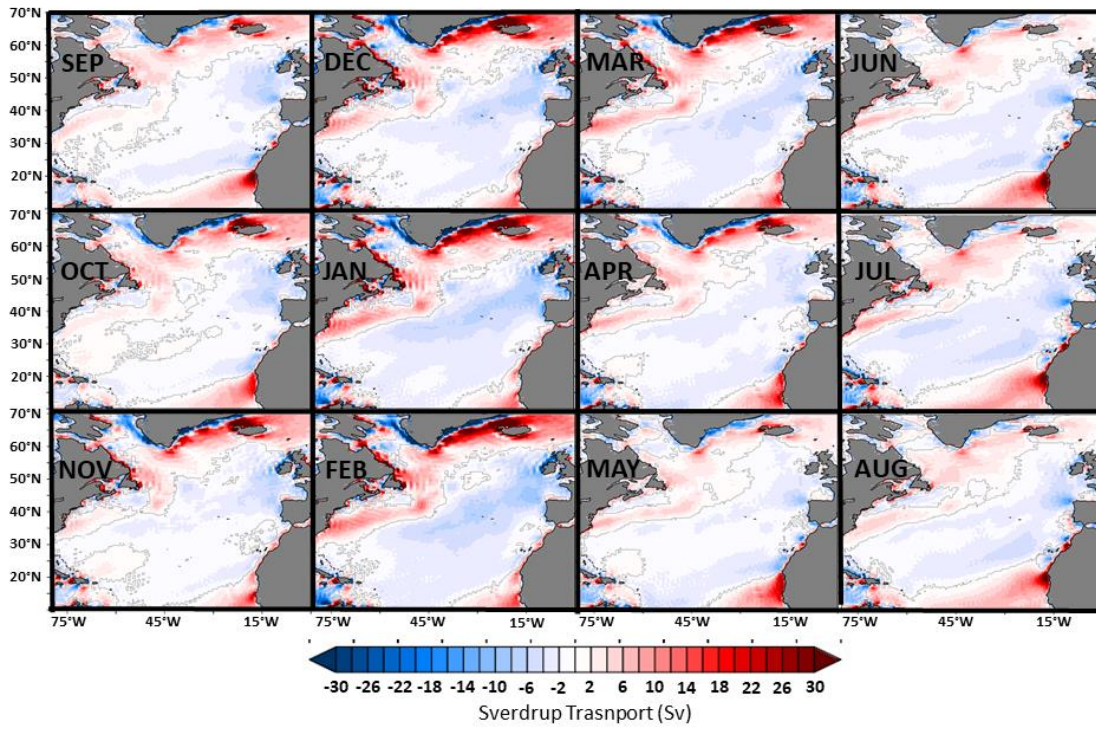
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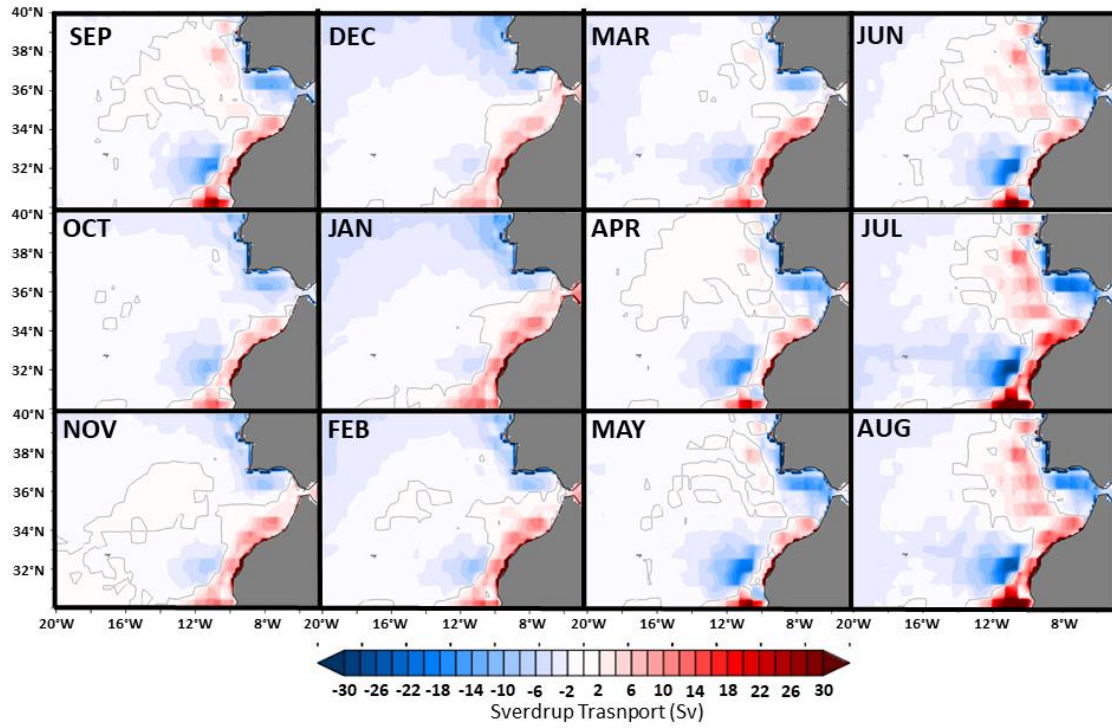
Sup\_1. Predominant intermediate water mass between 400-1000 m in every profile. From left to right: autumn, winter, spring and summer. From top to bottom: every water mass; AAIW, ENACW, SAIW, MW



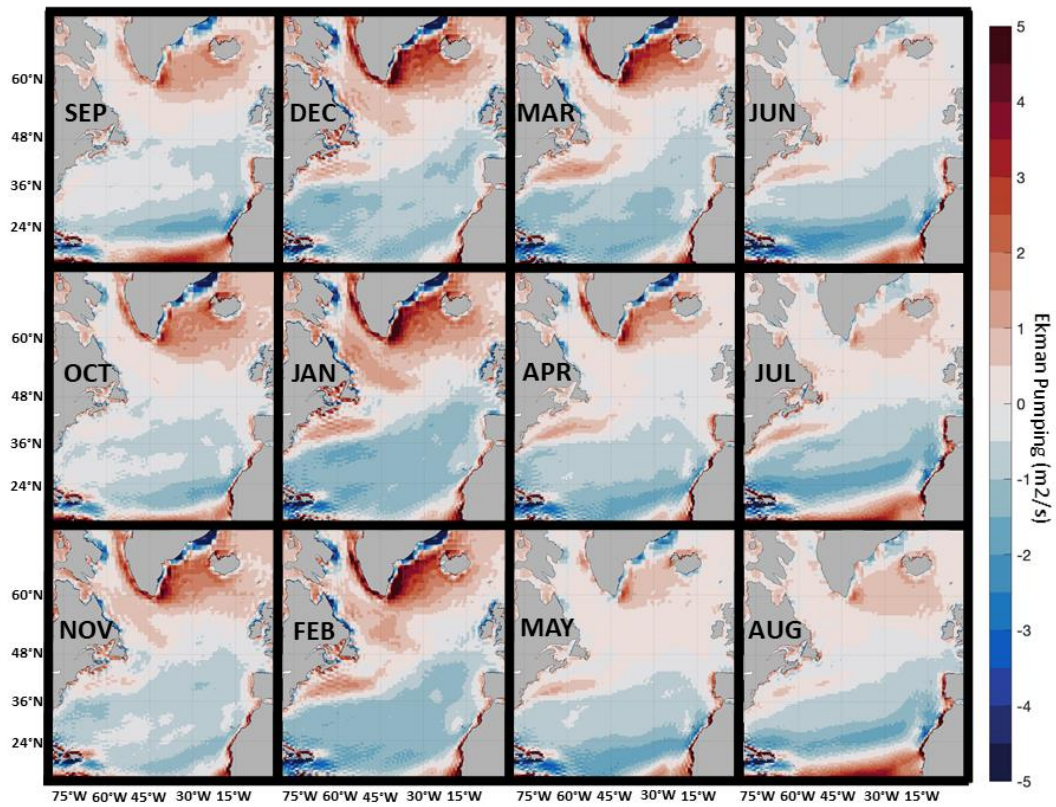
Sup\_2. Monthly Maps of surface winds in the North Atlantic Ocean.



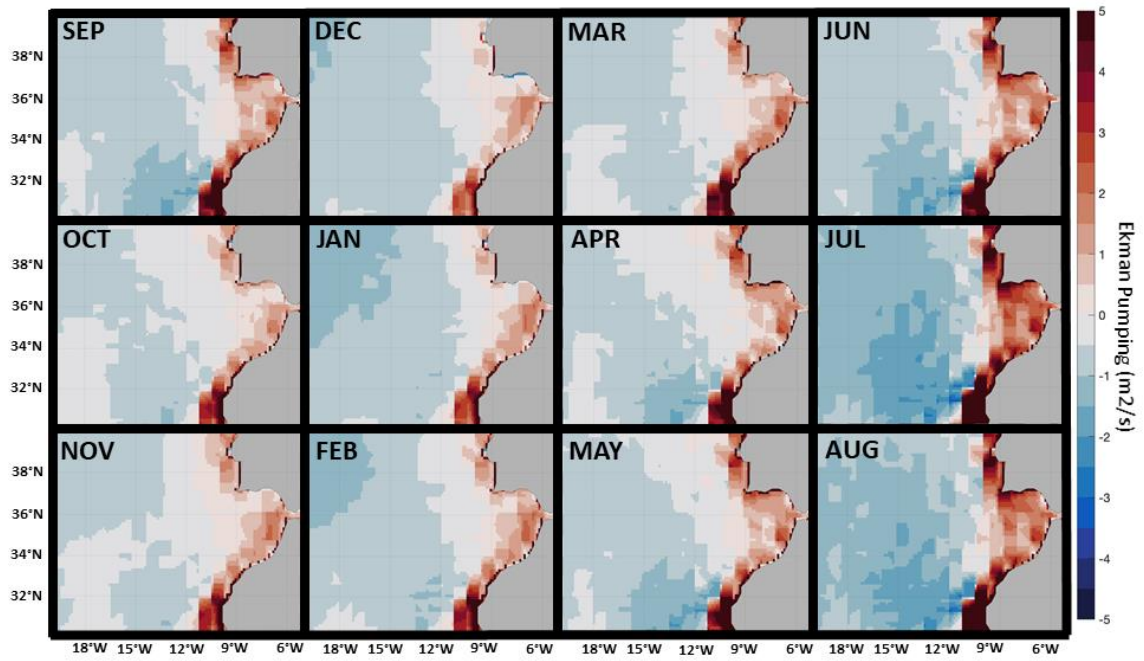
Sup\_3. Monthly Maps of Sverdrup transport in the North Atlantic Ocean.



Sup\_4. Monthly Maps of Sverdrup transport in the Gulf of Cádiz.



Sup\_5. Monthly Maps of Ekman Pumping in the North Atlantic Ocean.



Sup\_6. Monthly Maps of Ekman Pumping in the Gulf of Cádiz.