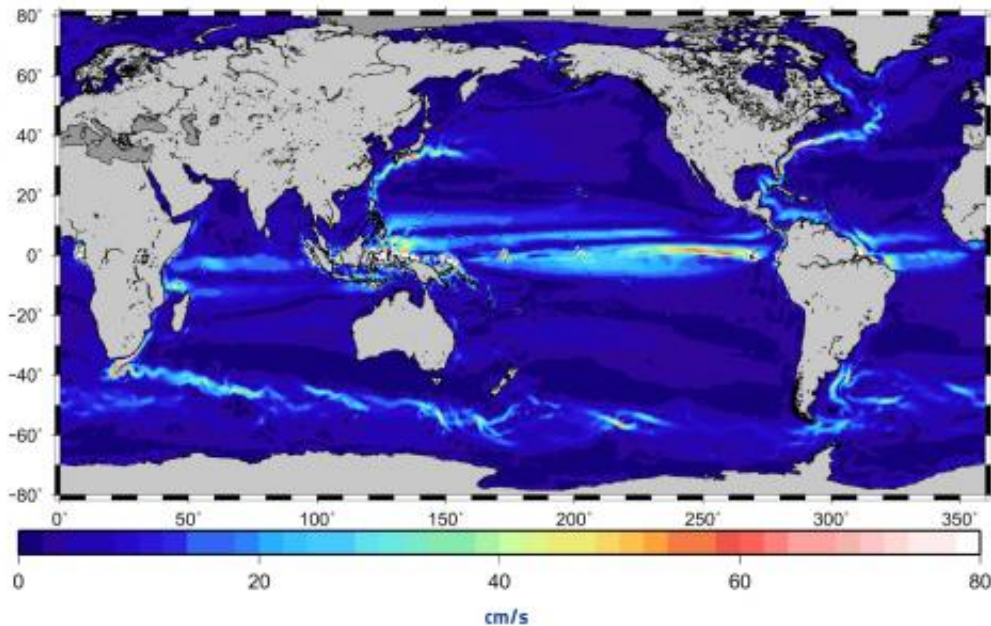


# ESA image: Ocean currents from GOCE

November 26 2014

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Credit: ESA/CNES/CLS

The ocean currents and their speeds (in cm/s) derived from GOCE data.

During the mission's final year, its super-low orbit was lowered even further to obtain improved measurements of Earth's [gravity field](#), from which information on [ocean currents](#) was derived.

Buoys floating in the oceans were used to validate the above map, proving that this GOCE-based model is more accurate than any other

model based on space-based data to date.

Provided by European Space Agency

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