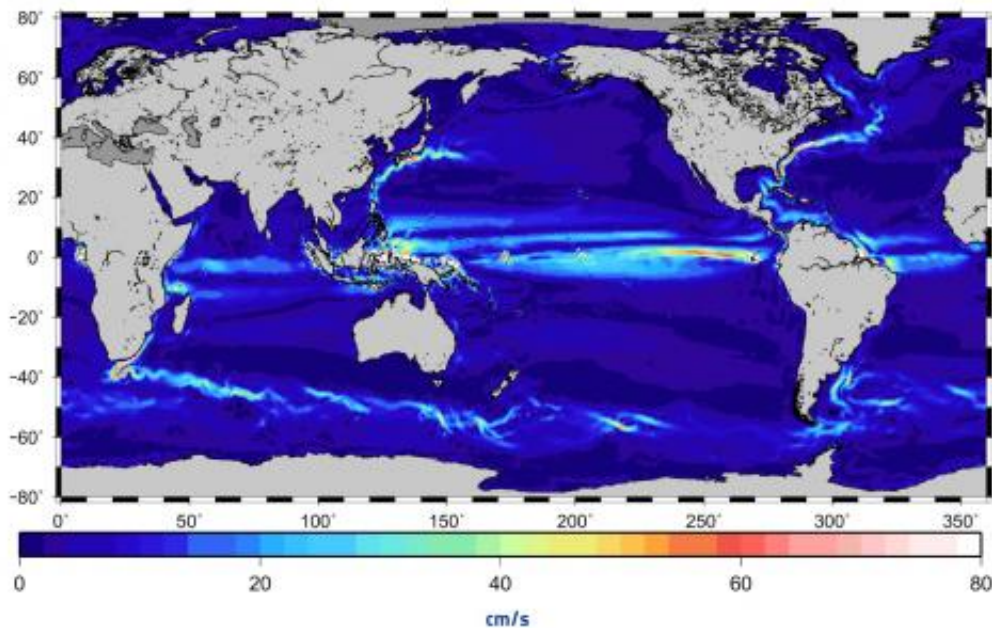


ESA image: Ocean currents from GOCE

November 26 2014



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

Citation: ESA image: Ocean currents from GOCE (2014, November 26) retrieved 3 June 2024 from <https://phys.org/news/2014-11-esa-image-ocean-currents-goce.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.