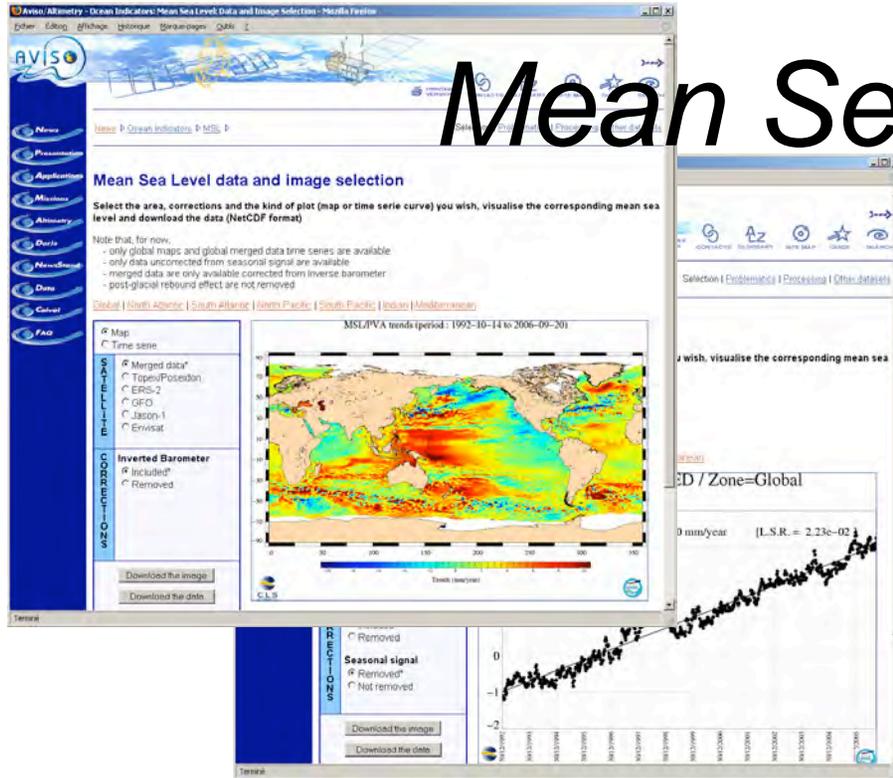


Mean Sea Level web site

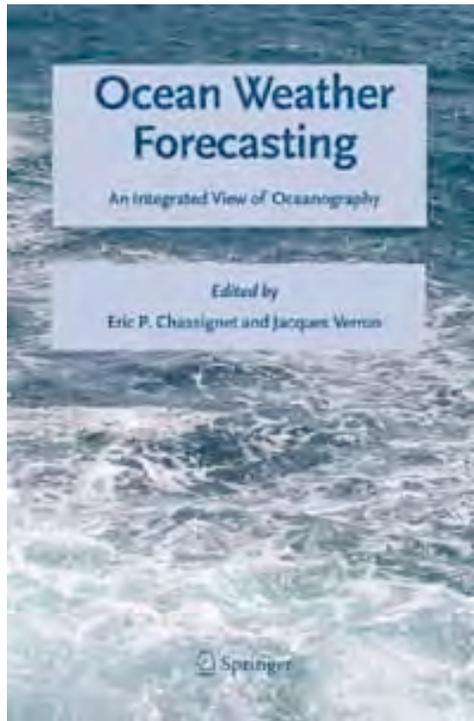


Aviso new online Mean Sea Level database

- **Maps and time series** (as figures and as data)
- since November 1992 (depending on the mission)
- With / without Inverse Barometer correction (Jason-1, T/P)
- By satellite (T/P, Jason-1) and merging all satellites
- Time series over basins (N. & S. Atlantic and Pacific, Indian, Mediterranean,
- Time series figures corrected or uncorrected from seasonal variations
- **Updated for every cycle** processed and validated

- Author name: CLS/Cnes/Legos
- Year: 2007 - updates
- Public aimed: general public, climatologists, environmental agencies
- Medium: web
- Size / Format: N/A
- Language(s): English, French

<http://www.avisioceanobs.com/msl/>



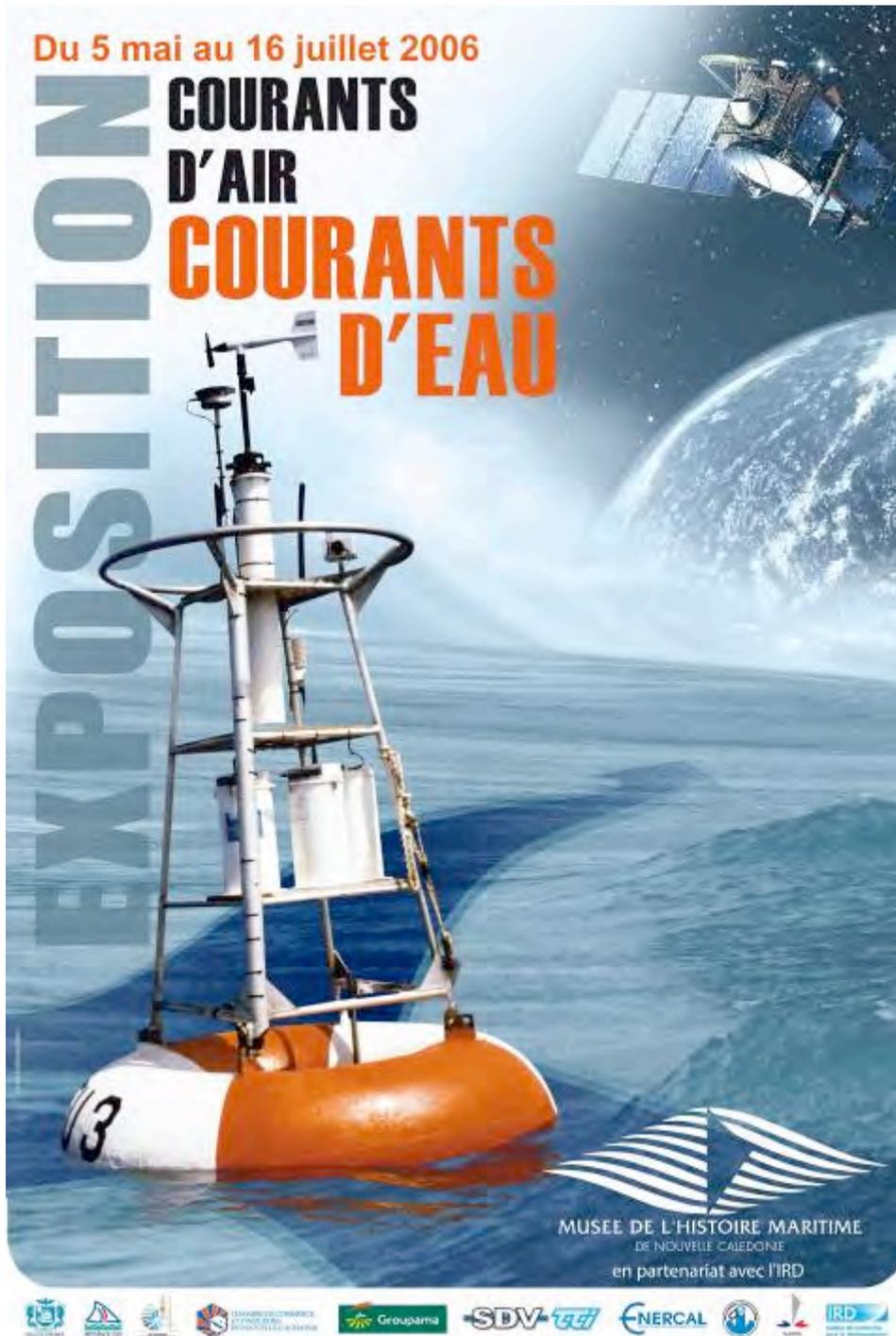
**Ocean Weather Forecasting
An Integrated View of
Oceanography**

Springer

2006, XII, 578 p., Hardcover

ISBN: 978-1-4020-3981-2

- Author name: Chassignet, Eric P. and Verron, Jacques (Eds.)
- COPAS, Tallahassee and LEGI, Grenoble
- Year: 2006
- Public aimed: decision-makers, scientists, end-users...
- Medium: Book
- Language(s): English



« Courants d'air, courants d'eau »,
a public exhibition held in Nouméa
based on oceanography and satellite
remote sensing.

Christophe Maes¹
and Valérie Vattier²

1 IRD-LEGOS, Nouméa

2 Maritime Museum of New Caledonia, Nouméa





IDS outreach product

Network on Google Earth

Make a virtual tour of the DORIS network with [Google Earth](#).



DORIS network on Google Earth:

[Download the file](#) (February 2007).

Depending on the resolution of the image, we sometimes adjusted the position of the antenna of the station according to our knowledge of the site. Some positions could still be improved with your help. Comments, maps and pictures are welcome at any time to help us to improve the virtual tour and should be e-mailed to the [Central Bureau](#).



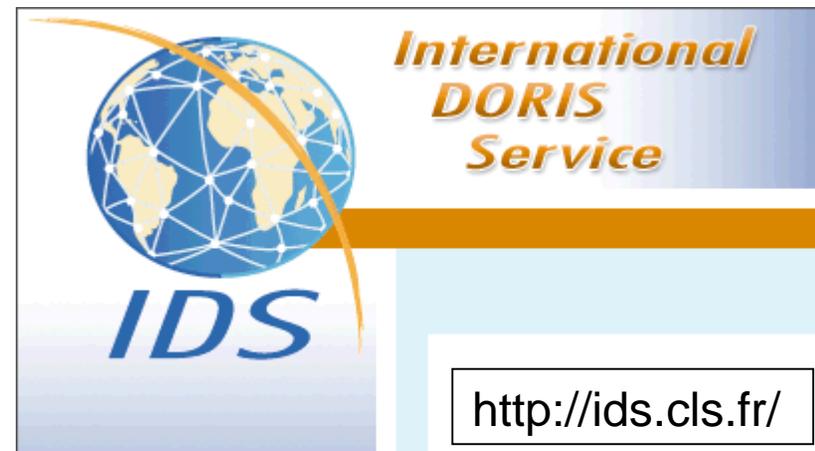
Copyright © 1999-2007 CNES-CLS. All rights reserved.

Last updated: 2007/02/06
[Webmaster](#)

New IDS web site

- Improved organization
 - Easier navigation
- Analysis Coordination pages
 - beside the usual "IDS" and "DORIS system" headings
- Virtual tour of the DORIS network via Google Earth

- Author name: G. Tavernier (CNES)
- L. Soudarin (CLS)
- Year: 2007
- Public aimed: general public
- Medium: web site
- Size / Format:
- Language(s): English





IDS outreach product

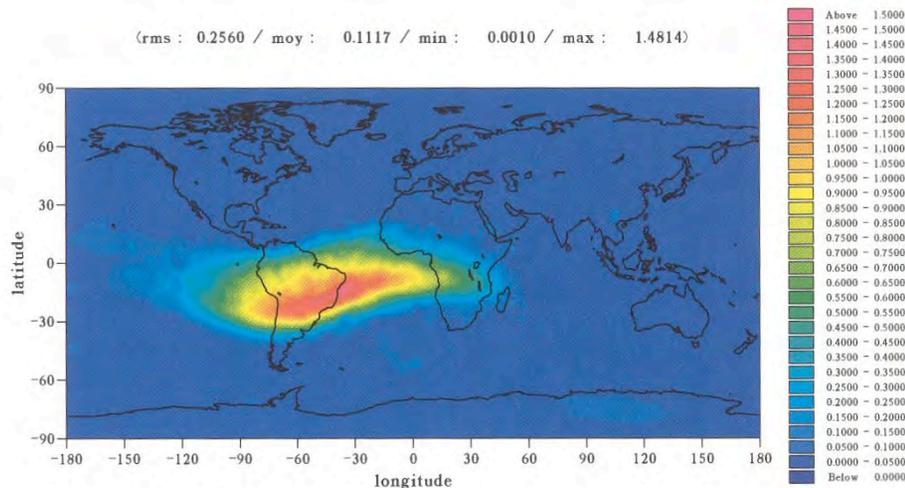


Fig. 7 Plot of the relative SAA dose exposure in 2002–2005 at the 1,300 km altitude of Jason-1 (dimensionless units)

DORIS Special Issue in Journal of Geodesy

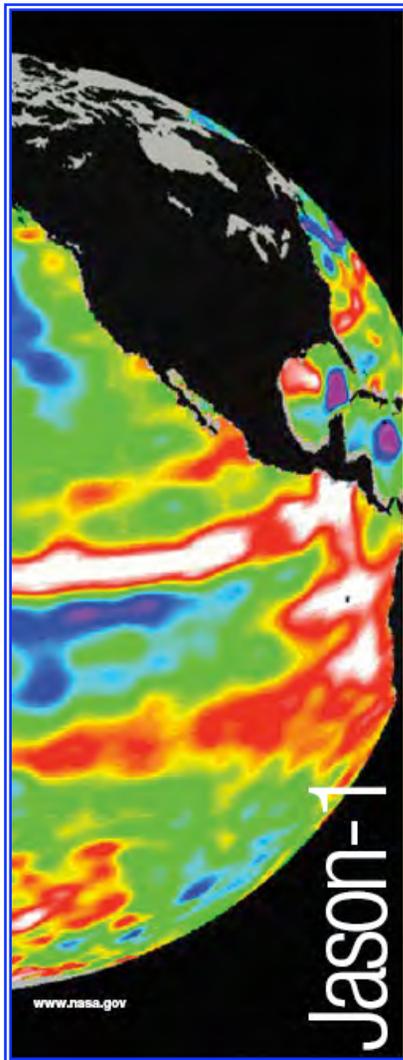
- Guest Editor: P. Willis
- 17 articles
- Volume 80, Numbers 8-11
- November, 2006
- ISSN: 0949-7714

<http://www.springerlink.com/content/x064n7136046/>

- Author name: P. Willis
- IGN/IPG Paris
- Year: 2006
- Public aimed: scientists, , university students
- Medium: journal
- Size / Format: 21 cm x 28 cm
- Language: English



Jason 5th Anniversary/ Ocean Literacy Bookmark



National Aeronautics and Space Administration 

CENTRE NATIONAL D'ETUDES SPATIALES 

What you should know about the ocean
Seven Essential Principles

1. Earth has one big ocean with many features.
2. The ocean and life in the ocean shape the features of Earth.
3. The ocean is a major influence on weather and climate.
4. The ocean makes Earth habitable.
5. The ocean supports a great diversity of life and ecosystems.
6. The ocean and humans are inextricably linked.
7. The ocean is largely unexplored.

Understanding the science behind ocean circulation

Jason-1 is an Earth-orbiting satellite designed to make precise measurements of sea-surface height. Data and information from Jason-1 are being used for scientific research and operational applications ranging from climate studies, to ship routing, yacht race support, and basic science education. Jason-1 is a joint venture between NASA and France's Centre National d'Etudes Spatiales (CNES). Through education and public outreach, Jason-1 supports the development of an ocean-literate society. Ocean literacy is an understanding of the ocean's influence on you and your influence on the ocean.

An ocean-literate person:

- understands the Essential Principles, and fundamental concepts about how the ocean functions;
- can communicate about the ocean in a meaningful way;
- is able to make informed and responsible decisions regarding the ocean and its resources.

 Jason-1 5th Anniversary
2007-2008
<http://sealevel.jpl.nasa.gov>

Jet Propulsion Laboratory
California Institute of Technology
Pasadena, California
JPL 400300X 11/08

The 5th anniversary commemorative bookmark was designed to highlight the seven essential principles that everyone should know about the ocean. A consortium of government and non-government agencies, known as the ocean literacy network determined these principles and some fundamental concepts, as a ocean-oriented approach to science education.

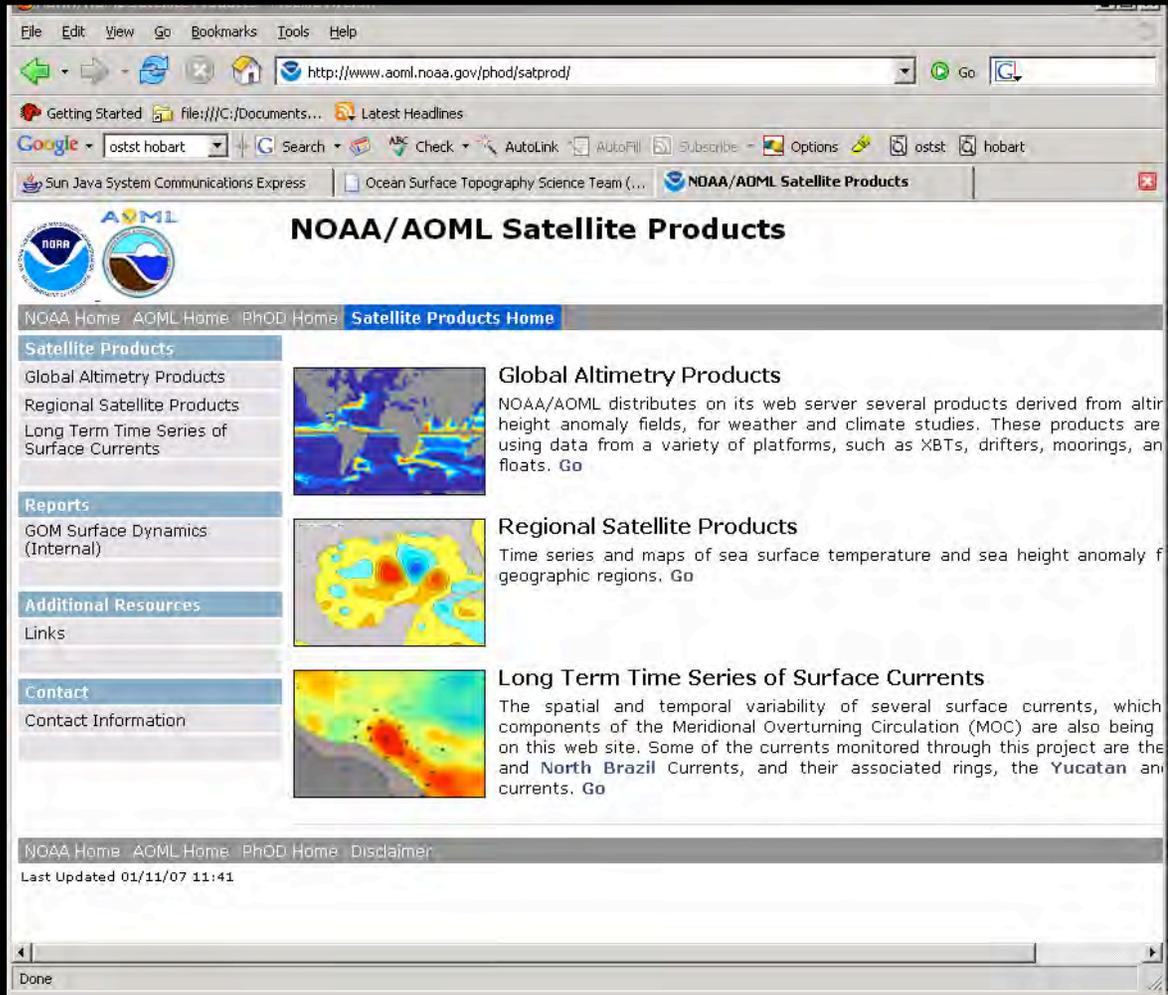
For copies contact Annie.Richardson@jpl.nasa.gov

- Authors: JPL Outreach Team
- NASA/JPL
- Year: 2006
- Audience: All
- Medium: Bookmark
- Size / Format: 7.5 cm w x 20.3 cm h
- Language(s): English

NOAA/AOML ALTIMETRY PRODUCTS NRT

<http://www.aoml.noaa.gov/phod/satprod/>

Gustavo Jorge Goni, NOAA/AOML



The screenshot shows a web browser window displaying the NOAA/AOML Satellite Products website. The browser's address bar shows the URL <http://www.aoml.noaa.gov/phod/satprod/>. The website features a navigation menu with links to NOAA Home, AOML Home, PHOD Home, and Satellite Products Home. The main content area is titled "NOAA/AOML Satellite Products" and is organized into three sections:

- Satellite Products:** Includes links for Global Altimetry Products, Regional Satellite Products, and Long Term Time Series of Surface Currents.
- Reports:** Includes a link for GOM Surface Dynamics (Internal).
- Additional Resources:** Includes a link for Links.

The "Global Altimetry Products" section includes a world map showing sea surface height anomalies and a description: "NOAA/AOML distributes on its web server several products derived from altimetry data, for weather and climate studies. These products are using data from a variety of platforms, such as XBTs, drifters, moorings, and floats. Go".

The "Regional Satellite Products" section includes a map of the Gulf of Mexico and Caribbean Sea showing sea surface temperature and sea height anomalies, with a description: "Time series and maps of sea surface temperature and sea height anomaly for geographic regions. Go".

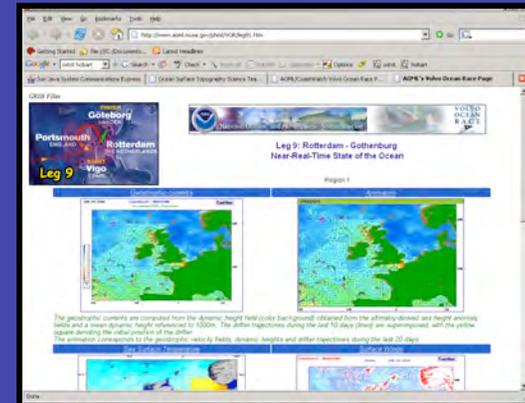
The "Long Term Time Series of Surface Currents" section includes a map of the Gulf of Mexico and Caribbean Sea showing surface currents, with a description: "The spatial and temporal variability of several surface currents, which components of the Meridional Overturning Circulation (MOC) are also being monitored on this web site. Some of the currents monitored through this project are the North Brazil Currents, and their associated rings, the Yucatan and Caribbean currents. Go".

At the bottom of the page, there is a footer with navigation links (NOAA Home, AOML Home, PHOD Home, Disclaimer) and a timestamp: "Last Updated 01/11/07 11:41".

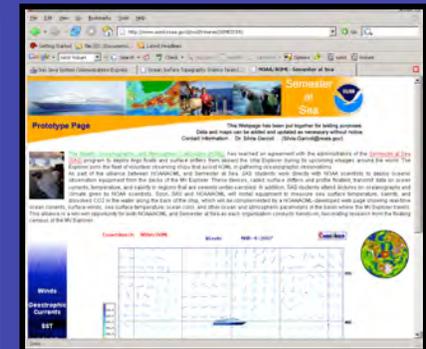


NOAA/AOML ALTIMETRY PRODUCTS Outreach

Volvo Ocean Race



Semester At Sea



World Ocean Surface Currents (OSCAR - Ocea...)

File Edit View History Bookmarks Tools Help

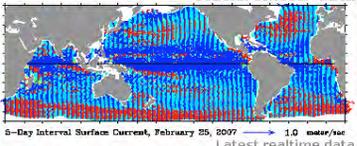
http://www.oscar.noaa.gov/

National Oceanic and Atmospheric Administration

OSCAR Ocean Surface Current Analyses - Real time

Home | Project Overview | Data Display & Download | General Interest

Near-real-time ocean surface currents derived from satellite altimeter and scatterometer data



5-Day Interval Surface Current, February 25, 2007
Latest realtime data

- Global Dataset for Display and download
- Direct Comparisons of OSCAR to Buoy data
- OSCAR data available through OPeNDAP/DODS

Pilot project for a NOAA/NESDIS Operational Surface Current Processing and Data Center
National Ocean Partnership Program (NOPP)

Home | Project Overview | Data Display & Download | General Interest

OSCAR Project Office
Earth and Space Research
1910 Fairview Ave E, Suite 210
Seattle WA 98102-3620

webmast.oscar@noaa.gov
Credits | Disclaimer | Privacy Policy

Fabrice Bonjean, Sara Tweedie, Gary Lagerloef, OSTST Hobart 2007

Outreach Showcase:
OSCAR surface currents (<http://www.oscar.noaa.gov>) will soon be used in the NASA-sponsored educational web site <http://www.oceanmotion.org>

Ocean Motion : Main Page - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.oceanmotion.org/

NASA **Ocean Motion** and surface currents

Home Credits Help View Styles: Standard

Background Impact Gathering Data Researchers/Applications Data Resources Teachers Students Glossary



What do you know about:

Navigation? [Quiz](#)

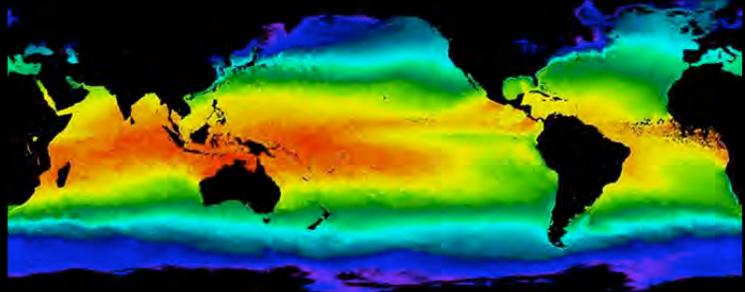
Coriolis force? [Quiz](#)

Ocean gyres? [Quiz](#)

Ocean warming? [Quiz](#)

Energy balance? [Quiz](#)

Satellites? [Quiz](#)



Sea Surface Temperature (°C)

(click to enlarge)
Image Provided by Norman Kuring

The ocean is a major player in the Earth system. It is in constant motion, with currents flowing on all levels. Data from buoys, drifters, and satellites such as *ocean color*, *sea height*, *temperature*, and *winds*, provide us with observations about the speed and direction of currents and about heat stored in the ocean, which help to predict global climate variations.

Remote sensing from satellites is the most efficient way to get global information about these vast, hard-to-measure expanses.

Abstract: The NASA *Ocean Motion* web site allows high school teachers and students to investigate ocean surface currents: their flow patterns, historical roots in early seafaring and exploration, and how their behavior impacts the weather, climate, commerce natural disasters and sea life. Satellite observations of sea surface temperature, height, winds, and ocean color are presently available on the site through an easy-to-use interface. The Global **OSCAR** data visualizer will be on the site in the next few weeks.



Outreach Activities at the University of Washington

LuAnne Thompson

- Led discussions in the community after showings of “An Inconvenient Truth”
Seattle chapter of the Society of Professional Engineering Employees in Aerospace
Saint Marks Episcopal Cathedral
- Development of a “Climate 101” talk for the King County Library System
- Leading up the University of Washington contribution to “Focus the Nation” a national day of education on global climate change, depts.washington.edu/uwfocus/.

