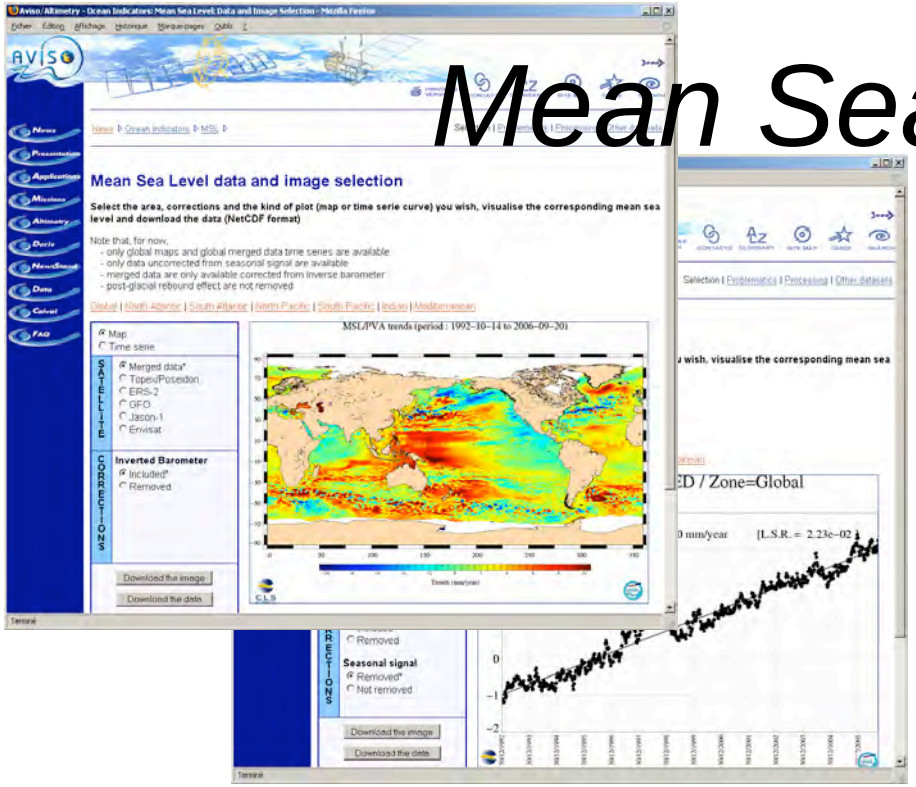
Mean Sea Level web site

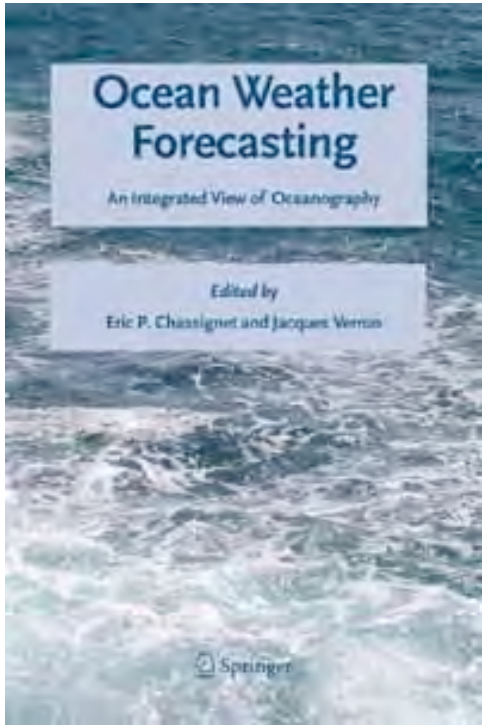


- Author name: CLS/Cnes/Legos
- Year: 2007 - updates
- Public aimed: general public, climatologists, environmental agengies
- Medium: web
- Size / Format: N/A
- Language(s): English, French

Aviso new online Mean Sea Level database

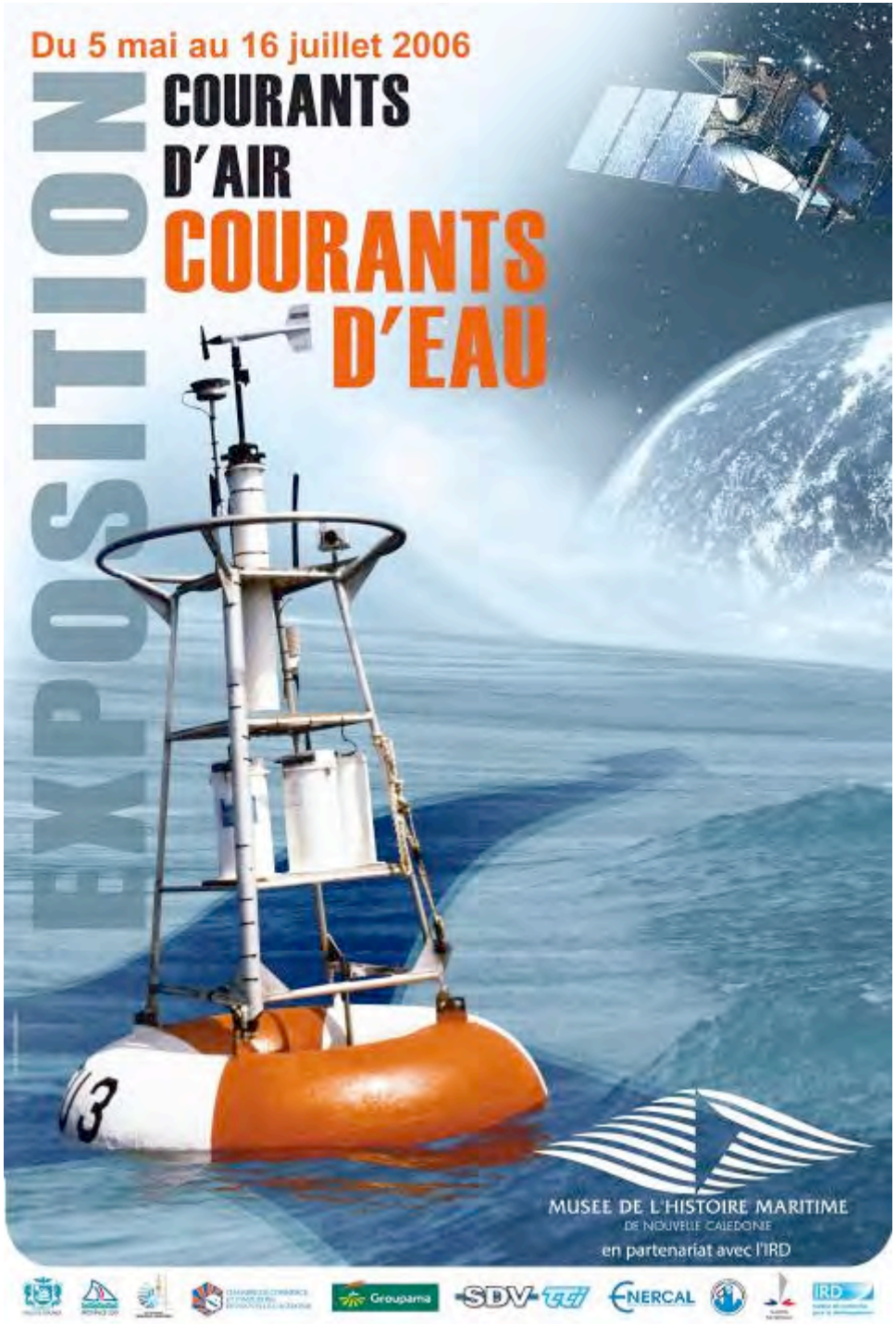
- **Maps** and **time series** (as **figures** and as **data**)
- since November 1992 (depending on the mission)
- With / without Inverse Barometer correction (Jason-1, T/P)
- By satellite (T/P, Jason-1) and merging all satellites
- Time series over basins (N. & S. Atlantic and Pacific, Indian, Mediterranean,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

http://www.aviso.oceanobs.com/msl/



Ocean Weather Forecasting
An Integrated View of Oceanography
Springer
2006, XII, 578 p., Hardcover
ISBN: 978-1-4020-3981-2

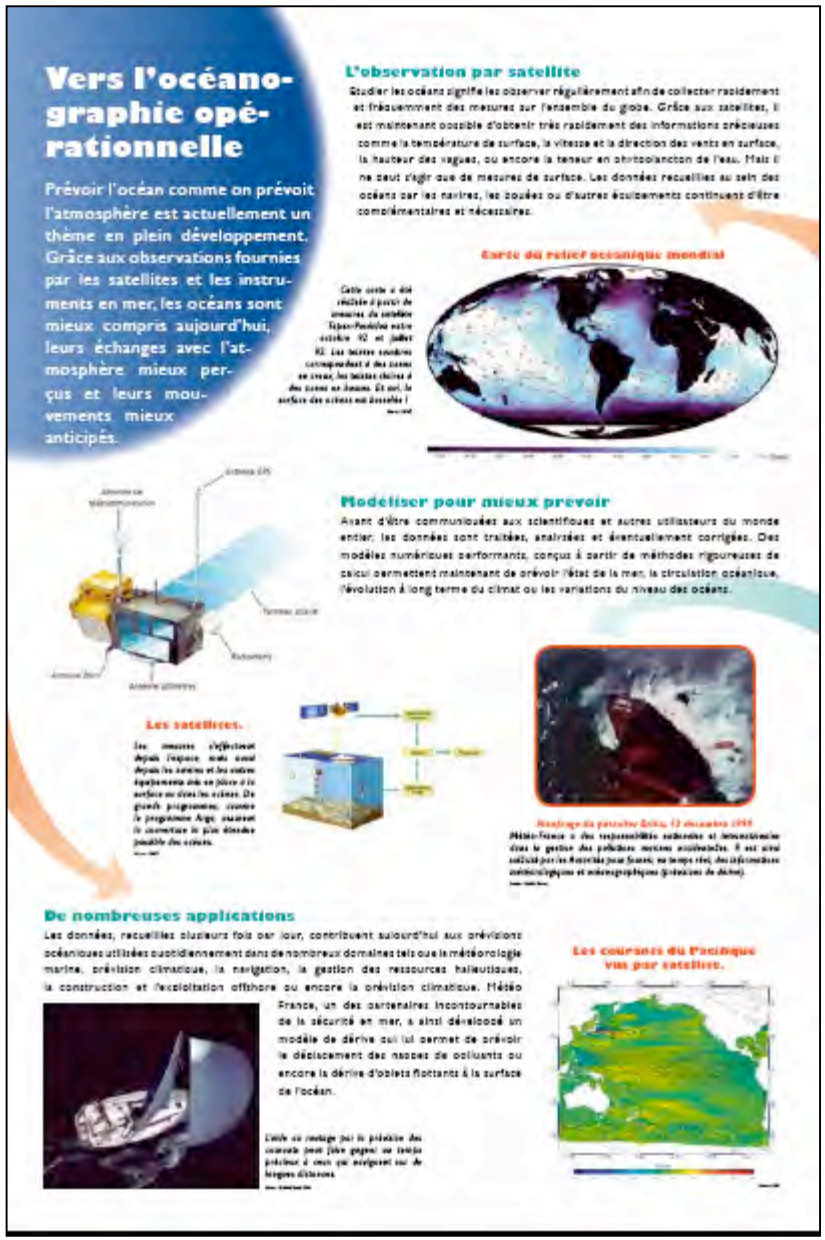
- Author name: Chassignet, Eric P. and Verron, Jacques (Eds.)
- COPAS, Tallahassee and LEGI, Grenoble
- Year: 2006
- Public aimed: decision-makers, scientists, end-users…
- Medium: Book
- Language(s): English



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

Christophe Maes[1]
and Valérie Vattier[2]

1 IRD-LEGOS, Nouméa
2 Maritime Museum of New Caledonia, Nouméa


Vers l'océanographie opérationnelle
Prévoir l'océan comme on prévoit l'atmosphère est actuellement un thème en plein développement. Grâce aux observations fournies par les satellites et les instruments en mer, les océans sont mieux compris aujourd'hui, leurs échanges avec l'atmosphère mieux perçus et leurs mouvements mieux anticipés.
L'observation par satellite
Carte du relief océanique mondial
Modéliser pour mieux prevoir
Les satellites.
De nombreuses applications
Les courants du Pacifique vus par satellite.


Exposition
Courants d'air, Courants d'eau,
Nouméa, 2006.
IRD
Institut de recherche pour le développement


ALIS
R/V Alis

IDS outreach product

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

International DORIS Service

IDS

http://ids.cls.fr/

IDS outreach product

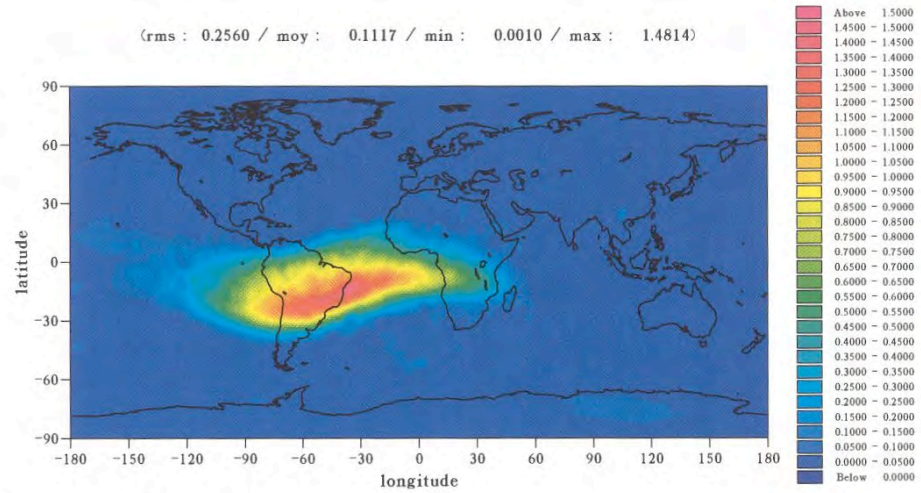


Fig. 7 Plot of the relative SAA dose exposure in 2002–2005 at the 1,300 km altitude of Jason-1 (dimensionless units)

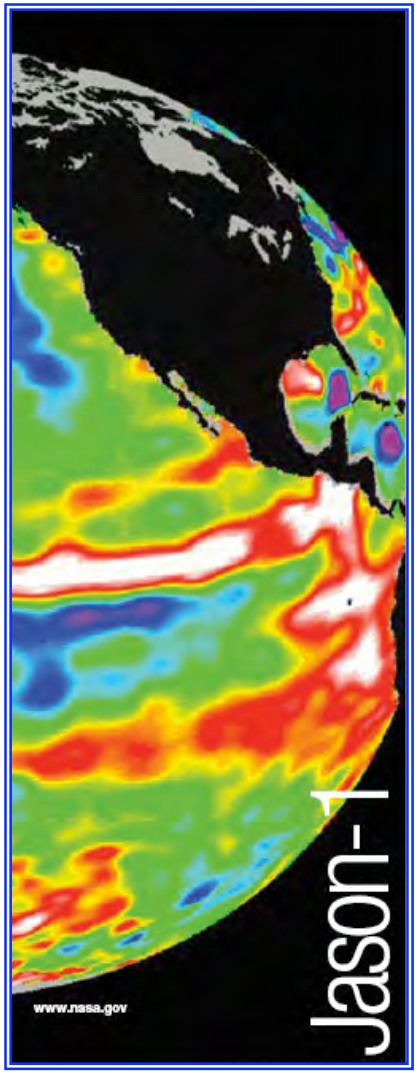
DORIS Special Issue in Journal of Geodesy

- 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

NASA

CENTRE NATIONAL D'ÉTUDES 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
2001-2006
http://sealevel.jpl.nasa.gov

Jet Propulsion Laboratory
California Institute of Technology
Pasadena, California

JPL 403-XXXX 11/06

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.

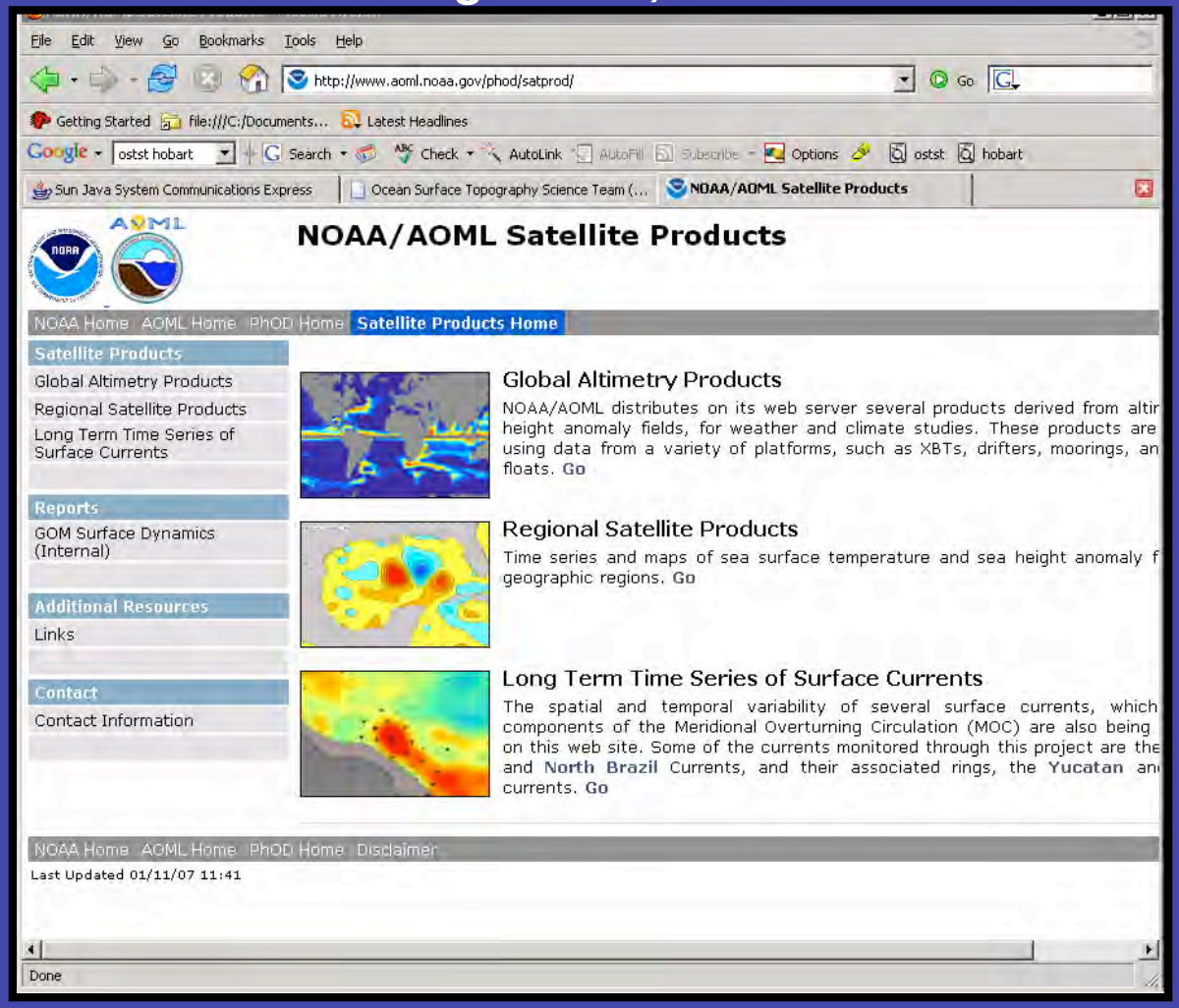
For copies contact Annie.Richardson@jpl.nasa.gov

- 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

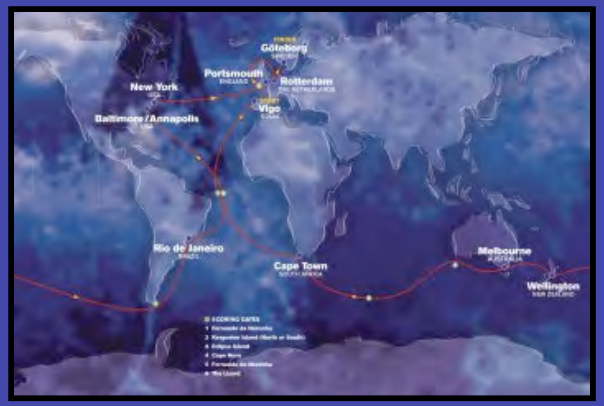
http://www.aoml.noaa.gov/phod/satprod/

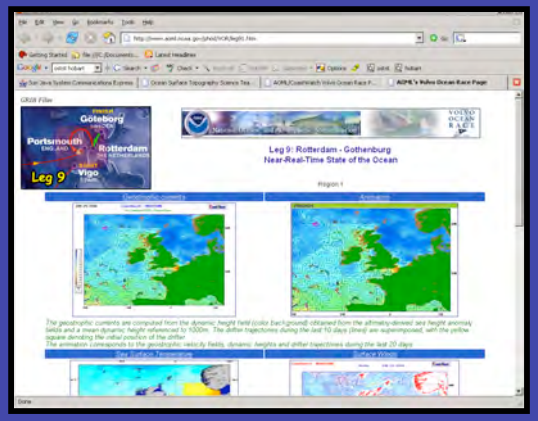
Gustavo Jorge Goni, NOAA/AOML



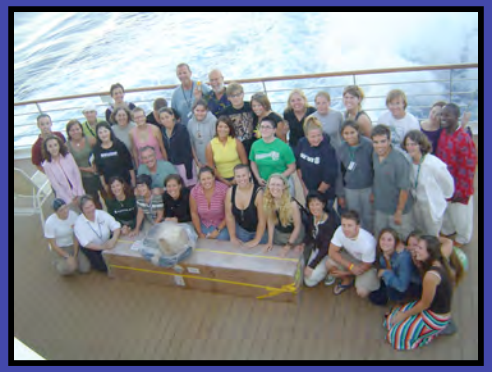
NOAA/AOML ALTIMETRY PRODUCTS
Outreach

Volvo Ocean Race





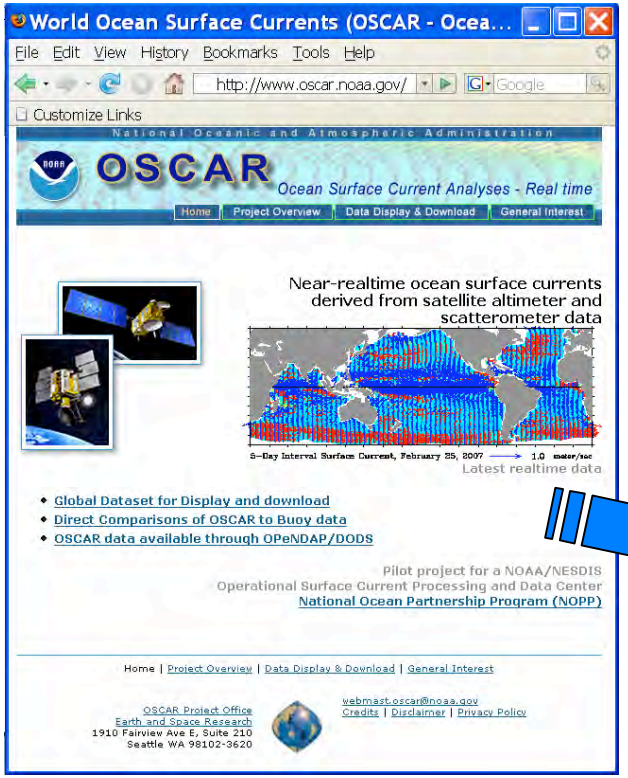
Semester At Sea

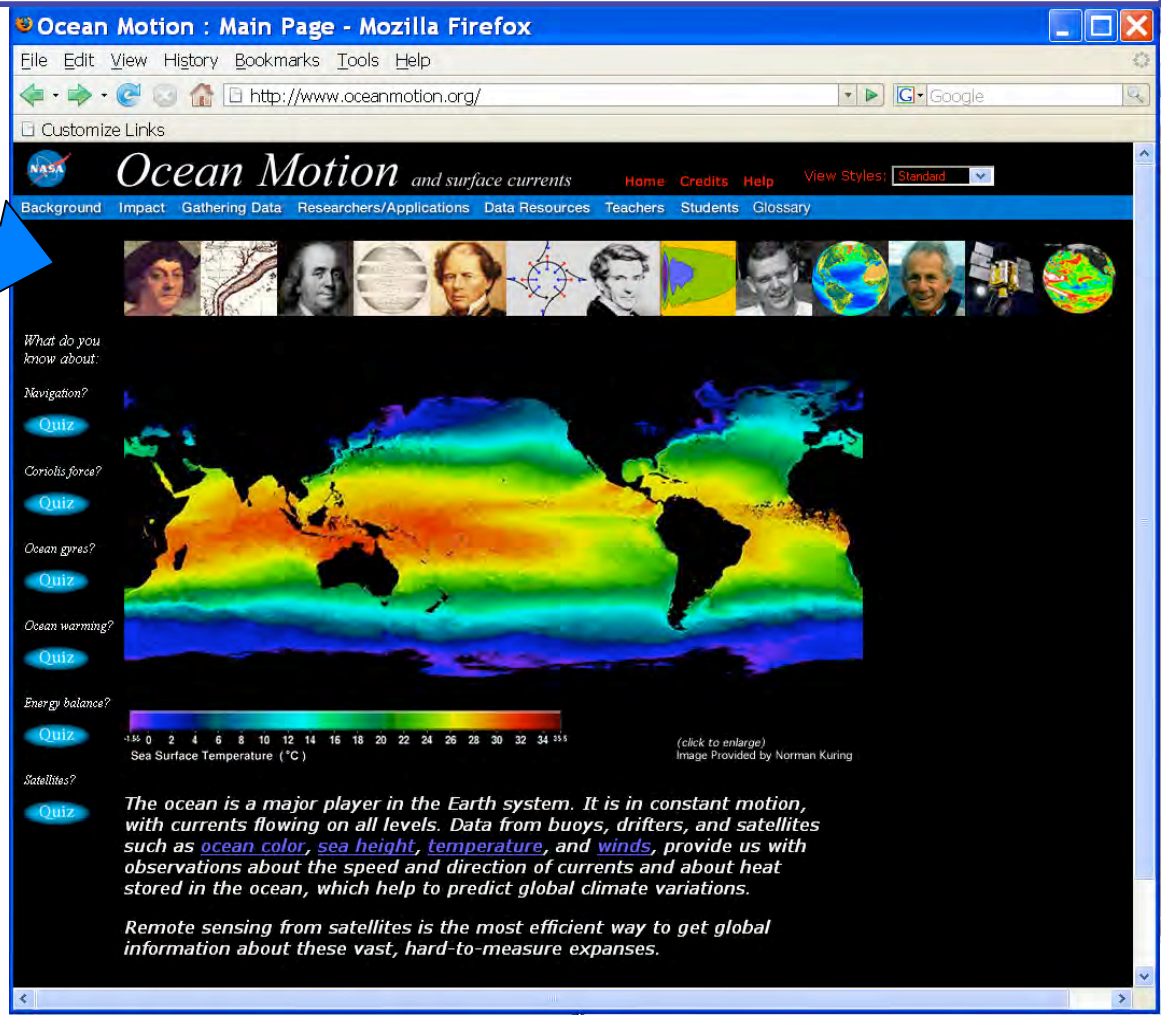


Fabrice Bonjean, Sara Tweedie, Gary Lagerloef, OSTST Hobart 2007

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





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/.

UNIVERSITY OF WASHINGTON