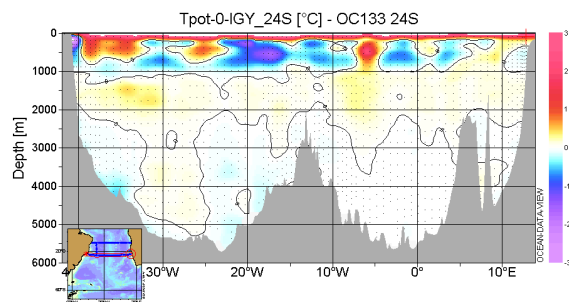
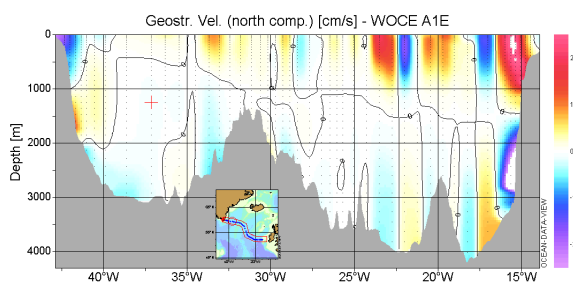


... differences of property fields between repeats



... geostrophic velocity sections



Ocean Data View is designed to be flexible and easy to use. ODV always displays a map of available stations on the screen and facilitates navigation through the data by letting the user select stations, sections, and isosurfaces with the mouse. The screen layout and various other configuration features can be modified easily, and favorite settings can be stored in configuration files on disk for later use.

ODV allows easy import of new data into collections and also allows easy export of some or all data from a collection. In addition to WOCE data, data from the World Ocean Atlas 1994 (U. S. National Oceanographic Data Center, NODC), World Ocean Database (NODC), data in NODC SD2 format, and data in a TAB-separated spreadsheet format can directly be incorporated into the ODV system. ODV maintains quality flags associated with each individual data value. These quality flags can be used by ODV as a data quality filter to exclude bad or questionable values from the analysis.

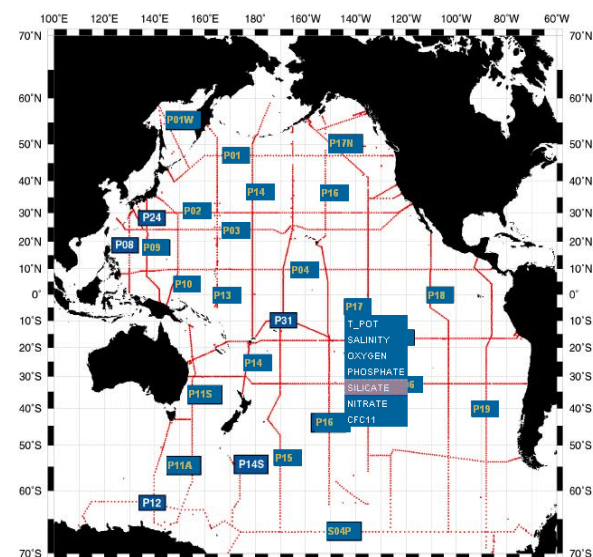
For more information see the ODV User's Guide, which is available from the ODV web page. A review of the Ocean Data View software by Murray Brown can be found in Oceanography, 11(2), 19-21, 1998 (pdf version available on ODV web page).

## eWOCE Gallery

Plots of more than 350 tracer distributions along WHP lines are provided in the eWOCE Gallery. You view these plots with your Internet browser via easy to use interactive map interfaces (see below). There is no need to download the eWoce data files or software first. Visit the eWOCE Gallery at:

<http://www.ewoce.org/gallery>.

Choose one of the ocean basins and point the mouse to one of the WHP line identifiers. Then choose a property from the list.



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Reference:

Schlitzer, R., Electronic Atlas of WOCE Hydrographic and Tracer Data Now Available, *Eos Trans. AGU*, 81(5), 45, 2000.

This flyer is available for download at: <http://www.ewoce.org/pdf/flyer.pdf>

# eWOCE

## Electronic Atlas of WOCE Data



<http://www.ewoce.org>

## What is eWOCE

The World Ocean Circulation Experiment WOCE was the largest internationally coordinated oceanographic program ever conducted. It provides global ocean observations of unprecedented extent and quality for the decade from 1988 until 1998. To facilitate their use, profile and sequence data from most WOCE data streams have been compiled in integrated, global or basin-wide datasets. When used with the Ocean Data View (ODV) visualization software, this compilation constitutes an "Electronic Atlas of WOCE Data" that permits graphical display and interactive analysis of the data in many different ways. With extensive interactive controls and a wide variety of derived quantities, this electronic atlas complements the printed WOCE atlases that are distributed now.

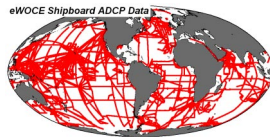
eWOCE is part of the "WOCE Global Data, Version 3.0" DVD set. The eWOCE datasets and the latest versions of the *Ocean Data View* software are also available over the Internet at: <http://www.ewoce.org>.

## eWOCE Data

eWOCE provides global or basin-wide data collections for most WOCE data streams, including ADCP, CTD, XBT, current meters, profiling floats, sea-level, sea surface T/S, subsurface floats, surface drifters, hydrography, nutrients and tracers.

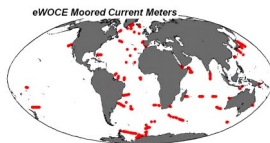
### ADCP Data

Shipboard ADCP velocity profiles for more than 240,000 stations and 540 cruises from the ADCP Program.



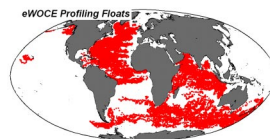
### Current Meter Data

Velocity and hydrographic data for more than 1300 moored current meters from the Current Meter Program.



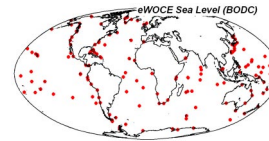
### Profiling Float Data

More than 31,000 temperature and salinity profiles from more than 1600 profiling floats.



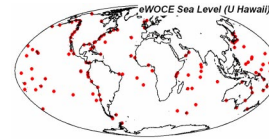
### Sea Level Data (BODC)

Hourly sea level data for 161 stations from the delayed mode Sea Level Program (1900-2000).



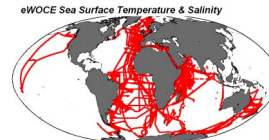
### Sea Level Data (U Hawaii)

Hourly sea level data for 129 stations from the fast-delivery Sea Level Program (1985-2001).



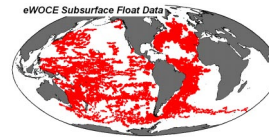
### Sea Surface T/S Data

Sea-surface temperature and salinity data from the Sea Surface Salinity Program (>400,000 samples).



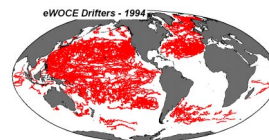
### Subsurface Float Data

Trajectories as well as velocity and temperature data for 1040 floats from the Subsurface Float Program.



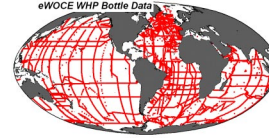
### Surface Drifter Data

Trajectories and velocity data for more than 12,000 drifters from the Surface Velocity Program (daily data organized by years, 1979-2000).



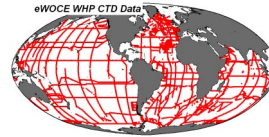
### WHP Bottle Data

Hydrographic, nutrient and tracer data from the WOCE Hydrographic Program (>17,400 stations).



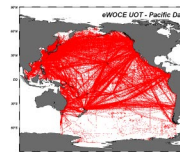
### WHP CTD Data

High resolution CTD data from the WOCE Hydrographic Program (>18,500 stations).



### Upper Ocean Thermal Data

More than 1 million temperature and salinity profiles from the Upper Ocean Thermal Program (organized by ocean basins; separate data collection for high density lines).



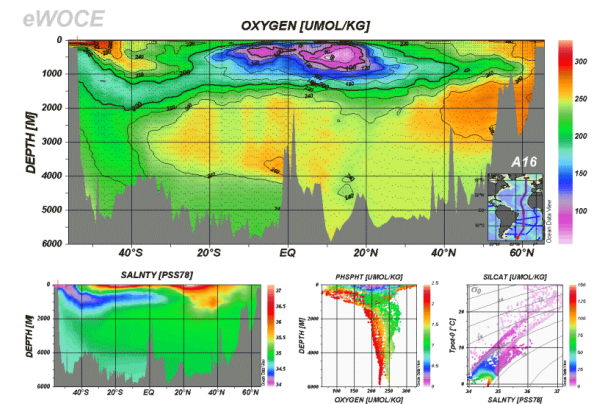
## Ocean Data View Software

To exploit the information in the eWoce data collections and to analyze and display the data you use the *Ocean Data View* (ODV) visualization software, which is available for Windows, Linux, Mac OS X and UNIX systems. The latest version of the ODV software, a description of its capabilities and instructions on how to install it on your computer are available over the Internet at:

<http://odv.awi.de>

You can use ODV to produce ...

...property distributions along arbitrary cruise tracks



... property distributions on arbitrary surfaces

