

World Ocean Database and Atlas 2005

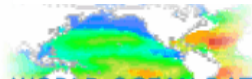
A global, comprehensive, integrated, quality-controlled database

Release date: May 2006

Poster W6-2877

www.nodc.noaa.gov

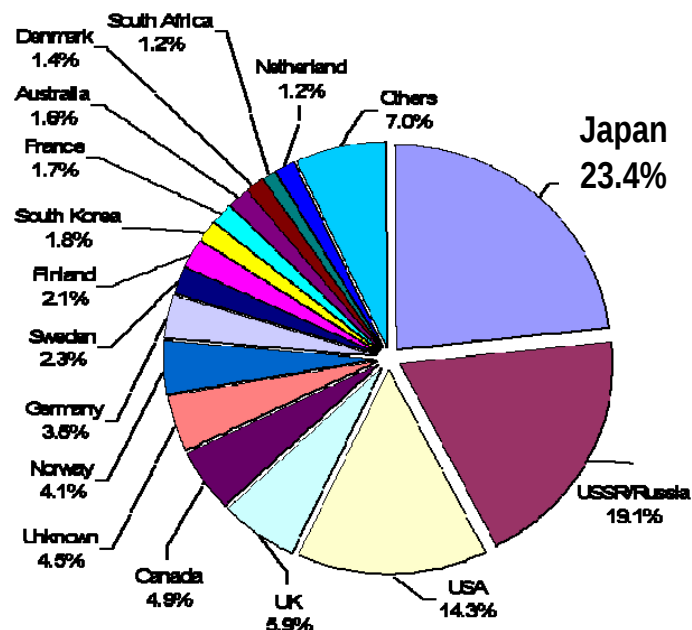
Geographically- and yearly-sorted subsets, and "user search" (WODSelect)



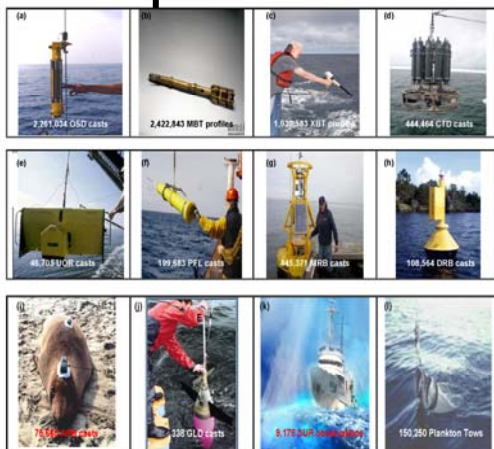
WORLD OCEAN DATABASE SELECT AND SEARCH

Parameter	Number of profiles	Sampled years
Temperature	7,759,262	1772 – 2005
Salinity	2,658,256	1874 - 2004
Dissolved oxygen	711,439	1893 – 2004
Phosphate	400,195	1922 – 2004
Silicate	287,079	1921 – 2004
Nitrite	189,484	1893 - 2004
Nitrate	222,328	1925 – 2004
pH	152,795	1904 – 2003
Total Chlorophyll	188,194	1900 - 2004
Total Alkalinity	30,201	1921 – 2004
Partial pressure of carbon dioxide	3,046	1967 – 2003
Dissolved inorganic carbon	9,093	1958 – 2004
Plankton taxonomy and Biomass	150,250	1905 – 2004
Tritium	1,326	1984 – 1997
Helium	1,807	1984 – 1997
Delta Helium-3	1,769	1985 – 1997
Delta Carbon-14	878	1991 – 2001
Delta Carbon-13	697	1991 – 2001
Argon	75	1993 – 1993
Neon	1,131	1989 – 1997
Chlorofluorocarbon-11	8,286	1985 – 2004
Chlorofluorocarbon-12	8,225	1985 – 2004
Chlorofluorocarbon-113	1,795	1990 – 2004
Delta Oxygen-18	29	1996 – 1996
Beam attenuation coefficient	9,192	1975 – 2001

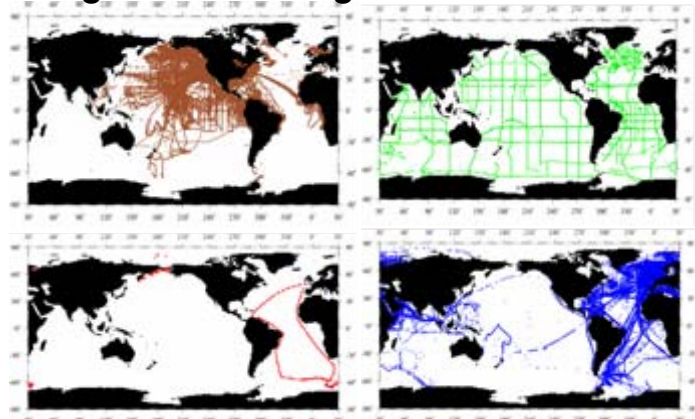
International Sources



Multiple instruments



Digital & non-digital data sources



World Ocean Database 2005 User Search

Ocean Database Query - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://www.nodc.noaa.gov/OC5/SELECT/dbsearch/dbsearch.html

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WORLD OCEAN DATABASE SELECT AND SEARCH

The WODselect retrieval system allows a user to search *World Ocean Database 2005* using a user-specified search criteria. A distribution map and cast count of these search criteria will give the user the option to have the data extracted and placed on the NODC FTP site in the WOD05 native and ".csv" data format (more information about [downloading and reading the data files](#)).

Build a Data Retrieval Request Based on Your Choice of Criteria:

To build a user defined search query:

1. Place check mark in front of any number of criteria.
2. Press the "Build a query" button.

(If any criteria below are not checked, the default will apply).

SEARCH CRITERIA:	DEFAULT:
☐ GEOGRAPHIC COORDINATES	- whole world
☐ OBSERVATION DATES - e.g., Year(s), Month(s), Day(s)	- all years/months/days
☐ DATASET - e.g., OSD, CTD, XBT	- OSD only
☐ MEASURED VARIABLES - e.g., Temperature, Salinity, Nutrients	- all available variables
☐ PLANKTON - e.g., Descriptive and Numeric Abundance, Biomass	- all available plankton
☐ DEEPEST MEASUREMENT	- all depths
☐ COUNTRY	- all countries
☐ SHIP/PLATFORM	- all ships/platforms
☐ PROJECT	- all projects
☐ INSTITUTE	- all institutes
☐ DATA EXCLUSION USING WOD QUALITY CONTROL FLAGS	- no exclusion

Build a query Reset

<http://www.nodc.noaa.gov/OC5/SELECT/dbsearch/dbsearch.html>

<http://www.nodc.noaa.gov/>



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http://www.nodc.noaa.gov/cgi-bin/OCS/SELECT/dbsearch.pl

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NOAA Satellite and Information Service

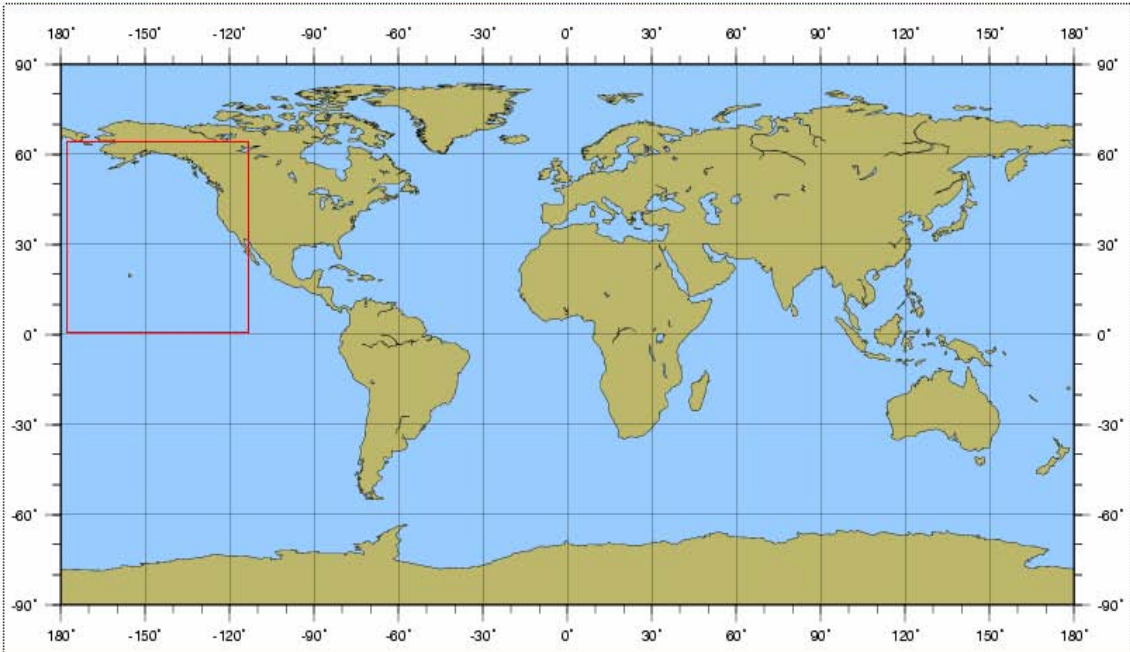
National Oceanographic Data Center

>> Search NODC
>> Contact NODC

You are here: [NODC Home](#) > [OCL Home](#) > [OCL Products](#) > World Ocean Database Search and Select

BACK TO BUILD a new query

GEOGRAPHIC COORDINATES: [HELP](#) Please wait for map to load.



Done

<http://www.nodc.noaa.gov/>

Annual, seasonal, monthly 1-deg OA/statistics data and map fields (33 depths:

T, S, O₂, AOU, O₂sat, PO₄, NO₃, Si(OH)₄

