

Arabian Sea cruise reports from R/V Thomas G. Thompson cruises in the Arabian Sea in 1995 (U.S. JGOFS Arabian Sea project)

Website: <https://www.bco-dmo.org/dataset/2916>

Data Type: cruise report, document

Version: final

Version Date: 1996-01-12

Project

» [U.S. JGOFS Arabian Sea](#) (Arabian Sea)

Program

» [U.S. Joint Global Ocean Flux Study](#) (U.S. JGOFS)

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Dataset Description

Cruise report updates from R/V THOMPSON for all Arabian Sea cruises.

Methods & Sampling

See Platform deployments for cruise specific documentation

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Parameters

Parameters for this dataset have not yet been identified

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Deployments

TT039

Website	https://www.bco-dmo.org/deployment/57700
Platform	R/V Thomas G. Thompson
Report	http://usjgofs.whoi.edu/arabian-docs/smith-update.html
Start Date	1994-09-18
End Date	1994-10-07
Description	Intercalibration and Training Cruise

TT040

Website	https://www.bco-dmo.org/deployment/57701
Platform	R/V Thomas G. Thompson
Start Date	1994-10-11
End Date	1994-10-25
Description	Mooring Deployment Cruise Methods & Sampling Purpose: Bottom survey and mooring deployment.

TT041

Website	https://www.bco-dmo.org/deployment/57702
Platform	R/V Thomas G. Thompson
Start Date	1994-10-28
End Date	1994-11-21
Description	Methods & Sampling Purpose: Bottom Survey, Sediment Trap Deployment and Coring

TT042

Website	https://www.bco-dmo.org/deployment/57703
Platform	R/V Thomas G. Thompson
Start Date	1994-11-28
End Date	1994-12-19
Description	Methods & Sampling Purpose: SeaSoar/NRL Cruise #1 Cruise report was contributed in 2 parts. Part 1

TT043

Website	https://www.bco-dmo.org/deployment/57704
Platform	R/V Thomas G. Thompson
Report	http://osprey.bcodmo.org/datasetDeployment.cfm?ddid=2580&did=353&flag=view
Start Date	1995-01-08
End Date	1995-02-05
Description	Purpose: Process Cruise #1 (Late NE Monsoon) Methods & Sampling Purpose: Process Cruise #1 (Late NE Monsoon)

TT044

Website	https://www.bco-dmo.org/deployment/57705
Platform	R/V Thomas G. Thompson
Start Date	1995-02-09
End Date	1995-02-28
Description	Methods & Sampling Purpose: SeaSoar/NRL Cruise #2

TT045

Website	https://www.bco-dmo.org/deployment/57706
Platform	R/V Thomas G. Thompson
Start Date	1995-03-14
End Date	1995-04-10
Description	Methods & Sampling Purpose: Process 2 Cruise Cruise report was contributed in 3 parts. Part 1 Part 2 Part 3 final

TT046

Website	https://www.bco-dmo.org/deployment/57707
Platform	R/V Thomas G. Thompson
Start Date	1995-04-14
End Date	1995-04-29
Description	Mooring Recovery and Redeployment Cruise Methods & Sampling Mooring Recovery and Redeployment Cruise

TT047

Website	https://www.bco-dmo.org/deployment/57708
Platform	R/V Thomas G. Thompson
Start Date	1995-05-03
End Date	1995-05-22
Description	Sediment Trap Servicing, Coring, Process 3 Methods & Sampling Process Cruise #3, Coring and Recover & Redeploy Sediment Traps

TT048

Website	https://www.bco-dmo.org/deployment/57709
Platform	R/V Thomas G. Thompson
Start Date	1995-06-21
End Date	1995-07-13
Description	Methods & Sampling SeaSoar 3 Cruise Update

TT049

Website	https://www.bco-dmo.org/deployment/57710
Platform	R/V Thomas G. Thompson
Start Date	1995-07-17
End Date	1995-08-15
Description	Methods & Sampling Process Cruise #4 (Middle SW Monsoon)

TT050

Website	https://www.bco-dmo.org/deployment/57711
Platform	R/V Thomas G. Thompson
Start Date	1995-08-18
End Date	1995-09-15
Description	Methods & Sampling Process Cruise 5 Update

TT051

Website	https://www.bco-dmo.org/deployment/57712
Platform	R/V Thomas G. Thompson
Start Date	1995-09-19
End Date	1995-10-11
Description	Methods & Sampling SeaSoar #4 Cruise Update

TT052

Website	https://www.bco-dmo.org/deployment/57713
Platform	R/V Thomas G. Thompson
Start Date	1995-10-14
End Date	1995-10-25
Description	Mooring Recovery Cruise Methods & Sampling Mooring Recovery

TT053

Website	https://www.bco-dmo.org/deployment/57714
Platform	R/V Thomas G. Thompson
Start Date	1995-10-29
End Date	1995-11-26
Description	Methods & Sampling Process Cruise #6 (bio-optics)

TT054

Website	https://www.bco-dmo.org/deployment/57715
Platform	R/V Thomas G. Thompson
Start Date	1995-11-30
End Date	1995-12-28
Description	Methods & Sampling Process Cruise #t (Early NE Monsoon)

TT055

Website	https://www.bco-dmo.org/deployment/57716
Platform	R/V Thomas G. Thompson
Start Date	1995-12-31
End Date	1996-01-16
Description	Sediment Trap Recovery Methods & Sampling Sediment Trap Recovery

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Project Information

U.S. JGOFS Arabian Sea (Arabian Sea)

Website: <http://usjgofs.whoi.edu/research/arabian.html>

Coverage: Arabian Sea

The U.S. Arabian Sea Expedition which began in September 1994 and ended in January 1996, had three major components: a U.S. JGOFS Process Study, supported by the National Science Foundation (NSF); Forced Upper Ocean Dynamics, an Office of Naval Research (ONR) initiative; and shipboard and aircraft measurements supported by the National Aeronautics and Space Administration (NASA). The Expedition consisted of 17 cruises aboard the R/V Thomas Thompson, year-long moored deployments of five instrumented surface buoys and five sediment-trap arrays, aircraft overflights and satellite observations. Of the seventeen ship cruises, six were allocated to repeat process survey cruises, four to SeaSoar mapping cruises, six to mooring and benthic work, and a single calibration cruise which was essentially conducted in transit to the Arabian Sea.

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Program Information

U.S. Joint Global Ocean Flux Study (U.S. JGOFS)

Website: <http://usjgofs.whoi.edu/>

Coverage: Global

The United States Joint Global Ocean Flux Study was a national component of international JGOFS and an integral part of global climate change research.

The U.S. launched the Joint Global Ocean Flux Study (JGOFS) in the late 1980s to study the ocean carbon cycle. An ambitious goal was set to understand the controls on the concentrations and fluxes of carbon and associated nutrients in the ocean. A new field of ocean biogeochemistry emerged with an emphasis on quality measurements of carbon system parameters and interdisciplinary field studies of the biological, chemical and physical process which control the ocean carbon cycle. As we studied ocean biogeochemistry, we learned that our simple views of carbon uptake and transport were severely limited, and a new "wave" of ocean science was born. U.S. JGOFS has been supported primarily by the U.S. National Science Foundation in collaboration with the National Oceanic and Atmospheric Administration, the National Aeronautics and Space Administration, the Department of Energy and the Office of Naval Research. U.S. JGOFS, ended in 2005 with the conclusion of the Synthesis and Modeling Project (SMP).

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Funding

Funding Source	Award
NSF Division of Ocean Sciences (NSF OCE)	OCE-9310577
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