

MIRAI MR05-05 Leg2 Conductivity-Temperature-Depth Profiler (CTD)

Last Modified: 2017-04-11

[ReadMe](#) [Observation Data](#) [Data Format](#)

Cruise ID: [MR05-05 Leg2](#)

Conductivity-Temperature-Depth Profiler (CTD) Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items: Pressure, Temperature, Salinity, Dissolved oxygen

Science Keywords:

OCEANS > OCEAN CHEMISTRY > OXYGEN
OCEANS > OCEAN TEMPERATURE > WATER TEMPERATURE
OCEANS > SALINITY/DENSITY > SALINITY

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR05-05_leg1-3_all.pdf

[For Using Data](#)

Principal Investigator

Hiroshi Uchida (JAMSTEC)

Use Constraints

See [Terms and Conditions](#) about constrain of use.

Data Citation

See [Terms and Conditions](#) about data citation.

Instrument

Instrument:

Water sampling system with CTD (30
litters * 24 bottles)



Instrument:

Water sampling system with CTD (12
litters * 36 bottles)



Instrument:

Water sampling system with CTD (12
litters * 12 bottles)



Instrument:

Conductivity temperature depth
measurements (CTD)



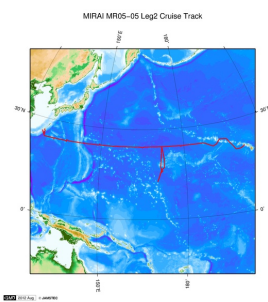
Overview

Please see the Data book for details of data.

- [WHP P03 REVISIT DATA BOOK](#)

- [Wake Island Passage Flux Experiment Data Book](#)

Related Information



[Enlarge Image](#)

MR05-05 Leg2

Ship Name: MIRAI

Period: 2005-11-27 - 2006-01-17

Chief Scientist: Ikuro Kaneko (JAMSTEC)/Akihiko Murata (JAMSTEC)

Project Name: [POST-WOCE Hydrography]

Update History

2017-04-11	An observation data was registered.
2014-07-26	An observation data was registered.

2012-11-25

An observation data was registerd.

JAMSTEC

[Site Policy](#)
[Privacy Policy](#)
[Application for Data and Samples](#)
[Data Policy](#)

What's New

[Update History](#)
[Feeds](#)

Lists

[Publication List](#)
[Amount of Public Info.](#)

Data

[Map Search](#)
[Data Tree](#)
[Detailed Search](#)

Information of the Ships

[NATSUSHIMA](#)
[KAIYO](#)
[YOKOSUKA](#)
[MIRAI](#)
[KAIREI](#)
[CHIKYU](#)
[KAIMEI](#)
[SHINSEI MARU](#)
[HAKUHO MARU](#)

Information of the Submersibles

[KAIKO](#)
[SHINKAI 2000](#)
[SHINKAI 6500](#)
[DEEP TOW](#)
[HYPER-DOLPHIN](#)
[URASHIMA](#)
[YOKOSUKA DEEP TOW](#)
[6K Camera DEEP TOW](#)
[6K Sonar DEEP TOW](#)
[KM-ROV](#)
[POWER GRAB SAMPLER \(SHELL\)](#)
[POWER GRAB SAMPLER \(CLOW\)](#)
[BMS](#)

Go to a Cruise Information

Cruise ID:

Go to a Dive Information

Dive ID:

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海洋研究開発機構
JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY

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[ReadMe](#) [Observation Data](#) [Data Format](#)

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Conductivity-Temperature-Depth Profiler (CTD) Processed (PI)

Data Policy: [JAMSTEC](#)

CTD WOCE-type1

Format Description for the Processed (PI) Data

Provided in the Exchange Format of CCHDO (CLIVAR and Carbon Hydrographic Data Office). Please see the following link for details of Exchange Format.

[CCHDO | CLIVAR & Carbon Hydrographic Data Office](#)

Data in following cruise is not expressed with Exchange Format. Please see the site of each cruise for format.

MR02-K05 Leg1

MR04-05

Format Description for the QCed Data

Each data file contains one line header (meta data) followed by data lines for each cast.

The number of data lines are recorded in the header.

Header part

No.	Column	Content	Format	Remarks
1	1	Header ID	a1	fixed as '#'
2	3 - 6	Data ID	a4	CTD
3	8 - 22	Cruise ID	a15	MYYY-(K)XX(_legx)
4	24 - 31	Cast name	a8	
5	33 - 40	Date	i8	YYYYMMDD (UTC)
6	42 - 45	Time	i4	hhmm (UTC)
7	47 - 55	Latitude	i2,a1,f5.2,a1	dd-mm.mmN(S)
8	57 - 66	Longitude	i3,a1,f5.2,a1	ddd-mm.mmE(W)
9	68 - 71	Number of data lines	i4	
10	72 - 73	Terminator	-	CR+LF

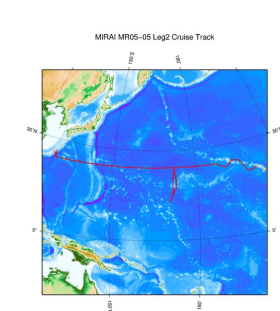
Data part

No.	Column	Content	Unit	Format	Remarks
1	1 - 11	Pressure	dbar	f11.3	
2	12 - 22	Temperature	deg-C	f11.4	ITS-90
3	23 - 33	Salinity	PSU	f11.4	PSS-78
4	34 - 44	Dissolved oxygen	umol/kg	f11.3	
5	45 - 55	Flag	-	i11	1 - 7 : space 8 : flag of pressure 9 : flag of temperature 10 : flag of salinity 11 : flag of dissolved oxygen * reference : Definition of Quality Control Flags
6	56 - 57	Terminator	-	-	CR+LF

Each contents of the data part is stored in 11 bytes.

Missing value is presented by '-5', and error value is presented by '-9'.

Related Information



[Enlarge Image](#)

MR05-05 Leg2

Ship Name: MIRAI

Period: 2005-11-27 - 2006-01-17

Chief Scientist: Ikuo Kaneko (JAMSTEC)/Akihiko Murata (JAMSTEC)

Project Name: [POST-WOCE Hydrography]

Update History

2017-04-11	An observation data was registerd.
2014-07-26	An observation data was registerd.
2012-11-25	An observation data was registerd.

Update History
Feeds

KAIMEI
SHINSEI MARU
HAKUHO MARU

YOKOSUKA DEEP TOW
6K Camera DEEP TOW
6K Sonar DEEP TOW
KM-ROV
POWER GRAB SAMPLER
(SHELL)
POWER GRAB SAMPLER
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Cruise ID: [MR05-05 Leg2](#)

Conductivity-Temperature-Depth Profiler (CTD): Processed (PI)

Data Policy: [JAMSTEC](#)

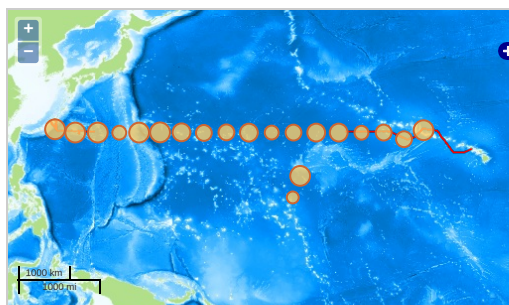
Observation Items: Pressure, Temperature, Salinity, Dissolved oxygen

Science Keywords:

OCEANS > OCEAN CHEMISTRY > OXYGEN
OCEANS > OCEAN > WATER
TEMPERATURE TEMPERATURE
OCEANS > SALINITY/DENSITY > SALINITY

Observation Map

1. Clicking the icon displays a balloon with observation information.
2. Then click the observation name, figures will be displayed.



— ... Observation Line — ... Navigation ● ... Observation, Dive Point, Hole

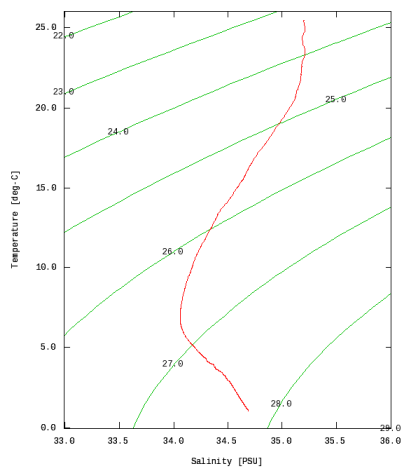
Imagery reproduced from ...

Figures

P03_146_2_ct1



MR05-05 Leg2:P03_146_2_ct1
Conductivity-Temperature-Depth Profiler (CTD):Salinity














































Data List

[Add to Basket](#)

File names

- ☐ P03_146_2_ct1.csv
- ☐ P03_148_1_ct1.csv
- ☐ P03_150_1_ct1.csv
- ☐ P03_152_1_ct1.csv
- ☐ P03_153_1_ct1.csv
- ☐ P03_154_1_ct1.csv
- ☐ P03_155_1_ct1.csv
- ☐ P03_157_1_ct1.csv
- ☐ P03_159_1_ct1.csv
- ☐ P03_161_1_ct1.csv
- ☐ P03_163_1_ct1.csv
- ☐ P03_165_1_ct1.csv
- ☐ P03_167_1_ct1.csv

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	P03_171_1_ctl.csv
	P03_173_1_ctl.csv
	P03_175_1_ctl.csv
	P03_177_1_ctl.csv
	P03_179_1_ctl.csv
	P03_181_1_ctl.csv
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	P03_185_1_ctl.csv
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	P03_189_1_ctl.csv
	P03_191_1_ctl.csv
	P03_193_1_ctl.csv
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	P03_329_1_ctl.csv
	P03_331_1_ctl.csv
	P03_333_1_ctl.csv

 File_names_ct1.csv
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 P03_341_1_ct1.csv
 P03_343_1_ct1.csv
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 P03_351_2_ct1.csv
 P03_353_1_ct1.csv
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 P03_X10_1_ct1.csv
 P03_X13_1_ct1.csv
 P03_X14_1_ct1.csv
 WIFE_WC0_1_ct1.csv
 WIFE_WC10_1_ct1.csv
 WIFE_WC1_1_ct1.csv
 WIFE_WC2_1_ct1.csv
 WIFE_WC3_1_ct1.csv
 WIFE_WC4_1_ct1.csv
 WIFE_WC5_1_ct1.csv
 WIFE_WC6_1_ct1.csv
 WIFE_WC7_1_ct1.csv
 WIFE_WC8_1_ct1.csv
 WIFE_WC9_1_ct1.csv

- Observation List
The list of observation is shown as follows.

Observation	Time and Date	Lat. [°]	Lon. [°]
P03_146_2_ct1	2005-11-30 03:18	24.6663	-166.5508
P03_148_1_ct1	2005-11-30 08:48	24.6005	-166.6607
P03_150_1_ct1	2005-11-30 13:39	24.5052	-166.7315
P03_152_1_ct1	2005-11-30 18:07	24.4403	-166.8123
P03_153_1_ct1	2005-11-30 21:53	24.4200	-166.8200
P03_154_1_ct1	2005-12-01 01:31	24.1437	-167.0990
P03_155_1_ct1	2005-12-01 05:48	24.1500	-167.1270
P03_157_1_ct1	2005-12-01 10:50	24.0932	-167.1653
P03_159_1_ct1	2005-12-01 15:30	24.0208	-167.2437
P03_161_1_ct1	2005-12-01 20:40	23.8473	-167.3798
P03_163_1_ct1	2005-12-02 02:07	23.6133	-167.6263
P03_165_1_ct1	2005-12-02 08:25	23.2327	-168.0072
P03_167_1_ct1	2005-12-02 15:03	23.0112	-168.6548
P03_169_1_ct1	2005-12-02 22:21	22.7522	-169.3327
P03_171_1_ct1	2005-12-03 05:45	23.0677	-170.0200
P03_173_1_ct1	2005-12-03 13:24	23.3887	-170.7413
P03_175_1_ct1	2005-12-03 20:32	23.7115	-171.3818
P03_177_1_ct1	2005-12-04 03:55	24.0695	-172.1040
P03_179_1_ct1	2005-12-04 10:59	24.2462	-172.8288
P03_181_1_ct1	2005-12-04 18:29	24.2467	-173.6338
P03_183_1_ct1	2005-12-05 02:06	24.2438	-174.4433
P03_185_1_ct1	2005-12-05 09:32	24.2247	-175.1978
P03_187_1_ct1	2005-12-05 17:31	24.2348	-176.0215
P03_189_1_ct1	2005-12-06 00:59	24.2375	-176.7602
P03_191_1_ct1	2005-12-06 08:59	24.2178	-177.5758
P03_193_1_ct1	2005-12-06 16:59	24.2463	-178.3617
P03_195_1_ct1	2005-12-07 01:03	24.2418	-179.1560
P03_197_1_ct1	2005-12-07 09:08	24.2272	-179.9880
P03_201_1_ct1	2005-12-09 00:50	24.2455	178.3873
P03_203_1_ct1	2005-12-09 08:45	24.2148	177.6025
P03_205_1_ct1	2005-12-09 16:51	24.2403	176.7805
P03_207_1_ct1	2005-12-10 00:51	24.2537	175.9935
P03_209_1_ct1	2005-12-10 09:01	24.2573	175.1693
P03_211_1_ct1	2005-12-10 16:52	24.2433	174.3848
P03_213_1_ct1	2005-12-11 01:07	24.2482	173.5623
P03_215_1_ct1	2005-12-11 09:00	24.2290	172.7662
P03_217_1_ct1	2005-12-11 17:05	24.2572	171.9500
P03_217_2_ct1	2005-12-20 22:23	24.2390	171.9455
P03_219_1_ct1	2005-12-21 06:19	24.2592	171.1763
P03_221_1_ct1	2005-12-21 14:43	24.2453	170.3540
P03_223_1_ct1	2005-12-21 22:55	24.2663	169.5138
P03_225_1_ct1	2005-12-22 06:47	24.2720	168.7735
P03_227_1_ct1	2005-12-22 14:52	24.2763	167.9780
P03_229_1_ct1	2005-12-22 22:36	24.2473	167.2587
P03_231_1_ct1	2005-12-23 06:30	24.2470	166.4832

Observation	Time and Date	Lat (°)	Lon (°)
P03_233_1_ct1	2005-12-23 14:45	24.2535	163.9787
P03_237_1_ct1	2005-12-24 07:24	24.2273	164.0473
P03_239_1_ct1	2005-12-24 15:31	24.2745	163.2885
P03_241_1_ct1	2005-12-25 00:07	24.2373	162.4408
P03_243_1_ct1	2005-12-25 07:30	24.2483	161.5920
P03_245_1_ct1	2005-12-25 14:09	24.2582	160.8330
P03_247_1_ct1	2005-12-25 21:39	24.2700	160.0642
P03_249_1_ct1	2005-12-26 05:21	24.2365	159.2508
P03_251_1_ct1	2005-12-26 12:45	24.2792	158.4485
P03_253_1_ct1	2005-12-26 20:30	24.2428	157.6680
P03_255_1_ct1	2005-12-27 04:24	24.2172	156.8385
P03_257_1_ct1	2005-12-27 12:06	24.2265	156.0697
P03_259_1_ct1	2005-12-27 20:18	24.2965	155.2132
P03_261_1_ct1	2005-12-28 03:41	24.1845	154.4392
P03_263_1_ct1	2005-12-28 11:27	24.2057	153.5582
P03_265_1_ct1	2005-12-28 18:51	24.2632	152.8148
P03_267_1_ct1	2005-12-29 02:08	24.2347	152.0452
P03_269_1_ct1	2005-12-29 09:28	24.2455	151.2458
P03_271_1_ct1	2005-12-29 16:58	24.2902	150.4632
P03_273_1_ct1	2005-12-30 00:02	24.2620	149.6548
P03_275_1_ct1	2005-12-30 11:20	24.2415	149.0160
P03_277_1_ct1	2005-12-30 17:58	24.2455	148.4337
P03_279_1_ct1	2005-12-31 00:23	24.2590	147.8375
P03_281_1_ct1	2006-01-01 20:23	24.2610	147.2460
P03_283_1_ct1	2006-01-02 03:05	24.2803	146.6602
P03_285_1_ct1	2006-01-02 10:00	24.2880	146.0515
P03_287_1_ct1	2006-01-02 17:10	24.2317	145.4627
P03_289_1_ct1	2006-01-03 00:23	24.2200	144.8342
P03_291_1_ct1	2006-01-03 07:06	24.2473	144.2338
P03_293_1_ct1	2006-01-03 13:42	24.2580	143.6280
P03_295_1_ct1	2006-01-03 19:45	24.2537	143.2252
P03_297_1_ct1	2006-01-04 00:26	24.2452	142.9410
P03_299_1_ct1	2006-01-04 05:00	24.2337	142.4455
P03_301_1_ct1	2006-01-04 09:43	24.2330	142.1018
P03_303_1_ct1	2006-01-04 13:39	24.2400	141.7533
P03_305_1_ct1	2006-01-04 17:28	24.2437	141.5590
P03_306_1_ct1	2006-01-04 20:38	24.2420	141.4058
P03_308_1_ct1	2006-01-04 23:45	24.2525	141.2007
P03_310_1_ct1	2006-01-05 03:25	24.2665	140.7927
P03_312_1_ct1	2006-01-05 08:29	24.2573	140.2695
P03_314_1_ct1	2006-01-05 15:43	24.2268	139.4148
P03_316_1_ct1	2006-01-05 23:07	24.2545	138.5633
P03_318_1_ct1	2006-01-06 06:21	24.2345	137.7972
P03_322_1_ct1	2006-01-06 23:47	24.2358	136.1902
P03_324_1_ct1	2006-01-07 06:07	24.2497	135.6028
P03_326_1_ct1	2006-01-07 12:34	24.2383	135.0228
P03_328_1_ct1	2006-01-07 18:48	24.2237	134.5150
P03_329_1_ct1	2006-01-08 01:02	24.2070	133.9853
P03_331_1_ct1	2006-01-08 07:42	24.2555	133.3502
P03_333_1_ct1	2006-01-08 13:22	24.2897	132.8225
P03_335_1_ct1	2006-01-10 10:51	24.2703	132.2070
P03_337_1_ct1	2006-01-10 15:37	24.2537	131.5962
P03_339_1_ct1	2006-01-10 20:13	24.2708	130.9690
P03_341_1_ct1	2006-01-11 01:59	24.2562	130.3702
P03_343_1_ct1	2006-01-11 07:59	24.2705	129.7852
P03_345_1_ct1	2006-01-11 13:28	24.2718	129.2903
P03_347_1_ct1	2006-01-11 18:53	24.2663	128.8958
P03_349_1_ct1	2006-01-12 01:26	24.2587	128.4077
P03_351_1_ct1	2006-01-12 07:34	24.5588	128.2282
P03_351_2_ct1	2006-01-15 00:38	24.5558	128.2272
P03_353_1_ct1	2006-01-14 17:51	24.8312	128.0153
P03_355_1_ct1	2006-01-14 11:36	24.9683	127.9023
P03_357_1_ct1	2006-01-14 05:38	25.0583	127.8163
P03_359_1_ct1	2006-01-14 00:57	25.1750	127.7557
P03_361_1_ct1	2006-01-13 20:44	25.3348	127.6240
P03_363_1_ct1	2006-01-13 17:20	25.4655	127.5120
P03_365_1_ct1	2006-01-13 13:25	25.6200	127.4077
P03_367_1_ct1	2006-01-13 10:21	25.7608	127.2908
P03_369_1_ct1	2006-01-13 08:00	25.9188	127.1940
P03_X09_1_ct1	2006-01-06 16:22	23.9870	136.9933
P03_X10_1_ct1	2005-12-30 05:37	24.5033	149.3132
P03_X13_1_ct1	2005-12-23 22:29	24.0462	164.9875
P03_X14_1_ct1	2005-12-08 17:29	23.9945	178.9962
WIFE_WC0_1_ct1	2005-12-16 09:47	12.7300	170.2223
WIFE_WC10_1_ct1	2005-12-19 00:55	16.5577	171.5358
WIFE_WC1_1_ct1	2005-12-16 15:24	12.7767	170.2430
WIFE_WC2_1_ct1	2005-12-16 21:52	13.2183	170.4090
WIFE_WC3_1_ct1	2005-12-17 04:15	13.6502	170.5705
WIFE_WC4_1_ct1	2005-12-17 11:03	14.1365	170.7477
WIFE_WC5_1_ct1	2005-12-17 17:39	14.5812	170.9173
WIFE_WC6_1_ct1	2005-12-18 00:25	15.0522	171.0717
WIFE_WC7_1_ct1	2005-12-18 06:56	15.5290	171.2440

Observation	Time and Date	Lat. [°]	Lon. [°]
WIFE_WC8_1_ct1	2005-12-18 13:40	15.9677	171.4127
WIFE_WC9_1_ct1	2005-12-18 20:03	16.4483	171.5492

Related Information



MIRAI MR05-05 Leg2 Cruise Track

MR05-05 Leg2
Ship Name: MIRAI
Period: 2005-11-27 - 2006-01-17
Chief Scientist: Ikuo Kaneko (JAMSTEC)/Akihiko Murata (JAMSTEC)
Project Name: [POST-WOCE Hydrography]

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Update History

2017-04-11	An observation data was registered.
2014-07-26	An observation data was registered.
2012-11-25	An observation data was registered.

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Information of the Ships

- NATSUSHIMA
- KAIYO
- YOKOSUKA
- MIRAI
- KAIREI
- CHIKYU
- KAIMEI
- SHINSEI MARU
- HAKUHO MARU

Information of the Submersibles

- KAIKO
- SHINKAI 2000
- SHINKAI 6500
- DEEP TOW
- HYPER-DOLPHIN
- URASHIMA
- YOKOSUKA DEEP TOW
- 6K Camera DEEP TOW
- 6K Sonar DEEP TOW
- KM-ROV
- POWER GRAB SAMPLER (SHELL)
- POWER GRAB SAMPLER (CLOW)
- BMS

Go to a Cruise Information

Cruise ID:

Go to a Dive Information

Dive ID:

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