

MIRAI MR04-08 Leg1 Radiosonde

Last Modified: 2014-07-11

ReadMe Observation Data Data Format

Cruise ID: [MR04-08 Leg1](#)

Radiosonde: Processed (DMO)-Corrected

Data Policy: [JAMSTEC](#)

Observation Items: Atmospheric pressure, Air temperature, Dew point temperature, Relative humidity, Wind speed (zonal, meridional), Height

Science Keywords:

ATMOSPHERE > ATMOSPHERIC WATER VAPOR > DEW POINT TEMPERATURE
ATMOSPHERE > ATMOSPHERIC WATER VAPOR > HUMIDITY
ATMOSPHERE > ATMOSPHERIC TEMPERATURE > TEMPERATURE PROFILES
ATMOSPHERE > ATMOSPHERIC WINDS > UPPER LEVEL WINDS
ATMOSPHERE > ATMOSPHERIC WINDS > WIND PROFILES

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR04-08_leg1_all.pdf

For Using Data

Principal Investigator

Data Management Office

Use Constraints

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

Data Citation

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

Instrument

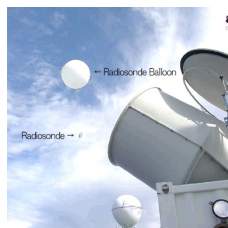
Instrument:

Radiosonde (MR11-03 - MR15-E01 Leg3)



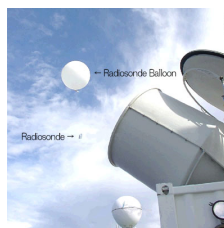
Instrument:

Radiosonde (MR04-03 Leg1 - MR11-02)



Instrument:

Radiosonde (- MR04-02)



Overview

Correction method

- Data observed by RS80 sensors

- Correction of ship body warming

Temperature and dew point temperature data near the surface (4.5 hPa from ship deck) were corrected by linear extrapolation using upper layer data, since these data were affected by ship body warming (cooling) at daytime (nighttime). Details for data processing and correction can be found in [Yoneyama et al. \(2002\)](#).

- Data observed by RS92 sensors

- Correction of ship body warming

Same as above

- Correction of Dry Bias

Humidity data observed by RS92 sensors contain dry bias mainly due to solar radiation error in daytime. We have corrected the humidity data observed by RS92 sensors using [Yoneyama et al.\(2008\)](#). method. RS92 sensors have been used since MR04-03 cruise.

Note

Information about each radiosonde data are listed in the following table. It contains corrected sounding data, launch time, position, sensor information and calibration results for atmospheric pressure, air temperature and relative humidity. Calibration is conducted for every sensor prior to launch. Therefore, even raw data take in this calibration result. If the calibration result shows the positive value, it means that the calibrator showed the higher value than that of the sonde sensor. Filename of corrected data shows a sounding time (YYMMDDHH.***, where YY=year, MM=month, DD=day, and HH=hour) in UTC.

Data file	Launch time (UTC)		Launch station		Sensor information		Calibration result				Note
	Date	Time	Latitude	Longitude	Serial No.	Age	Atmospheric pressure[hPa]	Air temperature[deg-C]	Relative humidity1[%]	Relative humidity2[%]	
04121306.dat	2004/12/13	05:30	8.01N	144.86E	Z1317164	265	0.38	-0.44	0.04	0.03	
04121400.dat	2004/12/13	23:30	7.91N	140.25E	Z4047041	74	0.08	-0.15	0.13	0.12	
04121403.dat	2004/12/14	02:30	7.94N	139.60E	Z4047037	74	-0.18	-0.19	0.07	0.08	
04121406.dat	2004/12/14	05:30	7.95N	139.06E	Z4047035	74	0.01	-0.11	0.08	0.07	
04121409.dat	2004/12/14	08:30	8.02N	138.32E	Z4047043	74	-0.46	-0.25	0.14	0.14	Rain
04121412.dat	2004/12/14	11:30	8.06N	137.62E	Z4047036	74	-0.01	-0.15	0.06	0.07	
04121415.dat	2004/12/14	14:30	8.08N	136.86E	Z4037158	76	0.21	-0.11	-0.16	-0.15	
04121418.dat	2004/12/14	17:30	8.14N	136.11E	Z4037163	76	0.06	-0.10	-0.13	-0.14	
04121421.dat	2004/12/14	20:30	8.16N	135.34E	Z4047039	75	0.04	-0.15	-0.06	-0.05	
04121500.dat	2004/12/14	23:30	8.09N	134.61E	Z4037131	76	0.17	-0.10	-0.87	-0.89	
04121503.dat	2004/12/15	02:30	7.71N	134.06E	Z4037182	76	0.06	-0.03	-0.31	-0.31	
04121506.dat	2004/12/15	05:30	7.57N	133.99E	Z4037160	76	0.01	-0.08	-0.25	-0.23	

	Launch time (UTC)	Latitude	Longitude	Altitude (km)	Sensor ID	Pressure (hPa)	Temperature (deg-C)	Humidity (%)	Wind Speed (m/s)	Notes
04121509.dat	2004/12/15 08:30	7.60N	133.00E	133.00E	Z4314015	57	0.16	-0.17	Calibration	Result: -0.33
04121512.dat	2004/12/15 11:30	7.29N	133.91E	133.91E	Z4314005	58	0.05	-0.12	Air	-0.33
04121515.dat	2004/12/15 17:30	7.28N	133.91E	133.91E	Z4037132	77	-0.36	-0.14	Atmospheric pressure	Relative humidity1[%]
04121521.dat	2004/12/15 20:30	7.30N	133.90E	133.90E	Z4314029	58	0.03	-0.15	Temperature	Relative humidity2[%]
04121600.dat	2004/12/15 23:30	7.29N	133.90E	133.90E	Z4314001	58	0.21	-0.17	deg-C]	-1.30
04121603.dat	2004/12/16 02:30	7.28N	133.90E	133.90E	Z4314003	58	0.02	-0.20		-0.84
04121606.dat	2004/12/16 05:30	7.28N	133.90E	133.90E	Z4314008	58	0.08	-0.12		-0.91
04121609.dat	2004/12/16 08:30	7.30N	133.90E	133.90E	Z4314027	58	-0.15	-0.13		-0.87
04121612.dat	2004/12/16 11:30	7.30N	133.99E	133.99E	Z4314014	58	0.15	-0.13		-1.01
04121615.dat	2004/12/16 14:30	7.30N	134.00E	134.00E	Z4314004	59	0.32	-0.19		-0.95
04121618.dat	2004/12/16 17:30	7.31N	134.00E	134.00E	Z4314024	59	0.13	-0.18		-1.21
04121621.dat	2004/12/16 20:30	7.29N	133.99E	133.99E	Z4047051	77	0.01	-0.17		-1.17
04121700.dat	2004/12/16 23:30	7.31N	134.00E	134.00E	Z4037147	78	-0.24	-1.80		-0.90
04121703.dat	2004/12/17 02:30	7.31N	133.98E	133.98E	Z4314017	59	0.19	-0.12		-0.60
04121706.dat	2004/12/17 05:30	7.33N	134.03E	134.03E	Z4314023	59	0.16	-0.23		-0.57
04121709.dat	2004/12/17 08:30	7.30N	134.00E	134.00E	Z4047047	77	-0.04	-0.17		-0.74
04121712.dat	2004/12/17 11:30	7.29N	134.00E	134.00E	Z4047046	78	0.12	-0.15		-0.85
04121715.dat	2004/12/17 14:30	7.30N	134.00E	134.00E	Z4037130	79	-0.05	-0.10		-0.78
04121718.dat	2004/12/17 17:30	7.29N	134.00E	134.00E	Z4047059	78	0.19	-0.14		-0.77
04121721.dat	2004/12/17 20:30	7.29N	134.00E	134.00E	Z4037157	79	-0.04	-0.12		-0.75
04121800.dat	2004/12/17 23:30	7.29N	134.00E	134.00E	Z4047049	78	0.02	-0.14		-0.83
04121803.dat	2004/12/18 02:30	7.25N	133.94E	133.94E	Z4047048	78	-0.14	-0.14		-0.82
04121806.dat	2004/12/18 05:30	7.23N	134.01E	134.01E	Z4037148	79	-0.07	-0.16		-0.93
04121809.dat	2004/12/18 08:30	7.30N	134.00E	134.00E	Z4037153	79	0.27	-0.14		-0.57
04121812.dat	2004/12/18 11:30	7.30N	134.00E	134.00E	Z4047052	78	0.21	-0.18		-0.55
04121815.dat	2004/12/18 14:30	7.29N	134.00E	134.00E	Z4037146	80	-0.02	-0.13		-0.54
04121818.dat	2004/12/18 17:30	7.30N	134.00E	134.00E	Z4047055	79	0.11	0.20		-0.68
04121821.dat	2004/12/18 20:30	7.29N	133.99E	133.99E	Z4037179	80	-0.11	-0.18		-0.70
04121900.dat	2004/12/18 23:30	7.30N	133.99E	133.99E	Z4037161	80	0.05	-0.12		-0.69
04121903.dat	2004/12/19 02:30	7.24N	134.01E	134.01E	Z4047034	79	-0.04	-0.18		-0.72
04121906.dat	2004/12/19 05:30	7.27N	133.84E	133.84E	Z4037180	80	-0.16	-0.10		-0.71
04121909.dat	2004/12/19 08:30	7.21N	134.01E	134.01E	Z4037178	80	-0.35	-0.14		-0.73
04121912.dat	2004/12/19 11:30	7.32N	133.99E	133.99E	Z4314026	62	0.24	-0.17		-0.77
04121915.dat	2004/12/19 14:30	7.29N	134.00E	134.00E	Z4314030	62	0.09	-0.21		-0.80
04121918.dat	2004/12/19 17:30	7.30N	134.00E	134.00E	Z4037149	81	-0.17	-0.04		-0.81
04121921.dat	2004/12/19 20:30	7.31N	134.00E	134.00E	Z4314020	62	0.27	-0.26		-0.72
04122000.dat	2004/12/19 23:30	7.31N	133.99E	133.99E	Z4314009	62	0.05	-0.19		-0.71
04122003.dat	2004/12/20 02:30	7.31N	133.99E	133.99E	Z4314010	62	0.13	-0.17		-0.77
04122006.dat	2004/12/20 05:30	7.29N	133.99E	133.99E	Z4314002	62	0.09	-0.07		-0.80
04122009.dat	2004/12/20 08:30	7.30N	134.00E	134.00E	Z4314022	62	0.16	-0.27		-0.76
04122012.dat	2004/12/20 11:30	7.30N	134.00E	134.00E	Z4314013	62	0.01	-0.27		-0.83
04122015.dat	2004/12/20 14:30	7.30N	134.00E	134.00E	Z4314006	63	0.31	-0.19		-0.79
04122018.dat	2004/12/20 17:30	7.30N	134.00E	134.00E	Z4047060	81	0.02	-0.12		-0.82
04122021.dat	2004/12/20 20:30	7.31N	134.00E	134.00E	Z4037135	82	-0.26	-0.14		-0.81
04122100.dat	2004/12/20 23:30	7.31N	133.99E	133.99E	Z4037134	82	-0.33	-0.13		0.01
04122103.dat	2004/12/21 02:30	7.32N	133.99E	133.99E	Z4047061	81	0.04	-0.12		0.07
04122106.dat	2004/12/21 05:30	7.31N	133.99E	133.99E	Z4047045	81	-0.39	-0.13		0.11
04122109.dat	2004/12/21 08:30	7.30N	134.00E	134.00E	Z4047062	81	0.08	-0.04		0.09
04122112.dat	2004/12/21 11:30	7.31N	134.01E	134.01E	Z3837168	96	0.20	-0.14		0.07
04122115.dat	2004/12/21 14:30	7.31N	134.00E	134.00E	Z4047053	82	0.18	-0.18		0.06
04122118.dat	2004/12/21 17:30	7.30N	134.00E	134.00E	Z4047063	82	0.18	-0.04		-0.07
04122121.dat	2004/12/21 20:30	7.31N	134.00E	134.00E	Z4047058	82	0.03	-0.11		0.15
04122200.dat	2004/12/21 23:30	7.31N	134.00E	134.00E	Z4037145	83	0.02	-0.08		0.07
04122203.dat	2004/12/22 02:30	7.32N	134.01E	134.01E	Z4047042	82	-0.06	-0.15		0.05
04122206.dat	2004/12/22 05:30	7.31N	134.00E	134.00E	Z4047050	82	0.00	-0.14		0.05
04122209.dat	2004/12/22 08:30	7.30N	134.00E	134.00E	Z4047064	82	0.08	-0.05		0.05
04122212.dat	2004/12/22 11:30	7.30N	134.00E	134.00E	Z3937070	90	0.37	-0.05		0.09
04122215.dat	2004/12/22 14:30	7.30N	133.99E	133.99E	Z3937067	91	0.54	-0.05		0.05
04122218.dat	2004/12/22 17:30	7.30N	134.00E	134.00E	Z4037129	84	0.06	-0.07		0.02
04122221.dat	2004/12/22 20:30	7.32N	134.00E	134.00E	Z3937069	91	0.34	-0.06		0.10
04122300.dat	2004/12/22 23:30	7.30N	134.01E	134.01E	Z4047056	83	0.20	-0.05		0.07
04122303.dat	2004/12/23 02:30	7.30N	134.00E	134.00E	Z3947081	90	0.25	-0.17		0.09
04122306.dat	2004/12/23 05:30	7.43N	134.00E	134.00E	Z3947067	90	0.14	-0.15		0.20
04122309.dat	2004/12/23 08:30	7.64N	133.90E	133.90E	Z3937076	91	0.31	-0.14		0.09
04122312.dat	2004/12/23 11:30	7.50N	134.00E	134.00E	Z3937086	92	0.07	-0.14		0.10
04122315.dat	2004/12/23 14:30	7.50N	134.00E	134.00E	Z3947078	91	0.14	-0.08		0.07
04122318.dat	2004/12/23 17:30	7.50N	134.00E	134.00E	Z3937065	92	0.30	-0.08		0.12
04122321.dat	2004/12/23 20:30	7.50N	134.00E	134.00E	Z3937073	92	0.46	-0.08		0.03
04122400.dat	2004/12/23 23:30	7.51N	134.02E	134.02E	Z3937079	92	0.38	-0.10		0.17
04122403.dat	2004/12/24 02:30	7.50N	134.01E	134.01E	Z3937087	92	0.32	-0.14		0.23
04122406.dat	2004/12/24 05:30	7.47N	134.04E	134.04E	Z3937075	92	0.33	-0.17		0.21

04122409.dat	2004/12/24 08:30	7.50N	134.00E	Z3937083	92	0.34	-0.11	0.21	0.19	
04122412.dat	2004/12/24 11:30	7.50N	134.00E	Z3937083	92	0.44	-0.13	0.11	0.13	
04122419.dat	2004/12/24 14:30	7.50N	134.00E	Z3937074	93	0.41	-0.12	0.23	0.22	Note
04122418.dat	2004/12/24 20:30	7.51N	134.01E	Z3947077	92	0.27	-0.13	0.06	0.08	
04122421.dat	2004/12/24 20:30	7.51N	134.01E	Z3947077	92	0.45	-0.13	0.22	0.67	
04122500.dat	2004/12/24 23:30	7.38N	134.05E	Z3947066	92	0.29	-0.12	0.18	0.19	
04122503.dat	2004/12/25 02:30	7.31N	134.01E	Z3947082	92	0.04	-0.16	0.22	0.24	
04122506.dat	2004/12/25 05:30	7.26N	134.08E	Z3947075	92	0.22	-0.15	0.18	0.21	
04122509.dat	2004/12/25 08:30	7.45N	134.09E	Z3947074	92	0.06	-0.11	0.74	0.21	
04122512.dat	2004/12/25 11:30	7.23N	134.09E	Z3947076	92	-0.83	-0.17	0.17	0.19	
04122515.dat	2004/12/25 14:30	7.30N	134.01E	Z3947045	93	0.11	-0.16	0.08	0.12	
04122518.dat	2004/12/25 17:30	7.30N	134.00E	Z3947060	93	0.14	-0.92	0.01	-0.08	Rain
04122521.dat	2004/12/25 20:30	7.31N	134.01E	Z3937081	94	0.45	-0.12	0.07	0.12	
04122600.dat	2004/12/25 23:30	7.31N	134.01E	Z3937080	94	0.53	-0.08	0.09	0.13	
04122603.dat	2004/12/26 02:30	7.30N	134.01E	Z3937078	94	0.43	-0.18	0.15	0.19	
04122606.dat	2004/12/26 05:30	7.31N	134.01E	Z3947062	93	0.09	0.00	0.06	-0.02	
04122609.dat	2004/12/26 08:30	7.50N	134.00E	Z3947048	93	0.11	-0.21	0.03	0.05	
04122612.dat	2004/12/26 11:30	7.50N	134.00E	Z3947021	94	-0.07	-0.15	0.08	0.08	
04122615.dat	2004/12/26 14:30	7.50N	134.01E	Z3947019	94	-0.04	-0.16	0.09	0.08	
04122618.dat	2004/12/26 17:30	7.35N	134.02E	Z3947029	94	0.02	-0.13	0.11	0.11	
04122621.dat	2004/12/26 20:30	7.52N	134.00E	Z3947020	94	0.10	-0.15	0.12	0.13	
04122700.dat	2004/12/26 23:30	7.56N	133.90E	Z3947001	94	0.06	-0.12	0.07	0.09	
04122703.dat	2004/12/27 02:30	7.50N	133.99E	Z3947014	94	-0.14	-0.02	0.08	0.10	
04122706.dat	2004/12/27 05:30	7.50N	134.00E	Z3947018	94	-0.01	-0.18	0.11	0.12	
04122709.dat	2004/12/27 08:30	7.50N	134.00E	Z4314025	69	0.03	-0.15	-0.07	-0.05	
04122712.dat	2004/12/27 11:30	7.50N	134.00E	Z4037152	88	-0.21	-0.13	0.03	0.04	
04122715.dat	2004/12/27 14:30	7.34N	134.03E	Z4037133	89	-0.23	-0.09	0.04	0.02	
04122718.dat	2004/12/27 17:30	7.08N	134.01E	Z4037150	89	0.03	-0.13	0.13	0.12	
04122721.dat	2004/12/27 20:30	7.50N	134.00E	Z4037155	89	-0.15	-0.13	0.00	0.68	
04122800.dat	2004/12/27 23:30	7.38N	134.04E	Z4047054	88	0.19	-0.06	0.06	0.06	
04122803.dat	2004/12/28 02:30	7.38N	134.08E	Z4037151	89	-0.07	-0.10	0.03	0.03	
04122806.dat	2004/12/28 05:30	7.49N	134.06E	Z3947016	95	0.09	-0.16	0.10	0.09	
04122809.dat	2004/12/28 08:30	7.50N	134.00E	Z4037191	89	0.05	-0.05	0.04	0.09	
04122812.dat	2004/12/28 11:30	7.50N	134.00E	Z4037192	90	0.07	0.00	-0.02	0.01	
04122815.dat	2004/12/28 14:30	7.50N	134.01E	Z4037185	90	0.06	-0.10	0.04	0.05	
04122818.dat	2004/12/28 17:30	7.50N	134.00E	Z3947022	96	-0.09	-0.18	0.12	0.10	
04122821.dat	2004/12/28 20:30	7.51N	134.01E	Z3947024	96	0.03	-0.14	0.16	0.15	
04122900.dat	2004/12/28 23:30	7.50N	134.00E	Z4037189	90	-0.17	-0.13	0.02	0.03	
04122903.dat	2004/12/29 02:30	7.56N	134.07E	Z4037188	90	-0.01	-0.22	0.09	0.12	
04122906.dat	2004/12/29 05:30	7.50N	134.00E	Z4037186	90	-0.07	-0.11	0.06	0.09	
04122909.dat	2004/12/29 08:30	7.59N	134.17E	Z4037184	90	-0.20	-0.07	0.06	0.07	
04122912.dat	2004/12/29 11:30	7.50N	134.01E	Z3947039	96	-0.07	-0.14	0.11	0.10	
04122915.dat	2004/12/29 14:30	7.51N	134.00E	Z3947034	97	0.16	-0.14	0.07	0.05	
04122918.dat	2004/12/29 17:30	7.51N	134.00E	Z3947057	97	-0.01	-0.09	0.02	0.04	
04122921.dat	2004/12/29 20:30	7.52N	134.01E	Z3947058	97	-0.13	-0.11	0.03	0.06	
04123000.dat	2004/12/29 23:30	7.51N	134.02E	Z3947059	97	-0.21	-0.08	0.00	0.01	
04123003.dat	2004/12/30 02:30	7.50N	134.00E	Z3947038	97	0.19	-0.16	0.13	0.13	
04123006.dat	2004/12/30 05:30	7.51N	134.02E	Z3947037	97	0.12	-0.16	0.08	0.10	
04123009.dat	2004/12/30 08:30	7.52N	134.03E	Z3947036	97	-0.11	-0.19	0.04	0.07	
04123012.dat	2004/12/30 11:30	7.52N	134.03E	Z3757026	110	0.22	-0.05	-0.02	0.01	
04123015.dat	2004/12/30 14:30	7.48N	134.05E	Z3947031	98	-0.04	-0.12	0.09	0.09	Rain
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04123100.dat	2004/12/30 23:30	7.78N	134.00E	Z3947068	98	0.00	-0.12	0.13	0.11	
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04123106.dat	2004/12/31 05:30	7.79N	133.96E	Z3947004	98	-0.58	-0.32	0.27	0.26	
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Reference

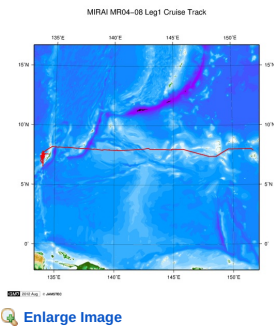
- K. Yoneyama, M.Hanyu, S.Sueyoshi, F.Yoshiura, and M.Katsumata, 2002:Radiosonde observation from the ship in the tropical region.[\[PDF:400kbyte\]](#) JAMSTECR, Vol.45, 31-39.
- K. Yoneyama, M.fujita, N.Sato, M.Fujiwara, Y.Inai, and F.Hasebe, 2008:Correction for Radiation Dry Bias Found in RS92 Radiosonde Data during the MISMO Field Experiment.[\[PDF:400kbyte\]](#) SOLA, Vol.4, 13-16.

Others

- Main processor: DigiCORAll. MW21(from 2004 Jul. to 2011 Mar.) [VAISALA, Finland]
- Radiosonde Sensor: RS92-SGP, RS80-15GH, RS80-15G [VAISALA, Finland]
 - * The observations which using the RS80 sensors were mentioned in the "Note" of data page (other observations were performed using the RS92 sensors).
- Launcher Location: 22m (from base line)

Note

Related Information



MR04-08 Leg1

Ship Name: MIRAI
Period: 2004-12-11 - 2005-01-11
Chief Scientist: Kunio Yoneyama (JAMSTEC)
Project Name: [MJO Research]

Update History

2014-07-11	An observation data was registerd.
2014-06-13	An observation data was registerd.
2012-11-25	An observation data was registerd.

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[6K Sonar DEEP TOW](#)
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[POWER GRAB SAMPLER \(CLOW\)](#)
[BMS](#)

Go to a Cruise Information

Cruise ID:

Go to a Dive Information

Dive ID:



MIRAI MR04-08 Leg1 Radiosonde

Last Modified: 2014-07-11

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

Cruise ID: [MR04-08 Leg1](#)

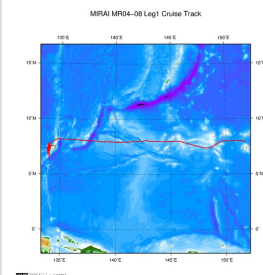
Radiosonde: Processed (DMO)-Corrected

Data Policy: [JAMSTEC](#)

Radiosonde Corrected

No.	Column	Description	Format	Unit	Remarks
1	3 - 8	Atmospheric pressure	f6.1	hPa	
2	10 - 15	Air temperature	f6.1	deg-C	'9999.0' is missing value.
3	17 - 22	Dew point temperature	f6.1	deg-C	'9999.0' is missing value.
4	24 - 27	Relative humidity	i4	%	'9999' is missing value.
5	29 - 34	Wind speed (zonal)	f6.1	m/sec	'9999.0' is missing value.
6	36 - 41	Wind speed (meridional)	f6.1	m/sec	'9999.0' is missing value.
7	44 - 48	Height (from sea level)	i5	m	'99999' is missing value.
8	49 - 50	Terminator	a2		CR+LF

Related Information



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MR04-08 Leg1

Ship Name: MIRAI
Period: 2004-12-11 - 2005-01-11
Chief Scientist: Kunio Yoneyama (JAMSTEC)
Project Name: [MJO Research]

Update History

2014-07-11	An observation data was registerd.
2014-06-13	An observation data was registerd.
2012-11-25	An observation data was registerd.

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[SHINKAI 6500](#)
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[HYPER-DOLPHIN](#)
[URASHIMA](#)
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[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:

MIRAI MR04-08 Leg1 Radiosonde

Last Modified: 2014-07-11

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

Cruise ID: [MR04-08 Leg1](#)

Radiosonde: Processed (DMO)-Corrected

Data Policy: [JAMSTEC](#)

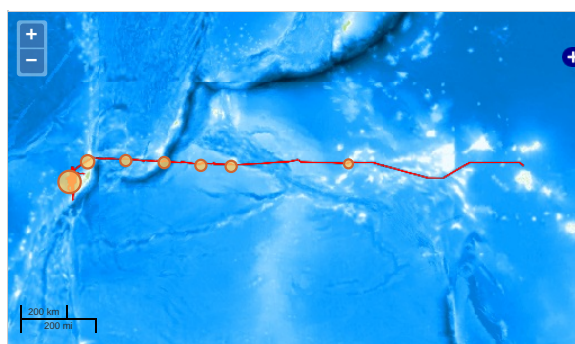
Observation Items: Atmospheric pressure, Air temperature, Dew point temperature, Relative humidity, Wind speed (zonal, meridional), Height

Science Keywords:

ATMOSPHERE > ATMOSPHERIC WATER VAPOR > DEW POINT TEMPERATURE
ATMOSPHERE > ATMOSPHERIC WATER VAPOR > HUMIDITY
ATMOSPHERE > ATMOSPHERIC TEMPERATURE > TEMPERATURE PROFILES
ATMOSPHERE > ATMOSPHERIC WINDS > UPPER LEVEL WINDS
ATMOSPHERE > ATMOSPHERIC WINDS > WIND PROFILES

Observation Map

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



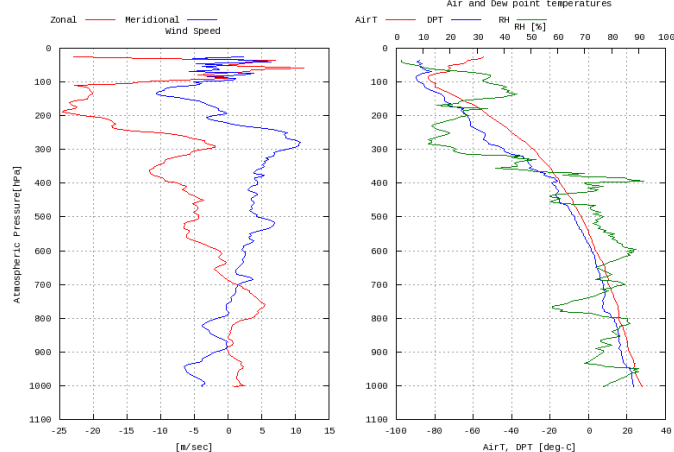
— ... Observation Line — ... Navigation ● ... Observation, Dive Point, Hole

Imagery reproduced from ...

Figures

04121306

MR04-08 Leg1: 04121306
Radiosonde



Data List

☐ File names

☐ 04121306.dat

☐ 04121400.dat

☐ 04121403.dat

☐ 04121406.dat

☐ 04121409.dat

☐ 04121412.dat

☐ 04121415.dat

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☐ 04121506.dat

☐ 04121509.dat

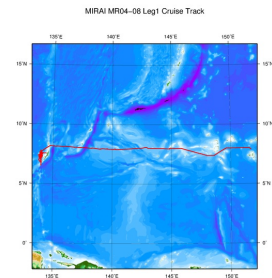
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Related Information



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MR04-08 Leg1
Ship Name: MIRAI
Period: 2004-12-11 - 2005-01-11
Chief Scientist: Kunio Yoneyama (JAMSTEC)
Project Name: [MJO Research]

Update History

2014-07-11	An observation data was registerd.
2014-06-13	An observation data was registerd.
2012-11-25	An observation data was registerd.

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Lists
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Amount of Public Info.

Information of the Ships
NATSUSHIMA
KAIYO
YOKOSUKA

Information of the Submersibles
KAIKO
SHINKAI 2000

Go to a Cruise Information

Cruise ID:

Samples
Data Policy

What's New
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Data
Map Search
Data Tree
Detailed Search

MIRAI
KAIREI
CHIKYU
KAIMEI
SHINSEI MARU
HAKUHO MARU

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)
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