MIRAI MR10-03 Leg2 Radiosonde

Last Modified: 2014-07-11

ReadMe | Observation Data | Data Format

Cruise ID: MR10-03 Leg2
Radiosonde: Processed (DMO)-Corrected
Data Policy: JAMSTEC
Observation Items: Air temperature, Dew point temperature, Relative humidity, Wind speed (zonal), Wind speed (meridional)
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/MR10-03_leg1-2_all.pdf

For Using Data

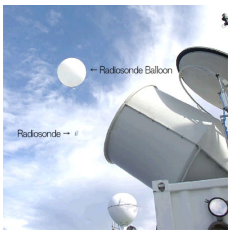
Principal Investigator
Data Management Office

Use Constraints
See Terms and Conditions about constrain of use.

Data Citation
See Terms and Conditions about data citation.

Instrument

Instrument:
Radiosonde (MR04-03 Leg1 - MR11-02)



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 atomospheric 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	Atomospheric pressure[hPa]	Air temperature[deg-C]	Relative humidity1[%]	Relative humidity2[%]	
10051400.dat	2010/05/13	23:30	6.00N	133.50E	E5340069	133	0.37	-0.04	-0.22	-0.21	
10051406.dat	2010/05/14	05:30	5.00N	133.50E	E5340083	133	0.19	-0.10	-0.02	-0.03	
10051412.dat	2010/05/14	11:30	5.02N	134.75E	F0110366	3792	0.34	-0.13	-0.01	0.00	
10051418.dat	2010/05/14	17:30	5.02N	136.21E	F0110382	3793	0.46	-0.10	-0.16	-0.15	
10051500.dat	2010/05/14	23:30	5.00N	137.62E	F0110355	3793	0.23	-0.20	0.05	0.03	
10051506.dat	2010/05/15	05:30	5.01N	138.96E	E5340086	134	0.25	-0.14	-0.14	-0.12	
10051509.dat	2010/05/15	08:30	5.02N	139.50E	F0110365	3793	0.61	-0.18	-0.05	-0.06	
10051512.dat	2010/05/15	11:30	5.01N	139.50E	F0110378	3794	0.43	-0.14	-0.14	-0.12	
10051515.dat	2010/05/15	14:30	4.99N	139.51E	E5340072	135	0.05	-0.14	-0.05	-0.01	
10051518.dat	2010/05/15	17:30	5.01N	139.50E	E5340084	135	0.36	-0.15	-0.02	-0.04	
10051521.dat	2010/05/15	20:30	5.00N	139.51E	F0110363	3794	0.16	-0.20	-0.03	-0.04	
10051600.dat	2010/05/15	23:30	5.00N	139.50E	F0110380	3794	0.08	-0.10	-0.15	-0.10	

Data file	Launch time (UTC)		Launch station		Sensor information		Calibration result				Note
	Date	Time	Latitude	Longitude	Serial No.	Age	Atomospheric pressure[hPa]	Air temperature[deg-C]	Relative humidity1[%]	Relative humidity2[%]	
10051603.dat	2010/05/16	02:30	5.04N	139.51E	E5340068	135	-0.02	-0.38	-0.12	0.06	
10051606.dat	2010/05/16	05:30	5.01N	139.51E	E5340070	135	0.10	-0.21	-0.10	-0.12	
10051609.dat	2010/05/16	08:30	5.03N	139.50E	F0110883	3794	0.74	-0.14	-0.13	-0.21	
10051612.dat	2010/05/16	11:30	5.01N	139.52E	E5340095	136	-0.01	-0.15	-0.25	-0.16	
10051615.dat	2010/05/16	14:30	5.00N	139.50E	E5321526	138	0.10	-0.09	-0.04	-0.07	
10051618.dat	2010/05/16	17:30	5.00N	139.51E	E5321512	138	-0.01	-0.20	-0.04	-0.04	
10051621.dat	2010/05/16	20:30	5.00N	139.50E	E5321529	138	0.13	-0.14	-0.25	-0.19	
10051700.dat	2010/05/16	23:30	5.00N	139.50E	E5321532	138	0.13	-0.23	-0.20	-0.24	
10051703.dat	2010/05/17	02:30	5.00N	139.51E	E5330778	137	0.14	-0.17	-0.03	-0.03	
10051706.dat	2010/05/17	05:30	5.00N	139.50E	E5321531	138	0.10	-0.17	-0.17	-0.12	
10051709.dat	2010/05/17	08:30	5.00N	139.50E	E5321516	138	-0.05	-0.14	-0.06	-0.08	
10051712.dat	2010/05/17	11:30	4.99N	139.51E	E5321510	138	-0.12	-0.17	-0.03	-0.07	
10051715.dat	2010/05/17	14:30	5.00N	139.51E	E5321535	139	0.10	-0.09	-0.09	-0.08	
10051718.dat	2010/05/17	17:30	5.02N	139.52E	E5321483	139	0.56	-0.22	-0.06	-0.11	
10051721.dat	2010/05/17	20:30	5.01N	139.51E	E5321508	139	-0.09	-0.19	-0.08	-0.07	
10051800.dat	2010/05/17	23:30	5.00N	139.50E	E5321481	139	-0.08	-0.21	-0.08	-0.14	
10051803.dat	2010/05/18	02:30	5.01N	139.51E	E5321527	139	0.25	-0.18	-0.03	-0.03	
10051806.dat	2010/05/18	05:30	5.01N	139.51E	E5321663	139	0.07	-0.21	-0.16	-0.14	
10051809.dat	2010/05/18	08:30	5.01N	139.50E	E5321505	139	-0.04	-0.20	-0.13	-0.15	
10051812.dat	2010/05/18	11:30	5.00N	139.52E	E5321520	140	-0.03	-0.19	-0.08	-0.08	
10051815.dat	2010/05/18	14:30	5.00N	139.50E	E5341001	138	0.44	-0.17	-0.04	-0.05	
10051818.dat	2010/05/18	17:30	5.00N	139.51E	E5341009	138	0.14	-0.18	-0.12	-0.14	
10051821.dat	2010/05/18	20:30	5.00N	139.51E	E5321482	140	0.23	-0.19	-0.03	-0.07	
10051900.dat	2010/05/18	23:30	5.02N	139.50E	E5321530	140	-0.01	-0.15	-0.11	-0.10	
10051903.dat	2010/05/19	02:30	5.01N	139.50E	E5321519	140	-0.19	-0.17	-0.07	-0.11	
10051906.dat	2010/05/19	05:30	5.01N	139.51E	E5321507	140	0.08	-0.30	0.06	0.03	
10051909.dat	2010/05/19	08:30	5.01N	139.51E	E5321509	140	0.34	-0.15	-0.08	-0.10	
10051912.dat	2010/05/19	11:30	5.01N	139.51E	E5321517	140	0.06	-0.21	-0.17	-0.12	
10051915.dat	2010/05/19	14:30	5.00N	139.50E	E5340978	139	0.26	-0.12	-0.04	-0.04	
10051918.dat	2010/05/19	17:30	5.01N	139.52E	E5341012	139	0.26	-0.12	-0.04	-0.04	
10051921.dat	2010/05/19	20:30	5.01N	139.51E	E5340980	139	0.21	-0.16	-0.06	-0.05	
10052000.dat	2010/05/19	23:30	5.00N	139.50E	E5340995	139	0.34	-0.30	-0.13	-0.12	Rain
10052003.dat	2010/05/20	02:30	5.01N	139.50E	E5340994	139	0.00	-0.20	-0.15	-0.16	
10052006.dat	2010/05/20	05:30	5.02N	139.51E	E5340961	139	0.12	-0.18	-0.19	-0.01	
10052009.dat	2010/05/20	08:30	5.01N	139.51E	F0111476	3798	0.19	-0.09	-0.14	-0.15	
10052012.dat	2010/05/20	11:30	5.00N	139.51E	F0111474	3798	0.37	-0.21	-0.14	-0.14	Rain
10052015.dat	2010/05/20	14:30	5.01N	139.51E	E5340968	140	0.36	-0.14	-0.65	-0.70	
10052018.dat	2010/05/20	17:30	5.02N	139.50E	F0111475	3799	0.13	-0.13	0.00	-0.02	Rain
10052021.dat	2010/05/20	20:30	5.01N	139.50E	E5340970	140	0.27	-0.15	-0.01	-0.06	Rain
10052100.dat	2010/05/20	23:30	5.01N	139.51E	F0110256	3799	0.34	-0.09	-0.04	-0.05	
10052103.dat	2010/05/21	02:30	5.01N	139.51E	E5340963	140	0.03	-0.22	-0.10	-0.01	
10052106.dat	2010/05/21	05:30	5.01N	139.52E	F0110900	3799	0.52	-0.17	0.07	0.08	
10052109.dat	2010/05/21	08:30	5.00N	139.51E	E5340975	140	-0.12	-0.09	-0.09	-0.08	
10052112.dat	2010/05/21	11:30	4.99N	139.52E	F0110902	3800	0.25	-0.09	0.01	-0.01	
10052115.dat	2010/05/21	14:30	4.99N	139.50E	E5310393	144	-0.04	-0.16	-0.04	-0.06	
10052118.dat	2010/05/21	17:30	5.00N	139.52E	E5310785	144	0.14	-0.12	-0.02	-0.08	Rain
10052121.dat	2010/05/21	20:30	5.00N	139.50E	E5310759	144	0.21	-0.16	-0.12	-0.07	
10052200.dat	2010/05/21	23:30	5.00N	139.50E	E5330206	142	1.35	-0.24	0.01	-0.02	
10052203.dat	2010/05/22	02:30	5.00N	139.50E	E5310388	144	0.05	-0.11	0.01	0.04	
10052206.dat	2010/05/22	05:30	4.98N	139.51E	E5310795	144	-2.40	-0.16	0.02	-0.01	
10052209.dat	2010/05/22	08:30	5.00N	139.50E	E5310772	144	0.40	-0.16	-0.07	0.01	
10052212.dat	2010/05/22	11:30	5.01N	139.50E	E5310756	144	0.34	-0.18	-0.09	-0.11	
10052215.dat	2010/05/22	14:30	5.00N	139.50E	E5330198	143	0.29	-0.16	0.02	0.01	
10052218.dat	2010/05/22	17:30	5.01N	139.52E	E5330211	143	0.16	-0.23	0.03	-0.01	
10052221.dat	2010/05/22	20:30	5.00N	139.51E	E5330214	143	0.15	-0.18	0.02	0.01	
10052300.dat	2010/05/22	23:30	5.00N	139.50E	E5310763	145	0.10	-0.13	-0.08	-0.09	
10052303.dat	2010/05/23	02:30	5.01N	139.51E	E5310767	145	0.24	-0.14	-0.11	-0.11	
10052306.dat	2010/05/23	05:30	4.99N	139.51E	E5310796	145	0.14	-0.13	0.02	-0.03	
10052309.dat	2010/05/23	08:30	4.99N	139.50E	E5310769	145	0.13	-0.13	-0.05	-0.10	
10052312.dat	2010/05/23	11:30	5.00N	139.51E	E5330209	144	0.36	-0.14	0.00	0.01	Rain
10052315.dat	2010/05/23	14:30	5.01N	139.50E	E5330219	144	0.62	-0.20	-0.04	-0.04	
10052318.dat	2010/05/23	17:30	4.99N	139.51E	E5330217	144	-0.06	-0.13	-0.02	-0.04	
10052321.dat	2010/05/23	20:30	5.00N	139.51E	E5330218	144	0.36	-0.21	0.00	0.00	
10052400.dat	2010/05/23	23:30	5.00N	139.50E	F0110903	3802	0.69	-0.15	-0.02	0.00	
10052403.dat	2010/05/24	02:30	5.00N	139.51E	F0110892	3802	0.27	-0.20	0.01	-0.04	
10052406.dat	2010/05/24	05:30	4.99N	139.53E	F0110895	3802	0.21	-0.06	0.01	0.04	
10052409.dat	2010/05/24	08:30	5.00N	139.52E	F0110909	3802	0.33	-0.14	0.02	0.00	
10052412.dat	2010/05/24	11:30	5.00N	139.51E	F0110896	3802	0.41	-0.11	-0.03	0.00	
10052415.dat	2010/05/24	14:30	5.01N	139.50E	F0110897	3803	0.61	-0.15	0.04	-0.03	
10052418.dat	2010/05/24	17:30	4.99N	139.51E	F0110894	3803	0.47	-0.12	-0.02	0.02	
10052421.dat	2010/05/24	20:30	5.01N	139.51E	F0111473	3803	0.41	-0.18	-0.06	-0.06	
10052500.dat	2010/05/24	23:30	5.01N	139.50E	E5340998	144	0.38	-0.18	-0.01	0.04	

Data file	Launch time (UTC)		Launch station			Sensor information		Calibration result				
	Date	Time	Latitude	Longitude	Serial No.	Age	Atomospheric pressure[hPa]	Air temperature[deg-C]	Relative humidity1[%]	Relative humidity2[%]	Note
10052503.dat	2010/05/25	02:30	5.01N	139.51E	E5340985	144	0.12	-0.05	-0.03	-0.06	
10052506.dat	2010/05/25	05:30	5.00N	139.51E	E5340967	144	0.15	-0.16	-0.07	-0.08	
10052509.dat	2010/05/25	08:30	5.00N	139.51E	F0110891	3803	0.83	-0.23	-0.10	-0.11	
10052512.dat	2010/05/25	11:30	5.00N	139.51E	F0110889	3804	0.14	-0.11	-0.07	-0.07	
10052515.dat	2010/05/25	14:30	5.01N	139.50E	F0110890	3804	0.69	-0.19	-0.06	-0.05	
10052518.dat	2010/05/25	17:30	5.01N	139.51E	F0110901	3804	0.28	-0.11	0.00	-0.02	
10052521.dat	2010/05/25	20:30	5.00N	139.51E	E5341020	145	0.51	-0.19	-0.15	-0.09	
10052600.dat	2010/05/25	23:30	5.00N	139.50E	F0110899	3804	-0.68	-0.14	-0.02	-0.02	
10052603.dat	2010/05/26	02:30	5.00N	139.51E	F0110344	3804	0.17	-0.28	-0.03	-0.01	
10052606.dat	2010/05/26	05:30	5.01N	139.52E	F0110341	3804	0.17	-0.20	0.01	0.03	
10052609.dat	2010/05/26	08:30	5.00N	139.50E	F0110893	3804	0.43	-0.18	0.07	-0.18	Rain
10052612.dat	2010/05/26	11:30	5.00N	139.51E	E5340977	146	0.20	-0.35	0.06	0.05	
10052615.dat	2010/05/26	14:30	5.00N	139.51E	F0110904	3805	0.46	-0.14	-0.05	-0.04	
10052618.dat	2010/05/26	17:30	5.01N	139.51E	F0110908	3805	0.48	-0.12	0.02	-0.01	
10052621.dat	2010/05/26	20:30	5.01N	139.51E	F0110898	3805	0.35	-0.13	0.01	0.00	
10052700.dat	2010/05/26	23:30	5.00N	139.50E	E5340965	146	0.22	-0.22	0.01	0.00	
10052703.dat	2010/05/27	02:30	5.00N	139.50E	E5340979	146	0.16	-0.07	-0.02	-0.03	
10052706.dat	2010/05/27	05:30	5.00N	139.51E	E5340962	146	0.31	-0.19	0.06	0.08	
10052709.dat	2010/05/27	08:30	5.00N	139.50E	E5341013	146	-0.07	-0.23	-0.18	0.01	Rain
10052712.dat	2010/05/27	11:30	4.99N	139.51E	E5341018	146	0.44	-0.15	-0.08	-0.08	
10052715.dat	2010/05/27	14:30	5.00N	139.51E	E5340964	147	-0.37	-0.20	-0.08	-0.11	
10052718.dat	2010/05/27	17:30	5.02N	139.51E	E5340976	147	0.24	-0.22	-0.03	-0.01	
10052721.dat	2010/05/27	20:30	5.01N	139.51E	E5340966	147	0.38	-0.13	-0.08	-0.09	
10052800.dat	2010/05/27	23:30	5.00N	139.50E	E5340969	147	0.07	-0.18	-0.02	0.00	
10052803.dat	2010/05/28	02:30	5.00N	139.51E	E5340974	147	0.10	-0.17	0.03	0.02	
10052806.dat	2010/05/28	05:30	5.00N	139.52E	F0110350	3806	0.22	-0.23	0.05	0.05	
10052809.dat	2010/05/28	08:30	4.99N	139.51E	E5340990	147	0.01	-0.12	-0.05	-0.06	
10052812.dat	2010/05/28	11:30	5.00N	139.52E	F0110330	3806	0.17	-0.28	0.04	0.01	
10052815.dat	2010/05/28	14:30	4.99N	139.51E	E5340992	148	0.73	-0.11	-0.09	-0.08	
10052818.dat	2010/05/28	17:30	5.00N	139.51E	E5340982	148	0.40	-0.11	-0.06	-0.08	Rain,Max:3,835m
10052821.dat	2010/05/28	20:30	5.00N	139.51E	E5340988	148	0.28	-0.16	-0.04	-0.05	
10052900.dat	2010/05/28	23:30	5.01N	139.52E	E5330215	149	0.22	-0.16	-0.05	-0.05	Rain,Max:5,287m
10052903.dat	2010/05/29	02:30	4.99N	139.50E	E5330204	149	0.35	-0.10	0.01	-0.04	
10052906.dat	2010/05/29	05:30	4.98N	139.51E	E5330203	149	0.48	-0.16	-0.06	-0.07	
10052909.dat	2010/05/29	08:30	4.98N	139.51E	E5330207	149	0.66	-0.10	-0.04	-0.04	
10052912.dat	2010/05/29	11:30	4.99N	139.51E	E5330200	150	0.33	-0.16	0.03	0.04	
10052915.dat	2010/05/29	14:30	5.00N	139.51E	E5330208	150	0.39	-0.16	0.03	0.01	
10052918.dat	2010/05/29	17:30	4.98N	139.52E	E5330197	150	0.12	-0.19	0.06	0.05	
10052921.dat	2010/05/29	20:30	5.02N	139.50E	E5330194	150	0.35	-0.19	0.09	-0.04	
10053000.dat	2010/05/29	23:30	5.00N	139.50E	E5330220	150	0.11	-0.16	-0.02	-0.01	
10053003.dat	2010/05/30	02:30	5.00N	139.51E	E5330202	150	0.25	-0.20	0.01	-0.05	
10053006.dat	2010/05/30	05:30	5.00N	139.48E	E5330195	150	0.36	-0.13	0.03	-0.01	
10053009.dat	2010/05/30	08:30	4.99N	139.49E	E5330212	150	0.10	-0.15	-0.02	-0.02	
10053012.dat	2010/05/30	11:30	4.99N	139.52E	E5310397	152	0.13	-0.19	-0.04	-0.02	Rain,Max:5,139m
10053015.dat	2010/05/30	14:30	5.01N	139.51E	E5310392	153	0.25	-0.12	0.01	0.00	Rain
10053018.dat	2010/05/30	17:30	5.00N	139.52E	E5310406	153	0.49	-0.23	0.03	0.02	
10053021.dat	2010/05/30	20:30	5.02N	139.52E	E5310415	153	-0.05	-0.07	-0.07	-0.08	
10053100.dat	2010/05/30	23:30	5.01N	139.50E	E5330216	151	0.06	-0.15	-0.03	-0.03	
10053103.dat	2010/05/31	02:30	4.99N	139.51E	E5330193	151	0.43	-0.22	0.00	0.00	Rain
10053106.dat	2010/05/31	05:30	5.02N	139.51E	E5330201	151	0.18	-0.15	-0.03	-0.04	
10053109.dat	2010/05/31	08:30	5.00N	139.51E	E5330196	151	0.24	-0.19	-0.05	-0.06	
10053112.dat	2010/05/31	11:30	4.98N	139.51E	E5310832	154	0.13	-0.21	-0.08	-0.06	
10053115.dat	2010/05/31	14:30	4.99N	139.50E	E5310809	154	0.08	-0.11	-0.06	-0.04	
10053118.dat	2010/05/31	17:30	4.99N	139.52E	E5310774	154	0.21	-0.13	-0.02	-0.03	
10053121.dat	2010/05/31	20:30	5.00N	139.51E	E5310806	154	0.02	-0.13	-0.03	-0.05	
10060100.dat	2010/05/31	23:30	5.00N	139.50E	E5310781	154	0.02	-0.09	-0.06	-0.02	
10060103.dat	2010/06/01	02:30	4.99N	139.51E	E5310764	154	0.36	-0.12	-0.14	-0.06	
10060106.dat	2010/06/01	05:30	5.00N	139.52E	E5310814	154	0.42	-0.15	-0.05	-0.06	
10060109.dat	2010/06/01	08:30	5.01N	139.51E	E5310805	154	0.12	-0.13	-0.08	-0.13	
10060112.dat	2010/06/01	11:30	5.00N	139.51E	E5310790	154	-0.43	-0.21	-0.01	-0.06	
10060115.dat	2010/06/01	14:30	5.00N	139.51E	E5310787	155	0.05	-0.08	-0.08	-0.13	
10060118.dat	2010/06/01	17:30	5.00N	139.52E	E5310798	155	0.23	-0.14	0.07	0.05	
10060121.dat	2010/06/01	20:30	5.00N	139.52E	E5310755	155	0.09	-0.19	-0.12	-0.16	
10060200.dat	2010/06/01	23:30	5.00N	139.50E	E5311019	155	-0.13	-0.09	-0.13	-0.14	
10060203.dat	2010/06/02	02:30	5.01N	139.51E	E5310811	155	0.38	-0.13	-0.04	-0.02	
10060206.dat	2010/06/02	05:30	5.01N	139.51E	E5311017	155	0.04	-0.06	-0.18	-0.17	
10060209.dat	2010/06/02	08:30	5.00N	139.52E	E5310830	155	0.35	-0.17	-0.10	-0.10	
10060212.dat	2010/06/02	11:30	5.00N	139.51E	E5310771	156	0.09	-0.16	-0.01	-0.09	
10060215.dat	2010/06/02	14:30	5.01N	139.51E	E5310776	156	0.46	-0.10	-0.26	-0.14	
10060218.dat	2010/06/02	17:30	5.02N	139.50E	E5310784	156	0.40	-0.23	-0.03	-0.08	
10060221.dat	2010/06/02	20:30	5.01N	139.50E	E5310793	156	0.47	-0.08	0.04	0.04	
10060300.dat	2010/06/02	23:30	5.00N	139.50E	E5310825	156	0.15	-0.18	-0.07	-0.02	
10060303.dat	2010/06/03	02:30	5.02N	139.50E	E5310775	156	0.11	-0.15	-0.03	0.00	

Data file	Launch time (UTC)		Launch station			Sensor information		Calibration result				Note
	Date	Time	Latitude	Longitude	Serial No.	Age	Atomospheric pressure[hPa]	Air temperature[deg-C]	Relative humidity1[%]	Relative humidity2[%]		
10060306.dat	2010/06/03	05:30	5.01N	139.49E	E5310784	156	0.67	-0.16	-0.09	-0.05		
10060309.dat	2010/06/03	08:30	5.01N	139.50E	E5310789	156	0.00	-0.14	-0.05	-0.11		
10060312.dat	2010/06/03	11:30	5.01N	139.52E	E5310803	156	0.41	-0.21	0.00	-0.03		
10060315.dat	2010/06/03	14:30	5.00N	139.51E	E5310749	157	0.10	-0.15	-0.08	-0.07		
10060318.dat	2010/06/03	17:30	4.99N	139.52E	E5310780	157	0.50	-0.10	0.00	0.02		
10060321.dat	2010/06/03	20:30	4.99N	139.51E	E5310386	157	0.25	-0.07	-0.04	-0.02	Rain	
10060400.dat	2010/06/03	23:30	5.00N	139.52E	E5310794	157	0.11	-0.13	-0.11	-0.17		
10060403.dat	2010/06/04	02:30	5.00N	139.51E	E5310812	157	0.11	-0.20	-0.02	0.00		
10060406.dat	2010/06/04	05:30	4.98N	139.51E	E5310817	157	0.48	-0.13	-0.03	-0.06		
10060409.dat	2010/06/04	08:30	4.99N	139.51E	E5310804	157	0.61	-0.22	-0.12	-0.20		
10060412.dat	2010/06/04	11:30	4.99N	139.51E	E5310801	158	0.33	-0.16	-0.15	-0.14		
10060415.dat	2010/06/04	14:30	5.00N	139.52E	E5310402	158	0.74	-0.19	-0.04	-0.10		
10060418.dat	2010/06/04	17:30	4.98N	139.49E	E5310389	158	0.75	-0.11	-0.09	-0.07		
10060421.dat	2010/06/04	20:30	5.00N	139.52E	E5310773	158	0.42	-0.16	-0.10	-0.19		
10060500.dat	2010/06/04	23:30	5.00N	139.50E	E5310398	158	0.48	-0.06	-0.16	-0.15		
10060503.dat	2010/06/05	02:30	5.01N	139.51E	E5310777	158	0.68	-0.17	-0.03	-0.01		
10060506.dat	2010/06/05	05:30	5.00N	139.52E	E5310778	158	0.35	-0.17	-0.14	-0.05		
10060509.dat	2010/06/05	08:30	5.00N	139.51E	E5310765	158	0.66	-0.17	-0.18	-0.21		
10060512.dat	2010/06/05	11:30	4.99N	139.51E	E5310713	158	0.07	-0.10	-0.03	-0.06		
10060515.dat	2010/06/05	14:30	4.99N	139.51E	E5310707	159	0.27	-0.18	-0.07	-0.12		
10060518.dat	2010/06/05	17:30	5.00N	139.52E	E5310709	159	0.27	-0.13	-0.08	-0.11		
10060521.dat	2010/06/05	20:30	4.99N	139.51E	E5310440	159	0.31	-0.15	-0.10	-0.15		
10060600.dat	2010/06/05	23:30	5.00N	139.52E	E5310722	159	0.17	-0.14	-0.03	-0.07		
10060603.dat	2010/06/06	02:30	5.00N	139.52E	E5310443	159	0.21	-0.13	-0.14	-0.11		
10060606.dat	2010/06/06	05:30	5.00N	139.52E	E5310729	159	0.28	-0.17	-0.14	-0.15		
10060609.dat	2010/06/06	08:30	5.00N	139.51E	E5310441	159	0.06	-0.15	-0.14	-0.12		
10060612.dat	2010/06/06	11:30	4.99N	139.51E	E5310735	160	0.22	-0.16	-0.03	-0.04		
10060615.dat	2010/06/06	14:30	4.99N	139.51E	E5310717	160	0.42	-0.15	0.00	-0.01		
10060618.dat	2010/06/06	17:30	5.00N	139.51E	E5310437	160	0.34	-0.16	-0.05	-0.09	Rain	
10060621.dat	2010/06/06	20:30	5.01N	139.51E	E5310428	160	0.26	-0.07	-0.11	-0.14		
10060700.dat	2010/06/06	23:30	5.00N	139.50E	E5310395	160	0.15	-0.17	-0.08	-0.08		
10060703.dat	2010/06/07	02:30	5.00N	139.51E	E5310719	160	0.12	-0.15	-0.11	-0.07		
10060706.dat	2010/06/07	05:30	4.98N	139.50E	E5310444	160	0.14	-0.11	-0.16	-0.17		
10060709.dat	2010/06/07	08:30	4.99N	139.49E	E5310724	160	0.24	-0.37	-0.14	-0.18		
10060712.dat	2010/06/07	11:30	5.01N	139.50E	E5310761	160	0.51	-0.23	-0.20	-0.18	Rain	
10060715.dat	2010/06/07	14:30	4.99N	139.50E	E5310730	161	0.37	-0.13	-0.05	-0.12		
10060718.dat	2010/06/07	17:30	4.98N	139.49E	E5310708	161	0.04	-0.12	0.01	-0.08		
10060721.dat	2010/06/07	20:30	4.98N	139.50E	E5310723	161	0.33	-0.13	-0.04	-0.04		
10060800.dat	2010/06/07	23:30	5.00N	139.50E	E5310430	161	0.46	-0.13	-0.05	-0.11		
10060803.dat	2010/06/08	02:30	4.99N	139.51E	E5310736	161	0.33	-0.13	-0.06	-0.12		
10060806.dat	2010/06/08	05:30	4.99N	139.51E	E5310725	161	0.18	-0.23	-0.04	-0.07		
10060809.dat	2010/06/08	08:30	5.00N	139.51E	E5310741	161	0.22	-0.16	-0.20	-0.21		
10060812.dat	2010/06/08	11:30	5.00N	139.51E	E5310705	162	0.12	-0.15	-0.09	-0.11		
10060815.dat	2010/06/08	14:30	4.99N	139.51E	E5310715	162	0.26	-0.14	-0.05	-0.05		
10060818.dat	2010/06/08	17:30	4.98N	139.51E	E5310712	162	0.30	-0.09	-0.09	-0.11		
10060821.dat	2010/06/08	20:30	5.00N	139.51E	E5310706	162	0.29	-0.10	-0.07	-0.08		
10060900.dat	2010/06/08	23:30	5.00N	139.50E	E5310747	162	0.67	-0.18	-0.09	-0.08		
10060903.dat	2010/06/09	02:30	5.00N	139.51E	E5310710	162	0.25	-0.13	-0.09	-0.15		
10060906.dat	2010/06/09	05:30	5.00N	139.50E	E5310743	162	0.30	-0.20	-0.09	-0.13		
10060909.dat	2010/06/09	08:30	5.00N	139.51E	E5310750	162	0.51	-0.11	-0.03	-0.10		
10060912.dat	2010/06/09	11:30	4.97N	139.52E	E5310751	162	0.25	-0.17	-0.05	-0.07		
10060915.dat	2010/06/09	14:30	5.00N	139.51E	E5310727	163	0.50	-0.16	-0.06	-0.10	Rain	
10060918.dat	2010/06/09	17:30	5.01N	139.49E	E5310711	163	0.49	-0.08	-0.04	-0.07		
10060921.dat	2010/06/09	20:30	5.00N	139.49E	E5310721	163	0.24	-0.15	-0.05	-0.08		
10061000.dat	2010/06/09	23:30	5.01N	139.50E	E5310762	163	0.48	-0.23	-0.13	-0.14		
10061003.dat	2010/06/10	02:30	5.01N	139.50E	E5310720	163	0.66	-0.19	0.02	-0.02		
10061006.dat	2010/06/10	05:30	5.00N	139.51E	E5310734	163	0.64	-0.18	-0.02	-0.06		
10061009.dat	2010/06/10	08:30	5.00N	139.51E	E5310752	163	0.18	-0.16	-0.03	-0.09		
10061012.dat	2010/06/10	11:30	5.00N	139.51E	E5310828	164	0.46	-0.25	-0.03	-0.06		
10061015.dat	2010/06/10	14:30	5.00N	139.51E	F0110115	3820	0.22	-0.13	-0.04	0.01		
10061018.dat	2010/06/10	17:30	5.00N	139.52E	F0110113	3820	0.52	-0.13	-0.09	0.03		
10061021.dat	2010/06/10	20:30	5.00N	139.51E	E5310827	164	0.55	-0.11	-0.05	-0.08		
10061100.dat	2010/06/10	23:30	5.00N	139.50E	F0110102	3820	-0.24	-0.11	0.01	0.00		
10061103.dat	2010/06/11	02:30	5.00N	139.51E	E5310819	164	0.22	-0.20	0.04	0.05		
10061106.dat	2010/06/11	05:30	5.00N	139.52E	F0110114	3820	0.20	-0.09	-0.03	-0.02		
10061109.dat	2010/06/11	08:30	5.00N	139.51E	E5320300	163	0.36	-0.08	-0.05	0.01		
10061112.dat	2010/06/11	11:30	4.99N	139.51E	F0110105	3820	0.48	-0.11	-0.10	-0.10		
10061115.dat	2010/06/11	14:30	5.00N	139.52E	F0110098	3821	0.32	-0.11	-0.05	-0.01		
10061118.dat	2010/06/11	17:30	5.01N	139.52E	F0110103	3821	0.21	-0.10	0.02	0.01		
10061121.dat	2010/06/11	20:30	5.00N	139.51E	F0110111	3821	0.60	-0.12	-0.09	-0.03		
10061200.dat	2010/06/11	23:30	5.01N	139.51E	F0110099	3821	0.25	-0.10	-0.02	-0.01		
10061203.dat	2010/06/12	02:30	5.01N	139.51E	E5310813	165	0.76	-0.13	-0.06	-0.05		
10061206.dat	2010/06/12	05:30	5.00N	139.50E	E5320291	164	-0.02	-0.11	-0.07	-0.09		

Data file	Launch time (UTC)		Launch station		Sensor information		Calibration result				Note
	Date	Time	Latitude	Longitude	Serial No.	Age	Atomospheric pressure[hPa]	Air temperature[deg-C]	Relative humidity1[%]	Relative humidity2[%]	
10061209.dat	2010/06/12	08:30	5.00N	139.52E	E5310799	165	-0.07	-0.13	-0.04	-0.06	
10061212.dat	2010/06/12	11:30	4.99N	139.51E	E5310783	166	0.13	-0.13	0.00	0.01	
10061215.dat	2010/06/12	14:30	5.00N	139.52E	E5311023	166	-0.21	-0.16	-0.12	-0.12	
10061218.dat	2010/06/12	17:30	5.01N	139.52E	E5310823	166	0.48	-0.10	-0.08	0.00	
10061221.dat	2010/06/12	20:30	5.01N	139.51E	E5310822	166	0.23	-0.06	0.01	-0.06	
10061300.dat	2010/06/12	23:30	5.00N	139.50E	E5311021	166	0.17	-0.05	-0.04	-0.26	
10061303.dat	2010/06/13	02:30	5.00N	139.51E	E5310829	166	0.19	-0.08	-0.04	-0.04	
10061306.dat	2010/06/13	05:30	5.02N	139.51E	F0110120	3822	0.09	-0.16	0.00	0.03	
10061309.dat	2010/06/13	08:30	5.01N	139.51E	F0110109	3822	0.40	-0.07	-0.06	0.00	
10061312.dat	2010/06/13	11:30	5.00N	139.51E	E5310816	166	0.10	-0.15	-0.01	-0.04	
10061315.dat	2010/06/13	14:30	5.00N	139.53E	F0110112	3823	0.35	-0.13	-0.02	0.01	
10061318.dat	2010/06/13	17:30	4.99N	139.51E	F0110107	3823	0.19	-0.10	-0.09	0.01	
10061321.dat	2010/06/13	20:30	4.99N	139.51E	E5311018	167	0.04	-0.07	-0.19	-0.16	
10061400.dat	2010/06/13	23:30	5.00N	139.50E	E5311022	167	0.37	0.01	-0.13	-0.10	
10061403.dat	2010/06/14	02:30	4.98N	139.51E	E5310810	167	0.11	-0.09	0.03	0.01	
10061406.dat	2010/06/14	05:30	4.98N	139.51E	E5311020	167	-0.15	-0.13	-0.09	-0.14	
10061409.dat	2010/06/14	08:30	5.00N	139.51E	E5310818	167	0.10	-0.06	-0.01	-0.07	
10061412.dat	2010/06/14	11:30	5.00N	139.52E	E5310797	168	0.29	-0.10	-0.04	-0.07	
10061415.dat	2010/06/14	14:30	4.99N	139.51E	E5310800	168	0.35	-0.11	-0.03	-0.04	
10061418.dat	2010/06/14	17:30	5.01N	139.52E	E5310788	168	0.14	-0.13	0.06	0.01	
10061421.dat	2010/06/14	20:30	5.00N	139.52E	E5310815	168	0.17	-0.09	-0.03	-0.05	
10061500.dat	2010/06/14	23:30	5.00N	139.50E	E5310824	168	0.15	-0.14	-0.09	-0.07	
10061503.dat	2010/06/15	02:30	5.01N	139.51E	E5310826	168	0.02	-0.10	-0.11	-0.13	
10061506.dat	2010/06/15	05:30	5.01N	139.51E	E5310831	168	0.10	-0.22	-0.11	-0.14	
10061509.dat	2010/06/15	08:30	4.99N	139.51E	E5331598	166	0.23	-0.17	-0.27	-0.21	
10061512.dat	2010/06/15	11:30	4.98N	139.53E	E5340079	166	-0.08	-0.18	-0.16	-0.16	Rain
10061515.dat	2010/06/15	14:30	4.99N	139.51E	E5340080	166	-0.18	-0.16	0.00	-0.02	
10061518.dat	2010/06/15	17:30	5.00N	139.52E	E5340093	166	-0.11	-0.12	-0.09	-0.09	
10061521.dat	2010/06/15	20:30	5.00N	139.51E	E5321476	168	0.31	-0.18	0.01	0.01	
10061600.dat	2010/06/15	23:30	5.01N	139.51E	E5321480	168	0.19	-0.14	-0.04	-0.14	
10061603.dat	2010/06/16	02:30	5.00N	139.51E	E5320299	168	0.55	-0.10	-0.04	-0.10	
10061606.dat	2010/06/16	05:30	4.99N	139.51E	E5340087	166	0.17	-0.19	-0.03	0.04	
10061609.dat	2010/06/16	08:30	4.99N	139.51E	E5321479	168	0.28	-0.22	-0.15	-0.09	
10061612.dat	2010/06/16	11:30	5.00N	139.51E	E5320304	168	0.35	-0.17	-0.07	-0.08	
10061615.dat	2010/06/16	14:30	5.00N	139.53E	E5321477	169	0.24	-0.21	-0.04	-0.07	
10061618.dat	2010/06/16	17:30	4.99N	139.52E	E5321348	169	0.24	-0.09	-0.11	-0.10	
10061621.dat	2010/06/16	20:30	5.00N	139.52E	E5331600	168	-0.03	-0.22	-0.26	-0.26	
10061700.dat	2010/06/16	23:30	5.00N	139.50E	E5321478	169	0.35	-0.19	-0.07	-0.15	
10061703.dat	2010/06/17	02:30	5.01N	139.51E	E5320309	169	0.36	-0.08	-0.03	-0.05	
10061706.dat	2010/06/17	05:30	5.01N	139.51E	E5320311	169	0.45	-0.05	-0.05	-0.08	
10061709.dat	2010/06/17	08:30	5.00N	139.51E	E5340101	167	0.55	-0.11	0.07	0.08	
10061712.dat	2010/06/17	11:30	5.00N	139.51E	E5321474	170	0.42	-0.06	-0.01	-0.02	
10061715.dat	2010/06/17	14:30	5.00N	139.52E	E5320295	170	0.40	-0.18	-0.03	-0.04	
10061718.dat	2010/06/17	17:30	5.01N	139.52E	E5331599	169	0.40	-0.15	-0.17	-0.17	
10061721.dat	2010/06/17	20:30	5.00N	139.52E	E5331596	169	0.05	-0.13	-0.22	-0.26	
10061800.dat	2010/06/17	23:30	5.00N	139.52E	E5321484	170	0.13	-0.18	-0.01	-0.04	
10061803.dat	2010/06/18	02:30	5.00N	139.52E	E5321346	170	0.11	-0.13	-0.05	-0.05	
10061806.dat	2010/06/18	05:30	5.01N	139.51E	E5321345	170	0.09	-0.08	0.02	-0.03	
10061809.dat	2010/06/18	08:30	5.01N	139.52E	E5340096	168	0.35	-0.14	0.09	0.09	
10061812.dat	2010/06/18	11:30	5.00N	139.52E	E5340081	168	0.11	-0.12	0.05	0.04	
10061815.dat	2010/06/18	14:30	5.00N	139.52E	E5320308	171	0.43	-0.07	-0.04	-0.04	
10061818.dat	2010/06/18	17:30	5.01N	139.51E	E5331572	170	-0.23	-0.19	-0.05	-0.10	Rain
10061821.dat	2010/06/18	20:30	5.01N	139.51E	E5320305	171	0.07	-0.10	-0.16	-0.15	
10061900.dat	2010/06/18	23:30	5.00N	139.50E	E5320316	171	0.30	-0.10	-0.08	-0.06	
10061903.dat	2010/06/19	02:30	4.99N	139.51E	E5320307	171	0.42	-0.15	-0.02	0.00	
10061906.dat	2010/06/19	05:30	4.98N	139.50E	E5320306	171	0.35	-0.06	-0.07	0.00	
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10061918.dat	2010/06/19	17:30	5.02N	139.51E	E5320315	172	0.32	-0.14	-0.12	-0.10	Rain
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10062006.dat	2010/06/20	05:30	5.00N	139.52E	E5320314	172	0.38	-0.10	-0.08	-0.12	
10062009.dat	2010/06/20	08:30	4.98N	139.50E	E5320317	172	-0.18	-0.09	-0.01	0.02	Rain
10062012.dat	2010/06/20	11:30	4.99N	139.51E	E5320313	172	0.08	-0.12	-0.16	-0.07	
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10062018.dat	2010/06/20	17:30	5.01N	138.38E	E5320290	173	0.43	-0.10	-0.01	-0.04	
10062021.dat	2010/06/20	20:30	5.00N	138.14E	E5321349	173	-0.01	-0.10	-0.11	-0.13	
10062100.dat	2010/06/20	23:30	5.00N	138.75E	E5320298	173	0.31	-0.17	-0.14	-0.11	
10062103.dat	2010/06/21	02:30	5.00N	139.36E	E5320302	173	0.19	-0.06	0.01	0.09	
10062106.dat	2010/06/21	05:30	5.01N	139.88E	E5320296	173	0.46	-0.14	-0.01	-0.04	

Data file	Launch time (UTC)		Launch station		Sensor information		Calibration result				
	Date	Time	Latitude	Longitude	Serial No.	Age	Atomospheric pressure[hPa]	Air temperature[deg-C]	Relative humidity1[%]	Relative humidity2[%]	Note
10062109.dat	2010/06/21	08:30	5.00N	140.42E	E5310807	174	0.12	-0.12	0.03	0.01	
10062112.dat	2010/06/21	11:30	5.00N	141.00E	E5320283	174	0.51	-0.13	0.02	0.01	
10062115.dat	2010/06/21	14:30	4.57N	140.57E	E5310821	175	0.33	-0.13	-0.03	0.00	
10062118.dat	2010/06/21	17:30	4.03N	140.02E	E5320297	174	0.21	-0.14	-0.04	-0.06	
10062121.dat	2010/06/21	20:30	3.57N	139.57E	E5320288	174	0.65	-0.09	-0.08	-0.08	
10062200.dat	2010/06/21	23:30	3.91N	139.50E	E5310820	175	0.07	-0.15	-0.03	-0.06	
10062203.dat	2010/06/22	02:30	4.39N	139.50E	E5310401	175	0.50	-0.16	-0.01	-0.06	
10062206.dat	2010/06/22	05:30	5.00N	139.50E	E5310414	175	0.00	-0.12	-0.02	-0.04	
10062209.dat	2010/06/22	08:30	5.65N	139.50E	E5310396	175	0.41	-0.18	0.11	0.09	
10062212.dat	2010/06/22	11:30	6.14N	139.50E	E5310390	176	0.44	-0.02	-0.07	-0.08	
10062215.dat	2010/06/22	14:30	6.64N	139.50E	E5310411	176	0.47	-0.15	-0.03	-0.04	
10062218.dat	2010/06/22	17:30	7.36N	139.50E	E5310416	176	0.36	-0.05	-0.06	-0.03	Rain
10062221.dat	2010/06/22	20:30	8.00N	139.50E	E5310408	176	0.14	-0.21	0.00	0.01	
10062300.dat	2010/06/22	23:30	8.60N	139.35E	E5310412	176	-0.11	-0.06	-0.09	-0.11	
10062303.dat	2010/06/23	02:30	9.36N	139.13E	E5310758	176	0.18	-0.15	-0.24	-0.14	
10062306.dat	2010/06/23	05:30	9.93N	138.96E	E5310407	176	0.41	-0.20	-0.05	-0.06	
10062309.dat	2010/06/23	08:30	10.64N	138.76E	E5310770	176	0.05	-0.14	-0.03	0.00	
10062312.dat	2010/06/23	11:30	11.37N	138.60E	E5310786	176	0.28	-0.21	0.00	-0.03	Rain
10062315.dat	2010/06/23	14:30	12.14N	138.39E	E5310419	177	-0.08	-0.08	-0.08	-0.07	
10062318.dat	2010/06/23	17:30	12.87N	138.19E	E5310757	177	0.18	-0.11	-0.13	-0.15	
10062321.dat	2010/06/23	20:30	13.61N	138.01E	E5310400	177	-0.11	-0.19	-0.09	-0.10	
10062400.dat	2010/06/23	23:30	14.33N	137.79E	E5310391	177	-0.08	-0.09	-0.15	-0.19	
10062406.dat	2010/06/24	05:30	15.84N	137.39E	E5310438	177	0.55	-0.12	-0.13	0.51	
10062412.dat	2010/06/24	11:30	17.12N	136.85E	E5310394	178	0.58	-0.11	-0.09	-0.12	
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10062506.dat	2010/06/25	05:30	21.33N	135.75E	E5310410	178	0.14	-0.14	-0.04	-0.04	
10062512.dat	2010/06/25	11:30	22.80N	135.21E	E5310424	178	0.20	-0.21	-0.12	-0.08	
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10062606.dat	2010/06/26	05:30	27.16N	133.60E	E5310436	179	-0.03	-0.13	-0.04	-0.04	
10062612.dat	2010/06/26	11:30	28.55N	133.06E	E5310423	180	0.62	-0.18	-0.08	-0.05	
10062618.dat	2010/06/26	17:30	30.00N	132.51E	E5310426	180	-0.06	-0.11	-0.08	-0.09	
10062700.dat	2010/06/26	23:30	31.56N	132.13E	E5310431	180	1.25	-0.28	0.11	0.12	

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: DigiCORAIII. MW21(from 2004 Jul. to 2011 Mar.) [VAISALA, Finland]

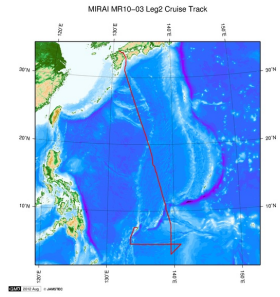
· Radiosonde Sensor: RS92-SGP, RS80-15GH, RS80-15G [VAISALA, Finland]

* 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



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MR10-03 Leg2
Ship Name: MIRAI
Period: 2010-05-13 - 2010-06-27
Chief Scientist: Hiroyuki Yamada (JAMSTEC)
Project Name: [MJO Research]
Proposal Title: ▶ Observational Study on Air-Sea Interaction in the Tropical Western Pacific Ocean

Update History

2014-07-11	An observation data was registerd.
2014-06-13	An observation data was registerd.
2012-09-28	An observation data was registerd.

HAKUHO MARU

6K Sonar DEEP TOW
KM-ROV
POWER GRAB SAMPLER (SHELL)
POWER GRAB SAMPLER (CLOW)
BMS

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JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY

MIRAI MR10-03 Leg2 Radiosonde

Last Modified: 2014-07-11

ReadMe | Observation Data | Data Format

Cruise ID: MR10-03 Leg2

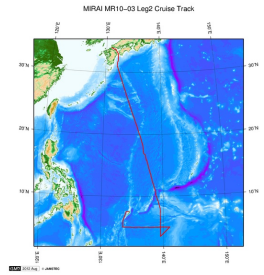
Radiosonde: Processed (DMO)-Corrected

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



Enlarge Image

MR10-03 Leg2
Ship Name: MIRAI
Period: 2010-05-13 - 2010-06-27
Chief Scientist: Hiroyuki Yamada (JAMSTEC)
Project Name: [MJO Research]
Proposal Title: Observational Study on Air-Sea Interaction in the Tropical Western Pacific Ocean

Update History

2014-07-11	An observation data was registerd.
2014-06-13	An observation data was registerd.
2012-09-28	An observation data was registerd.

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MIRAI MR10-03 Leg2 Radiosonde

Last Modified: 2014-07-11

ReadMe | Observation Data | Data Format

Cruise ID: MR10-03 Leg2

Radiosonde: Processed (DMO)-Corrected

Data Policy: JAMSTEC

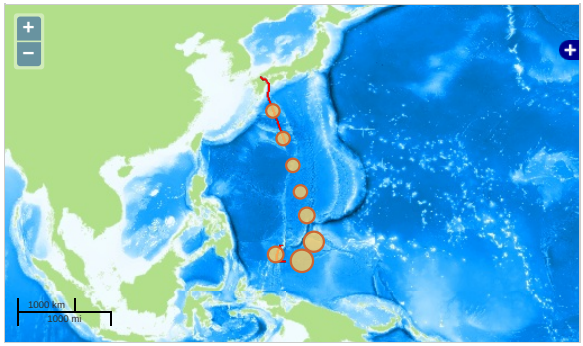
Observation Items: Air temperature, Dew point temperature, Relative humidity, Wind speed (zonal), Wind speed (meridional)

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

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

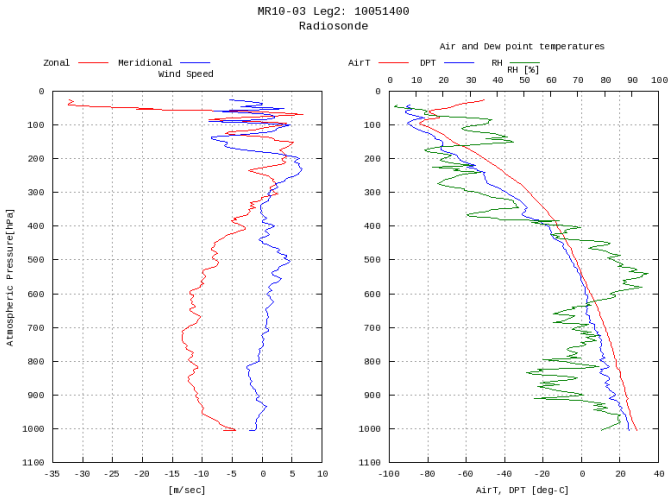


Imagery reproduced from ...

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

Figures

10051400



Data List

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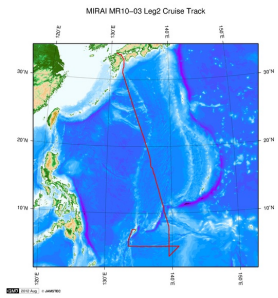

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MR10-03 Leg2
Ship Name: MIRAI
Period: 2010-05-13 - 2010-06-27
Chief Scientist: Hiroyuki Yamada (JAMSTEC)
Project Name: [MJO Research]
Proposal Title: Observational Study on Air-Sea Interaction in the Tropical Western Pacific Ocean

Update History

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