

MIRAI MR15-03 Leg1 Radiosonde

Last Modified: 2017-12-09

ReadMe Observation Data Data Format

Cruise ID: [MR15-03 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/MR15-03_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 (MR15-01 -)



Correction method

· 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. \(2002\)](#).

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 (In the RS41 sonde sensor, it has only one humidity sensor, and temperature correction is unnecessary). 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.dat, 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	Type	Serial No.	Age	Atmospheric pressure [hPa]	Air temperature [deg-C]	Relative humidity1 [%]	Relative humidity2 [%]	
15082712.dat	2015/08/27	11:30	40.25N	147.36E	RS92-SGP	K4124457	324	-0.68	-0.10	-0.3	-0.4	
15082800.dat	2015/08/27	23:30	40.17N	149.94E	RS41-SGP	L2210139	94	0.61	N/A	0.3	N/A	
15082812.dat	2015/08/28	11:32	41.32N	151.73E	RS92-SGP	K4124422	325	-0.30	-0.12	-0.2	-0.2	
15082900.dat	2015/08/28	23:30	42.42N	153.41E	RS41-SGP	L2210203	95	0.84	N/A	0.1	N/A	
15082912.dat	2015/08/29	11:30	43.60N	155.26E	RS92-SGP	K4034334	332	-0.59	-0.07	-0.1	-0.2	
15083000.dat	2015/08/29	23:30	44.83N	157.19E	RS41-SGP	L2210010	96	0.50	N/A	0.3	N/A	
15083012.dat	2015/08/30	11:30	46.08N	159.21E	RS92-SGP	K4124428	327	-0.78	-0.23	-0.2	-0.2	
15083100.dat	2015/08/30	23:31	47.26N	161.17E	RS92-SGP	K4124425	327	-0.28	-0.15	-0.2	-0.2	
15083112.dat	2015/08/31	11:30	48.51N	163.29E	RS92-SGP	K4124438	328	-0.36	-0.10	-0.3	-0.3	
15090100.dat	2015/08/31	23:32	49.93N	165.75E	RS41-SGP	L2210093	98	0.83	N/A	0.2	N/A	
15090200.dat	2015/09/01	23:47	52.59N	170.62E	RS92-SGP	K4034306	335	0.14	-0.16	-0.1	-0.1	Drizzle
15090212.dat	2015/09/02	11:30	53.87N	172.83E	RS92-SGP	K4123448	330	-0.14	-0.21	-0.3	-0.3	Drizzle
15090300.dat	2015/09/02	23:30	55.49N	175.34E	RS41-SGP	L2210150	100	0.79	N/A	0.3	N/A	
15090312.dat	2015/09/03	11:30	57.26N	178.20E	RS92-SGP	K4124434	331	-0.67	-0.12	-0.3	-0.3	
15090400.dat	2015/09/03	23:31	58.99N	178.83W	RS92-SGP	K4124411	331	-0.85	-0.15	-0.3	-0.3	Drizzle
15090412.dat	2015/09/04	11:33	61.08N	176.08W	RS92-SGP	K4124463	332	-0.51	-0.12	-0.3	-0.3	Rain
15090500.dat	2015/09/04	23:32	63.43N	172.92W	RS41-SGP	L2210148	102	0.94	N/A	0.3	N/A	
15090600.dat	2015/09/05	23:30	64.62N	168.31W	RS92-SGP	K4133223	332	-0.74	-0.05	-0.2	-0.2	
15090606.dat	2015/09/06	05:32	65.72N	168.65W	RS92-SGP	K4124449	334	-0.81	-0.14	-0.2	-0.2	
15090612.dat	2015/09/06	11:30	66.16N	168.75W	RS92-SGP	L1526118	152	-0.45	-0.11	-0.1	-0.2	
15090618.dat	2015/09/06	17:30	67.00N	168.75W	RS92-SGP	L1526115	153	-0.75	-0.12	-0.2	-0.2	

Data file	Launch time (UTC)	Launch station	Sensor information			Calibration result				Note
			Latitude	Longitude	Altitude	Atmospheric pressure	Air temperature	Relative humidity1	Relative humidity2	
15090700.dat	2015/09/06 23:30	67.83N 168.75W	RS92-SGP	L1526078	152	-0.73	-0.12	-0.1	-0.2	Snow
15090706.dat	2015/09/07 05:42	68.43N 168.75W	RS92-SGP	L1526107	153	-0.57	-0.11	-0.2	-0.2	
15090712.dat	2015/09/07 11:30	69.10N 168.76W	RS92-SGP	L1526115	153	-0.76 [hPa]	-0.09 [°C]	-0.1 [%]	-0.2 [%]	
15090718.dat	2015/09/07 17:37	70.00N 168.75W	RS92-SGP	L1526111	153	-0.80	-0.09	-0.2	-0.2	
15090800.dat	2015/09/07 23:30	70.73N 168.76W	RS92-SGP	L1526076	153	-0.59	-0.17	-0.2	-0.2	Snow
15090806.dat	2015/09/08 05:30	71.05N 166.94W	RS41-SGP	L2210204	106	0.66	N/A	0.2	N/A	Snow
15090812.dat	2015/09/08 11:30	71.20N 163.41W	RS92-SGP	L1526102	154	-0.26	-0.07	-0.2	-0.2	
15090818.dat	2015/09/08 17:30	71.27N 159.83W	RS92-SGP	L1526096	154	-0.74	-0.15	-0.2	-0.2	Snow
15090900.dat	2015/09/08 23:30	71.33N 157.67W	RS92-SGP	L1526134	154	-0.81	-0.12	-0.1	-0.1	
15090906.dat	2015/09/09 05:30	71.42N 157.51W	RS92-SGP	K4123653	337	0.24	-0.28	-0.2	-0.3	
15090912.dat	2015/09/09 11:32	71.45N 157.58W	RS92-SGP	L1713331	142	-0.46	-0.20	-0.2	-0.3	
15090918.dat	2015/09/09 17:46	71.84N 155.47W	RS92-SGP	L1526143	155	-0.87	-0.15	-0.1	-0.2	
15091000.dat	2015/09/09 23:31	71.75N 155.20W	RS92-SGP	L1526116	155	-0.82	-0.12	-0.2	-0.2	Snow
15091006.dat	2015/09/10 05:30	71.67N 154.98W	RS92-SGP	L1526144	156	-0.78	-0.16	-0.1	-0.2	
15091012.dat	2015/09/10 11:30	71.72N 155.21W	RS92-SGP	K4053344	342	-0.87	-0.24	-0.4	-0.5	
15091018.dat	2015/09/10 17:30	71.73N 155.16W	RS92-SGP	K4053354	342	-0.20	-0.19	-0.4	-0.4	
15091100.dat	2015/09/10 23:32	71.80N 155.36W	RS92-SGP	K4053353	342	-0.54	-0.17	-0.4	-0.4	
15091106.dat	2015/09/11 05:30	71.92N 155.24W	RS92-SGP	K4053351	343	-1.18	-0.14	-0.4	-0.5	
15091112.dat	2015/09/11 11:34	71.58N 154.80W	RS92-SGP	K4053355	343	-0.63	-0.16	-0.4	-0.6	
15091118.dat	2015/09/11 17:36	71.72N 155.17W	RS92-SGP	K4053362	343	-1.19	-0.20	-0.4	-0.4	Snow
15091200.dat	2015/09/11 23:33	71.89N 156.05W	RS92-SGP	K4053349	343	-1.03	-0.17	-0.4	-0.5	Snow
15091206.dat	2015/09/12 05:30	71.79N 155.33W	RS92-SGP	K4123664	340	-0.55	-0.34	-0.4	-0.4	Snow
15091212.dat	2015/09/12 11:30	72.23N 156.16W	RS92-SGP	K4123671	340	-0.38	-0.19	-0.5	-0.5	Snow
15091218.dat	2015/09/12 17:32	72.06N 157.24W	RS92-SGP	K4124161	340	-0.29	-0.22	-0.4	-0.5	Drizzle
15091300.dat	2015/09/12 23:32	72.48N 156.29W	RS41-SGP	L2130535	115	0.65	N/A	0.7	N/A	
15091306.dat	2015/09/13 05:30	72.17N 154.54W	RS92-SGP	K4053356	345	-0.92	-0.22	-0.4	-0.4	Fog
15091312.dat	2015/09/13 11:30	72.19N 156.18W	RS92-SGP	K4123433	341	-0.83	-0.22	-0.4	-0.4	Fog
15091318.dat	2015/09/13 17:30	72.11N 154.75W	RS92-SGP	K4123245	341	-0.78	-0.20	-0.4	-0.4	
15091400.dat	2015/09/13 23:49	72.00N 154.73W	RS92-SGP	K4123445	341	-0.72	-0.19	-0.6	-0.6	Snow
15091412.dat	2015/09/14 11:38	72.11N 155.79W	RS92-SGP	K4123446	342	-0.60	-0.23	-0.4	-0.4	Snow
15091418.dat	2015/09/14 17:30	72.27N 155.59W	RS92-SGP	K4123672	342	-0.80	-0.17	-0.5	-0.6	
15091500.dat	2015/09/14 23:30	72.39N 155.43W	RS92-SGP	K4123683	342	-0.32	-0.22	-0.4	-0.5	
15091506.dat	2015/09/15 05:31	72.44N 156.60W	RS92-SGP	K4053359	347	-0.44	-0.20	-0.6	-0.6	Snow
15091512.dat	2015/09/15 11:30	72.33N 156.69W	RS92-SGP	K4123673	343	-0.52	-0.25	-0.5	-0.4	
15091518.dat	2015/09/15 17:30	72.07N 157.23W	RS92-SGP	K4124162	343	-1.08	-0.21	-0.5	-0.6	
15091600.dat	2015/09/15 23:30	72.01N 156.92W	RS92-SGP	K4123434	343	-1.07	-0.18	-0.4	-0.5	
15091606.dat	2015/09/16 05:30	72.34N 156.18W	RS41-SGP	L2210007	114	0.62	N/A	0.2	N/A	Snow
15091612.dat	2015/09/16 11:30	72.34N 155.39W	RS92-SGP	K4123244	344	-0.42	-0.14	-0.6	-0.6	Snow
15091618.dat	2015/09/16 17:30	72.33N 155.36W	RS92-SGP	K4053376	348	-0.07	-0.21	-0.5	-0.5	
15091700.dat	2015/09/16 23:30	72.34N 155.39W	RS92-SGP	K4053364	348	-0.92	-0.16	-0.5	-0.5	
15091706.dat	2015/09/17 05:30	72.36N 155.31W	RS92-SGP	K4123668	345	-0.35	-0.20	-0.7	-0.7	Snow
15091712.dat	2015/09/17 11:30	72.34N 155.40W	RS92-SGP	K4033286	351	-1.16	-0.19	-0.4	-0.5	
15091718.dat	2015/09/17 17:30	72.35N 155.36W	RS92-SGP	K4123674	345	-0.79	-0.19	-0.5	-0.5	
15091800.dat	2015/09/17 23:31	72.34N 155.43W	RS92-SGP	K4124467	345	-1.16	-0.13	-0.5	-0.5	
15091806.dat	2015/09/18 05:30	72.36N 155.43W	RS92-SGP	K4124159	346	-0.86	-0.15	-0.6	-0.6	Snow
15091812.dat	2015/09/18 11:38	72.31N 155.19W	RS92-SGP	K4123669	346	-0.41	-0.22	-0.5	-0.8	
15091818.dat	2015/09/18 17:30	72.50N 155.07W	RS92-SGP	K4124155	346	-0.74	-0.19	-0.6	-0.6	
15091900.dat	2015/09/18 23:30	72.48N 155.42W	RS92-SGP	K4123658	346	0.08	-0.21	-0.5	-0.5	
15091906.dat	2015/09/19 05:29	72.49N 155.43W	RS92-SGP	K4123254	347	-0.52	-0.17	-0.5	-0.6	
15091912.dat	2015/09/19 11:29	72.27N 156.38W	RS92-SGP	K4123660	347	-0.29	-0.21	-0.6	-0.6	
15091918.dat	2015/09/19 17:30	72.45N 156.18W	RS92-SGP	K4123675	347	-0.22	-0.21	-0.6	-0.6	
15092000.dat	2015/09/19 23:30	72.36N 155.95W	RS92-SGP	K4273309	335	-0.85	-0.28	-0.4	-0.4	
15092006.dat	2015/09/20 05:31	72.29N 155.94W	RS92-SGP	K4273462	336	-0.49	-0.22	-0.4	-0.5	
15092012.dat	2015/09/20 11:30	72.28N 155.99W	RS92-SGP	K4373013	329	-0.91	-0.21	-0.5	-0.5	
15092018.dat	2015/09/20 17:30	72.30N 156.01W	RS92-SGP	K4273465	336	-0.93	-0.16	-0.5	-0.5	
15092100.dat	2015/09/20 23:30	72.28N 155.96W	RS92-SGP	K4273466	336	-0.85	-0.26	-0.5	-0.5	
15092106.dat	2015/09/21 05:29	72.30N 156.07W	RS92-SGP	K4273467	337	-0.59	-0.25	-0.5	-0.5	
15092112.dat	2015/09/21 11:30	72.28N 155.97W	RS92-SGP	K4273480	337	-1.81	-0.26	-0.4	-0.4	
15092118.dat	2015/09/21 17:30	72.29N 156.03W	RS92-SGP	K4053366	353	-0.17	-0.14	-0.7	-0.6	
15092200.dat	2015/09/21 23:30	72.28N 156.00W	RS92-SGP	K4273310	337	-1.00	-0.29	-0.4	-0.4	
15092206.dat	2015/09/22 05:30	72.00N 154.70W	RS92-SGP	K4373034	331	-0.99	-0.21	-0.5	-0.5	
15092212.dat	2015/09/22 11:30	72.19N 153.56W	RS92-SGP	K4373015	331	-1.12	-0.19	-0.5	-0.6	
15092218.dat	2015/09/22 17:26	71.83N 153.82W	RS92-SGP	K4373010	331	-0.75	-0.16	-0.6	-0.6	
15092300.dat	2015/09/22 23:30	72.16N 155.42W	RS92-SGP	K4373028	331	-0.88	-0.14	-0.5	-0.5	
15092306.dat	2015/09/23 05:30	72.32N 155.71W	RS92-SGP	K4273460	339	-0.72	-0.23	-0.5	-0.5	
15092312.dat	2015/09/23 11:30	72.26N 155.99W	RS92-SGP	K4363120	333	-0.76	-0.20	-0.5	-0.5	
15092318.dat	2015/09/23 17:29	72.27N 156.42W	RS92-SGP	K4363124	333	-0.62	-0.18	-0.5	-0.6	
15092400.dat	2015/09/23 23:30	72.17N 155.78W	RS92-SGP	K4273458	339	-1.25	-0.22	-0.5	-0.6	
15092406.dat	2015/09/24 05:16	72.15N 156.51W	RS92-SGP	K4373036	333	-0.60	-0.14	-0.5	-0.6	
15092412.dat	2015/09/24 11:30	72.33N 158.18W	RS92-SGP	K4363119	334	-0.48	-0.19	-0.5	-0.6	
15092418.dat	2015/09/24 18:12	72.78N 159.10W	RS92-SGP	K4273459	340	-0.61	-0.18	-0.4	-0.5	Snow
15092500.dat	2015/09/24 23:31	73.21N 157.80W	RS41-SGP	L2210008	122	0.65	N/A	0.3	N/A	

15092506.dat	2015/09/25	17:19	73.24N	161.09W	RS92-SGP	K4363118	335	-1.22	-0.18	-0.5	-0.6	Fog
15092518.dat	2015/09/25	23:30	73.12N	162.46W	RS92-SGP	K4273469	341	-0.42	-0.21	-0.5	-0.6	Fog, Drizzle
15092600.dat	2015/09/26	05:29	73.06N	164.62W	RS92-SGP	K4273451	342	-0.49	-0.19	-0.5	-0.5	
15092612.dat	2015/09/26	11:29	73.22N	161.41W	RS92-SGP	K4273475	342	-0.65	-0.18	-0.5	-0.5	
15092618.dat	2015/09/26	17:23	73.31N	160.78W	RS92-SGP	K4363126	336	-0.68	-0.18	-0.5	-0.5	Snow
15092700.dat	2015/09/26	23:30	73.32N	160.76W	RS92-SGP	K4273453	342	-1.02	-0.18	-0.5	-0.6	
15092706.dat	2015/09/27	05:29	72.98N	161.20W	RS92-SGP	K4373025	336	-0.88	0.04	-0.5	-0.6	
15092712.dat	2015/09/27	11:30	73.37N	162.36W	RS92-SGP	K4273461	343	-0.59	-0.11	-0.5	-0.6	
15092718.dat	2015/09/27	17:30	73.49N	162.24W	RS92-SGP	K4273474	343	-0.64	-0.12	-0.5	0.1	Snow
15092800.dat	2015/09/27	23:28	73.47N	160.14W	RS92-SGP	K4273450	343	-0.56	-0.18	-0.5	-0.6	Snow
15092806.dat	2015/09/28	05:30	73.51N	162.15W	RS92-SGP	K4273464	344	-0.73	-0.23	-0.6	-0.6	
15092812.dat	2015/09/28	11:30	73.57N	165.94W	RS92-SGP	K4363122	338	-0.72	-0.20	-0.6	-0.5	
15092818.dat	2015/09/28	17:31	74.37N	166.57W	RS41-SGP	L2210023	126	0.74	N/A	0.2	N/A	Snow
15092900.dat	2015/09/28	23:30	74.47N	168.18W	RS41-SGP	L2210015	126	0.74	N/A	0.2	N/A	Snow
15092906.dat	2015/09/29	05:30	74.00N	168.76W	RS41-SGP	L2210202	127	0.82	N/A	0.2	N/A	Snow
15092912.dat	2015/09/29	11:30	73.36N	168.75W	RS92-SGP	K4373187	338	-0.89	-0.19	-0.6	-0.6	
15092918.dat	2015/09/29	17:29	72.50N	168.79W	RS92-SGP	K4213817	351	-0.43	-0.16	-0.5	-0.5	
15093000.dat	2015/09/29	23:32	72.00N	168.74W	RS92-SGP	K4363340	339	-0.58	-0.21	-0.6	-0.6	
15093006.dat	2015/09/30	05:30	71.16N	168.75W	RS92-SGP	K4363350	340	-0.68	-0.16	-0.6	-0.6	
15093012.dat	2015/09/30	11:30	70.38N	168.76W	RS41-SGP	L2210009	128	0.96	N/A	0.2	N/A	
15093018.dat	2015/09/30	17:29	69.20N	168.79W	RS92-SGP	K4363372	340	-0.46	-0.15	-0.6	-0.6	
15100100.dat	2015/09/30	23:30	68.06N	168.83W	RS41-SGP	L2130512	133	0.89	N/A	0.3	N/A	
15100106.dat	2015/10/01	05:29	68.54N	168.75W	RS92-SGP	K4213826	353	-0.67	-0.12	-0.5	-0.5	
15100112.dat	2015/10/01	11:30	68.69N	168.79W	RS92-SGP	K4363383	341	-0.33	-0.12	-0.5	-0.5	
15100118.dat	2015/10/01	17:30	68.05N	168.84W	RS92-SGP	K4363384	341	-1.04	-0.14	-0.3	-0.6	
15100200.dat	2015/10/01	23:26	68.03N	168.84W	RS92-SGP	K4363381	341	-0.87	-0.15	-0.3	-0.4	
15100206.dat	2015/10/02	05:29	68.03N	168.83W	RS92-SGP	K4273179	348	-1.18	-0.31	-0.4	-0.4	Rain
15100212.dat	2015/10/02	11:24	68.04N	168.79W	RS92-SGP	K4363363	342	-0.86	-0.18	-0.4	-0.4	Rain
15100218.dat	2015/10/02	17:28	68.07N	168.88W	RS92-SGP	K4363364	342	-0.23	-0.16	-0.4	-0.4	Rain
15100300.dat	2015/10/02	23:30	68.07N	168.85W	RS92-SGP	K4363361	342	-1.04	-0.11	-0.4	-0.4	
15100306.dat	2015/10/03	05:30	67.74N	168.86W	RS92-SGP	K4363351	343	-0.69	-0.14	-0.4	-0.4	Rain
15100312.dat	2015/10/03	11:30	66.85N	168.73W	RS92-SGP	K4363355	343	-0.89	-0.16	-0.4	-0.5	Fog
15100318.dat	2015/10/03	17:30	66.01N	168.74W	RS92-SGP	K4213819	355	-0.53	-0.10	-0.4	-0.4	Fog, Rain
15100400.dat	2015/10/03	23:30	65.04N	168.65W	RS92-SGP	K4363375	343	-0.62	-0.06	-0.5	-0.5	Fog
15100406.dat	2015/10/04	05:30	63.91N	167.99W	RS92-SGP	K4363378	344	-0.87	-0.10	-0.5	-0.6	Fog
15100412.dat	2015/10/04	11:59	62.75N	167.36W	RS92-SGP	K4363345	344	-0.35	-0.10	-0.4	-0.4	
15100418.dat	2015/10/04	17:30	61.79N	167.38W	RS92-SGP	K4263217	351	-1.01	-0.21	-0.5	-0.5	Rain
15100500.dat	2015/10/04	23:30	60.74N	167.78W	RS41-SGP	L2210018	132	0.81	N/A	0.3	N/A	Drizzle
15100506.dat	2015/10/05	05:29	59.68N	167.87W	RS92-SGP	K4273198	351	-1.22	-0.15	-0.5	-0.5	Fog

Reference

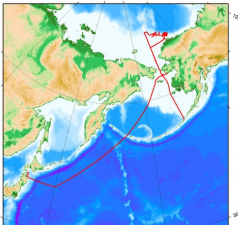
K. Yoneyama, M.Hanyu, S.Sueyoshi, F.Yoshiura, and M.Katsumata, 2002:Radiosonde observation from the ship in the tropical region.[PDF:400kbyte]
JAMSTECR, Vol.45, 31-39.


Others

- ・ Main processor: DigiCORA, MW41(after 2015 Jun.) [VAISALA, Finland]
- ・ Launcher Location: 22m (from base line)

Related Information

MIRAI MR15-03 Leg1 Cruise Track



 [Enlarge Image](#)

MR15-03 Leg1
Ship Name: MIRAI
Period: 2015-08-23 - 2015-10-06
Chief Scientist: Shigeto Nishino (JAMSTEC)
Project Name: [Arctic Ocean Climate System Reaserch]
Proposal ▶ Observational studies on the Arctic Ocean climate and ecosystem variability
Title:

Update History

2017-12-09	An observation data was registered.
2017-10-21	An observation data was registered.

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CHIKYU
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BMS

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MIRAI MR15-03 Leg1 Radiosonde

Last Modified: 2017-12-09

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

Cruise ID: [MR15-03 Leg1](#)

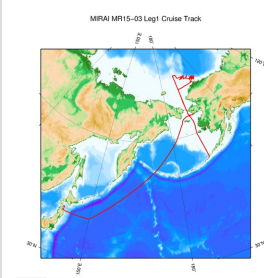
Radiosonde: Processed (DMO)-Corrected

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



[Enlarge Image](#)

MR15-03 Leg1

Ship Name: MIRAI

Period: 2015-08-23 - 2015-10-06

Chief Scientist: Shigeto Nishino (JAMSTEC)

Project Name: [Arctic Ocean Climate System Research]

Proposal ▶ Observational studies on the Arctic Ocean climate and ecosystem variability

Title:

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MIRAI MR15-03 Leg1 Radiosonde

Last Modified: 2017-12-09

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Cruise ID: [MR15-03 Leg1](#)

Radiosonde: Processed (DMO)-Corrected

Data Policy: [JAMSTEC](#)

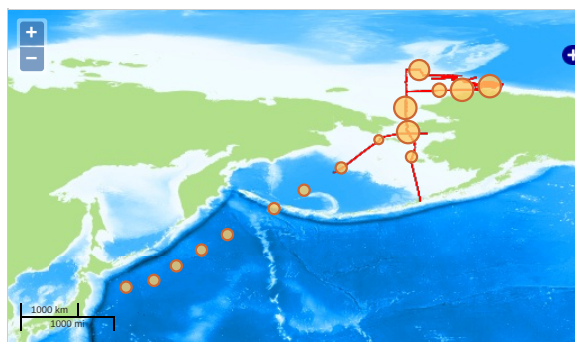
Observation Items: Atmospheric pressure, Air temperature, Dew point temperature, Relative humidity, Wind speed (zonal, meridional), Height

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.



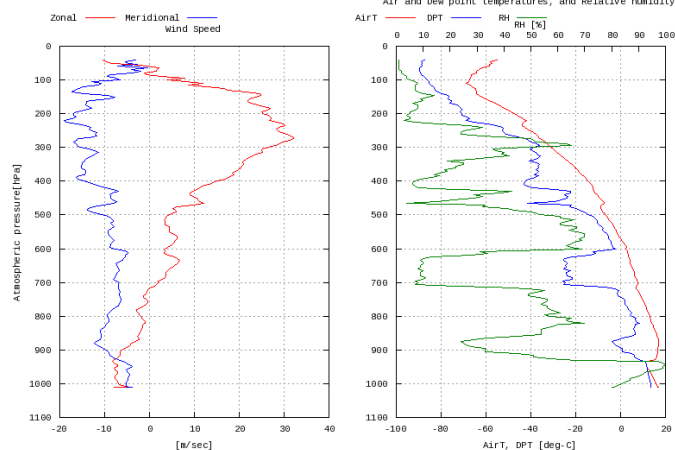
Imagery reproduced from ...

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

Figures

15082712

MR15-03 Leg1: 15082712
Radiosonde



Data List

☐ File names

☐ 15082712.dat

☐ 15082800.dat

☐ 15082812.dat

☐ 15082900.dat

☐ 15082912.dat

☐ 15083000.dat

☐ 15083012.dat

☐ 15083100.dat

☐ 15083112.dat

☐ 15090100.dat

☐ 15090200.dat

☐ 15090212.dat

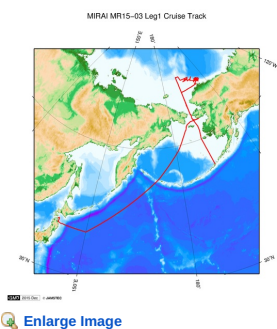
☐ 15090300.dat

☐ 15090312.dat

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	15091918.dat
	15092000.dat
	15092006.dat
	15092012.dat
	15092018.dat
	15092100.dat
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<input type="checkbox"/>	15100500.dat
<input type="checkbox"/>	15100506.dat

Related Information



MR15-03 Leg1

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