

MIRAI MR16-06 Radiosonde

Last Modified: 2018-10-23

ReadMe Observation Data Data Format

Cruise ID: **MR16-06**

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/MR16-06_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 (however, RS41 sonde sensor has only one humidity sensor and is not necessary to calibrate temperature sensor). 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	Type	Serial No.	Age	Atmospheric pressure [hPa]	Air temperature [deg-C]	Relative humidity1 [%]	Relative humidity2 [%]	
16082300.dat	2016/08/22	23:30	40.21N	148.48E	RS41-SGP	M0230282	229	0.89	N/A	0.1	N/A	GPS Lost;19300-21700m
16082312.dat	2016/08/23	11:30	41.01N	151.28E	RS41-SGP	M0220061	231	0.75	N/A	0.0	N/A	
16082400.dat	2016/08/23	23:30	42.62N	153.82E	RS41-SGP	M0220063	231	-0.43	N/A	0.2	N/A	
16082412.dat	2016/08/24	11:30	44.26N	156.45E	RS41-SGP	M0220069	232	0.27	N/A	0.2	N/A	
16082500.dat	2016/08/24	23:30	45.84N	159.02E	RS41-SGP	M0220072	232	0.40	N/A	0.1	N/A	
16082512.dat	2016/08/25	11:30	47.43N	161.71E	RS41-SGP	M0220074	233	0.60	N/A	0.2	N/A	Fog
16082600.dat	2016/08/25	23:29	48.89N	164.25E	RS41-SGP	M0220071	233	0.78	N/A	0.1	N/A	Fog
16082612.dat	2016/08/26	11:30	49.91N	166.06E	RS41-SGP	M0220066	234	0.56	N/A	0.1	N/A	Rain
16082700.dat	2016/08/26	23:30	51.65N	168.72E	RS41-SGP	M0220068	234	0.14	N/A	0.2	N/A	Fog
16082712.dat	2016/08/27	11:30	53.63N	171.22E	RS41-SGP	M0220070	235	0.51	N/A	0.2	N/A	
16082800.dat	2016/08/27	23:30	55.37N	174.29E	RS41-SGP	L5120154	256	0.51	N/A	0.2	N/A	Fog
16082812.dat	2016/08/28	11:30	57.07N	177.44E	RS41-SGP	M0220076	236	0.89	N/A	0.2	N/A	
16082900.dat	2016/08/28	23:30	58.71N	179.39W	RS41-SGP	M0220077	236	0.37	N/A	0.1	N/A	
16082912.dat	2016/08/29	11:30	60.58N	176.98W	RS41-SGP	M0220078	237	1.14	N/A	0.2	N/A	
16083000.dat	2016/08/29	23:32	62.69N	174.49W	RS41-SGP	M0220067	237	0.57	N/A	0.1	N/A	
16083012.dat	2016/08/30	11:30	63.86N	172.30W	RS41-SGP	M0220083	238	0.58	N/A	0.2	N/A	
16083100.dat	2016/08/30	23:30	65.05N	169.60W	RS41-SGP	M0220084	238	0.64	N/A	0.2	N/A	
16083106.dat	2016/08/31	05:30	65.28N	169.06W	RS41-SGP	M0220073	239	0.83	N/A	0.1	N/A	
16083112.dat	2016/08/31	11:30	65.82N	168.73W	RS41-SGP	M0230069	238	0.74	N/A	0.1	N/A	
16083118.dat	2016/08/31	17:30	66.17N	168.86W	RS41-SGP	M0220064	239	0.92	N/A	0.2	N/A	Fog
16083100.dat	2016/08/31	23:30	66.27N	168.81W	RS41-SGP	L4020542	272	0.00	N/A	0.2	N/A	Drizzle

File Name	Launch Data		Launch station	Sensor information		Calibration result				Drizzle		
	Launch time (UTC)	Time		Sensor type	Serial No.	N/A	Air	Relative	N/A			
16090106.dat	2016/09/01	05:30	66.97N	168.89W	RS41-SGP	L4940571	273	0.56	N/A	0.5	N/A	
16090112.dat	2016/09/01	11:27	67.47N	168.83W	RS41-SGP	L4940572	276	0.59	N/A	0.5	N/A	Note
16090118.dat	2016/09/01	17:30	68.03N	168.83W	RS41-SGP	L4930564	274	0.60(Pa)	N/A(°C)	0.2(%)	N/A(%)	
16090200.dat	2016/09/01	23:30	68.22N	168.80W	RS41-SGP	L4930552	274	0.37	N/A	0.5	N/A	
16090206.dat	2016/09/02	05:30	69.00N	168.75W	RS41-SGP	L4940576	274	0.58	N/A	0.5	N/A	
16090212.dat	2016/09/02	11:29	69.91N	168.75W	RS41-SGP	L4940439	274	0.42	N/A	0.4	N/A	
16090218.dat	2016/09/02	17:30	70.68N	168.75W	RS41-SGP	L4930513	275	-0.03	N/A	0.5	N/A	
16090300.dat	2016/09/02	23:30	70.76N	167.05W	RS41-SGP	L4930523	275	0.87	N/A	0.4	N/A	
16090306.dat	2016/09/03	05:30	70.75N	164.43W	RS41-SGP	L4930528	276	0.58	N/A	0.3	N/A	
16090312.dat	2016/09/03	11:29	70.75N	161.54W	RS41-SGP	L4940365	275	0.42	N/A	0.4	N/A	
16090318.dat	2016/09/03	17:30	71.26N	159.47W	RS41-SGP	L4940521	275	0.62	N/A	0.6	N/A	
16090400.dat	2016/09/03	23:30	71.44N	158.72W	RS41-SGP	L4940519	275	0.77	N/A	0.3	N/A	Fog
16090406.dat	2016/09/04	05:30	71.58N	157.84W	RS41-SGP	L4940520	276	0.33	N/A	0.4	N/A	Fog
16090412.dat	2016/09/04	11:27	71.33N	157.32W	RS41-SGP	L4940449	276	0.65	N/A	0.4	N/A	Fog
16090418.dat	2016/09/04	17:30	71.45N	157.94W	RS41-SGP	L4940448	276	0.55	N/A	0.4	N/A	
16090500.dat	2016/09/04	23:30	71.39N	158.62W	RS41-SGP	L4940528	276	0.60	N/A	0.4	N/A	
16090506.dat	2016/09/05	05:32	71.48N	158.02W	RS41-SGP	L4940565	277	0.63	N/A	0.9	N/A	
16090512.dat	2016/09/05	11:30	71.86N	155.98W	RS41-SGP	L4940450	277	0.66	N/A	0.4	N/A	
16090518.dat	2016/09/05	17:30	71.76N	155.10W	RS41-SGP	L4930545	278	0.68	N/A	0.3	N/A	
16090600.dat	2016/09/05	23:30	71.78N	155.36W	RS41-SGP	L4930516	278	0.07	N/A	0.6	N/A	
16090606.dat	2016/09/06	05:30	72.43N	155.00W	RS41-SGP	L4940441	278	0.81	N/A	0.3	N/A	
16090612.dat	2016/09/06	11:30	73.22N	155.00W	RS41-SGP	L4930559	279	0.54	N/A	0.3	N/A	Drizzle
16090618.dat	2016/09/06	17:30	72.06N	155.01W	RS41-SGP	L4940440	278	0.28	N/A	0.7	N/A	Rain
16090700.dat	2016/09/06	23:30	71.80N	155.33W	RS41-SGP	L4930557	279	0.82	N/A	0.2	N/A	
16090703.dat	2016/09/07	02:45	71.69N	155.07W	RS41-SGP	L4940443	279	0.32	N/A	0.4	N/A	Rain
16090706.dat	2016/09/07	05:30	71.81N	155.60W	RS41-SGP	L4930561	280	0.31	N/A	0.3	N/A	Rain, GPS Lost;12400-13500m
16090712.dat	2016/09/07	11:34	71.80N	155.39W	RS41-SGP	L4930562	280	0.50	N/A	0.3	N/A	Rain
16090715.dat	2016/09/07	14:30	71.73N	155.21W	RS41-SGP	L4940522	279	0.60	N/A	0.4	N/A	Rain
16090718.dat	2016/09/07	17:21	71.63N	154.92W	RS41-SGP	L4940447	279	0.48	N/A	0.3	N/A	
16090800.dat	2016/09/07	23:29	71.57N	151.99W	RS41-SGP	L4940446	279	0.50	N/A	0.4	N/A	
16090806.dat	2016/09/08	05:29	71.79N	153.02W	RS41-SGP	L4940525	280	0.40	N/A	0.4	N/A	
16090812.dat	2016/09/08	11:32	72.02N	154.56W	RS41-SGP	L4940280	280	0.54	N/A	0.2	N/A	
16090818.dat	2016/09/08	17:33	72.45N	155.38W	RS41-SGP	L4940282	280	0.53	N/A	0.3	N/A	Fog
16090900.dat	2016/09/08	23:30	72.50N	155.30W	RS41-SGP	L4940523	280	0.28	N/A	0.4	N/A	Drizzle
16090906.dat	2016/09/09	05:29	72.34N	155.82W	RS41-SGP	L4940366	281	0.77	N/A	0.4	N/A	Fog
16090912.dat	2016/09/09	11:30	72.47N	157.03W	RS41-SGP	L4940524	281	0.32	N/A	0.4	N/A	
16090918.dat	2016/09/09	17:30	73.02N	158.88W	RS41-SGP	L4940445	281	0.72	N/A	0.4	N/A	
16091000.dat	2016/09/09	23:30	73.30N	160.80W	RS41-SGP	L4930551	282	0.41	N/A	1.1	N/A	Snow
16091006.dat	2016/09/10	05:30	73.29N	160.01W	RS41-SGP	L4940590	282	0.52	N/A	0.4	N/A	
16091012.dat	2016/09/10	11:30	73.36N	160.61W	RS41-SGP	L4940527	282	0.33	N/A	0.7	N/A	
16091018.dat	2016/09/10	17:30	72.54N	159.05W	RS41-SGP	L4940593	282	0.42	N/A	0.5	N/A	
16091100.dat	2016/09/10	23:29	72.47N	159.00W	RS41-SGP	L4940444	282	0.66	N/A	1.4	N/A	
16091106.dat	2016/09/11	05:30	72.45N	159.00W	RS41-SGP	L4940567	283	0.32	N/A	0.5	N/A	GPS Lost;14000-14900m
16091112.dat	2016/09/11	11:30	72.40N	158.53W	RS41-SGP	L4940355	283	1.26	N/A	0.4	N/A	
16091118.dat	2016/09/11	17:30	72.32N	158.79W	RS41-SGP	L4940360	283	0.49	N/A	0.3	N/A	
16091200.dat	2016/09/11	23:30	72.44N	158.83W	RS41-SGP	L4940574	283	0.24	N/A	0.5	N/A	
16091206.dat	2016/09/12	05:30	72.41N	158.43W	RS41-SGP	L4940534	284	0.74	N/A	0.5	N/A	
16091212.dat	2016/09/12	11:30	72.40N	158.40W	RS41-SGP	L4930549	285	0.42	N/A	0.3	N/A	
16091218.dat	2016/09/12	17:30	72.27N	158.98W	RS41-SGP	L4940570	284	1.01	N/A	0.5	N/A	
16091300.dat	2016/09/12	23:29	72.25N	159.14W	RS41-SGP	L4940362	284	0.55	N/A	0.4	N/A	
16091306.dat	2016/09/13	05:31	72.83N	158.82W	RS41-SGP	L4940442	285	0.21	N/A	0.4	N/A	
16091312.dat	2016/09/13	11:30	73.17N	158.01W	RS41-SGP	L4940364	285	0.74	N/A	0.4	N/A	
16091318.dat	2016/09/13	17:25	73.45N	157.15W	RS41-SGP	L4940363	285	0.72	N/A	0.4	N/A	
16091400.dat	2016/09/13	23:30	73.62N	156.61W	RS41-SGP	L4930553	286	0.46	N/A	0.2	N/A	
16091406.dat	2016/09/14	05:30	73.86N	156.57W	RS41-SGP	L4930546	287	0.46	N/A	0.4	N/A	
16091412.dat	2016/09/14	11:18	73.73N	157.58W	RS41-SGP	L4940532	286	0.93	N/A	0.4	N/A	Drizzle
16091418.dat	2016/09/14	18:02	73.61N	158.53W	RS41-SGP	L4940566	286	0.87	N/A	0.4	N/A	
16091500.dat	2016/09/14	23:30	73.44N	159.80W	RS41-SGP	L4940518	286	0.34	N/A	0.4	N/A	Snow
16091506.dat	2016/09/15	05:30	73.23N	161.35W	RS41-SGP	L4940358	287	0.71	N/A	0.4	N/A	
16091512.dat	2016/09/15	11:30	73.21N	161.61W	RS41-SGP	L4930543	288	0.39	N/A	0.4	N/A	
16091518.dat	2016/09/15	17:30	73.31N	160.79W	RS41-SGP	M0220007	254	0.39	N/A	0.2	N/A	
16091600.dat	2016/09/15	23:29	73.30N	160.83W	RS41-SGP	L4940573	287	0.19	N/A	0.4	N/A	
16091606.dat	2016/09/16	05:29	73.39N	160.40W	RS41-SGP	L4930547	289	0.38	N/A	0.3	N/A	
16091612.dat	2016/09/16	11:31	73.37N	158.92W	RS41-SGP	L4940356	288	0.10	N/A	0.4	N/A	
16091618.dat	2016/09/16	17:55	72.62N	155.70W	RS41-SGP	L4940530	288	0.86	N/A	0.4	N/A	Blizzard
16091621.dat	2016/09/16	20:30	72.46N	155.38W	RS41-SGP	M0210220	256	0.46	N/A	0.1	N/A	Snow
16091700.dat	2016/09/16	23:38	72.47N	155.41W	RS41-SGP	L4930555	289	0.37	N/A	0.3	N/A	
16091706.dat	2016/09/17	05:29	72.31N	155.47W	RS41-SGP	L4930563	290	0.26	N/A	0.3	N/A	
16091712.dat	2016/09/17	11:30	72.17N	156.44W	RS41-SGP	L4940361	289	0.57	N/A	0.4	N/A	Drizzle
16091718.dat	2016/09/17	17:29	71.51N	156.68W	RS41-SGP	M0210223	257	0.37	N/A	0.1	N/A	Fog
16091721.dat	2016/09/17	20:29	71.39N	156.66W	RS41-SGP	L4940568	289	-0.04	N/A	0.4	N/A	Rain
16091800.dat	2016/09/17	23:30	71.11N	157.79W	RS41-SGP	L4940592	289	0.45	N/A	0.5	N/A	

16091806.dat	2016/09/18	11:51	70.75N	162.62W	RS41-SGP	M0210247	258	0.29	N/A	0.1	N/A	
16091812.dat	2016/09/18	17:30	71.26N	164.18W	RS41-SGP	M0210222	258	0.71	N/A	0.1	N/A	
16091818.dat	2016/09/18	23:30	71.99N	165.89W	RS41-SGP	M0210221	258	0.17	N/A	0.2	N/A	
16091900.dat	2016/09/19	05:29	72.52N	167.32W	RS41-SGP	M0210218	259	0.55	N/A	0.1	N/A	
16091912.dat	2016/09/19	11:30	72.00N	168.75W	RS41-SGP	M0210226	259	0.28	N/A	0.2	N/A	Snow
16091918.dat	2016/09/19	17:30	71.06N	168.75W	RS41-SGP	M0230283	257	0.61	N/A	0.1	N/A	
16092000.dat	2016/09/19	23:30	70.30N	168.73W	RS41-SGP	M0230083	257	0.64	N/A	0.2	N/A	
16092006.dat	2016/09/20	05:29	69.42N	168.75W	RS41-SGP	M0210219	260	0.55	N/A	0.1	N/A	Rain
16092009.dat	2016/09/20	08:30	69.00N	168.75W	RS41-SGP	M0220040	259	0.45	N/A	0.2	N/A	Rain
16092012.dat	2016/09/20	11:30	68.51N	168.75W	RS41-SGP	M0210242	260	0.59	N/A	0.2	N/A	Rain
16092018.dat	2016/09/20	17:30	67.75N	168.75W	RS41-SGP	M0230070	258	0.83	N/A	0.1	N/A	Drizzle
16092100.dat	2016/09/20	23:30	67.87N	168.25W	RS41-SGP	M0230071	258	0.59	N/A	0.1	N/A	
16092106.dat	2016/09/21	05:30	68.30N	167.06W	RS41-SGP	M0220038	260	0.59	N/A	0.2	N/A	Fog
16092112.dat	2016/09/21	11:30	67.65N	168.66W	RS41-SGP	M0210239	261	0.57	N/A	0.1	N/A	
16092118.dat	2016/09/21	17:30	67.20N	168.90W	RS41-SGP	M0230068	259	0.71	N/A	0.1	N/A	
16092200.dat	2016/09/21	23:29	66.40N	168.90W	RS41-SGP	M0210245	261	0.29	N/A	0.1	N/A	Drizzle
16092206.dat	2016/09/22	05:30	65.76N	168.77W	RS41-SGP	M0210243	262	0.46	N/A	0.2	N/A	
16092212.dat	2016/09/22	11:21	65.35N	168.96W	RS41-SGP	M0210235	262	0.71	N/A	0.1	N/A	
16092218.dat	2016/09/22	17:30	65.10N	169.68W	RS41-SGP	M0210225	262	0.72	N/A	0.1	N/A	
16092300.dat	2016/09/22	23:30	64.95N	169.48W	RS41-SGP	M0210249	262	0.36	N/A	0.2	N/A	
16092306.dat	2016/09/23	05:30	64.50N	168.17W	RS41-SGP	M0210248	263	0.94	N/A	0.2	N/A	
16092312.dat	2016/09/23	11:30	64.36N	166.68W	RS41-SGP	M0210237	263	0.63	N/A	0.2	N/A	
16092400.dat	2016/09/23	23:30	64.37N	166.67W	RS41-SGP	M0210240	263	0.34	N/A	0.1	N/A	
16092406.dat	2016/09/24	05:30	64.37N	169.37W	RS41-SGP	M0210224	264	0.57	N/A	0.2	N/A	Rain
16092412.dat	2016/09/24	11:30	63.93N	172.16W	RS41-SGP	M0210238	264	0.22	N/A	0.1	N/A	
16092418.dat	2016/09/24	17:31	62.89N	173.62W	RS41-SGP	M0210246	264	0.41	N/A	0.1	N/A	
16092500.dat	2016/09/24	23:42	61.82N	175.10W	RS41-SGP	M0220079	263	0.41	N/A	0.1	N/A	
16092506.dat	2016/09/25	05:30	60.91N	176.32W	RS41-SGP	M0230134	263	0.62	N/A	0.1	N/A	
16092512.dat	2016/09/25	11:30	59.93N	177.60W	RS41-SGP	L5120155	285	0.52	N/A	0.4	N/A	Rain
16092518.dat	2016/09/25	17:30	58.98N	178.85W	RS41-SGP	M0230084	263	0.59	N/A	0.1	N/A	
16092600.dat	2016/09/25	23:30	58.31N	179.74E	RS41-SGP	M0230067	263	0.81	N/A	0.1	N/A	
16092606.dat	2016/09/26	05:30	57.52N	178.28E	RS41-SGP	M0230072	264	0.59	N/A	0.2	N/A	
16092612.dat	2016/09/26	11:30	56.71N	176.74E	RS41-SGP	M0230136	264	1.05	N/A	0.1	N/A	
16092618.dat	2016/09/26	17:30	55.86N	175.16E	RS41-SGP	M0230137	264	0.41	N/A	0.2	N/A	
16092700.dat	2016/09/26	23:30	55.06N	173.77E	RS41-SGP	M0220037	265	0.27	N/A	0.1	N/A	
16092706.dat	2016/09/27	05:31	54.41N	172.58E	RS41-SGP	M0220082	266	0.64	N/A	0.2	N/A	
16092712.dat	2016/09/27	11:30	53.96N	171.80E	RS41-SGP	M0220039	266	1.05	N/A	0.1	N/A	
16092718.dat	2016/09/27	17:31	53.37N	170.78E	RS41-SGP	M0230278	265	0.27	N/A	0.1	N/A	
16092800.dat	2016/09/27	23:31	52.57N	169.80E	RS41-SGP	M0220080	266	0.87	N/A	0.2	N/A	
16092806.dat	2016/09/28	05:30	51.65N	168.75E	RS41-SGP	M0210228	268	0.67	N/A	0.2	N/A	
16092812.dat	2016/09/28	11:30	50.74N	167.54E	RS41-SGP	M0220081	267	0.41	N/A	0.3	N/A	Rain

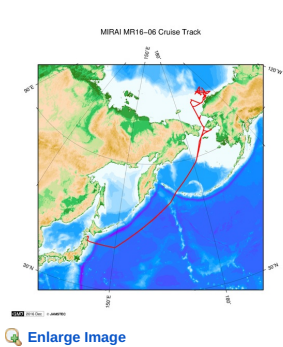
Reference

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



MR16-06

Ship Name: MIRAI
Period: 2016-08-22 - 2016-10-05
Chief Scientist: Shigeto Nishino (JAMSTEC)
Project Name: [Arctic Ocean Climate System Reaserch]
Proposal ▶ Predictability study on weather and sea-ice forecasts linked with user engagement
Title:

Update History

2018-10-23 An observation data was registered.

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

Dive ID:

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MIRAI MR16-06 Radiosonde

Last Modified: 2018-10-23

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

Cruise ID: **MR16-06**

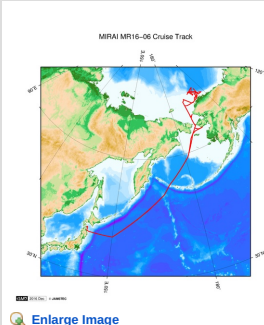
Radiosonde: Processed (DMO)-Corrected

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



MR16-06

Ship Name: MIRAI

Period: 2016-08-22 - 2016-10-05

Chief Scientist: Shigeto Nishino (JAMSTEC)

Project Name: [Arctic Ocean Climate System Reaserch]

Proposal ▶ Predictability study on weather and sea-ice forecasts linked with user engagement

Title:

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2018-10-23 An observation data was registerd.

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6K Sonar DEEP TOW
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SAMPLER (SHELL)
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SAMPLER (CLOW)
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Cruise ID:

Go to a Dive Information

Dive ID:

MIRAI MR16-06 Radiosonde

Last Modified: 2018-10-23

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

Cruise ID: [MR16-06](#)

Radiosonde: Processed (DMO)-Corrected

Data Policy: [JAMSTEC](#)

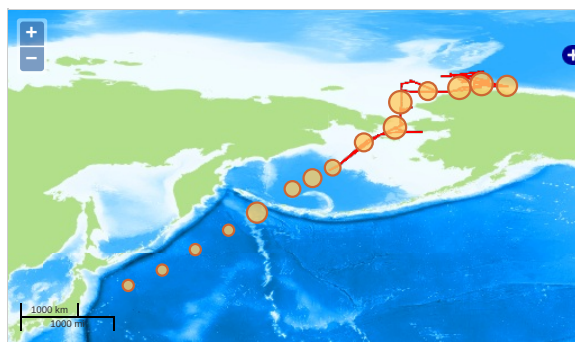
Observation Items: Atmospheric pressure, Air temperature, Dew point temperature, Relative humidity, Wind speed (zonal, meridional), Height

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

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

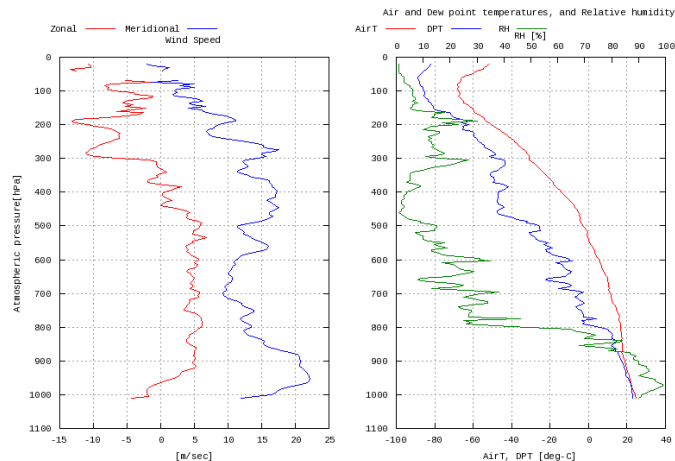


— ... Observation Line — ... Navigation ● ... Observation, Dive Point, Hole

Figures

16082300

MR16-06: 16082300
Radiosonde



Data List

[Add to Basket](#)

☐ File names

☐ 16082300.dat

☐ 16082312.dat

☐ 16082400.dat

☐ 16082412.dat

☐ 16082500.dat

☐ 16082512.dat

☐ 16082600.dat

☐ 16082612.dat

☐ 16082700.dat




☐ 16082712.dat

☐ 16082800.dat

☐ 16082812.dat

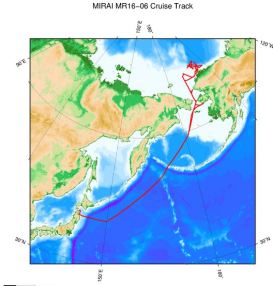
☐ 16082900.dat

☐ 16082912.dat

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	16083112.dat
	16083118.dat
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	16090106.dat
	16090112.dat
	16090118.dat
	16090200.dat
	16090206.dat
	16090212.dat
	16090218.dat
	16090300.dat
	16090306.dat
	16090312.dat
	16090318.dat
	16090400.dat
	16090406.dat
	16090412.dat
	16090418.dat
	16090500.dat
	16090506.dat
	16090512.dat
	16090518.dat
	16090600.dat
	16090606.dat
	16090612.dat
	16090618.dat
	16090700.dat
	16090703.dat
	16090706.dat
	16090712.dat
	16090715.dat
	16090718.dat
	16090800.dat
	16090806.dat
	16090812.dat
	16090818.dat
	16090900.dat
	16090906.dat
	16090912.dat
	16090918.dat
	16091000.dat
	16091006.dat
	16091012.dat
	16091018.dat
	16091100.dat
	16091106.dat
	16091112.dat
	16091118.dat
	16091200.dat
	16091206.dat
	16091212.dat
	16091218.dat
	16091300.dat
	16091306.dat
	16091312.dat
	16091318.dat
	16091400.dat
	16091406.dat
	16091412.dat
	16091418.dat
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	16091618.dat
	16091621.dat
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	16091706.dat
	16091712.dat
	16091718.dat

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<input type="checkbox"/>	16092812.dat

Related Information



MR16-06 Cruise Track

Enlarge Image

MR16-06

Ship Name: MIRAI
Period: 2016-08-22 - 2016-10-05
Chief Scientist: Shigeto Nishino (JAMSTEC)
Project Name: [Arctic Ocean Climate System Reaserch]
Proposal ▶ Predictability study on weather and sea-ice forecasts linked with user engagement
Title:

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URASHIMA

YOKOSUKA DEEP TOW

6K Camera DEEP TOW

6K Sonar DEEP TOW

KM-ROV

POWER GRAB SAMPLER (SHELL)

Go to a Cruise Information

Cruise ID:

Go

Go to a Dive Information

Dive ID:

Go

POWER GRAB SAMPLER
(CLOW)
BMS

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