

Deep Water Moorings - data currently available via the portal



Data summary - report run on Thursday 31 August 2017

Headers:	Type of file (i.e. aggregated vs. daily).
Sub-headers:	Sub-facility name - Platform name - Data type.
# deployments:	Total number of times that the mooring has been deployed.
# FV1:	Total number of quality controlled data sets.
# FV2:	Total number of derived products.
Start:	Earliest deployment date (time zone: UTC, format: dd/mm/yyyy).
End:	Latest date for which data has been recorded (time zone: UTC, format: dd/mm/yyyy).
# days of data:	Number of days between the data recording start and end dates.
% coverage:	Number of days with data as a percentage of the time coverage (i.e. % coverage = Data coverage (days)/Time coverage (days) x 100).
Deep Water Moorings:	http://imos.org.au/deepwatermoorings.html .
ASFS:	Air-Sea Flux Stations sub-facility.
DA:	Deepwater arrays (http://imos.org.au/deepwaterarrays.html).
EAC:	East Australian Current array.
ITF:	Indonesian Throughflow array.
SAZ:	Sub-Antarctic Zone.
SOFS:	Southern Ocean Flux Station.
SOTS:	Southern Ocean Time Series sub-facility (http://imos.org.au/sots.html).

Data category	# deployments	# FV1	# FV2	Start	End	# days of data	% coverage
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Aggregated files

ASFS-SOFS - Delayed-mode

Sub-surface CTD	5	35	0	24/02/2010	07/02/2136	46,003	100
Sub-surface currents	5	10	0	17/03/2010	27/04/2016	1,417	63
Surface fluxes	5	0	5	17/03/2010	13/04/2016	1,327	60
Surface properties	5	5	0	24/02/2010	26/04/2016	2,014	89
Surface waves	4	1	0	17/03/2010	18/01/2016	774	36

ASFS-SOFS - Real-time

Surface waves	1	0	0	19/03/2017	31/08/2017	165	100
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DA-EAC0500 - Delayed-mode

CTD timeseries	1	4	0	15/05/2015	10/11/2016	546	100
Temperature	1	5	0	15/05/2015	11/11/2016	546	100
Velocity	1	3	0	15/05/2015	11/11/2016	546	100

Data category	# deployments	# FV1	# FV2	Start	End	# days of data	% coverage
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DA-EAC1 - Delayed-mode

CTD timeseries	1	4	0	19/04/2012	26/08/2013	494	100
Temperature	1	10	0	20/04/2012	24/08/2013	491	100
Velocity	1	3	0	20/04/2012	28/08/2013	495	100

DA-EAC2000 - Delayed-mode

CTD timeseries	1	7	0	15/05/2015	10/11/2016	546	100
Temperature	1	10	0	15/05/2015	11/11/2016	546	100
Velocity	1	6	0	15/05/2015	10/11/2016	545	100

DA-EAC2 - Delayed-mode

CTD timeseries	1	3	0	19/04/2012	26/08/2013	493	100
Temperature	1	14	0	20/04/2012	25/08/2013	492	100
Velocity	1	6	0	20/04/2012	28/08/2013	495	100

DA-EAC3200 - Delayed-mode

CTD timeseries	1	10	0	15/05/2015	07/11/2016	543	100
Temperature	1	11	0	15/05/2015	07/11/2016	543	100
Velocity	1	7	0	15/05/2015	08/11/2016	543	100

DA-EAC3 - Delayed-mode

CTD timeseries	1	5	0	19/04/2012	26/08/2013	493	100
Temperature	1	16	0	20/04/2012	26/08/2013	493	100
Velocity	1	9	0	20/04/2012	28/08/2013	495	100

DA-EAC4200 - Delayed-mode

CTD timeseries	1	10	0	15/05/2015	05/11/2016	540	100
Temperature	1	11	0	15/05/2015	05/11/2016	540	100
Velocity	1	8	0	15/05/2015	05/11/2016	540	100

DA-EAC4700 - Delayed-mode

CTD timeseries	1	8	0	15/05/2015	02/11/2016	537	100
Temperature	1	13	0	15/05/2015	02/11/2016	537	100
Velocity	1	8	0	15/05/2015	02/11/2016	537	100

DA-EAC4800 - Delayed-mode

CTD timeseries	1	9	0	15/05/2015	31/10/2016	535	100
Temperature	1	14	0	15/05/2015	31/10/2016	535	100
Velocity	1	8	0	15/05/2015	30/10/2016	535	100

DA-EAC4 - Delayed-mode

Data category	# deployments	# FV1	# FV2	Start	End	# days of data	% coverage
CTD timeseries	1	5	0	19/04/2011	27/08/2013	861	100
Temperature	1	15	0	20/04/2012	27/08/2013	494	100
Velocity	1	9	0	20/04/2012	28/08/2013	495	100

DA-EAC5 - Delayed-mode

CTD timeseries	1	2	0	19/04/2012	28/08/2013	496	100
Temperature	1	12	0	20/04/2012	28/08/2013	495	100
Velocity	1	7	0	20/04/2012	28/08/2013	495	100

DA-ITFOMB - Delayed-mode

CTD timeseries	3	28	0	09/06/2011	22/10/2015	1,595	100
Temperature	3	51	0	09/06/2011	22/10/2015	1,595	100
Velocity	3	15	0	10/06/2011	21/10/2015	1,594	100

DA-ITFTIN - Delayed-mode

CTD timeseries	2	17	0	09/06/2011	17/04/2014	1,043	100
Temperature	2	12	0	09/06/2011	17/04/2014	1,041	100
Velocity	2	11	0	10/06/2011	16/04/2014	1,042	100

DA-ITFTNS - Delayed-mode

CTD timeseries	1	10	0	16/04/2014	27/10/2015	560	100
Temperature	1	11	0	16/04/2014	27/10/2015	560	100
Velocity	1	4	0	16/04/2014	27/10/2015	559	100

DA-ITFTSL - Delayed-mode

CTD timeseries	3	27	0	09/06/2011	26/10/2015	1,599	100
Temperature	3	21	0	09/06/2011	26/10/2015	1,600	100
Velocity	3	21	0	26/05/2011	25/10/2015	1,614	100

DA-POLYNYA1 - Delayed-mode

CTD timeseries	1	4	0	21/01/2011	17/01/2015	1,457	100
Velocity	1	1	0	10/01/2011	29/01/2011	19	100

DA-POLYNYA2 - Delayed-mode

Biogeochemistry	1	2	0	21/01/2011	17/01/2015	1,457	100
CTD timeseries	1	2	0	21/01/2011	17/01/2015	1,457	100
Velocity	1	1	0	10/01/2011	25/01/2011	15	100

DA-TOTTEN1 - Delayed-mode

Biogeochemistry	1	1	0	18/02/2014	03/01/2015	320	100
CTD timeseries	1	3	0	17/02/2014	03/01/2015	320	100

Data category	# deployments	# FV1	# FV2	Start	End	# days of data	% coverage
Velocity	1	1	0	04/02/2014	03/01/2015	334	100

DA-TOTTEN2 - Delayed-mode

CTD timeseries	1	4	0	17/02/2014	03/01/2015	320	100
Velocity	1	1	0	04/02/2014	03/01/2015	334	100

DA-TOTTEN3 - Delayed-mode

Biogeochemistry	1	1	0	18/02/2014	03/01/2015	320	100
CTD timeseries	1	3	0	17/02/2014	03/01/2015	320	100
Velocity	1	1	0	04/02/2014	03/01/2015	334	100

SOTS-FluxPulse - Delayed-mode

FluxPulse	1	0	1	16/03/2016	23/06/2016	99	99
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SOTS-FluxPulse - Real-time

FluxPulse	1	0	0	16/03/2016	27/06/2016	103	100
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SOTS-Pulse - Delayed-mode

Biogeochemistry	6	16	0	28/09/2009	03/04/2016	2,049	86
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SOTS-Pulse - Real-time

Biogeochemistry	1	0	0	25/03/2015	17/03/2016	358	100
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SOTS-SAZ47 - Delayed-mode

CTD timeseries	4	4	0	10/07/2012	22/03/2017	1,717	100
Sediment traps	2	8	0	01/08/2012	01/05/2014	639	100
Temperature	4	6	0	14/07/2012	29/03/2017	1,719	100
Velocity	6	6	0	07/09/2010	23/03/2017	2,389	100

Daily files

ASFS-SOFS - Delayed-mode

Surface fluxes	2	0	362	17/03/2010	13/03/2011	360	100
Surface properties	2	388	0	17/03/2010	08/04/2011	386	100

ASFS-SOFS - Real-time

Surface fluxes	10	0	1049	17/03/2010	17/04/2017	1,136	44
Surface properties	12	1595	0	17/03/2010	29/08/2017	1,621	60
Surface waves	3	350	0	17/03/2010	24/06/2013	349	29

Sub-facility	Type of file	Total number of platforms:	Total number of data categories:	Total number of deployments:	Total number of FV1 files:	Total number of FV2 files:	Temporal range:
ASFS	Aggregated files	1	5	25	51	5	24/02/2010 - 07/02/2136
ASFS	Daily files	1	3	29	2,333	1,411	17/03/2010 - 29/08/2017
DA	Aggregated files	20	4	73	525	0	10/01/2011 - 11/11/2016
SOTS	Aggregated files	3	6	25	40	1	28/09/2009 - 29/03/2017
TOTAL		24	11	152	2,949	1,417	28/09/2009 - 07/02/2136
