

Deep Water Moorings - data currently available via the portal



Data summary - report run on Thursday 01 November 2018

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	4	10	0	17/03/2010	28/10/2013	921	70
Sub-surface currents	3	6	0	17/03/2010	26/04/2016	987	44
Surface fluxes	4	0	4	17/03/2010	13/04/2016	1,160	52
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	09/11/2017	235	100
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DA-EAC0500 - Delayed-mode

CTD timeseries	2	10	0	15/05/2015	04/05/2018	1,085	100
Temperature	2	10	0	15/05/2015	04/05/2018	1,085	100
Velocity	2	6	0	15/05/2015	03/05/2018	1,084	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	2	16	0	15/05/2015	04/05/2018	1,085	100
Temperature	2	21	0	15/05/2015	04/05/2018	1,085	100
Velocity	2	12	0	15/05/2015	06/05/2018	1,088	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	2	20	0	15/05/2015	01/05/2018	1,082	100
Temperature	2	21	0	15/05/2015	01/05/2018	1,082	100
Velocity	2	13	0	15/05/2015	30/04/2018	1,081	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	2	20	0	15/05/2015	26/04/2018	1,078	100
Temperature	2	22	0	15/05/2015	27/04/2018	1,078	100
Velocity	2	16	0	15/05/2015	27/04/2018	1,078	100

DA-EAC4700 - Delayed-mode

CTD timeseries	2	17	0	15/05/2015	24/04/2018	1,076	100
Temperature	2	26	0	15/05/2015	24/04/2018	1,076	100
Velocity	2	16	0	15/05/2015	23/04/2018	1,074	100

DA-EAC4800 - Delayed-mode

CTD timeseries	2	18	0	15/05/2015	21/04/2018	1,072	100
Temperature	2	26	0	15/05/2015	21/04/2018	1,072	100
Velocity	2	16	0	15/05/2015	21/04/2018	1,072	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-Flux Pulse - Delayed-mode

null	1	2	0	01/03/2016	08/07/2016	129	100
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SOTS-FluxPulse - Delayed-mode

null	1	1	1	03/03/2016	15/08/2016	165	100
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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	9	0	28/09/2009	03/04/2016	1,972	83
null	6	149	0	22/09/2009	03/04/2016	1,765	74

SOTS-Pulse - Real-time

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

Temperature	1	0	0	10/03/2016	29/03/2017	384	100
Velocity	1	0	0	14/03/2016	23/03/2017	374	100
null	7	42	0	07/09/2010	11/03/2018	2,742	100

SOTS-SOFS - Delayed-mode

null	6	235	10	30/11/2009	18/02/2018	3,003	100
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SOTS-SOFS - Real-time

null	1	0	0	22/08/2018	01/11/2018	71	100
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Daily files

ASFS-SOFS - Delayed-mode

Surface fluxes	2	0	362	17/03/2010	13/03/2011	360	100
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Data category	# deployments	# FV1	# FV2	Start	End	# days of data	% coverage
Surface properties	2	388	0	17/03/2010	08/04/2011	386	100

ASFS-SOFS - Real-time

Surface fluxes	11	0	1306	17/03/2010	31/10/2018	1,391	44
Surface properties	13	1714	0	17/03/2010	31/10/2018	1,739	55
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	21	22	4	24/02/2010 - 09/11/2017
ASFS	Daily files	1	3	31	2,451	1,667	17/03/2010 - 30/10/2018
DA	Aggregated files	20	4	91	679	0	10/01/2011 - 06/05/2018
SOTS	Aggregated files	5	4	32	438	11	22/09/2009 - 31/10/2018
TOTAL		25	10	175	3,590	1,682	22/09/2009 - 31/10/2018