

Deep Water Moorings - data currently available via the portal



Data summary - report run on Tuesday 31 October 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 |
|---------------|---------------|-------|-------|-------|-----|----------------|------------|
|---------------|---------------|-------|-------|-------|-----|----------------|------------|

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 | 31/10/2017 | 226 | 100 |
|---------------|---|---|---|------------|------------|-----|-----|

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 |
|---------------|---------------|-------|-------|-------|-----|----------------|------------|
|---------------|---------------|-------|-------|-------|-----|----------------|------------|

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 |
|-----------|---|---|---|------------|------------|----|----|

SOTS-FluxPulse - Real-time

| | | | | | | | |
|-----------|---|---|---|------------|------------|-----|-----|
| FluxPulse | 1 | 0 | 0 | 16/03/2016 | 27/06/2016 | 103 | 100 |
|-----------|---|---|---|------------|------------|-----|-----|

SOTS-Pulse - Delayed-mode

| | | | | | | | |
|-----------------|---|----|---|------------|------------|-------|----|
| Biogeochemistry | 6 | 16 | 0 | 28/09/2009 | 03/04/2016 | 2,049 | 86 |
|-----------------|---|----|---|------------|------------|-------|----|

SOTS-Pulse - Real-time

| | | | | | | | |
|-----------------|---|---|---|------------|------------|-----|-----|
| Biogeochemistry | 1 | 0 | 0 | 25/03/2015 | 17/03/2016 | 358 | 100 |
|-----------------|---|---|---|------------|------------|-----|-----|

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 | 1656 | 0 | 17/03/2010 | 30/10/2017 | 1,683 | 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 | 2,393 | 1,411 | 17/03/2010 - 29/10/2017 |
| 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 | 3,009 | 1,417 | 28/09/2009 - 07/02/2136 |
