

Ocean Gliders - data currently available via the portal



Data summary - report run on Tuesday 31 October 2017

“Note that there has been a drop in the total number of glider deployments in this data report compared to previous monthly reports. The drop is due to the migration of the IMOS data to a new storage facility. Work is underway to fix issues with the corresponding netCDF files.”

Headers:	Data type.
Sub-headers:	Deployment state.
# platforms:	Number of distinct seaglider and slocum glider platforms that have been deployed.
# deployments:	Number of seaglider and slocum glider deployments.
# slocum deployments:	Number of slocum glider deployments.
# seaglider deployments:	Number of seaglider deployments.
Start:	Earliest glider deployment date (format: dd/mm/yyyy).
End:	Latest glider recovery date (format: dd/mm/yyyy).
# days of data (range):	Number of days between the data recording start and end dates (minimum - maximum).
Ocean Gliders:	http://imos.org.au/oceangliders.html .

Deployment location	# platforms	# deployments	# slocum deployments	# seaglider deployments	# measurements	Start	End	# days of data (range)
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Delayed mode data

NSW

Coffs	1	1	1	0	1,169,323	12/11/2011	28/11/2011	16.5 - 16.5
CrowdyHead	2	2	1	1	1,232,873	01/10/2009	03/12/2010	17.1 - 116.2
Harrington	1	1	1	0	308,184	17/03/2009	09/04/2009	23.1 - 23.1
NSW	4	5	4	1	3,630,782	19/10/2009	31/08/2011	15.3 - 59.4
PortStephens	3	3	3	0	773,456	25/11/2008	29/03/2010	15.6 - 21.0
Sydney	1	2	0	2	1,165,738	23/03/2013	21/07/2013	51.7 - 64.9
Yamba	5	22	22	0	19,015,624	19/06/2012	29/08/2017	2.0 - 28.2

QLD

AIMS	1	2	2	0	317,585	21/10/2015	15/12/2015	5.9 - 19.8
Cairns	2	4	4	0	3,577,329	30/11/2015	07/08/2016	11.9 - 28.8
CharlotteBay	1	1	1	0	30,253	24/11/2015	27/11/2015	2.8 - 2.8
Cooktown	3	4	4	0	2,454,733	16/02/2016	23/08/2016	4.2 - 27.0
CoralSea	3	4	0	4	3,177,998	01/06/2010	29/09/2013	18.6 - 147.8

Deployment location	# platforms	# deployments	# slocum deployments	# seaglider deployments	# measurements	Start	End	# days of data (range)
GBR	2	2	2	0	1,921,712	03/11/2015	09/04/2017	16.9 - 29.9
Heron	3	12	12	0	2,391,373	28/11/2012	30/05/2015	9.1 - 21.1
Lizard	3	4	0	5	2,406,095	30/04/2014	20/05/2017	21.8 - 90.0
LizardIsland	1	1	0	1	482,410	24/10/2013	17/12/2013	54.0 - 54.0

SA

GAB	3	3	0	3	1,468,077	16/09/2014	25/05/2016	26.2 - 75.6
SpencerGulf	8	17	17	0	12,123,869	16/07/2008	18/06/2015	8.0 - 26.8

SEA IMOS

BassStrait	1	2	2	0	1,486,598	01/03/2016	07/04/2017	17.0 - 19.0
Bicheno	4	4	0	4	3,621,140	22/04/2009	14/07/2011	59.3 - 142.8
Marialsland	1	1	0	1	492,625	13/02/2009	13/04/2009	59.9 - 59.9
Portland	3	5	4	1	5,251,256	26/05/2009	21/05/2017	24.2 - 69.2
SOTS	2	3	0	3	2,538,131	20/03/2010	31/08/2011	25.0 - 133.4
StormBay	3	31	31	0	31,228,807	05/08/2011	25/05/2017	8.8 - 56.0

WA

Bremer	2	2	1	1	1,097,479	21/02/2013	13/04/2017	19.6 - 33.0
Kalbarri	3	3	1	2	1,441,453	19/05/2009	16/01/2010	14.1 - 57.0
Kimberley	5	14	15	0	17,737,096	21/11/2011	11/06/2015	18.8 - 24.0
Leeuwin	5	8	0	8	4,585,509	22/05/2013	03/07/2017	31.5 - 81.8
Ningaloo	2	2	1	1	782,058	06/09/2010	04/05/2017	8.0 - 42.0
Perth	4	4	0	4	2,452,516	26/10/2010	12/10/2011	35.8 - 107.8
PerthCanyon	1	1	1	0	506,000	06/12/2012	18/12/2012	12.8 - 12.8
Pilbara	5	13	13	0	12,869,162	11/02/2012	29/03/2015	15.8 - 25.8
TwoRocks	10	48	48	0	32,023,408	21/06/2008	21/08/2017	1.6 - 31.0

Near real-time data

WA

Challenger	1	1	1	0	385,273	05/11/2016	18/09/2017	317.6 - 317.6
Leeuwin	1	1	0	1	1,867,218	13/10/2016	13/10/2016	0.0 - 0.0
TwoRocks	1	1	1	0	32,974	12/10/2017	30/10/2017	17.9 - 17.9

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Forster	1	1	1	0	41,372	11/09/2017	01/10/2017	20.6 - 20.6
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	Near real-time data	Delayed mode data	TOTAL
Total number of deployment locations:	4	33	35
Total number of deployments:	4	231	234
Total number of slocum deployments:	3	191	194
Total number of seaglider deployments:	1	42	43
Total number of measurements:	2,326,837	175,760,652	178,087,489
Temporal range:	13/10/2016 - 30/10/2017	21/06/2008 - 29/08/2017	21/06/2008 - 30/10/2017
Latitudinal range:	-33.7 - 5.3	-47.1 - -11.3	-47.1 - 5.3
Longitudinal range:	79.4 - 152.8	108.9 - 156.0	79.4 - 156.0
Depth range:	1006.0 - 1006.0	27.1 - 1024.6	27.1 - 1024.6

Breakdown by IMOS Node

	NSW	QLD	SA	SEA	WA
Total number of deployment locations:	7	9	2	6	10
Total number of deployments:	36	34	20	46	98
Total number of slocum deployments:	32	25	17	37	82
Total number of seaglider deployments:	4	10	3	9	17
Total number of measurements:	27,295,980	16,759,488	13,591,946	44,618,557	75,780,146
Temporal range:	25/11/2008 - 29/08/2017	01/06/2010 - 20/05/2017	16/07/2008 - 25/05/2016	13/02/2009 - 25/05/2017	21/06/2008 - 30/10/2017
