

# Ocean Gliders - data currently available via the portal



Data summary - report run on Monday 28 May 2018

**“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.”**

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

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	2	4,236,360	01/10/2009	03/12/2010	17.1 - 116.2
Forster	2	2	2	0	1,757,094	11/09/2017	26/02/2018	20.7 - 22.7
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	1,164,935	23/03/2013	21/07/2013	51.7 - 64.9
Yamba	5	23	23	0	20,186,097	19/06/2012	12/12/2017	2.0 - 28.9

### 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

Deployment location	# platforms	# deployments	# slocum deployments	# seaglider deployments	# measurements	Start	End	# days of data (range)
CoralSea	3	4	0	4	3,177,562	01/06/2010	29/09/2013	18.6 - 147.8
GBR	2	4	4	0	4,484,464	03/11/2015	25/03/2018	16.9 - 31.1
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	1,467,905	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	2	3	3	0	2,712,599	01/03/2016	03/04/2018	17.0 - 29.6
Bicheno	4	4	0	5	6,758,040	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	7	6	1	7,539,598	26/05/2009	10/04/2018	24.2 - 69.2
SOTS	2	3	0	3	2,537,245	20/03/2010	31/08/2011	25.0 - 133.2
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	1,441,452	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	4,584,372	22/05/2013	03/07/2017	31.5 - 81.8
Ningaloo	2	2	1	2	2,156,736	06/09/2010	04/05/2017	8.0 - 42.0
Perth	4	4	0	4	2,452,951	26/10/2010	11/10/2011	36.3 - 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	11	50	50	0	32,838,640	21/06/2008	05/05/2018	1.6 - 31.0

## Near real-time data

### NSW

Forster	1	1	1	0	48,372	05/05/2018	27/05/2018	22.6 - 22.6
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### QLD

GBR	1	1	1	0	8,020	03/05/2018	07/05/2018	3.8 - 3.8
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### SEA IMOS

BassStrait	1	2	2	0	81,513	27/02/2018	14/05/2018	1.3 - 38.0
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Deployment location	# platforms	# deployments	# slocum deployments	# seaglider deployments	# measurements	Start	End	# days of data (range)
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	48,933	03/05/2018	23/05/2018	19.8 - 19.8

## null

Brisbane	4	4	0	4	1,822,422	06/03/2018	24/05/2018	2.8 - 65.3
JervisBay	2	2	2	0	90,964	02/05/2018	26/05/2018	23.7 - 23.9

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	Near real-time data	Delayed mode data	TOTAL
Total number of deployment locations:	8	34	37
Total number of deployments:	13	241	253
Total number of slocum deployments:	8	201	209
Total number of seaglider deployments:	5	45	50
Total number of measurements:	4,352,715	193,092,611	197,445,326
Temporal range:	13/10/2016 - 27/05/2018	21/06/2008 - 05/05/2018	21/06/2008 - 27/05/2018
Latitudinal range:	-41.0 - 5.3	-47.1 - -11.3	-47.1 - 5.3
Longitudinal range:	79.4 - 155.6	108.9 - 156.0	79.4 - 156.0
Depth range:	988.1 - 1010.1	27.1 - 1035.5	27.1 - 1035.5

## Breakdown by IMOS Node

	NSW	QLD	SA	SEA	WA
Total number of deployment locations:	8	9	2	6	10
Total number of deployments:	40	37	20	51	100
Total number of slocum deployments:	36	28	17	42	84
Total number of seaglider deployments:	5	10	3	10	18
Total number of measurements:	33,274,603	19,329,824	13,591,774	51,350,427	77,985,312
Temporal range:	25/11/2008 - 27/05/2018	01/06/2010 - 07/05/2018	16/07/2008 - 25/05/2016	13/02/2009 - 14/05/2018	21/06/2008 - 23/05/2018