

Satellite Remote Sensing - data currently available via the portal



Data summary - report run on Tuesday 31 October 2017

Headers:	Name of SRS sub-facility.
Site/Parameter:	Calibration and validation sites and locations (SRS - Altimetry sub-facility), parameter measured (SRS - Bio-optical and Gridded products) or vessel name (SRS - Ocean colour calibration).
# sensors/vessels:	Number of sensors used at each calibration and validation site (SRS – Altimetry) or number of distinct vessels that have measured each parameter (SRS – Bio-optical).
# deployments/products:	Number of distinct deployment IDs (SRS – Altimetry, Bio-optical, and Ocean colour calibration) or number of distinct data products for each parameter (SRS – Gridded products).
# measurements:	Number of measurements collected or number of gridded images (SRS - Gridded products).
Start:	Data recording earliest date (format: dd/mm/yyyy).
End:	Data recording latest date (format: dd/mm/yyyy).
# days of data (range):	Number of days between the data recording start and end dates (Minimum - maximum).
Satellite Remote Sensing:	http://imos.org.au/srs.html
SRS - Altimetry:	http://imos.org.au/srscalval.html
SRS - Bio-Optical database:	Bio-optical database of Australian waters (http://imos.org.au/bwg.html)
SRS - Gridded products:	http://imos.org.au/sstproducts.html
SRS - Ocean Colour Calibration:	http://imos.org.au/oceancolour.html

Site/Parameter	# sensors/vessels	# deployments /products	# measurements	Start	End	# days of data (range)
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SRS - Altimetry

Bass Strait	3	3	1,946,776	07/01/2008	12/03/2015	2415.9 - 2621.8
Bass Strait, TAS	3	0	2,942,054	03/02/2014	05/04/2017	197.1 - 1156.2
Storm Bay	3	3	2,157,916	05/04/2009	15/03/2015	394.8 - 2171.0
Storm Bay, TAS	2	0	922,928	03/03/2014	16/09/2016	706.8 - 927.9

SRS - Bio-optical Database

Absorption	30	100	49,076	01/12/1997	10/12/2015	0.0 - 701.2
Backscattering	6	96	14,351	21/10/2002	23/04/2008	0.0 - 24.8
Pigment	38	131	264,372	20/01/1996	10/12/2015	0.2 - 1587.2
Suspended matter	23	28	17,453	05/06/2002	10/12/2015	1.0 - 701.2

SRS - Gridded Products

Chlorophyll a	0	12	45,668	29/08/1997	28/10/2017	3440.0 - 5594.0
SST	0	10	94,912	20/03/1992	30/10/2017	3171.0 - 9354.0

SRS - Ocean Colour Calibration

Site/Parameter	# sensors/vessels	# deployments /products	# measurements	Start	End	# days of data (range)
Lucinda Jetty Coastal Observatory	0	1	580	31/05/2010	12/06/2010	12.4 - 12.4
Solander	0	11	1,178,940	30/07/2013	23/05/2017	0.0 - 15.1
Southern Surveyor	0	25	2,320,303	29/07/2011	02/10/2013	0.0 - 24.2

	Altimetry	Bio-Optical	Gridded products	Ocean colour calibration
Total number of sites/parameters:	4	4	2	3
Total number of deployments/products:	6	355	22	37
Total number of sensors/vessels:	11	97	0	0
Total number of measurements:	7,969,674	345,252		3,499,823
Total number of gridded images:			140,571	
Temporal range:	07/01/2008 - 05/04/2017	20/01/1996 - 10/12/2015	20/03/1992 - 30/10/2017	31/05/2010 - 23/05/2017