

Satellite Remote Sensing - data currently available via the portal



Data summary - report run on Monday 28 May 2018

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	4,132,394	03/02/2014	26/09/2017	372.0 - 1330.2
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	32	114	136,893	01/12/1997	21/11/2016	0.0 - 1554.1
Backscattering	6	96	14,351	21/10/2002	23/04/2008	0.0 - 24.8
Pigment	54	156	1,279,046	07/03/1985	21/11/2016	0.0 - 5120.7
Suspended matter	37	62	546,848	14/02/1997	21/11/2016	0.0 - 4709.4

SRS - Gridded Products

Chlorophyll a	0	12	47,308	29/08/1997	21/05/2018	3440.0 - 5799.0
SST	0	10	97,668	20/03/1992	21/05/2018	3331.0 - 9514.0

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	12	1,230,293	30/07/2013	14/02/2018	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	428	22	38
Total number of sensors/vessels:	11	129	0	0
Total number of measurements:	9,160,014	1,977,138		3,551,176
Total number of gridded images:			144,976	
Temporal range:	07/01/2008 - 26/09/2017	07/03/1985 - 21/11/2016	20/03/1992 - 21/05/2018	31/05/2010 - 14/02/2018