

# Wireless Sensor Network - data currently available via the portal



Data summary - report run on Thursday 28 June 2018

<b># platforms:</b>	Number of relay poles and sensor floats forming the sensor network. Relay poles typically transmit data recorded by multiple sensors mounted on sensor floats to a base station, which has a high-speed link back to the Australian mainland.
<b># QC'd data:</b>	Number of sensors for which quality controlled data is transmitted.
<b>Start:</b>	Data recording earliest date (format: dd/mm/yyyy).
<b>End:</b>	Data recording latest date (format: dd/mm/yyyy).
<b># years of data (range):</b>	Number of years between the data recording start and end dates (minimum - maximum).
<b>Wireless Sensor Network:</b>	<a href="http://imos.org.au/wirelessnetworks.html">http://imos.org.au/wirelessnetworks.html</a>

Site name	# platforms	# sensors	# QC'd data	# parameters	# measurements	Start	End	# years of data (range)
Davies Reef	6	24	22	6	7,822,592	07/12/2009	25/06/2018	1.6 - 7.6
Heron Island	14	61	55	25	20,988,197	01/12/2008	25/06/2018	0.0 - 9.6
Lizard Island	6	60	53	25	15,653,241	13/08/2010	25/06/2018	0.3 - 7.9
Myrmidon Reef	1	1	1	1	170,635	03/05/2011	08/09/2015	4.4 - 4.4
MYRWS	1	1	1	1	296,171	02/05/2011	26/07/2017	6.2 - 6.2
One Tree Island	5	62	58	25	25,506,918	18/11/2008	22/05/2018	1.6 - 8.8
Orpheus Island	5	81	70	26	19,220,539	29/08/2009	11/09/2017	0.3 - 7.8
Rib Reef	1	19	17	5	3,371,643	14/12/2011	19/07/2017	1.8 - 5.6

<b>Total number of sites:</b>	<b>8</b>
<b>Total number of platforms:</b>	<b>39</b>
<b>Total number of distinct parameters:</b>	<b>26</b>
<b>Total number of sensors:</b>	<b>309</b>
<b>Total number of sensors with QAQC'd data:</b>	<b>277</b>
<b>Total number of measurements:</b>	<b>93,029,936</b>
<b>Total number of QAQC'd measurements:</b>	<b>83,365,677</b>
<b>Total number of non QAQC'd measurements:</b>	<b>9,664,259</b>
<b>Temporal range:</b>	<b>18/11/2008 - 25/06/2018</b>
<b>Latitudinal range:</b>	<b>-23.5 - -14.7</b>
<b>Longitudinal range:</b>	<b>145.4 - 152.1</b>
<b>Depth range:</b>	<b>0 - 22.6</b>