

Wireless Sensor Network - data currently available via the portal



Data summary - report run on Thursday 31 August 2017

# platforms:	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.
# QC'd data:	Number of sensors for which quality controlled data is transmitted.
Start:	Data recording earliest date (format: dd/mm/yyyy).
End:	Data recording latest date (format: dd/mm/yyyy).
# years of data (range):	Number of years between the data recording start and end dates (minimum - maximum).
Wireless Sensor Network:	http://imos.org.au/wirelessnetworks.html

Site name	# platforms	# sensors	# QC'd data	# parameters	# measurements	Start	End	# years of data (range)
Davies Reef	6	24	22	6	7,731,740	07/12/2009	30/08/2017	1.6 - 7.6
Heron Island	14	61	53	25	19,732,678	01/12/2008	28/08/2017	0.0 - 8.7
Lizard Island	6	60	53	25	14,163,562	13/08/2010	30/08/2017	0.3 - 7.0
Myrmidon Reef	1	1	1	1	170,559	03/05/2011	08/09/2015	4.4 - 4.4
MYRWS	1	1	1	1	293,411	03/05/2011	27/07/2017	6.2 - 6.2
One Tree Island	5	62	58	25	25,227,034	18/11/2008	30/08/2017	1.6 - 8.8
Orpheus Island	5	81	70	26	19,156,199	29/08/2009	30/08/2017	0.3 - 7.8
Rib Reef	1	19	17	5	3,370,428	14/12/2011	20/07/2017	1.8 - 5.6

Total number of sites:	8
Total number of platforms:	39
Total number of distinct parameters:	26
Total number of sensors:	309
Total number of sensors with QAQC'd data:	275
Total number of measurements:	89,845,611
Total number of QAQC'd measurements:	78,839,706
Total number of non QAQC'd measurements:	11,005,905
Temporal range:	18/11/2008 - 30/08/2017
Latitudinal range:	-23.5 - -14.7
Longitudinal range:	145.4 - 152.1
Depth range:	0 - 22.6