

# Standard port datum levels

## Height above Lowest Astronomical Tide (LAT)

Standard Port	Benchmark Number	Level Above LAT	AHD Above LAT	Standard Port	Benchmark Number	Level Above LAT	AHD Above LAT
Gold Coast Seaway	PM QGS564	6.688	0.760	Cape Ferguson	PM 74/09*	10.890	1.693
Brisbane Bar	PM 21764	3.102	1.243	Townsville	PM 10011	9.025	1.856
Mooloolaba	PM 14102	3.131	0.990	Lucinda (Offshore)	PM H&M 14	5.543	1.844
Noosa Head	PM 19728	3.781	1.123	Clump Point	PM 25794	6.648	1.678
Waddy Point (Fraser Island)	PM NMV/B/417	3.165	1.007	Mourilyan Harbour	PM 4855	5.037	1.729
Urangan	PM 11028	5.835	2.040	Cairns	PM 96052	5.008	1.643
Bundaberg (Burnett Heads)	PM 3853	6.061	1.693	Port Douglas	PM 10077	6.058	1.581
Gladstone	PM 10855	5.660	2.268	Leggatt Island	Mean Sea Level	1.691	N.A.
Port Alma	PM 22966	6.706	2.854	Twin Island	PM NMV/B/463	2.990	N.A.
Rosslyn Bay	PM 47784	6.640	2.360	Thursday Island	PM 10078	6.375	1.769
Hay Point	PM 38627	18.040	3.340	Goods Island	PM NMV/B/477	5.330	N.A.
Mackay Outer Harbour	PM 20035	10.595	2.941	Booby Island	PM BM1	10.770	N.A.
Bugatti Reef	PM BM. No. 1	2.330	N.A.	Weipa (Humbug Point)	PM 15094	7.287	1.752
Shute Harbour	PM 8295	5.103	1.907	Karumba	PM 10222	6.808	2.184
Bowen	PM 10009	8.689	1.776	Mornington Island	PM RM3	4.894	2.000
Abbot Point	PM 66022	8.740	1.626	Amrun (Boyd Point)	PM 182173	9.947	1.800

The elevation of AHD datum above LAT datum applies at the standard port benchmark only and will vary at secondary locations.

## Mean Sea level used for the tidal predictions – 2020

An allowance of 2.4 mm per year for sea level change has been made in the mean sea level (MSL) estimate. The allowance is calculated from the central date of the observation period to the central date of the prediction year. The heights are referred to Lowest Astronomical Tide datum.

Place	Observation Period	MSL	Place	Observation Period	MSL
Gold Coast Seaway	Jan 1993 to Feb 1999	0.814	Cape Ferguson	Jan 1991 to Dec 2017	1.745
Brisbane Bar	Jan 1985 to Dec 2017	1.323	Townsville	Jan 1985 to Dec 2017	1.998
Mooloolaba	Jan 1987 to Dec 2017	1.001	Lucinda (Offshore)	Jun 1985 to Dec 2017	1.942
Noosa Head	Dec 1970 to Dec 1971	1.154	Clump Point	Dec 1985 to Dec 2017	1.800
Waddy Point (Fraser Island)	Oct 1976 to Feb 1978	1.182	Mourilyan Harbour	Jan 1985 to Dec 2017	1.793
Urangan	Sep 1986 to Dec 2017	2.135	Cairns	Jan 1985 to Dec 2017	1.740
Bundaberg (Burnett Heads)	Jan 1985 to Dec 2017	1.777	Port Douglas	Jan 1987 to Dec 2013	1.647
Gladstone	Jan 1985 to Dec 2017	2.391	Leggatt Island	Sep 1995 to Apr 1996	1.700
Port Alma	Jan 1986 to Dec 2017	2.953	Twin Island	Jul 1974 to Dec 1975	1.803
Rosslyn Bay	Jan 1993 to Dec 2017	2.478	Thursday Island	Jan 1985 to Dec 2017	1.914
Hay Point	Jan 1985 to Dec 2017	3.425	Goods Island	Nov 1989 to Dec 2017	2.182
Mackay Outer Harbour	Jan 1985 to Dec 2017	3.068	Booby Island	Aug 1989 to Dec 2017	2.470
Bugatti Reef	Oct 1996 to Mar 1997	1.600	Weipa (Humbug Point)	Jan 1985 to Dec 2017	1.889
Shute Harbour	Jan 1987 to Dec 2017	1.968	Karumba	Jan 1985 to Jan 2019	2.162
Bowen	Jan 1986 to Dec 2017	1.809	Mornington Island	Jun 2007 to Dec 2016	2.157
Abbot Point	May 1985 to Dec 1995	1.742	Amrun (Boyd Point)	Jul 2018 to Jan 2019	1.954