

## Mean Sea level used for the tidal predictions – 2022

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	0.819	Cape Ferguson	Jan 1991 to Dec 2019	1.855
Brisbane Bar	Jan 1985 to Dec 2019	1.328	Townsville	Jan 1985 to Dec 2019	2.004
Mooloolaba	Jan 1987 to Dec 2019	1.005	Lucinda (Offshore)	Jun 1985 to Dec 2019	1.947
Noosa Head	Dec 1970 to Dec 1971	1.159	Clump Point	Dec 1985 to Dec 2019	1.805
Waddy Point (Fraser Island)	Oct 1976 to Feb 1978	1.188	Mourilyan Harbour	Jan 1985 to Dec 2019	1.800
Urangan	Sep 1986 to Dec 2019	2.141	Cairns	Jan 1985 to Dec 2019	1.744
Bundaberg (Burnett Heads)	Jan 1985 to Dec 2019	1.785	Port Douglas	Jan 1987 to Sep 2013	1.651
Gladstone	Jan 1985 to Dec 2019	2.398	Leggatt Island	Sep 1995 to Apr 1996	1.700
Port Alma	Jan 1986 to Dec 2019	2.960	Twin Island	Jul 1974 to Dec 1975	1.808
Rosslyn Bay	Jan 1993 to Dec 2019	2.485	Thursday Island	Jan 1985 to Dec 2019	1.917
Hay Point	Jan 1985 to Dec 2019	3.431	Goods Island	Nov 1989 to Dec 2019	2.184
Mackay Outer Harbour	Jan 1985 to Dec 2019	3.073	Booby Island	Aug 1989 to Dec 2019	2.476
Bugatti Reef	Oct 1996 to Mar 1997	1.605	Weipa (Humbug Point)	Jan 1985 to Dec 2019	1.891
Shute Harbour	Jan 1987 to Mar 2019	1.972	Karumba	Jan 1985 to Dec 2019	2.165
Bowen	Jan 1986 to Dec 2019	1.814	Mornington Island	Jun 2007 to Dec 2016	2.162
Abbot Point	Jan 1985 to Dec 1995	1.748	Amrun (Boyd Point)	Jul 2018 to Jan 2019	1.885

Please refer to 2022 Tidal Planes located at <https://www.msq.qld.gov.au/Tides/Tidal-planes> for permanent marks and the LAT reference level. AHD levels for permanent marks can be sourced from [Queensland Globe \(https://qldglobe.information.qld.gov.au/\)](https://qldglobe.information.qld.gov.au/)