

# Mean sea level used for the tidal predictions – 2025

An allowance of 2.7mm 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 Queensland Port Datum.

Place	Observation Period	MSL
Gold Coast Seaway	Jul 2016 to Dec 2023	0.892
Brisbane Bar	Jan 1985 to Dec 2022	1.345
Mooloolaba	Jan 1987 to Dec 2022	1.020
Noosa Head	Dec 1970 to Dec 1971	1.182
Waddy Point (K'gari)	Oct 1976 to Feb 1978	1.204
Urangan	Sep 1986 to Dec 2022	2.156
Bundaberg (Burnett Heads)	Jan 1985 to Dec 2022	1.801
Gladstone	Jan 1985 to Dec 2022	2.414
Port Alma	Jan 1986 to Dec 2022	2.974
Rosslyn Bay	Jan 1993 to Dec 2022	2.501
Hay Point	Jan 1985 to Dec 2022	3.447
Mackay Outer Harbour	Jan 1985 to Dec 2022	3.089
Bugatti Reef	Oct 1996 to Mar 1997	1.621
Shute Harbour	Jan 1987 to Mar 2018	1.986
Bowen	Jan 1986 to Dec 2022	1.831
Abbot Point	Jan 1985 to Dec 1995	1.764
Cape Ferguson	Jan 1991 to Dec 2022	1.874
Townsville	Jan 1985 to Dec 2022	2.021
Lucinda (Offshore)	Jun 1985 to Dec 2022	1.965
Clump Point	Dec 1985 to Dec 2022	1.819
Mourilyan Harbour	Jan 1985 to Dec 2022	1.817
Cairns	Jan 1985 to Dec 2022	1.758

Port Douglas	Jan 1987 to Sep 2013	1.666
Leggatt Island	Sep 1995 to Apr 1996	1.700
Twin Island	Jul 1974 to Dec 1975	1.830
Thursday Island	Jan 1985 to Dec 2022	1.935
Goods Island	Nov 1990 to Dec 2022	2.202
Booby Island	Aug 1990 to Dec 2022	2.503
Weipa (Humbug Point)	Jan 1985 to Dec 2022	1.909
Karumba	Jan 1985 to Dec 2022	2.184
Mornington Island	Jun 2007 to Dec 2016	2.173
Amrun (Boyd Point)	Jul 2018 to Jan 2022	1.986

Please refer to the 2025 Tidal Planes located at <https://www.msq.qld.gov.au/Tides/Tidal-planes> for permanent marks and the QPD reference level. AHD levels or details for determining AHD levels for permanent marks can be sourced from [Queensland Globe \(https://qldglobe.information.qld.gov.au/\)](https://qldglobe.information.qld.gov.au/)