

Mean Sea level used for the tidal predictions – 2024

An allowance of 2.5mm 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	Place	Observation Period	MSL
Gold Coast Seaway	Jan 1993 to Feb 1999	0.828	Cape Ferguson	Jan 1991 to Dec 2021	1.866
Brisbane Bar	Jan 1985 to Dec 2021	1.336	Townsville	Jan 1985 to Dec 2021	2.013
Mooloolaba	Jan 1987 to Dec 2021	1.012	Lucinda (Offshore)	Jun 1985 to Dec 2021	1.957
Noosa Head	Dec 1970 to Dec 1971	1.169	Clump Point	Dec 1985 to Dec 2021	1.812
Waddy Point (Fraser Island)	Oct 1976 to Feb 1978	1.196	Mourilyan Harbour	Jan 1985 to Dec 2021	1.809
Urangan	Sep 1986 to Dec 2021	2.148	Cairns	Jan 1985 to Dec 2021	1.751
Bundaberg (Burnett Heads)	Jan 1985 to Dec 2021	1.794	Port Douglas	Jan 1987 to Sep 2013	1.659
Gladstone	Jan 1985 to Dec 2021	2.406	Leggatt Island	Sep 1995 to Apr 1996	1.700
Port Alma	Jan 1986 to Dec 2021	2.966	Twin Island	Jul 1974 to Dec 1975	1.818
Rosslyn Bay	Jan 1993 to Dec 2021	2.494	Thursday Island	Jan 1985 to Dec 2021	1.925
Hay Point	Jan 1985 to Dec 2021	3.440	Goods Island	Nov 1990 to Dec 2021	2.192
Mackay Outer Harbour	Jan 1985 to Dec 2021	3.082	Booby Island	Aug 1990 to Dec 2021	2.491
Bugatti Reef	Oct 1996 to Mar 1997	1.612	Weipa (Humbug Point)	Jan 1985 to Dec 2021	1.899
Shute Harbour	Jan 1987 to Mar 2018	1.979	Karumba	Jan 1985 to Dec 2021	2.174
Bowen	Jan 1986 to Dec 2021	1.823	Mornington Island	Jun 2007 to Dec 2016	2.168
Abbot Point	Jan 1985 to Dec 1995	1.757	Amrun (Boyd Point)	Jul 2018 to Jan 2021	1.947

Please refer to 2024 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/>)