Mean Sea Level Used for the Tidal Predictions – 2027

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 2024	0.896
Brisbane Bar	Jan 1985 to Dec 2024	1.351
Mooloolaba	Jan 1987 to Dec 2024	1.025
Noosa Head	Dec 1970 to Oct 1973	1.164
Waddy Point (K'gari)	Oct 1976 to Feb 1978	1.152
Urangan	Sep 1986 to Dec 2024	2.162
Bundaberg (Burnett Heads)	Jan 1985 to Dec 2024	1.807
Gladstone	Jan 1985 to Dec 2024	2.420
Port Alma	Jan 1986 to Dec 2024	2.981
Rosslyn Bay	Mar 1993 to Dec 2024	2.508
Hay Point	Jan 1985 to Dec 2024	3.454
Mackay Outer Harbour	Jan 1994 to Dec 2024	3.094
Bugatti Reef	Oct 1996 to Mar 1997	1.613
Shute Harbour	Jan 1987 to Mar 2018	1.992
Bowen	Nov 1986 to Dec 2024	1.838

Place	Observation Period	MSL
Abbot Point	May 1985 to Dec 2024	1.755
Cape Ferguson	Sep 1991 to Dec 2024	1.883
Townsville	Jan 1985 to Dec 2024	2.027
Lucinda (Offshore)	Jun 1985 to Dec 2024	1.973
Clump Point	Dec 1985 to Dec 2024	1.826
Mourilyan Harbour	Jan 1985 to Dec 2024	1.824
Cairns	Jan 1985 to Dec 2024	1.765
Port Douglas	Jan 1992 to Dec 2024	1.656
Leggatt Island	Sep 1995 to Apr 1996	1.767
Twin Island	Jul 1974 to Dec 1975	1.836
Thursday Island	Jan 1985 to Dec 2024	1.939
Goods Island	Jan 2000 to Dec 2024	2.214
Booby Island	Jan 2000 to Dec 2024	2.520
Weipa (Humbug Point)	Jan 1985 to Dec 2024	1.916
Karumba	Jan 1985 to Dec 2024	2.192
Mornington Island	Jun 2007 to Dec 2016	2.179
Amrun (Boyd Point)	Jul 2018 to Dec 2024	1.987

Please refer to the 2027 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/)**