

Mean Sea level used for the tidal predictions – 2021

An allowance of 2.5 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 2018 | 1.853 |
| Brisbane Bar | Jan 1985 to Dec 2018 | 1.328 | Townsville | Jan 1985 to Dec 2018 | 2.003 |
| Mooloolaba | Jan 1987 to Dec 2018 | 1.005 | Lucinda (Offshore) | Jun 1985 to Dec 2018 | 1.946 |
| Noosa Head | Dec 1970 to Dec 1971 | 1.161 | Clump Point | Dec 1985 to Dec 2018 | 1.805 |
| Waddy Point (Fraser Island) | Oct 1976 to Feb 1978 | 1.187 | Mourilyan Harbour | Jan 1985 to Dec 2018 | 1.799 |
| Urangan | Sep 1986 to Dec 2018 | 2.140 | Cairns | Jan 1985 to Dec 2018 | 1.744 |
| Bundaberg (Burnett Heads) | Jan 1985 to Dec 2018 | 1.783 | Port Douglas | Jan 1987 to Sep 2013 | 1.651 |
| Gladstone | Jan 1985 to Dec 2018 | 2.397 | Leggatt Island | Sep 1995 to Apr 1996 | 1.700 |
| Port Alma | Jan 1986 to Dec 2018 | 2.958 | Twin Island | Jul 1974 to Dec 1975 | 1.810 |
| Rosslyn Bay | Jan 1993 to Dec 2018 | 2.483 | Thursday Island | Jan 1985 to Dec 2018 | 1.918 |
| Hay Point | Jan 1985 to Dec 2018 | 3.430 | Goods Island | Nov 1989 to Dec 2018 | 2.186 |
| Mackay Outer Harbour | Jan 1985 to Dec 2018 | 3.072 | Booby Island | Aug 1989 to Dec 2018 | 2.476 |
| Bugatti Reef | Oct 1996 to Mar 1997 | 1.605 | Weipa (Humbug Point) | Jan 1985 to Dec 2018 | 1.893 |
| Shute Harbour | Jan 1987 to Mar 2018 | 1.972 | Karumba | Jan 1985 to Dec 2019 | 2.167 |
| Bowen | Jan 1986 to Dec 2018 | 1.813 | Mornington Island | Jun 2007 to Dec 2016 | 2.161 |
| Abbot Point | Jan 1985 to Dec 1995 | 1.747 | Amrun (Boyd Point) | Jul 2018 to Jan 2019 | 1.961 |

Please refer to 2021 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](#).