

Semidiurnal Tidal Planes - 2023

Height above Queensland Port Datum (LAT (1992))

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| Place | Latitude South | Longitude East | Time Difference | | MHWS | MHWN | MLWN | MLWS | MSL | Ratio | Cons | HAT | Permanent Mark No. | Reference Level |
|---------------------------------------|---|-------------------|----------------------|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|--------------------|
| | | | HW | LW | | | | | | | | | | |
| Tidal Datum Epoch 2010-2029 | | | | | | | | | | | | | | |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| | | | H M | H M | m | m | m | m | m | | m | m | | |
| Gold Coast Seaway | 27 57 | 153 25 | Standard Port | | 1.47 | 1.18 | 0.45 | 0.16 | 0.81 | 1.00 | 0.00 | 1.97 | PSM 702548 | 6.688 |
| North Coast New South Wales - | | | | | | | | | | | | | | |
| Ballina (Richmond River) * | 28 53 | 153 35 | +0 06 | +0 06 | 1.4 | 1.1 | 0.5 | 0.2 | 0.87 | | | 1.9 | | |
| Brunswick Heads * | 28 32 | 153 33 | +0 07 | +0 07 | 1.5 | 1.2 | 0.5 | 0.2 | 0.92 | | | 2.0 | | |
| Kingscliff * | 28 16 | 153 35 | +0 09 | +0 09 | 1.4 | 1.1 | 0.4 | 0.2 | 0.76 | | | 1.9 | | |
| Tweed River Breakwater | 28 10 | 153 33 | -0 04 | +0 00 | 1.39 | 1.13 | 0.45 | 0.19 | 0.96 | 0.92 | +0.04 | 1.85 | | |
| Gold Coast Beaches - | | | | | | | | | | | | | | |
| Snapper Rocks (Coolangatta) | 28 10 | 153 33 | -0 26 | -0 15 | 1.62 | 1.30 | 0.49 | 0.17 | 1.02 | 1.10 | 0.00 | 2.16 | PSM 42172 | 3.849 |
| Ocean Beaches | Jumpipin Bar to Snapper Rocks tides occur 20 mins earlier than Gold Coast Seaway. | | | | | | | | | | | | | |
| Broadwater & Nerang River- | | | | | | | | | | | | | | |
| Isle of Capri | 28 00 | 153 25 | +0 41 | +0 56 | 1.30 | 1.09 | 0.56 | 0.35 | 0.72 | 0.72 | +0.24 | 1.66 | PSM 137932 | 3.362 |
| Gold Coast Bridge | 27 59 | 153 25 | +0 10 | +0 20 | 1.56 | 1.28 | 0.56 | 0.28 | 0.88 | 0.97 | +0.13 | 2.04 | PSM 14620 | 3.389 |
| Grand Hotel Jetty | 27 57 | 153 25 | +0 16 | +0 31 | 1.44 | 1.16 | 0.44 | 0.15 | 0.85 | 0.98 | 0.00 | 1.93 | PSM 6863 | 2.563 |
| Nerang Township | 28 00 | 153 20 | +1 53 | +2 39 | 1.15 | 0.92 | 0.35 | 0.12 | 0.63 | 0.78 | 0.00 | 1.53 | | |
| Paradise Point | 27 53 | 153 24 | +1 01 | +1 25 | 1.28 | 1.03 | 0.39 | 0.14 | 0.69 | 0.87 | 0.00 | 1.71 | PSM 17355 | 1.98 |
| Runaway Bay | 27 55 | 153 24 | +0 31 | +0 52 | 1.26 | 1.02 | 0.38 | 0.14 | 0.67 | 0.86 | 0.00 | 1.69 | PSM 110667 | 2.058 |
| Coomera River (Saltwater Creek) | 27 52 | 153 20 | +1 45 | +2 21 | 1.27 | 1.03 | 0.42 | 0.17 | 0.72 | 0.84 | +0.04 | 1.69 | PSM 137376 | 3.157 |
| Sanctuary Cove | 27 51 | 153 22 | +1 34 | +2 06 | 1.27 | 1.03 | 0.42 | 0.17 | 0.72 | 0.84 | +0.04 | 1.69 | | |
| Couran Cove | 27 49 | 153 25 | +1 19 | +1 20 | 1.39 | 1.11 | 0.41 | 0.13 | 0.81 | 0.96 | -0.02 | 1.87 | PM 41943 | 1.72 |
| The Bedroom | 27 46 | 153 26 | +1 14 | +1 06 | 1.39 | 1.11 | 0.41 | 0.13 | 0.81 | 0.96 | -0.02 | 1.87 | | |
| Brisbane Bar | 27 22 | 153 10 | Standard Port | | 2.22 | 1.84 | 0.81 | 0.42 | 1.32 | 1.00 | 0.00 | 2.78 | PSM 88814 | 4.622 |
| Pimpama River (Kerkin Rd Weir) ** | 27 48 | 153 20 | +0 57 | +1 27 | 1.40 | 1.10 | 0.32 | 0.17 | 0.78 | | | 1.83 | | |
| Albert River - | | | | | | | | | | | | | | |
| Junction Logan River ** | 27 42 | 153 14 | +1 22 | +2 14 | 2.10 | 1.72 | 0.57 | 0.36 | 1.17 | | | 2.65 | PSM 71428 | 10.958 |
| Pacific Highway Bridge ** | 27 44 | 153 13 | +1 37 | +2 42 | 1.96 | 1.58 | 0.46 | 0.28 | 0.99 | | | 2.51 | PSM 13663 | 4.09 |
| Wolfdene ** | 27 47 | 153 11 | +2 12 | | 1.36 | 1.04 | | | | | | 1.83 | | |
| Logan River - | | | | | | | | | | | | | | |
| Rocky Point (Mouth Logan River) | 27 42 | 153 21 | +0 40 | +0 55 | 2.14 | 1.77 | 0.79 | 0.42 | 1.26 | 0.96 | +0.01 | 2.68 | PSM 87560 | 5.328 |
| Junction Albert River ** | 27 42 | 153 14 | +1 22 | +2 14 | 2.10 | 1.72 | 0.57 | 0.36 | 1.17 | | | 2.65 | PSM 71428 | 10.958 |
| Slacks Creek (Mouth) ** | 27 40 | 153 10 | +2 13 | +3 05 | 1.83 | 1.50 | 0.42 | 0.24 | 1.01 | | | 2.31 | PSM 71422 | 8.963 |
| Waterford ** | 27 42 | 153 09 | +2 39 | +3 34 | 1.62 | 1.31 | 0.28 | 0.13 | 0.86 | | | 2.07 | PSM 113639 | 11.612 |
| Brisbane River - | | | | | | | | | | | | | | |
| Boat Passage | 27 24 | 153 10 | +0 00 | +0 00 | 2.22 | 1.84 | 0.81 | 0.42 | 1.32 | 1.00 | 0.00 | 2.78 | | |
| Pinkenba | 27 26 | 153 07 | +0 11 | +0 16 | 2.31 | 1.91 | 0.84 | 0.44 | 1.32 | 1.04 | 0.00 | 2.90 | PSM 7632 | 2.893 |
| Cairncross Dock | 27 27 | 153 05 | +0 18 | +0 24 | 2.36 | 1.95 | 0.86 | 0.45 | 1.39 | 1.06 | 0.00 | 2.95 | PSM 21769 | 4.565 |
| New Farm | 27 28 | 153 03 | +0 25 | +0 25 | 2.36 | 1.95 | 0.86 | 0.45 | 1.39 | 1.06 | 0.00 | 2.95 | PSM 21769 | 4.565 |
| Port Office (Edward St Ferry) | 27 28 | 153 02 | +0 35 | +0 36 | 2.29 | 1.89 | 0.83 | 0.44 | 1.37 | 1.03 | 0.00 | 2.87 | PSM 10210 | 6.529 |
| Tennyson (Long Pocket) | 27 32 | 153 00 | +1 00 | +1 20 | 2.42 | 2.00 | 0.88 | 0.46 | 1.43 | 1.09 | 0.00 | 3.03 | | |
| Indooroopilly | 27 31 | 152 59 | +1 20 | +1 45 | 2.40 | 1.99 | 0.87 | 0.46 | 1.42 | 1.08 | 0.00 | 3.01 | | |
| Seventeen Mile Rocks ** | 27 33 | 152 58 | +1 20 | +1 20 | 2.26 | 1.91 | 0.72 | 0.37 | 1.34 | | | 2.77 | | |
| Wacol (Wolston Creek) ** | 27 34 | 152 54 | +1 55 | +1 55 | 2.23 | 1.89 | 0.60 | 0.32 | 1.25 | | | 2.74 | | |
| Goodna (Woogaroo Creek) ** | 27 36 | 152 54 | +2 03 | +2 10 | 2.21 | 1.87 | 0.59 | 0.31 | 1.18 | | | 2.70 | PSM 30537 | 12.365 |
| Moggill Ferry ** | 27 36 | 152 51 | +2 21 | +2 33 | 2.36 | 2.00 | 0.42 | 0.15 | 1.29 | | | 2.87 | PSM 54705 | 6.735 |
| Kholo Creek ** | 27 32 | 152 51 | +2 30 | +2 50 | 2.19 | 1.84 | 0.39 | 0.21 | 1.14 | | | 2.69 | PSM 32752 | 12.169 |
| Bremer River | | | | | | | | | | | | | | |
| Warrego Highway Bridge ** | 27 35 | 152 49 | +2 30 | +2 55 | 2.40 | 2.02 | 0.64 | 0.43 | 1.36 | | | 2.95 | PM 3833 | 17.115 |

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| Tidal Datum Epoch 2010-2029 | | | | | | | | | | | | | | |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| | | | H M | H M | m | m | m | m | m | m | m | m | | |
| Brisbane Bar continued | | | | | | | | | | | | | | |
| Moreton Bay Area - | | | | | | | | | | | | | | |
| Ocean Beaches | Cape Moreton to Snapper Rocks tides occur 1hr 30min earlier than Brisbane Bar. | | | | | | | | | | | | | |
| Woogoompah Island | 27 47 | 153 24 | +0 14 | +0 02 | 1.51 | 1.25 | 0.54 | 0.27 | 0.87 | 0.69 | -0.02 | 1.90 | | |
| Jacobs Well | 27 47 | 153 22 | +0 28 | +0 18 | 1.63 | 1.33 | 0.53 | 0.23 | 0.91 | 0.78 | -0.10 | 2.07 | PSM 7132 | 4.591 |
| Cabbage Tree Point | 27 44 | 153 22 | +0 30 | +0 29 | 1.88 | 1.55 | 0.65 | 0.32 | 1.08 | 0.87 | -0.05 | 2.37 | PSM 105592 | 2.886 |
| Kalinga Bank | 27 44 | 153 26 | -0 34 | -0 47 | 1.52 | 1.26 | 0.56 | 0.30 | 0.92 | 0.68 | +0.01 | 1.90 | PSM 50469 | 1.471 |
| Oak Island | 27 42 | 153 24 | +0 15 | -0 30 | 1.76 | 1.45 | 0.64 | 0.33 | 1.01 | 0.79 | 0.00 | 2.20 | | |
| Koureyabba | 27 42 | 153 24 | +0 30 | +0 06 | 1.80 | 1.49 | 0.65 | 0.34 | 1.05 | 0.81 | 0.00 | 2.26 | PSM 191690 | 2.448 |
| Russell Island (Canaipa Point) | 27 39 | 153 25 | +0 31 | +0 42 | 2.36 | 1.95 | 0.86 | 0.45 | 1.38 | 1.06 | 0.00 | 2.95 | PSM 39927 | 22.576 |
| Macleay Island (Southern Jetty) | 27 38 | 153 22 | +0 30 | +0 42 | 2.31 | 1.90 | 0.78 | 0.37 | 1.30 | 1.08 | -0.09 | 2.92 | PSM 122212 | 12.835 |
| Redland Bay | 27 37 | 153 18 | +0 30 | +0 45 | 2.42 | 2.00 | 0.88 | 0.46 | 1.40 | 1.09 | 0.00 | 3.03 | PSM 42645 | 3.485 |
| Victoria Point | 27 35 | 153 19 | +0 14 | +0 18 | 2.43 | 2.03 | 0.96 | 0.56 | 1.44 | 1.04 | +0.12 | 3.02 | PSM 39288 | 12.283 |
| Macleay Island (Potts Point) | 27 35 | 153 22 | +0 15 | +0 23 | 2.33 | 1.93 | 0.85 | 0.44 | 1.37 | 1.05 | 0.00 | 2.92 | | |
| Toondah Harbour (Cleveland) | 27 32 | 153 17 | +0 13 | +0 16 | 2.27 | 1.87 | 0.82 | 0.43 | 1.34 | 1.02 | 0.00 | 2.84 | PSM 105601 | 4.109 |
| Cleveland Point | 27 31 | 153 18 | +0 13 | +0 16 | 2.27 | 1.87 | 0.82 | 0.43 | 1.34 | 1.02 | 0.00 | 2.84 | PSM 105601 | 4.109 |
| Dunwich | 27 30 | 153 24 | +0 11 | +0 16 | 2.20 | 1.82 | 0.80 | 0.42 | 1.27 | 0.99 | 0.00 | 2.76 | PSM 744 | 22.28 |
| Raby Bay (Canals Entrance) | 27 30 | 153 16 | +0 02 | +0 02 | 2.32 | 1.92 | 0.86 | 0.47 | 1.37 | 1.03 | +0.03 | 2.90 | | |
| Tingalpa Creek (Mouth) | 27 28 | 153 13 | +0 02 | +0 06 | 2.40 | 1.99 | 0.87 | 0.46 | | 1.08 | 0.00 | 3.01 | PSM 61242 | 7.858 |
| Wellington Point | 27 28 | 153 14 | -0 06 | -0 03 | 2.31 | 1.91 | 0.84 | 0.44 | 1.31 | 1.04 | 0.00 | 2.90 | PSM 61259 | 3.84 |
| Lota | 27 28 | 153 11 | +0 02 | +0 07 | 2.29 | 1.89 | 0.83 | 0.44 | 1.32 | 1.03 | 0.00 | 2.87 | PSM 22993 | 3.57 |
| Huybers Light | 27 27 | 153 15 | +0 12 | +0 03 | 2.22 | 1.84 | 0.81 | 0.42 | 1.31 | 1.00 | 0.00 | 2.78 | | |
| Manly | 27 27 | 153 11 | +0 02 | +0 07 | 2.29 | 1.89 | 0.83 | 0.44 | 1.32 | 1.03 | 0.00 | 2.87 | PSM 22993 | 3.57 |
| D'Arcy Light | 27 26 | 153 12 | +0 02 | +0 07 | 2.22 | 1.84 | 0.81 | 0.42 | 1.31 | 1.00 | 0.00 | 2.78 | | |
| Rous Light | 27 24 | 153 20 | +0 09 | +0 06 | 2.22 | 1.84 | 0.81 | 0.42 | 1.26 | 1.00 | 0.00 | 2.78 | | |
| Amity Point | 27 24 | 153 26 | -0 40 | -0 54 | 1.82 | 1.51 | 0.66 | 0.35 | 1.14 | 0.82 | 0.00 | 2.28 | | |
| Saint Helena (South) | 27 24 | 153 13 | +0 00 | +0 00 | 2.33 | 1.93 | 0.85 | 0.44 | 1.37 | 1.05 | 0.00 | 2.92 | | |
| Nudgee Beach | 27 21 | 153 06 | +0 01 | -0 01 | 2.13 | 1.76 | 0.78 | 0.41 | 1.24 | 0.96 | 0.00 | 2.67 | PSM 34799 | 3.032 |
| Cabbage Tree Creek (Mouth) | 27 20 | 153 06 | +0 01 | -0 01 | 2.13 | 1.76 | 0.78 | 0.41 | 1.24 | 0.96 | 0.00 | 2.67 | PSM 34799 | 3.032 |
| Shorncliffe and Sandgate | 27 20 | 153 05 | +0 01 | -0 01 | 2.13 | 1.76 | 0.78 | 0.41 | 1.24 | 0.96 | 0.00 | 2.67 | PSM 34799 | 3.032 |
| Woody Point | 27 16 | 153 06 | +0 00 | +0 02 | 2.11 | 1.75 | 0.77 | 0.40 | 1.20 | 0.95 | 0.00 | 2.64 | PSM 4726 | 3.328 |
| Measured Mile-Rear Recip. Lead | 27 15 | 153 15 | -0 25 | -0 23 | 2.09 | 1.73 | 0.76 | 0.40 | 1.19 | 0.94 | 0.00 | 2.62 | | |
| Margate | 27 15 | 153 07 | +0 00 | +0 02 | 2.11 | 1.75 | 0.77 | 0.40 | 1.20 | 0.95 | 0.00 | 2.64 | PSM 4726 | 3.328 |
| Redcliffe | 27 14 | 153 07 | +0 00 | +0 00 | 2.13 | 1.76 | 0.78 | 0.41 | 1.16 | 0.96 | 0.00 | 2.67 | | |
| East Channel | 27 14 | 153 20 | -0 09 | -0 13 | 2.11 | 1.75 | 0.77 | 0.40 | 1.25 | 0.95 | 0.00 | 2.64 | | |
| Scarborough Boat Harbour | 27 12 | 153 06 | +0 05 | +0 05 | 1.98 | 1.64 | 0.72 | 0.38 | 1.16 | 0.89 | 0.00 | 2.48 | PSM 158414 | 4.318 |
| Tangalooma | 27 11 | 153 22 | -0 23 | -0 27 | 2.05 | 1.70 | 0.78 | 0.43 | 1.20 | 0.90 | +0.05 | 2.56 | PSM 164921 | 4.024 |
| Beachmere (Caboolture River) | 27 08 | 153 02 | +0 06 | +0 18 | 2.13 | 1.76 | 0.78 | 0.41 | 1.26 | 0.96 | 0.00 | 2.67 | PSM 25095 | 5.416 |
| Bulwer Wrecks | 27 05 | 153 22 | -0 25 | -0 30 | 1.80 | 1.49 | 0.65 | 0.34 | 1.07 | 0.81 | 0.00 | 2.26 | | |
| North West Channel Fairway | 26 51 | 153 09 | -1 30 | -1 40 | 1.67 | 1.38 | 0.61 | 0.32 | 1.00 | 0.75 | 0.00 | 2.09 | PSM 3067 | 2.215 |
| North Pine River - | | | | | | | | | | | | | | |
| Deepwater Bend | 27 18 | 153 02 | +0 13 | +0 41 | 2.22 | 1.84 | 0.83 | 0.45 | 1.33 | 0.98 | +0.04 | 2.77 | | |
| Petrie | 27 17 | 152 58 | +0 24 | +0 52 | 2.31 | 1.91 | 0.84 | 0.44 | 1.32 | 1.04 | 0.00 | 2.90 | PSM 97249 | 5.545 |
| Pumicestone Passage-Bribie | | | | | | | | | | | | | | |
| Bribie Beacon (South Point) | 27 06 | 153 09 | -0 09 | -0 13 | 1.95 | 1.62 | 0.73 | 0.40 | 1.14 | 0.86 | +0.04 | 2.43 | | |
| Bongaree | 27 05 | 153 09 | +0 00 | -0 15 | 1.91 | 1.58 | 0.69 | 0.36 | 1.11 | 0.86 | 0.00 | 2.39 | PSM 42072 | 3.058 |
| Woorim | 27 05 | 153 12 | -0 22 | -0 34 | 1.76 | 1.45 | 0.64 | 0.33 | 0.98 | 0.79 | 0.00 | 2.20 | | |
| Toorbul | 27 02 | 153 06 | +0 30 | +0 20 | 2.00 | 1.65 | 0.73 | 0.38 | 1.18 | 0.90 | 0.00 | 2.51 | | |
| Donnybrook | 27 00 | 153 04 | +1 00 | +0 56 | 1.93 | 1.60 | 0.73 | 0.40 | 1.16 | 0.85 | +0.04 | 2.41 | PSM 90401 | 3.498 |
| Hussey Creek (Mouth) ** | 26 56 | 153 04 | +2 04 | +2 56 | 1.39 | 1.08 | 0.42 | 0.27 | | | | 1.83 | | |
| The Skids ** | 26 54 | 153 04 | +1 48 | +2 05 | 1.00 | 0.71 | 0.30 | 0.15 | 0.56 | | | 1.43 | PSM 60521 | 2.006 |
| Halls Creek (Mouth) 'The Farm' ** | 26 52 | 153 07 | +0 47 | +1 33 | 0.90 | 0.66 | | | 0.64 | | | 1.24 | PSM 60364 | 1.614 |
| Golden Beach (Caloundra) ** | 26 48 | 153 07 | -0 53 | -0 11 | 1.16 | 0.87 | 0.45 | 0.33 | 0.82 | | | 1.58 | PSM 60531 | 2.195 |

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| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| | | | H M | H M | m | m | m | m | m | | m | m | | |
| Mooloolaba | 26 41 | 153 08 | Standard Port | | 1.70 | 1.38 | 0.63 | 0.30 | 1.00 | 1.00 | 0.00 | 2.21 | PSM 37055 | 5.719 |
| Caloundra Head ** | 26 48 | 153 09 | +0 00 | +0 00 | 1.68 | 1.34 | 0.61 | 0.30 | 0.99 | | | 2.21 | PSM 3067 | 2.215 |
| Parrearra (Mooloolah River) | 26 43 | 153 07 | +0 23 | +0 44 | 1.60 | 1.29 | 0.59 | 0.28 | | 0.94 | 0.00 | 2.08 | PSM 14109 | 3.639 |
| Mooloolaba Beach | 26 41 | 153 06 | +0 00 | +0 00 | 1.70 | 1.38 | 0.63 | 0.30 | 1.01 | 1.00 | 0.00 | 2.21 | PSM 37055 | 5.719 |
| Maroochydore Beach | 26 40 | 153 06 | +0 00 | +0 00 | 1.70 | 1.38 | 0.63 | 0.30 | 1.01 | 1.00 | 0.00 | 2.21 | PSM 37055 | 5.719 |
| Coolum | 26 31 | 153 06 | +0 00 | +0 00 | 1.70 | 1.38 | 0.63 | 0.30 | 1.01 | 1.00 | 0.00 | 2.21 | PSM 37055 | 5.719 |
| Maroochy River - | | | | | | | | | | | | | | |
| Picnic Point ** | 26 39 | 153 05 | +1 02 | +1 52 | 0.98 | 0.71 | 0.29 | 0.14 | 0.56 | | | 1.41 | PSM 37146 | 1.59 |
| David Low Bridge ** | 26 38 | 153 03 | +1 35 | +2 27 | 0.95 | 0.71 | 0.33 | 0.20 | 0.57 | | | 1.32 | PSM 15585 | 5.03 |
| Dunethin Rock ** | 26 35 | 153 02 | +2 09 | +3 06 | 1.07 | 0.82 | 0.30 | 0.17 | 0.57 | | | 1.45 | PSM 37140 | 2.744 |
| Junction North Maroochy River ** | 26 34 | 152 58 | +2 18 | +3 12 | 1.19 | 0.93 | 0.36 | 0.23 | 0.64 | | | 1.61 | PSM 41257 | 7.179 |
| Noosa Head | 26 23 | 153 06 | Standard Port | | 1.85 | 1.52 | 0.79 | 0.45 | 1.15 | 1.00 | 0.00 | 2.35 | PSM 19728 | 3.781 |
| Noosa River - | | | | | | | | | | | | | | |
| Munna Point | 26 24 | 153 04 | +0 42 | +1 35 | 0.87 | 0.74 | 0.44 | 0.31 | 0.52 | 0.40 | +0.13 | 1.07 | PSM 18419 | 1.818 |
| Tewantin | 26 24 | 153 02 | +1 07 | +1 49 | 0.66 | 0.56 | 0.33 | 0.23 | 0.45 | 0.31 | +0.09 | 0.82 | PSM 50386 | 1.226 |
| Noosa Beaches - | | | | | | | | | | | | | | |
| Noosa Beach | 26 23 | 153 05 | +0 00 | +0 00 | 1.85 | 1.52 | 0.79 | 0.45 | 1.13 | 1.00 | 0.00 | 2.35 | PSM 19728 | 3.781 |
| Teewah Sands | 26 16 | 153 04 | +0 00 | +0 00 | 1.85 | 1.52 | 0.79 | 0.45 | 1.13 | 1.00 | 0.00 | 2.35 | | |
| Cooloola | 26 11 | 153 04 | +0 00 | +0 00 | 1.85 | 1.52 | 0.79 | 0.45 | 1.13 | 1.00 | 0.00 | 2.35 | | |
| Double Island Point | 25 55 | 153 11 | +0 00 | +0 00 | 1.85 | 1.52 | 0.79 | 0.45 | 1.13 | 1.00 | 0.00 | 2.35 | | |
| Rainbow Beach | 25 54 | 153 05 | +0 00 | +0 00 | 1.85 | 1.52 | 0.79 | 0.45 | 1.13 | 1.00 | 0.00 | 2.35 | | |
| Waddy Point (Fraser Island) | 24 58 | 153 21 | Standard Port | | 1.81 | 1.50 | 0.87 | 0.56 | 1.18 | 1.00 | 0.00 | 2.42 | PSM 48494 | 3.165 |
| Urangan | 25 18 | 152 55 | Standard Port | | 3.54 | 2.84 | 1.43 | 0.73 | 2.14 | 1.00 | 0.00 | 4.33 | PSM 11028 | 5.835 |
| Kingfisher Bay | 25 24 | 153 06 | +0 11 | +0 18 | 3.79 | 3.04 | 1.53 | 0.78 | 2.31 | 1.07 | 0.00 | 4.64 | | |
| Bundaberg (Burnett Heads) | 24 46 | 152 23 | Standard Port | | 2.94 | 2.35 | 1.20 | 0.61 | 1.78 | 1.00 | 0.00 | 3.68 | PSM 3853 | 6.061 |
| Great Sandy Strait - | | | | | | | | | | | | | | |
| Tin Can Bay (Snapper Creek) | 25 54 | 153 00 | +0 44 | -0 16 | 2.35 | 1.88 | 0.96 | 0.49 | 1.42 | 0.80 | 0.00 | 2.94 | PSM 49322 | 2.973 |
| Elbow Point | 25 48 | 153 01 | +0 15 | -0 03 | 2.19 | 1.75 | 0.90 | 0.46 | 1.34 | 0.74 | +0.01 | 2.73 | PSM 110774 | 3.45 |
| Snout Point | 25 42 | 152 59 | +0 55 | +0 29 | 2.38 | 1.91 | 0.97 | 0.50 | 1.45 | 0.81 | 0.00 | 2.98 | | |
| Big Tuan | 25 41 | 152 53 | +0 55 | +1 05 | 2.21 | 1.76 | 0.90 | 0.46 | 1.43 | 0.75 | 0.00 | 2.76 | PSM 58832 | 3.084 |
| Boonooroo | 25 39 | 152 54 | +0 55 | +1 05 | 2.21 | 1.76 | 0.90 | 0.46 | 1.43 | 0.75 | 0.00 | 2.76 | PSM 58832 | 3.084 |
| Boonlye Point | 25 34 | 152 56 | +1 09 | +0 57 | 3.20 | 2.56 | 1.31 | 0.67 | 1.95 | 1.09 | 0.00 | 4.01 | | |
| Ungowa Jetty | 25 30 | 152 59 | +0 51 | +0 49 | 3.91 | 3.13 | 1.60 | 0.82 | 2.45 | 1.33 | 0.00 | 4.89 | | |
| Mary River - | | | | | | | | | | | | | | |
| Bingham (River Heads) ** | 25 26 | 152 55 | +1 13 | +1 11 | 3.77 | 3.10 | 1.25 | 0.68 | 2.23 | | | 4.60 | | |
| Hervey Bay - | | | | | | | | | | | | | | |
| Point Vernon | 25 15 | 152 48 | -0 10 | -0 10 | 3.29 | 2.64 | 1.35 | 0.69 | 1.96 | 1.12 | 0.00 | 4.12 | | |
| Burrum Heads | 25 11 | 152 37 | +0 12 | +0 30 | 3.12 | 2.48 | 1.24 | 0.60 | 1.84 | 1.08 | -0.06 | 3.91 | PSM 51102 | 7.533 |
| Woodgate (Theodolite Creek) | 25 04 | 152 33 | -0 15 | -0 15 | 3.12 | 2.49 | 1.27 | 0.65 | 1.84 | 1.06 | 0.00 | 3.90 | | |
| Wathumba Creek (Fraser Island) | 24 58 | 153 14 | -0 12 | +0 36 | 3.12 | 2.49 | 1.27 | 0.65 | 1.92 | 1.06 | 0.00 | 3.90 | | |
| Elliott River Entrance | 24 55 | 152 30 | -0 09 | -0 09 | 3.02 | 2.40 | 1.19 | 0.57 | 1.79 | 1.05 | -0.07 | 3.79 | PSM 50438 | 14.394 |
| Burnett River (Town Reach) | 24 52 | 152 21 | +0 32 | +0 57 | 3.23 | 2.59 | 1.32 | 0.68 | 1.89 | 1.10 | 0.00 | 4.04 | PSM 10004 | 13.875 |
| Bargara | 24 49 | 152 27 | +0 00 | +0 00 | 2.94 | 2.35 | 1.20 | 0.61 | 1.79 | 1.00 | 0.00 | 3.68 | PSM 3853 | 6.061 |
| Kolan River (Booyan Bridge) | 24 42 | 152 11 | +0 23 | +1 30 | 2.62 | 2.09 | 1.07 | 0.55 | 1.57 | 0.89 | 0.00 | 3.27 | | |
| Baffle Creek (Winfield) ** | 24 32 | 152 02 | +1 05 | +1 56 | 2.27 | 1.81 | 1.02 | 1.01 | 1.62 | | | 2.83 | PSM 75197 | 3.383 |
| Lady Elliot Island | 24 07 | 152 43 | -0 21 | -0 21 | 2.12 | 1.68 | 0.83 | 0.39 | 1.25 | 0.74 | -0.06 | 2.66 | PSM 72773 | 3.834 |

Semidiurnal Tidal Planes - 2023

Height above Queensland Port Datum (LAT (1992))

AHD levels or details for determining AHD levels for permanent marks can be sourced from Queensland Globe (<https://qldglobe.information.qld.gov.au/>)

| Place | Latitude South | Longitude East | Time Difference | | MHWS | MHWN | MLWN | MLWS | MSL | Ratio | Cons | HAT | Permanent Mark No. | Reference Level |
|------------------------------------|-------------------|-------------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|-----------------------|--------------------|
| | | | HW | LW | | | | | | | | | | |
| Tidal Datum Epoch 2010-2029 | | | | | | | | | | | | | | |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| | | | H M | H M | m | m | m | m | m | | m | m | | |
| Gladstone | 23 50 | 151 15 | Standard Port | 4.01 | 3.16 | 1.62 | 0.77 | 2.39 | 1.00 | 0.00 | 4.87 | PSM 48996 | 5.711 | |
| Seventeen Seventy | 24 11 | 151 53 | -0.35 | -0.22 | 2.81 | 2.21 | 1.14 | 0.54 | 1.66 | 0.70 | 0.00 | 3.41 | PSM 90971 | 5.457 |
| Pancake Creek | 24 01 | 151 44 | -0.35 | -0.35 | 3.01 | 2.37 | 1.22 | 0.58 | 1.80 | 0.75 | 0.00 | 3.65 | | |
| Clews Point * | 24 00 | 151 44 | -0.45 | -0.45 | 2.9 | 2.2 | 1.1 | 0.4 | 1.64 | | | 3.5 | | |
| Lady Musgrave Island * | 23 55 | 152 23 | -0.52 | -0.52 | 2.2 | 1.7 | 0.9 | 0.4 | 1.30 | | | 2.9 | PSM 72240 | 3.661 |
| Gatcombe Head | 23 53 | 151 22 | -0.17 | -0.16 | 3.49 | 2.75 | 1.41 | 0.67 | 2.14 | 0.87 | 0.00 | 4.23 | PSM 50434 | 5.318 |
| South Trees Wharf | 23 51 | 151 19 | -0.11 | -0.10 | 3.85 | 3.03 | 1.56 | 0.74 | 2.26 | 0.96 | 0.00 | 4.67 | | |
| Fishermans Landing | 23 47 | 151 11 | +0.15 | +0.12 | 4.25 | 3.35 | 1.72 | 0.81 | 2.47 | 1.06 | 0.00 | 5.16 | PSM 59976 | 24.318 |
| Graham Creek | 23 45 | 151 11 | +0.19 | +0.10 | 4.41 | 3.48 | 1.78 | 0.84 | 2.64 | 1.10 | 0.00 | 5.35 | PSM 189409 | 5.232 |
| The Narrows (Boat Creek) | 23 39 | 151 06 | +0.31 | +0.26 | 4.65 | 3.65 | 1.85 | 0.85 | 2.74 | 1.17 | -0.05 | 5.64 | | |
| The Narrows (Ramsay Crossing) | 23 38 | 151 05 | +0.19 | +0.22 | 5.15 | 4.07 | 2.13 | 1.06 | 3.07 | 1.26 | +0.09 | 6.22 | PSM 70858 | 11.417 |
| Sea Hill | 23 30 | 150 59 | -0.01 | -0.07 | 4.53 | 3.57 | 1.83 | 0.87 | 2.69 | 1.13 | 0.00 | 5.50 | PSM 110341 | 5.58 |
| Polmaise Reef * | 23 34 | 151 39 | -0.29 | -0.29 | 3.0 | 2.3 | 1.1 | 0.4 | 1.71 | | | 3.7 | | |
| Heron Island | 23 27 | 151 55 | -0.33 | -0.33 | 2.73 | 2.12 | 1.03 | 0.43 | 1.52 | 0.71 | -0.12 | 3.33 | PSM 61221 | 4.431 |
| Rockhampton ** | 23 23 | 150 31 | +1.23 | +2.31 | 5.25 | 4.21 | 1.66 | 0.96 | 2.92 | | | 6.47 | PSM 207101 | 11.646 |
| Tryon Island * | 23 15 | 151 46 | -0.18 | -0.18 | 2.9 | 2.2 | 1.1 | 0.4 | 1.63 | | | 3.6 | PSM 72774 | 7.842 |
| Great Keppel Island | 23 11 | 150 56 | +0.05 | +0.03 | 4.21 | 3.32 | 1.70 | 0.81 | 2.49 | 1.05 | 0.00 | 5.11 | | |
| Cape Manifold | 22 41 | 150 50 | +0.17 | +0.29 | 4.41 | 3.48 | 1.78 | 0.84 | 2.58 | 1.10 | 0.00 | 5.35 | PSM 50449 | 12.77 |
| Port Clinton * | 22 32 | 150 45 | +0.34 | +0.34 | 4.3 | 3.3 | 1.6 | 0.5 | 2.44 | | | 5.2 | | |
| Gannet Cay * | 21 59 | 152 28 | -0.09 | -0.09 | 2.1 | 1.6 | 0.8 | 0.4 | 1.23 | | | 2.8 | | |
| Port Alma | 23 35 | 150 52 | Standard Port | 4.98 | 3.88 | 2.03 | 0.93 | 2.95 | 1.00 | 0.00 | 5.96 | PSM 66821 | 6.724 | |
| Rosslyn Bay | 23 10 | 150 48 | Standard Port | 4.28 | 3.30 | 1.66 | 0.67 | 2.48 | 1.00 | 0.00 | 5.21 | PSM 47784 | 6.64 | |
| Hay Point | 21 16 | 149 18 | Standard Port | 5.86 | 4.54 | 2.31 | 0.99 | 3.43 | 1.00 | 0.00 | 7.18 | PSM 38627 | 18.04 | |
| Marquis Island * | 22 20 | 150 27 | -0.27 | -0.27 | 6.5 | 5.0 | 2.5 | 1.0 | 3.73 | | | 7.5 | | |
| McEwen Islet * | 22 09 | 149 36 | +0.23 | +0.23 | 7.4 | 5.6 | 2.6 | 0.8 | 4.13 | | | 9.1 | | |
| High Peak Island * | 21 57 | 150 41 | -0.45 | -0.45 | 4.8 | 3.7 | 1.8 | 0.7 | 2.75 | | | 5.9 | | |
| Bell Cay * | 21 49 | 151 15 | -0.58 | -0.58 | 3.6 | 2.7 | 1.3 | 0.4 | 2.00 | | | 4.3 | | |
| Middle Island (Percy Isles) | 21 39 | 150 15 | -0.27 | -0.27 | 5.73 | 4.48 | 2.35 | 1.10 | 3.40 | 0.95 | +0.16 | 6.98 | PSM 172414 | 9.607 |
| Cullen Islet | 21 25 | 149 29 | -0.03 | -0.03 | 6.15 | 4.77 | 2.42 | 1.04 | 3.57 | 1.05 | 0.00 | 7.54 | | |
| Penrith Island * | 21 00 | 149 54 | -0.07 | -0.07 | 4.6 | 3.5 | 1.6 | 0.5 | 2.56 | | | 5.6 | | |
| Scawfell Island * | 20 52 | 149 37 | -0.05 | -0.05 | 4.4 | 3.4 | 1.7 | 0.6 | 2.51 | | | 5.4 | | |
| Mackay Outer Harbour | 21 06 | 149 14 | Standard Port | 5.35 | 4.12 | 2.01 | 0.79 | 3.07 | 1.00 | 0.00 | 6.62 | PSM 10043 | 9.916 | |
| Thirsty Sound | 22 08 | 150 02 | -0.26 | -0.37 | 6.15 | 4.74 | 2.31 | 0.91 | 3.50 | 1.15 | 0.00 | 7.62 | | |
| Keswick Island | 20 55 | 149 26 | -0.03 | +0.04 | 4.76 | 3.67 | 1.79 | 0.70 | 2.74 | 0.89 | 0.00 | 5.90 | | |
| Halliday Bay | 20 54 | 148 59 | +0.09 | +0.23 | 4.92 | 3.79 | 1.85 | 0.73 | 2.70 | 0.92 | 0.00 | 6.09 | | |
| Finlayson Point | 20 53 | 148 56 | +0.20 | +0.20 | 5.45 | 4.21 | 2.05 | 0.81 | 3.12 | 1.02 | 0.00 | 6.76 | PSM 47336 | 7.149 |
| Carlisle Island | 20 47 | 149 17 | +0.02 | -0.02 | 4.49 | 3.46 | 1.69 | 0.66 | 2.58 | 0.84 | 0.00 | 5.56 | | |
| Laguna Quays Marina | 20 36 | 148 40 | +0.30 | +0.25 | 4.88 | 3.77 | 1.85 | 0.74 | 2.79 | 0.91 | +0.02 | 6.05 | PSM 29116 | 15.786 |
| Bugatti Reef | 20 05 | 150 18 | Standard Port | 2.64 | 2.06 | 1.14 | 0.56 | 1.60 | | | | 3.58 | | |
| Cato Island * | 23 15 | 155 32 | -2.03 | -2.03 | 1.6 | 1.3 | 0.7 | 0.3 | 0.99 | | | 2.1 | | |
| Creal Reef * | 20 32 | 150 22 | +0.20 | +0.20 | 3.2 | 2.5 | 1.1 | 0.4 | 1.80 | | | 4.1 | | |
| Shute Harbour | 20 17 | 148 47 | Standard Port | 3.35 | 2.62 | 1.31 | 0.58 | 1.97 | 1.00 | 0.00 | 4.39 | PSM 8295 | 5.103 | |
| East Repulse Island * | 20 35 | 148 53 | +0.16 | +0.16 | 4.5 | 3.5 | 1.7 | 0.8 | 2.64 | | | 5.7 | | |
| Lindeman Island | 20 28 | 149 03 | +0.06 | +0.08 | 3.84 | 3.01 | 1.53 | 0.71 | 2.37 | 1.13 | +0.05 | 5.01 | PSM 102646 | 4.255 |
| Hamilton Island | 20 21 | 148 57 | +0.02 | +0.02 | 3.86 | 3.03 | 1.55 | 0.73 | 2.15 | 1.13 | +0.07 | 5.03 | PSM 52214 | 8.565 |
| Abel Point (Airlie Beach) | 20 16 | 148 43 | -0.07 | -0.06 | 3.05 | 2.39 | 1.20 | 0.53 | 1.80 | 0.91 | 0.00 | 3.99 | PSM 146544 | 5.742 |
| Cid Harbour * | 20 16 | 148 55 | -0.01 | -0.01 | 3.3 | 2.5 | 1.3 | 0.5 | 1.87 | | | 4.2 | | |
| Double Bay * | 20 11 | 148 38 | -0.19 | -0.19 | 3.0 | 2.4 | 1.2 | 0.6 | 1.77 | | | 3.9 | | |
| Nara Inlet | 20 10 | 148 54 | -0.12 | -0.12 | 3.31 | 2.60 | 1.33 | 0.63 | 1.94 | 0.97 | +0.06 | 4.32 | PSM 50460 | 13.517 |
| Hayman Island * | 20 03 | 148 53 | -0.23 | -0.23 | 3.3 | 2.6 | 1.3 | 0.7 | 1.93 | | | 4.3 | PSM 97497 | 5.592 |
| Hook Island * | 20 04 | 148 56 | -0.13 | -0.13 | 2.9 | 2.3 | 1.1 | 0.5 | 1.69 | | | 3.8 | | |

Semidiurnal Tidal Planes - 2023

Height above Queensland Port Datum (LAT (1992))

AHD levels or details for determining AHD levels for permanent marks can be sourced from Queensland Globe (<https://qldglobe.information.qld.gov.au/>)

| Place | Latitude South | Longitude East | Time Difference | | MHWS | MHWN | MLWN | MLWS | MSL | Ratio | Cons | HAT | Permanent Mark No. | Reference Level |
|------------------------------------|-------------------|-------------------|----------------------|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|--------------------|
| | | | HW | LW | | | | | | | | | | |
| Tidal Datum Epoch 2010-2029 | | | | | | | | | | | | | | |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| | | | H M | H M | m | m | m | m | m | | m | m | | |
| Bowen | 20 01 | 148 15 | Standard Port | | 2.88 | 2.26 | 1.36 | 0.73 | 1.81 | 1.00 | 0.00 | 3.77 | PSM 10009 | 8.689 |
| Abbot Point | 19 51 | 148 05 | Standard Port | | 2.76 | 2.13 | 1.35 | 0.73 | 1.74 | 1.00 | 0.00 | 3.62 | PSM 200984 | 14.069 |
| Oyster Rocks (Burdekin River) | 19 44 | 147 35 | -0 03 | +0 32 | 2.59 | 2.00 | 1.27 | 0.68 | 1.65 | 0.94 | 0.00 | 3.40 | PSM 50442 | 4.88 |
| Cape Ferguson | 19 17 | 147 03 | Standard Port | | 2.84 | 2.05 | 1.44 | 0.65 | 1.75 | 1.00 | 0.00 | 3.84 | PSM 66408 | 34.276 |
| Townsville | 19 15 | 146 50 | Standard Port | | 3.17 | 2.32 | 1.68 | 0.83 | 2.00 | 1.00 | 0.00 | 4.22 | PSM 10011 | 9.025 |
| Cape Pallarenda | 19 11 | 146 47 | +0 02 | +0 03 | 3.20 | 2.34 | 1.70 | 0.84 | | 1.01 | 0.00 | 4.26 | PSM 39449 | 22.969 |
| Magnetic Island | 19 09 | 146 52 | +0 06 | +0 02 | 3.04 | 2.22 | 1.61 | 0.79 | 1.97 | 0.96 | 0.00 | 4.05 | PSM 48457 | 4.488 |
| Townsville Fairway Beacon | 19 08 | 146 54 | -0 04 | -0 06 | 3.04 | 2.22 | 1.61 | 0.79 | 1.92 | 0.96 | 0.00 | 4.05 | | |
| Britomart Reef | 18 15 | 146 43 | -0 15 | -0 20 | 2.73 | 1.99 | 1.45 | 0.71 | 1.75 | 0.86 | 0.00 | 3.62 | PSM 56025 | 0.06 |
| Goold Island * | 18 10 | 146 09 | -0 02 | -0 02 | 2.9 | 2.2 | 1.6 | 0.8 | 1.88 | | | 3.8 | | |
| Dunk Island * | 17 56 | 146 08 | -0 02 | -0 02 | 2.8 | 2.1 | 1.5 | 0.8 | 1.79 | | | 3.6 | RAN BM F79 | 4.331 |
| Flinders Reef | 17 43 | 148 27 | -0 25 | -0 15 | 2.35 | 1.76 | 1.32 | 0.73 | 1.54 | 0.69 | +0.16 | 3.07 | | |
| Lucinda (Offshore) | 18 31 | 146 23 | Standard Port | | 3.04 | 2.23 | 1.65 | 0.85 | 1.94 | 1.00 | 0.00 | 4.06 | PSM 196398 | 7.896 |
| Albino Rock * | 18 47 | 146 43 | +0 00 | +0 00 | 2.7 | 1.9 | 1.3 | 0.5 | 1.56 | | | 3.5 | | |
| Cardwell | 18 16 | 146 02 | +0 01 | -0 05 | 3.22 | 2.37 | 1.75 | 0.90 | 1.99 | 1.06 | 0.00 | 4.30 | PSM 76290 | 8.513 |
| Clump Point | 17 51 | 146 06 | Standard Port | | 2.78 | 2.06 | 1.54 | 0.82 | 1.80 | 1.00 | 0.00 | 3.71 | PSM 25794 | 6.648 |
| Mourilyan Harbour | 17 36 | 146 07 | Standard Port | | 2.71 | 2.04 | 1.55 | 0.88 | 1.79 | 1.00 | 0.00 | 3.58 | PSM 4855 | 5.037 |
| Nathan Reef | 17 32 | 146 30 | -0 07 | -0 04 | 2.44 | 1.84 | 1.39 | 0.79 | 1.67 | 0.90 | 0.00 | 3.22 | | |
| Innisfail | 17 31 | 146 02 | +0 25 | +0 55 | 2.02 | 1.37 | 0.89 | 0.23 | 1.12 | 0.98 | -0.63 | 2.88 | | |
| Flying Fish Point | 17 30 | 146 05 | +0 05 | +0 15 | 2.68 | 2.02 | 1.53 | 0.87 | 1.75 | 0.99 | 0.00 | 3.54 | PSM 7049 | 4.122 |
| Peart Reef | 17 29 | 146 25 | -0 08 | -0 02 | 2.57 | 1.94 | 1.47 | 0.84 | 1.70 | 0.95 | 0.00 | 3.40 | | |
| Cairns | 16 56 | 145 47 | Standard Port | | 2.67 | 1.98 | 1.50 | 0.82 | 1.74 | 1.00 | 0.00 | 3.57 | PSM 96052 | 5.008 |
| Saxon Reef | 16 28 | 145 59 | -0 17 | -0 11 | 2.35 | 1.74 | 1.32 | 0.72 | | 0.88 | 0.00 | 3.14 | PSM 85865 | -2.74 |
| Low Islets | 16 23 | 145 34 | +0 00 | +0 00 | 2.48 | 1.84 | 1.39 | 0.76 | 1.59 | 0.93 | 0.00 | 3.32 | PSM 76300 | 4.784 |
| Cooktown | 15 28 | 145 15 | -0 02 | +0 06 | 2.45 | 1.82 | 1.38 | 0.75 | 1.53 | 0.92 | 0.00 | 3.28 | PSM 20031 | 9.211 |
| Cape Flattery | 14 57 | 145 19 | -0 10 | -0 10 | 2.37 | 1.76 | 1.33 | 0.73 | 1.52 | 0.89 | 0.00 | 3.17 | PSM 88171 | 2.684 |
| Morris Island * | 13 29 | 143 42 | +0 14 | +0 14 | 2.5 | 1.8 | 1.4 | 0.7 | 1.58 | | | 3.3 | PSM 92353 | -0.69 |
| Portland Roads | 12 36 | 143 25 | +0 19 | +0 08 | 2.67 | 1.98 | 1.50 | 0.82 | 1.67 | 1.00 | 0.00 | 3.57 | PSM BM54 | 2.813 |
| Cape Grenville * | 11 58 | 143 16 | +0 45 | +0 45 | 2.6 | 1.8 | 1.3 | 0.5 | 1.70 | | | 3.3 | | |
| Port Douglas | 16 29 | 145 28 | Standard Port | | 2.54 | 1.88 | 1.42 | 0.75 | 1.65 | 1.00 | 0.00 | 3.40 | PSM 10077 | 6.058 |
| Leggatt Island | 14 32 | 144 51 | Standard Port | | 2.60 | 1.92 | 1.49 | 0.80 | 1.70 | 1.00 | 0.00 | 3.45 | | |
| Normanby River * | 14 26 | 144 09 | +0 05 | +0 05 | 2.4 | 1.6 | 1.2 | 0.3 | 1.39 | | | 3.4 | | |
| Eden Reef * | 14 05 | 143 55 | -0 10 | -0 10 | 2.8 | 2.0 | 1.5 | 0.7 | 1.77 | | | 3.6 | | |
| Pelican Island * | 13 55 | 143 50 | +0 07 | +0 07 | 3.0 | 2.2 | 1.7 | 0.9 | 1.91 | | | 3.9 | | |
| Fife Island * | 13 39 | 143 43 | +0 03 | +0 03 | 2.6 | 1.8 | 1.4 | 0.7 | 1.63 | | | 3.3 | | |
| Round Point * | 11 53 | 143 06 | +0 42 | +0 42 | 2.8 | 1.9 | 1.4 | 0.5 | 1.67 | | | 3.6 | | |
| Hannibal Islands * | 11 35 | 142 56 | +1 00 | +1 00 | 3.0 | 2.1 | 1.5 | 0.6 | 1.74 | | | 3.8 | | |
| Collette Reef * | 11 14 | 143 21 | +1 05 | +1 05 | 2.7 | 1.9 | 1.3 | 0.5 | 1.60 | | | 3.5 | | |

The secondary place time differences and tidal planes are based on short observation sets and are updated as new observations become available.

* Tidal planes defined in Australian National Tide Tables (ANNT) 2021.

** Tidal planes determined through non-linear tidal transfer.

Diurnal Tidal Planes - 2023

Height above Queensland Port Datum (LAT (1992))

AHD levels or details for determining AHD levels for permanent marks can be sourced from Queensland Globe (<https://qldglobe.information.qld.gov.au/>)

| Place | Latitude South | Longitude East | Time Difference | | MHHW | MLHW | MHLW | MLLW | MSL | Ratio | Cons | HAT | Permanent Mark No. | Reference Level |
|------------------------------------|-------------------|-------------------|----------------------|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|--------------------|
| | | | HW | LW | | | | | | | | | | |
| Tidal Datum Epoch 2010-2029 | | | | | | | | | | | | | | |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| | | | H M | H M | m | m | m | m | m | | m | m | | |
| Shute Harbour | 20 17 | 148 47 | Standard Port | | 3.53 | 2.45 | 1.49 | 0.41 | 1.97 | 1.00 | 0.00 | 4.39 | PSM 8295 | 5.103 |
| Molle Island * | 20 15 | 148 50 | +0 00 | +0 00 | 3.5 | 2.2 | 1.5 | 0.2 | 1.81 | | | 4.1 | | |
| Bugatti Reef | 20 05 | 150 18 | Standard Port | | 2.83 | 1.87 | 1.33 | 0.37 | 1.60 | 1.00 | 0.00 | 3.58 | | |
| Pith Reef * | 18 13 | 147 01 | -0 59 | -0 59 | 2.6 | 1.6 | 1.5 | 0.5 | 1.55 | | | 3.3 | | |
| Mellish Reef * | 17 25 | 155 52 | -1 44 | -1 44 | 1.5 | 0.9 | 0.8 | 0.2 | 0.85 | | | 1.7 | | |
| Willis Island * | 16 13 | 150 01 | -1 07 | -1 07 | 2.2 | 1.3 | 1.3 | 0.5 | 1.32 | | | 2.7 | | |
| Townsville | 19 15 | 146 50 | Standard Port | | 3.24 | 2.24 | 1.76 | 0.75 | 2.00 | 1.00 | 0.00 | 4.22 | PSM 10011 | 9.025 |
| Unnamed Reef No2 * | 19 37 | 149 50 | -0 03 | -0 03 | 2.5 | 1.6 | 1.3 | 0.4 | 1.48 | | | 3.1 | | |
| Jaguar Reef * | 18 58 | 148 26 | -0 13 | -0 13 | 2.4 | 1.5 | 1.3 | 0.4 | 1.36 | | | 2.9 | | |
| Shrimp Reef * | 18 56 | 148 04 | -0 04 | -0 04 | 2.5 | 1.5 | 1.3 | 0.3 | 1.41 | | | 3.0 | | |
| John Brewer Reef * | 18 38 | 147 03 | +0 04 | +0 04 | 2.5 | 1.6 | 1.4 | 0.4 | 1.48 | | | 3.4 | | |
| Unnamed Reef No1 * | 17 52 | 146 43 | -0 08 | -0 08 | 2.6 | 1.60 | 1.5 | 0.5 | 1.58 | | | 3.3 | | |
| Mourilyan Harbour | 17 36 | 146 07 | Standard Port | | 2.84 | 1.90 | 1.68 | 0.74 | 1.79 | 1.00 | 0.00 | 3.58 | PSM 4855 | 5.037 |
| South Barnard Island * | 17 44 | 146 09 | -0 04 | -0 04 | 2.7 | 1.7 | 1.5 | 0.6 | 1.62 | | | 3.4 | | |
| Cairns | 16 56 | 145 47 | Standard Port | | 2.79 | 1.86 | 1.63 | 0.69 | 1.74 | 1.00 | 0.00 | 3.57 | PSM 96052 | 5.008 |
| Russell Island * | 17 13 | 146 06 | -0 17 | -0 17 | 2.4 | 1.5 | 1.4 | 0.6 | 1.48 | | | 2.8 | | |
| High Island * | 17 09 | 146 00 | -0 09 | -0 09 | 2.6 | 1.7 | 1.5 | 0.6 | 1.59 | | | 3.2 | PSM 76352 | 3.969 |
| Sudbury Cay * | 16 57 | 146 09 | -0 06 | -0 06 | 2.6 | 1.6 | 1.5 | 0.6 | 1.57 | | | 3.0 | PSM 76364 | 3.335 |
| Fitzroy Island * | 16 55 | 146 00 | -0 09 | -0 09 | 2.6 | 1.6 | 1.5 | 0.5 | 1.57 | | | 3.2 | PSM 76393 | 4.382 |
| Green Island * | 16 45 | 145 58 | -0 05 | -0 05 | 2.5 | 1.6 | 1.4 | 0.6 | 1.54 | | | 3.1 | PSM 110179 | 4.28 |
| Palm Cove * | 16 44 | 145 40 | -0 08 | -0 08 | 2.5 | 1.6 | 1.4 | 0.5 | 1.71 | | | 3.1 | PSM 73388 | 9.611 |
| Michaelmas Cay * | 16 36 | 145 59 | -0 11 | -0 11 | 2.5 | 1.6 | 1.5 | 0.6 | 1.52 | | | 3.1 | PSM 55995 | 3.948 |
| Bailay Creek * | 16 12 | 145 27 | +0 17 | +0 17 | 2.2 | 1.3 | 1.2 | 0.3 | 1.27 | | | 2.6 | | |
| Cape Bedford * | 15 13 | 145 20 | +0 04 | +0 04 | 2.3 | 1.4 | 1.3 | 0.5 | 1.38 | | | 2.8 | | |
| Low Wooded Isle * | 15 05 | 145 23 | -0 04 | -0 04 | 2.5 | 1.5 | 1.5 | 0.4 | 1.47 | | | 3.0 | | |
| Lizard Island | 14 41 | 145 27 | -0 09 | -0 09 | 2.36 | 1.54 | 1.34 | 0.53 | 1.44 | 0.87 | -0.07 | 3.03 | PSM 72386 | 3.535 |
| Port Douglas | 16 29 | 145 28 | Standard Port | | 2.67 | 1.75 | 1.54 | 0.63 | 1.65 | 1.00 | 0.00 | 3.40 | PSM 10077 | 6.058 |
| East Hope Island * | 15 44 | 145 28 | -0 11 | -0 11 | 2.5 | 1.5 | 1.4 | 0.4 | 1.47 | | | 3.1 | | |
| Leggatt Island | 14 32 | 144 51 | Standard Port | | 2.71 | 1.80 | 1.60 | 0.69 | 1.70 | 1.00 | 0.00 | 3.45 | | |
| North Direction Island * | 14 45 | 145 30 | -0 05 | -0 05 | 2.4 | 1.5 | 1.4 | 0.5 | 1.44 | | | 3.0 | PSM 90003 | 6.425 |
| East Petherbridge Island * | 14 44 | 145 06 | -0 01 | -0 01 | 2.6 | 1.7 | 1.5 | 0.6 | 1.57 | | | 3.2 | PSM 76480 | 2.749 |
| Pipon Island * | 14 07 | 144 30 | -0 02 | -0 02 | 2.5 | 1.5 | 1.4 | 0.5 | 1.48 | | | 3.0 | | |
| Creech Reef * | 13 38 | 144 05 | +0 01 | +0 01 | 2.5 | 1.5 | 1.5 | 0.5 | 1.50 | | | 3.1 | PSM 79102 | 0.48 |
| Unnamed Reef No3 * | 13 20 | 143 58 | -0 04 | -0 04 | 2.4 | 1.6 | 1.5 | 0.6 | 1.51 | | | 3.1 | PSM 92361 | -0.66 |
| Suchen Reef * | 13 18 | 143 47 | -0 01 | -0 01 | 2.5 | 1.6 | 1.5 | 0.6 | 1.57 | | | 3.3 | | |
| Night Island * | 13 11 | 143 34 | +0 01 | +0 01 | 2.5 | 1.6 | 1.4 | 0.5 | 1.50 | | | 3.0 | | |
| Jubilee Reef * | 13 10 | 143 46 | +0 02 | +0 02 | 2.5 | 1.6 | 1.5 | 0.6 | 1.55 | | | 3.2 | PSM 92355 | -1.35 |
| Ham Reef * | 13 02 | 143 52 | -0 07 | -0 07 | 2.3 | 1.5 | 1.4 | 0.5 | 1.42 | | | 3.0 | PSM 92358 | -0.85 |
| Sir Charles Hardy Island * | 11 55 | 143 26 | +0 27 | +0 27 | 2.7 | 1.6 | 1.5 | 0.4 | 1.57 | | | 3.3 | | |
| Raine Island * | 11 36 | 144 03 | -0 10 | -0 10 | 2.3 | 1.4 | 1.4 | 0.5 | 1.42 | | | 2.9 | | |
| Shadwell Reef * | 11 27 | 143 46 | +0 29 | +0 29 | 2.3 | 1.4 | 1.2 | 0.3 | 1.30 | | | 2.8 | | |
| Twin Island | 10 28 | 142 26 | Standard Port | | 3.04 | 2.03 | 1.57 | 0.57 | 1.80 | 1.00 | 0.00 | 3.88 | PSM 48736 | 2.99 |
| Thursday Island | 10 35 | 142 13 | Standard Port | | 3.12 | 2.41 | 1.41 | 0.71 | 1.91 | 1.00 | 0.00 | 3.94 | PSM 10078 | 6.375 |
| Red Island Point (Bamaga) * | 10 51 | 142 22 | +0 07 | +0 07 | 2.8 | 2.2 | 1.0 | 0.4 | 1.56 | | | 3.2 | PSM 183076 | 4.774 |
| Goods Island | 10 34 | 142 09 | Standard Port | | 3.79 | 2.73 | 1.63 | 0.57 | 2.18 | 1.00 | 0.00 | 4.15 | PSM 48726 | 5.33 |
| Booby Island | 10 36 | 141 55 | Standard Port | | 4.32 | 2.88 | 2.06 | 0.62 | 2.47 | 1.00 | 0.00 | 4.43 | | |
| Crab Island * | 10 58 | 142 07 | -0 12 | -0 12 | 3.7 | 2.4 | 1.8 | 0.5 | 2.10 | | | 3.7 | | |
| Bampfield Head * | 10 42 | 142 06 | -0 10 | -0 10 | 4.3 | 3.0 | 1.9 | 0.6 | 2.44 | | | 4.5 | | |
| Merauke * | 08 29 | 140 24 | -2 52 | -2 52 | 5.5 | 3.2 | 2.9 | 0.6 | 3.04 | | | 5.7 | | |

Diurnal Tidal Planes - 2023

Height above Queensland Port Datum (LAT (1992))

AHD levels or details for determining AHD levels for permanent marks can be sourced from Queensland Globe (<https://qldglobe.information.qld.gov.au/>)

| Place | Latitude South | Longitude East | Time Difference | | MHHW | MLHW | MHLW | MLLW | MSL | Ratio | Cons | HAT | Permanent Mark No. | Reference Level |
|------------------------------------|-------------------|-------------------|----------------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|--------------------|
| | | | HW | LW | | | | | | | | | | |
| Tidal Datum Epoch 2010-2029 | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| | | | H M | H M | m | m | m | m | m | | m | m | | |
| Weipa (Humbug Point) | 12 40 | 141 52 | Standard Port | | 3.01 | 2.27 | 1.51 | 0.77 | 1.89 | 1.00 | 0.00 | 3.33 | PSM 15094 | 7.287 |
| Aurukun (Archer River) | 13 22 | 141 43 | +0 14 | +0 23 | 2.38 | 1.79 | 1.19 | 0.61 | 1.56 | 0.79 | 0.00 | 2.63 | PSM 81258 | 7.068 |
| Archer River (Worbody Point) * | 13 20 | 141 39 | +0 23 | +0 23 | 2.1 | 1.7 | 0.8 | 0.4 | 1.26 | | | 2.2 | | |
| Pennefather River | 12 18 | 141 42 | -0 31 | -0 34 | 3.19 | 2.40 | 1.60 | 0.82 | 1.93 | 1.06 | 0.00 | 3.52 | PSM 83515 | 7.807 |
| Amrun (Boyd Point) | 12 55 | 141 37 | Standard Port | | 2.93 | 2.37 | 1.54 | 0.98 | 1.95 | 1.00 | 0.00 | 3.32 | PSM 200984 | 14.069 |
| Karumba | 17 30 | 140 50 | Standard Port | | 3.91 | 3.55 | 0.78 | 0.42 | 2.16 | 1.00 | 0.00 | 4.85 | PSM 10222 | 6.808 |
| Sweers Island Offshore * | 16 52 | 139 36 | +0 10 | +0 10 | 3.8 | 3.7 | 0.9 | 0.8 | 2.27 | | | 4.7 | | |
| Inscription Point (Sweers Is.) | 17 07 | 139 36 | +0 52 | +0 36 | 3.84 | 3.49 | 0.80 | 0.46 | 2.12 | 0.97 | +0.05 | 4.76 | | |
| Mornington Island | 16 40 | 139 10 | Standard Port | | 3.34 | 3.06 | 1.26 | 0.97 | 2.16 | 1.00 | 0.00 | 3.95 | RM(3) | 4.894 |

The secondary place time differences and tidal planes are based on short observation sets and are updated as new observations become available.

* Tidal planes defined in Australian National Tide Tables (ANTT) 2021.

** Tidal planes determined through non-linear tidal transfer.