



IAMA KING TIDES 2017/2018

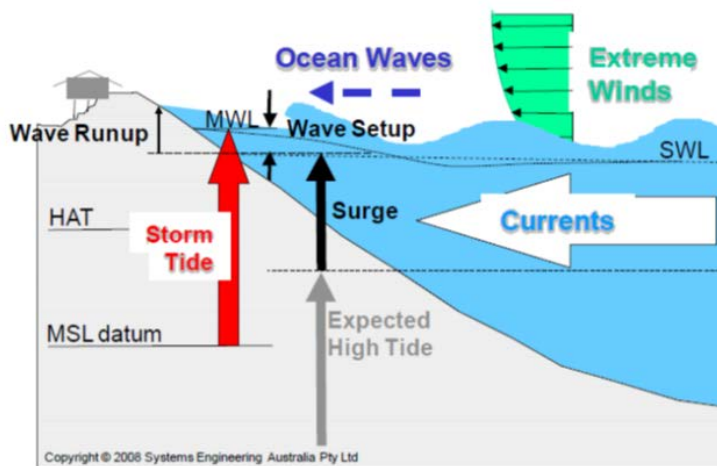
Torres Strait Island Regional Council advises you to:

- Please review King Tide dates and heights for your Community.
- Prepare your belongings at home.
- Move plant and vehicles to higher ground.
- Ensure children don't play in storm drains.

| Community | HAT | DEC 2017 | Tide Dates | Tide Times | JAN 2018 | Tide Dates | Tide Times |
|-----------|--------------|-----------------|-------------------|-------------------|-----------------|-------------------|-------------------|
| IAMA | 4.16m | 3.66 | 3-Dec-17 | 11:42 AM | 3.80 | 1-Jan-18 | 11:39 AM |
| IAMA | | 3.77 | 4-Dec-17 | 12:24 PM | 3.94 | 2-Jan-18 | 12:21 PM |
| IAMA | | 3.76 | 5-Dec-17 | 1:11 PM | 3.95 | 3-Jan-18 | 1:05 PM |
| IAMA | | | | | 3.80 | 4-Jan-18 | 1:51 PM |
| IAMA | | | | | | | |
| IAMA | | | | | 3.89 | 30-Jan-18 | 11:34 AM |
| IAMA | | | | | 4.03 | 31-Jan-18 | 12:12 PM |
| IAMA | | FEB 2018 | Tide Dates | Tide Times | MAR 2018 | Tide Dates | Tide Times |
| IAMA | | 4.01 | 1-Feb-18 | 12:51 PM | 3.96 | 1-Mar-18 | 11:55 AM |
| IAMA | | 3.84 | 2-Feb-18 | 1:28 PM | 3.89 | 2-Mar-18 | 12:27 PM |
| IAMA | | | | | 3.68 | 3-Mar-18 | 12:59 PM |
| IAMA | | 3.68 | 27-Feb-18 | 10:51 AM | | | |
| IAMA | | 3.88 | 28-Feb-18 | 11:23 AM | 3.70 | 29-Mar-18 | 11:03 AM |
| IAMA | | | | | 3.70 | 30-Mar-18 | 11:31 AM |

| KING TIDES HISTORICAL REFERENCE 2009/2018 | | | | | | | | | | |
|---|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Community | HAT | 2009/10 | 2010/11 | 2011/12 | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 |
| IAMA | 4.16m | | | 3.90 | 4.00 | 3.80 | 3.80 | 3.80 | 3.84 | 3.95 |
| IAMA | | 4.10 | 3.90 | 3.80 | 4.00 | 4.00 | 4.00 | 3.70 | 3.90 | 4.03 |
| IAMA | | 4.10 | 4.00 | 3.80 | 3.90 | 4.10 | 4.00 | 3.80 | 3.88 | 4.01 |
| IAMA | | | | | | | | 3.80 | 3.66 | 3.96 |

- Bureau of Meteorology is predicting average wet season for tropical storms/cyclones in the Torres Region with average rainfall and higher than average temperatures forecasted.
- Cyclones in the Gulf have the greatest influence on storm surge in much of the Torres Strait.
- Astronomical tides for 2017/18 are on average are higher than those experienced in 2016/17 season.
- Astronomical tides do not factor in weather conditions. Poor weather conditions could result in greater peaks than those predicted below due to the addition of storm surge (see diagram below).
- Spring tides span several days – dates below indicate the peak of each of these events.



*HAT – Highest Astronomical tide
 MSL – Mean/average Sea Level
 SWL – Still Water Level
 MWL – Mean/average high water level

For more information please contact:

Mathew Brodbeck
 Manager Engineering Operations
 Torres Strait Island Regional Council
 Mathew.Brodbeck@tsirc.qld.gov.au
 0437 342 629

Or

Adeah Kabai
 Operations Engineer
 Torres Strait Island Regional Council
Adeah.Kabai@tsirc.qld.gov.au
 0428 163 871