



MASIG KING TIDES 2017/2018

Torres Strait Island Regional Council advises you to:

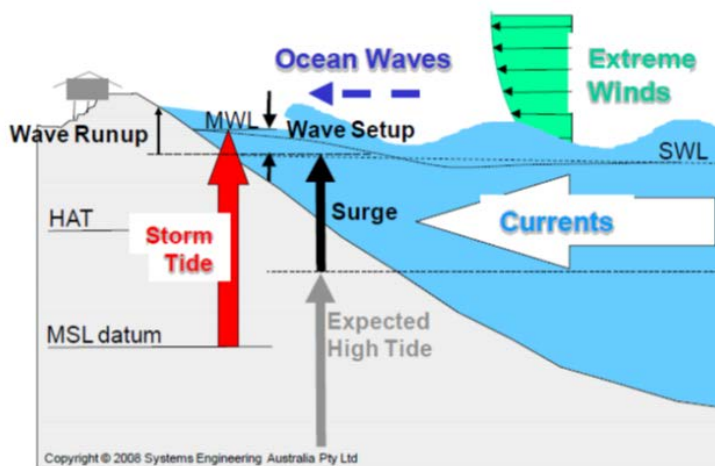
- Please review King Tide dates and heights for your Community.
- Prepare your belongings at home.
- Move plant and vehicles to higher ground.
- Ensure children don't play in storm drains.

Community	HAT	DEC 2017	Tide Dates	Tide Times	JAN 2018	Tide Dates	Tide Times
MASIG	4.35m	3.89	3-Dec-17	10:23 AM	4.05	1-Jan-18	10:14 AM
MASIG		4.00	4-Dec-17	11:11 AM	4.19	2-Jan-18	11:01 AM
MASIG		4.01	5-Dec-17	12:02 PM	4.21	3-Jan-18	11:49 AM
MASIG		3.91	6-Dec-17	12:56 PM	4.09	4-Jan-18	12:38 PM
MASIG					3.86	5-Jan-18	1:27 PM
MASIG							
MASIG					3.89	29-Jan-18	9:17 AM
MASIG					4.14	30-Jan-18	10:01 AM
MASIG					4.27	31-Jan-18	10:45 AM
MASIG		FEB 2018	Tide Dates	Tide Times	MAR 2018	Tide Dates	Tide Times
MASIG		4.26	1-Feb-18	11:30 AM	4.21	1-Mar-18	10:24 AM
MASIG		4.10	2-Feb-18	12:13 PM	4.14	2-Mar-18	11:04 AM
MASIG					3.94	3-Mar-18	11:42 AM
MASIG		3.93	27-Feb-18	9:04 AM			
MASIG		4.13	28-Feb-18	9:44 AM	3.86	28-Mar-18	8:45 AM
MASIG					3.97	29-Mar-18	9:22 AM
MASIG					3.96	30-Mar-18	9:59 AM
MASIG					3.85	31-Mar-18	10:34 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KING TIDES HISTORICAL REFERENCE 2009/2018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
MASIG	4.35m		4.00	3.90	3.90	4.00	4.00	3.90	4.10	4.21
MASIG		4.10	3.90	3.70	4.20	4.20	4.20	3.90	4.16	4.27
MASIG		4.10	3.90	3.80	4.10	4.30	4.20	4.00	4.14	4.26
MASIG								4.10	4.11	4.21

- 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