



# IAMA King Tides 2022/23

In the event of a king tide Torres Strait Island Regional Council advises you to:

- Prepare your belongings at home and sandbag where needed,
- Move machinery and equipment to higher ground,
- Avoid parking cars in low-lying area and never drive through flood waters,
- Ensure that children do not play in storm drains.

Date	Time of Peak	Peak Height
23 December 2022	12:02 (12:02pm)	3.79m
24 December 2022	12:47 (12:47pm)	3.88m
25 December 2022	13:35 (1:35pm)	3.86m
26 December 2022	14:27 (2:27pm)	3.71m
20 January 2023	11:21 (11:21am)	3.74m
21 January 2023	12:01 (12:01pm)	3.99m
22 January 2023	11:41 (11:41pm)	4.11m
23 January 2023	13:23 (1:23pm)	4.07m
24 January 2023	14:03 (2:03pm)	3.86m
18 February 2023	11:14 (11:14am)	3.89m
19 February 2023	11:48 (11:48am)	4.11m
20 February 2023	12:22 (12:22pm)	4.17m
21 February 2023	12:56 (12:56pm)	4.05m
22 February 2023	13:29 (1:29pm)	3.75m
18 March 2023	10:27 (10:27am)	3.66m
19 March 2023	10:55 (10:55am)	3.90m
20 March 2023	11:23 (11:23am)	4.01m
21 March 2023	11:53 (11:53am)	3.96m
22 March 2023	12:23 (12:23pm)	3.75m

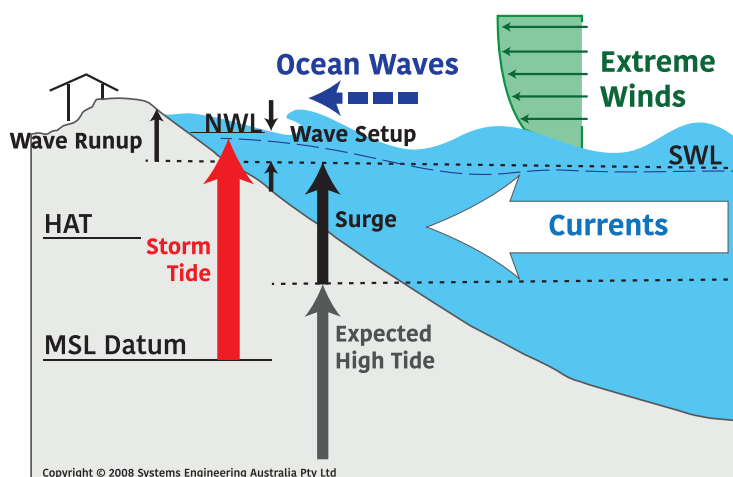


## Note:

- Date highlighted in **RED** indicate highest average tide for the month.
- Tides span several days so the dates above indicate the peak of each event
- On average 2022/2023 tides are higher than those experienced in 2021/2022.
- The tide levels are expected to meet or exceed Highest Astronomical Tide Level, which may lead to localise inundation.

King tide historical reference 2017 - 2022						
	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
December	3.77m	3.80m		3.79m	3.79m	3.88m
January	4.03m	4.01m	3.80m	3.87m	3.99m	4.11m
February	4.01m	4.09m	4.00m	3.86m	4.06m	4.17m
March	3.96m	3.97m	4.04m	3.84m	3.97m	4.01m
April			3.85m			

- Bureau of Meteorology is predicting an above average season for tropical storms/cyclones in the Torres Region with above 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.



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

## For more information please contact:

**Eunice Hosea**  
Local Community Disaster Coordinator  
Torres Strait Island Regional Council  
Eunice.Hosea@tsirc.qld.gov.au  
0417 134 010

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

