



MASIG 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	10:45 (10:45am)	4.00m
24 December 2022	11:33 (11:33am)	4.11m
25 December 2022	12:24 (12:24pm)	4.09m
26 December 2022	13:15 (1:15pm)	3.98m
20 January 2023	09:49 (9:49am)	3.98m
21 January 2023	10:34 (10:34am)	4.21m
22 January 2023	11:19 (11:19am)	4.32m
23 January 2023	12:03 (12:03pm)	4.27m
24 January 2023	12:48 (12:48pm)	4.09m
18 February 2023	09:34 (9:34am)	4.11m
19 February 2023	10:15 (10:15am)	4.31m
20 February 2023	10:55 (10:55pm)	4.36m
21 February 2023	11:35 (11:35am)	4.24m
22 February 2023	12:14 (12:14am)	3.98m
18 March 2023	08:34 (8:34am)	3.87m
19 March 2023	09:12 (9:12am)	4.10m
20 March 2023	09:49 (9:49am)	4.20m
21 March 2023	10:26 (10:26am)	4.16m
22 March 2023	11:02 (11:02am)	3.97m

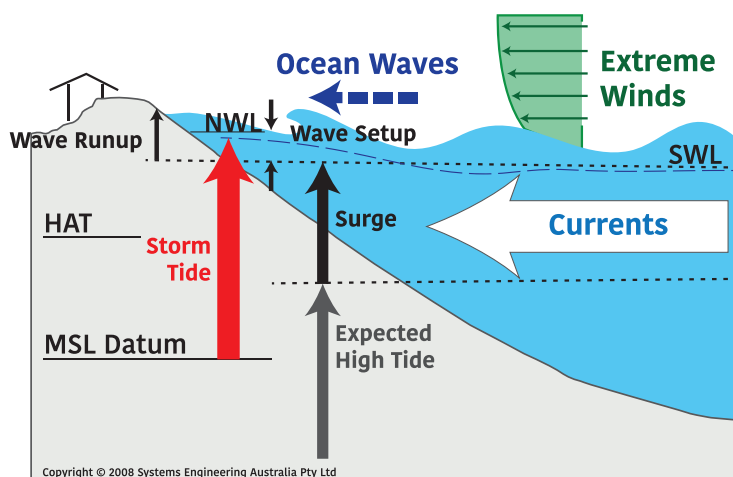


Note:

- 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King tide historical reference 2017 - 2022						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	4.10m	4.02m	3.87m	4.04m	4.03m	4.11m
January	4.27m	4.24m	3.99m	4.10m	4.22m	4.32m
February	4.26m	4.32m	4.19m	4.05m	4.28m	4.36m
March	4.21m	4.22m	4.25m	4.05m	4.17m	4.20m
April			4.11m	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

