



# PORUMA 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
22 December 2022	11:06 (11:06am)	4.20m
24 December 2022	11:53 (11:53am)	4.30m
25 December 2022	12:43 (12:43pm)	4.27m
26 December 2022	13:34 (1:34pm)	4.12m
20 January 2023	10:12 (10:12am)	4.15m
21 January 2023	10:56 (10:56am)	4.41m
22 January 2023	12:03 (12:03pm)	4.52m
23 January 2023	12:25 (12:25pm)	4.46m
24 January 2023	13:09 (1:09pm)	4.25m
18 February 2023	09:59 (9:59am)	4.28m
19 February 2023	10:39 (10:39am)	4.50m
20 February 2023	11:19 (11:19am)	4.56m
21 February 2023	11:58 (11:58am)	4.43m
22 February 2023	12:36 (12:36pm)	4.13m
19 March 2023	11:05 (11:05am)	4.26m
20 March 2023	10:15 (10:15am)	4.39m
21 March 2023	10:51 (10:51am)	4.35m
22 March 2023	11:27 (11:27am)	4.14m

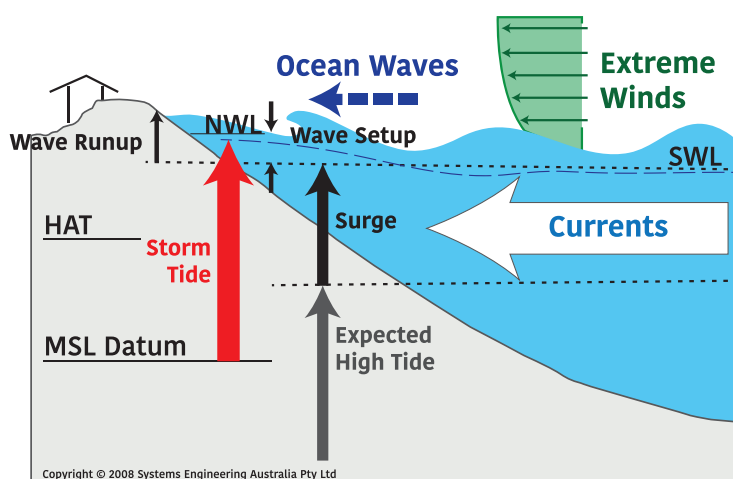


## Note:

- 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King tide historical reference 2017 - 2022						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	4.20m	4.21m	4.05m	4.23m	4.22m	4.30m
January	4.46m	4.43m	4.17m	4.10m	4.35m	4.52m
February	4.44m	4.51m	4.38m	4.22m	4.47m	4.56m
March	4.12m	4.40m	4.44m	4.23m	4.35m	4.39m
April			4.28m			

- 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

