

Northeast Monsoon Advisory

The Northeast Monsoon is likely to set in around late November 2017 and last till February 2018. Wetter weather can generally be expected during the monsoon season. Some low-lying areas in Singapore are subject to tidal influence and could experience localised flash floods should heavy rain coincide with high tides. High tides ranging from 3.0 to 3.4m are expected on the days listed in Annex. Flash floods can occur when intense storms overwhelm the drainage system.

Holistic stormwater management

PUB, Singapore's national water agency has adopted a holistic approach to cope with more intense storms. Known as the Source-Pathway-Receptor approach, measures are introduced to enhance flood protection. These include upgrading drains and canals, installing detention tanks and flood barriers at buildings, and raising entrance levels to underground facilities. With the joint efforts of PUB, developers and the public, we can better protect and prepare ourselves against future flood risks.

Be prepared

Here's how to keep updated on weather and flood information:

<p>a) Weather outlook and tide info:</p> <ul style="list-style-type: none"> • Radio broadcast • NEA hotline at 6542 7788 • Website: www.weather.gov.sg • NEA's myENV mobile app • Tide info: www.nea.gov.sg/weather-climate/forecasts/tide-information 	<p>b) Water level in canals and drains:</p> <ul style="list-style-type: none"> • Subscribe to SMS alerts at PUB's website: www.pub.gov.sg/drainage/floodmanagement/subscribesms • PUB's MyWaters mobile app
<p>c) CCTV images of road conditions:</p> <ul style="list-style-type: none"> • MyWaters app • PUB's website: https://app.pub.gov.sg/waterlevel/pages/WaterLevelSensors.aspx 	<p>d) Updates on flashfloods:</p> <ul style="list-style-type: none"> • www.facebook.com/PUBsg • www.twitter.com/PUBsingapore • PUB's MyWaters mobile app

Tips on what to do during a flash flood

Exercise caution as flash floods may suddenly and quickly occur during heavy rain. Stay calm and move to higher ground.

If you are outdoors:

Pedestrians

- Do not walk into flooded areas. If you see a flooded area ahead, turn back and move immediately to higher ground as floodwater may rise suddenly. Stay there until the flood subsides.

Motorists

- Do not drive into flooded areas. 30cm of water may stall your car. If floodwater rises around your car and stalls it, leave your car and move to higher ground if you can do so safely.
- When leaving your car, use a stick to check for steps or open drains in front of you. Moving water with a depth of 15cm can make you fall.

If you are indoors:

Residents /Business Owners

- Protect your belongings

Place stop log or stop board and sandbags at entrances to prevent floodwaters from entering the premise



Activate flood barriers for commercial buildings



Store belongings at high level if your premise is in a low-lying area



- Do not touch electrical equipment if you are wet or standing in water.

If you must leave the premises:

- Turn off utilities at the main switches or valves.

Who do I call?

Report floods at PUB 24-hour call centre at 1800-CALL-PUB (1800-2255-782).
For emergencies, call Singapore Civil Defence Force at 995.

Play your part

Keep our environment and drains litter-free and report pollution or clogs in drains by calling the National Environment Agency at 6225 5632 or PUB.

Days with High Tide (between 3.0m – 3.4m)

Flash floods may occur when there is heavy rain, especially during high tides

NOVEMBER 2017																		
Date	4		5	6		7		8	9	19	20	21	22					
Time(hrs)	1045	2330	1118	0018	1156	0113	1233	1316	1401	1107	1137	1207	1237					
Tide(m)	3.0	3.0	3.1	3.0	3.1	3.0	3.1	3.1	3.0	3.0	3.0	3.0	3.0					
DECEMBER 2017																		
Date	2	3		4	5		6		7		8	18	19	20	21	22		
Time(hrs)	0935	1013	2331	1052	0026	1133	0120	1216	0213	1303	1352	1045	1116	1148	1218	1252		
Tide(m)	3.0	3.1	3.0	3.2	3.0	3.3	3.0	3.3	3.0	3.2	3.1	3.0	3.0	3.0	3.0	3.0		
JANUARY 2018																		
Date	1	2	3		4		5		6		7	17	18	19	20	21	22	
Time(hrs)	0945	1031	0026	1118	0115	1205	0201	1254	0245	1343	1431	1105	1135	1207	1239	1313	1350	
Tide(m)	3.1	3.2	3.0	3.3	3.1	3.4	3.0	3.3	3.0	3.2	3.1	3.0	3.0	3.1	3.1	3.0	3.0	
FEBRUARY 2018																		
Date	1		2		3		4		5	16	17	18	19	20				
Time(hrs)	0015	1111	0054	1158	0131	1245	0205	1330	1416	1124	1156	1228	1301	1339				
Tide(m)	3.0	3.3	3.0	3.4	3.0	3.4	3.0	3.3	3.1	3.0	3.0	3.1	3.1	3.0				