



Government of India
Ministry of Earth Sciences



India Meteorological Department

PRESS RELEASE - 1

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Sub: Likely formation of a low pressure area over north Andaman Sea and adjoining eastcentral Bay of Bengal around 22nd May and its intensification into a Cyclonic Storm.

Southwest monsoon is very likely to advance over south Andaman Sea and adjoining southeast Bay of Bengal around 21st May, in association with the likely strengthening & deepening of southwesterly winds over the region. Other atmospheric & oceanic conditions like conducive environment for convection, Sea surface temperatures are also remaining favourable for persistent cloudiness over Andaman Sea & adjoining areas of eastcentral & southeast Bay of Bengal around 22nd May. Hence a Low pressure area is very likely to form over **north Andaman Sea and adjoining eastcentral Bay of Bengal around 22nd May.**

It is very likely to intensify gradually into a **Cyclonic Storm** during the **subsequent 72 hours**. It is very likely to move northwestwards and reach West Bengal – Odisha coasts around 26th May evening.

Warnings:

(i) Rainfall:

- **Andaman & Nicobar Islands:** Light to moderate rainfall at most places with heavy to very heavy falls at isolated places on 22nd & 23rd May.
- **Odisha – West Bengal & adjoining Assam & Meghalaya:** Light to moderate rainfall at most places with heavy falls at isolated places very likely to commence from 25th evening with significant increase in spatial extension and intensity subsequently.

(ii) Wind warning

- Squally wind speed reaching 40–50 kmph gusting to 60 kmph is likely to prevail over southeast Bay of Bengal & south Andaman Sea from 21st May onwards in association with the likely advance of southwest monsoon.
- Squally wind speed reaching 45–55 kmph gusting to 65 kmph is likely to prevail over Andaman Sea & adjoining eastcentral Bay of Bengal on 23rd May. It is very likely to increase becoming 50–60 kmph gusting to 70 kmph from 23rd May and further becoming Gale wind speed during 24th – 26th May over major parts of central Bay of Bengal and into north Bay of Bengal and along & off Odisha – West Bengal – Bangladesh coasts during 25th – 27th May.

(iii) Sea condition

- Sea conditions will be rough to very rough over southeast Bay of Bengal & south Andaman Sea from 21st May onwards.
- Sea conditions will be rough to very rough over Andaman Sea & adjoining eastcentral Bay of Bengal on 23rd May, High to very High over major parts of central Bay of Bengal during 24th – 26th May and into north Bay of Bengal and along & off Odisha – West Bengal coasts during 25th – 27th May.

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Spatial rainfall distribution: Isolated: <25%, A few: 26-50%, Many: 51-75%, Most: 76-100%

Rainfall amount (mm): Heavy rain: 64.5 – 115.5, Very heavy rain: 115.6 – 204.4, Extremely heavy rain: 204.5 or more.

(iv) Fishermen Warning

- The fishermen are advised not to venture into southeast Bay of Bengal & south Andaman Sea from 21st May onwards, into central Bay of Bengal from 23rd – 25th May and into north Bay of Bengal along & off West Bengal – Odisha – Bangladesh coasts from 25th – 27th May.
- Those who are out in the Deep Sea are advised to return to the coast by **23rd May**.

The developmnet of the system is under continuous surveillance and the concerned state governments are being informed regularly.

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