



Government of India
Ministry of Earth Sciences



India Meteorological Department

PRESS RELEASE - 3

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Sub: a) Advance of Southwest monsoon into some parts of south Bay of Bengal, south Andaman Sea, Nicobar Islands and some parts of North Andaman Sea
b) Likely formation of a low pressure area over eastcentral Bay of Bengal and adjoining north Andaman Sea on 22nd May and its intensification into a Cyclonic Storm.

- Southwest monsoon has advanced into some parts of southwest Bay of Bengal, most parts of southeast Bay of Bengal, south Andaman Sea and **Nicobar Islands and some parts of North Andaman Sea**, today, the 21st May, 2021 in association with the strengthening & deepening of southwesterly winds over the region and widespread rainfall activity. The northern Limit of Monsoon (NLM) passes through (latitude/longitude) 5°/83°, 10°/90°, 12°/95° and 130°/98° (Fig. 1). Conditions are becoming favourable for further advance of southwest monsoon into some more parts of southwest Bay of Bengal, remaining parts of southeast Bay of Bengal, entire Andaman Sea and Andaman & Nicobar Islands and some parts of central Bay of Bengal **during next 48 hours.**
- A cyclonic circulation lies over Southeast and adjoining central Bay of Bengal between 3.1 km & 5.8 km above mean sea level. Under its influence, a Low pressure area is very likely to form over **eastcentral Bay of Bengal and adjoining north Andaman Sea on 22nd May 2021.** It is very likely to move northwestwards and intensify into a **Cyclonic Storm** by 24th May. It would continue to move northwestwards, intensify further and reach North Bay of Bengal near Odisha- West Bengal coasts around 26th May morning.

Warnings:

(i) Rainfall:

- **Andaman & Nicobar Islands:** Light to moderate rainfall at most places with heavy to very heavy falls at isolated places during 21 to 23 May.
- **Odisha – West Bengal:** Light to moderate rainfall at most places with heavy falls at isolated places very likely to commence from 25th May 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.
- Squally wind speed reaching 40–50 kmph gusting to 60 kmph is likely to prevail over Andaman Sea & adjoining eastcentral and southeast Bay of Bengal on 22nd May. It is very likely to increase becoming 45–55 kmph gusting to 65 kmph over **eastcentral Bay of Bengal and adjoining north Andaman Sea** from 23rd Morning. It is very likely to increase further becoming 50-60 gusting to 70 kmph on 23rd May and becoming Gale wind speed reaching 65 to 75 gusting to 85 over major parts of central Bay of Bengal from 24th morning and would increase gradually till 25th May.

Contact: Cyclone Warning Division, Office of the Director General of Meteorology,
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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.

- Squally wind speed reaching 40-50 kmph gusting 60 kmph is very likely to prevail over North Bay of Bengal and along and off Odisha – West Bengal – Bangladesh coasts from 24th evening. It would increase gradually becoming 50-60 kmph gusting to 70 kmph from 25th evening and would gradually increase thereafter till 26th noon.

(iii) Sea condition

- Sea conditions will be rough to very rough over southeast Bay of Bengal & south Andaman Sea from 21st May onwards till 23rd May .
- 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, north Bay of Bengal and along & off Odisha – West Bengal coasts during 24th – 26th May.

(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 and along & off West Bengal – Odisha – Bangladesh coasts from 24th – 26th 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.

Kindly visit www.rsmcnewdelhi.imd.gov.in and www.mausam.imd.gov.in for regular updates.

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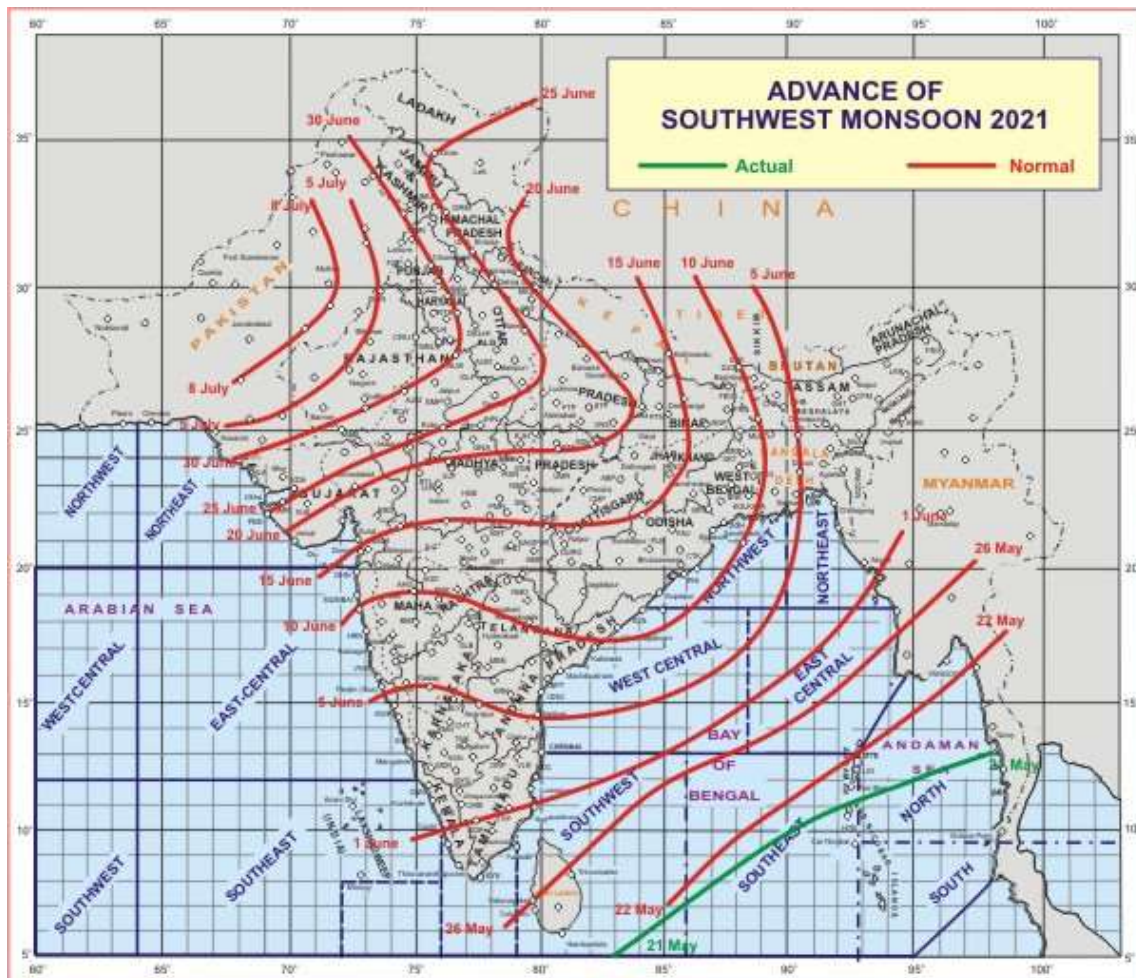


Fig.1: The northern Limit of southwest Monsoon 2021 (NLM)

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