



**India Meteorological Department
(Ministry of Earth Sciences)**

SPECIAL MESSAGE

TIME OF ISSUE: 1245 HOURS IST

DATED: 15.11.2021

FROM: INDIA METEOROLOGICAL DEPARTMENT (FAX NO. 24643965/24699216/24623220)

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ADMINISTRATOR, DAMAN, DIU, DADRA & NAGAR HAVELI (FAX NO 0260-2230775)
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CHIEF SECRETARY, KERALA (FAX NO 0471-2327176)
ADMINISTRATOR, LAKSHADWEEP (FAX NO 04896-26284)**

Sub: Low Pressure Area over north Andaman Sea & likely formation of another Low Pressure Area over east-central Arabian Sea off south Maharashtra coast.

Yesterday's Low Pressure Area over central parts of Andaman Sea moved slightly west-northwestwards and lay over North Andaman Sea & neighbourhood at 0530 hrs IST of today the 15th November 2021. It persisted over the same region at 0830 hrs IST. It is likely to move west-northwestwards and become well marked over east-central & adjoining Southeast Bay of Bengal during next 48 hours. Thereafter it is likely to move nearly westwards and reach west-central & adjoining southwest Bay of Bengal off south Andhra Pradesh – north Tamil Nadu coasts on 18th November 2021.

Based on today's analysis, the possibility of further intensification of the system appears to be low, mainly owing to the enhanced likelihood of formation of another low pressure area over east-central Arabian Sea off south Maharashtra coast during next 24 hours.

A cyclonic circulation lay over east-central & adjoining southeast Arabian Sea at 0530 hrs IST and persisted there at 0830 hrs IST of today. Under its influence, a Low Pressure Area is likely to form over east-central Arabian Sea off south Maharashtra coast during next 24 hours. It is likely to move west-northwestwards & become more marked during the subsequent 48 hours.

Warnings in association with the above Low Pressure systems:

(i) Rainfall (warning graphics enclosed)

15th Nov.: Light to moderate rainfall at most places with heavy rainfall at isolated places very likely over Andaman & Nicobar Islands, heavy to very heavy rainfall at isolated places over coastal Karnataka & adjoining north Kerala and heavy falls at isolated places over south Konkan & Goa

16th Nov.: Light to moderate rainfall at most places with **heavy rainfall at isolated places** very likely over Andaman & Nicobar Islands, coastal Karnataka and south Konkan & Goa.

17th Nov.: Light to moderate rainfall at most places **with heavy to very heavy rainfall at isolated places** very likely over south coastal Andhra Pradesh and north coastal Tamil Nadu.

18th Nov.: Light to moderate rainfall at most places **with heavy to very heavy rainfall at isolated places** very likely over south coastal Andhra Pradesh and north coastal Tamil Nadu.

(ii) Wind warning

- Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph likely to prevail over Andaman Sea & adjoining southeast Bay of Bengal on 15th, over east-central & adjoining southeast Bay of Bengal during 16th – 17th November and over west-central & adjoining southwest Bay of Bengal and along & off south Andhra Pradesh – north Tamil Nadu coasts on 18th November 2021.
- Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph likely to prevail over east-central & adjoining southeast Arabian Sea along & off Karnataka – north Kerala coasts on 16th, over east-central Arabian Sea along & off Goa – south Maharashtra coasts on 16th & 17th and over east-central Arabian Sea along & off Maharashtra coast on 18th November 2021.

(iii) Sea condition

- Sea condition will be rough to very rough over Andaman Sea & adjoining southeast Bay of Bengal on 15th, over east-central & adjoining southeast Bay of Bengal during 16th – 17th November and over west-central & adjoining southwest Bay of Bengal and along & off south Andhra Pradesh – north Tamil Nadu coasts on 18th November 2021.
- Sea condition will be rough to very rough also over east-central & adjoining southeast Arabian Sea along & off Karnataka – north Kerala coasts on 16th, over east-central Arabian Sea along & off Goa – south Maharashtra coasts on 16th & 17th and over east-central Arabian Sea along & off Maharashtra coast on 18th November 2021.

(iv) Fishermen Warning (Graphics enclosed).

- Fishermen are advised not to venture into Andaman Sea & adjoining southeast Bay of Bengal on 15th, east-central & adjoining southeast Bay of Bengal during 16th – 17th November and into west-central & adjoining southwest Bay of Bengal and along & off south Andhra Pradesh – north Tamil Nadu coasts on 18th November 2021.
- Fishermen are advised not to venture into east-central & adjoining southeast Arabian Sea along & off Karnataka – north Kerala coasts on 16th, east-central Arabian Sea along & off

Goa – south Maharashtra coasts on 16th & 17th and into east-central Arabian Sea along & off Maharashtra coast on 18th November 2021.

(v) EXPECTED IMPACT (over south coastal Andhra Pradesh and north coastal Tamil Nadu on 17th & 18th Nov. 2021) & ACTION SUGGESTED

A. Impact Expected

- Localized Flooding of roads, inundation and water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides
- Damage to horticulture and standing crops in some areas due to inundation.

B. Action Suggested

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

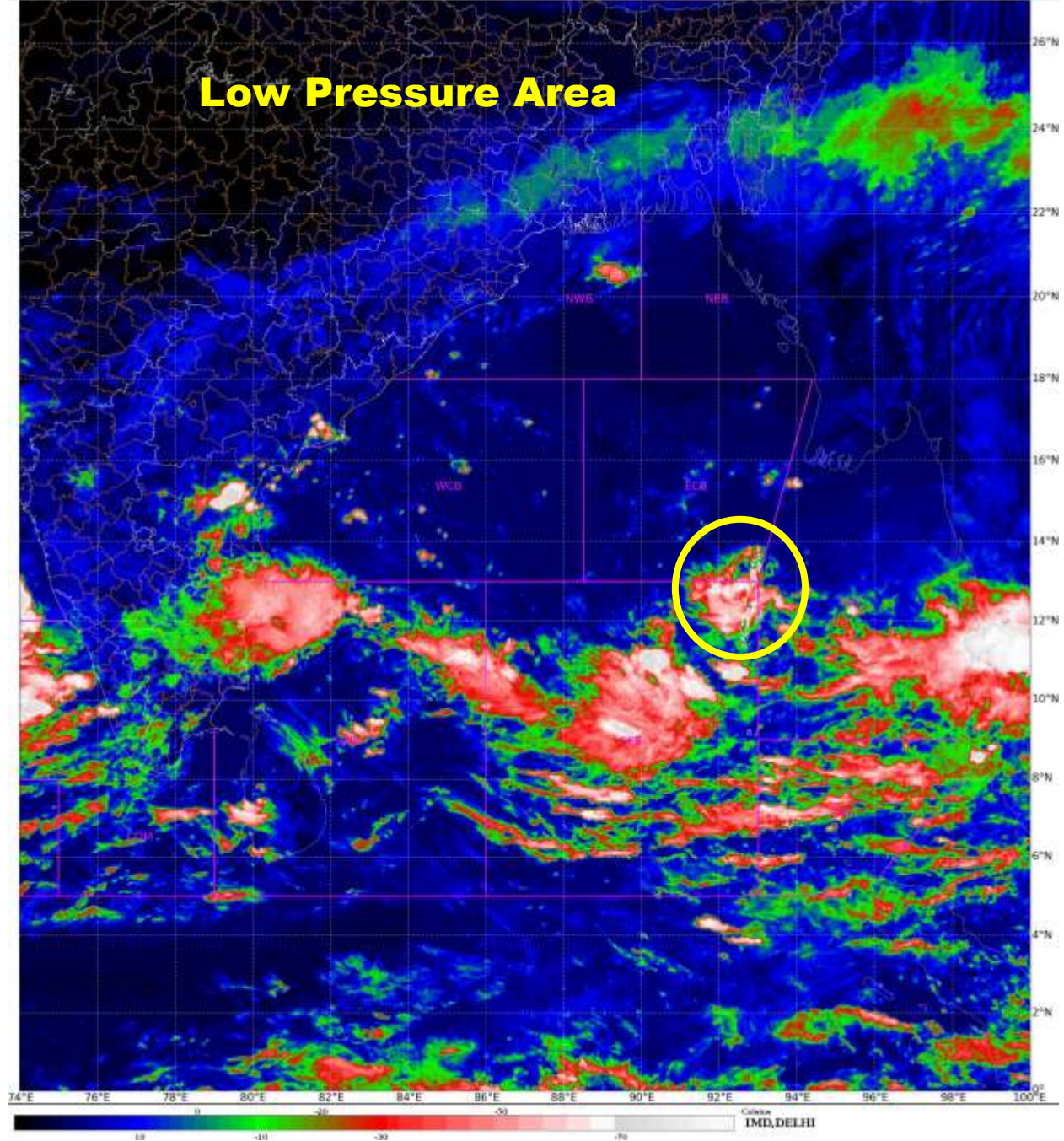
Next update will be issued at 1330 IST of tomorrow, the 16th November 2021.

(Dr RK JENAMANI)

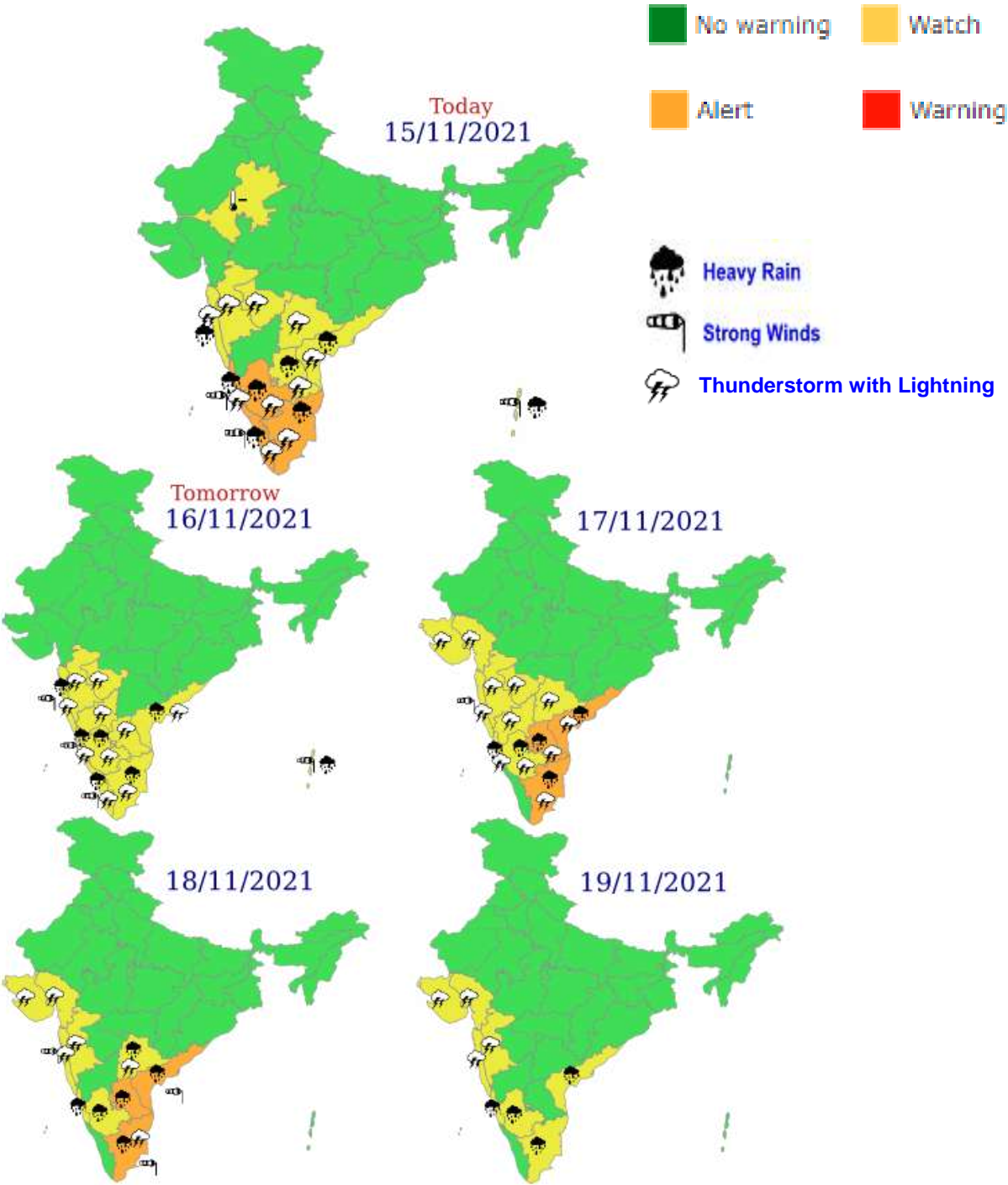
Scientist-F, RSMC, New Delhi

Copy to: ACWC Chennai/Kolkata/ CWC Visakhapatnam/Bhubaneswar/ ACWC Mumbai/CWC Thiruvananthapuram/ CWC Ahmedabad

LEGEND: Heavy Rainfall: 64.5 to 115.5mm, **Very Heavy Rainfall:** 115.6 to 204.4mm **Most Places:** more than 76% of total stations, **Isolated Places:** Less than 25% of total stations

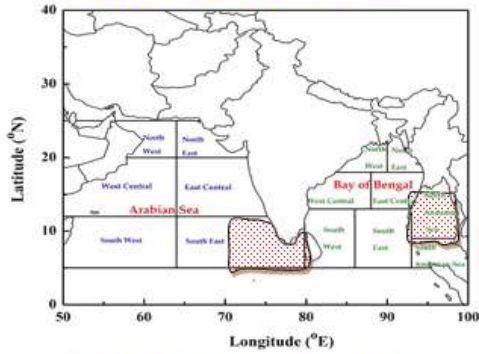


Meteorological Sub-division level heavy rainfall warning

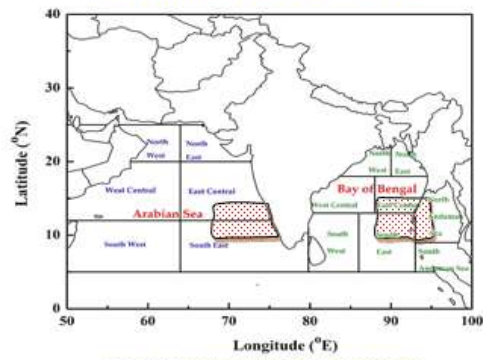


INDIA METEOROLOGICAL DEPARTMENT
FISHERMAN WARNING FOR BAY OF BENGAL AND ARABIAN SEA

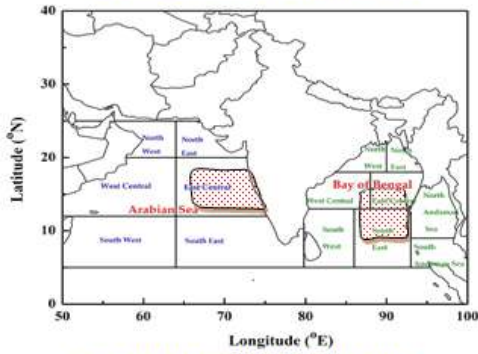
DAY-1: 15.11.2021/0600 UTC TO 16.11.2021/0600 UTC



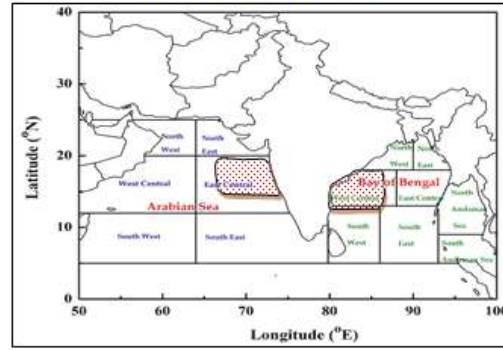
DAY-2: 16.11.2021/0600 UTC TO 17.11.2021/0600 UTC



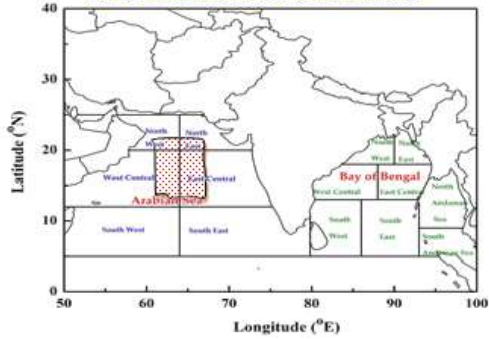
DAY-3: 17.11.2021/0600 UTC TO 18.11.2021/0600 UTC



DAY-4: 18.11.2021/0600 UTC TO 19.11.2021/0600 UTC



DAY-5: 19.11.2021/0600 UTC TO 20.11.2021/0600 UTC



AREA UNDER FISHERMEN WARNING

- 40-50 KMPH GUSTING TO 60 KMPH (SQUALLY WEATHER)
- 45-55 KMPH GUSTING TO 60 KMPH (SQUALLY WEATHER)
- 55-65 KMPH GUSTING TO 70 KMPH (STRONG WIND)