



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

SPECIAL MESSAGE

TIME OF ISSUE: 1325 HOURS IST

DATED: 16.11.2021

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

**TO: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23012284, 23018638)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MOES (FAX NO. 24629777)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (23421105, 23421219)
PIB MOES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX NO. 26105912, 2436 3260)
DIRECTOR, PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)
CHIEF SECRETARY, ANDHRA PRADESH (FAX NO. 0863-2441029, 08645-246600)
CHIEF SECRETARY, ODISHA (FAX NO 0674-2536660)
CHIEF SECRETARY, TAMIL NADU (FAX NO 044-25672304)
CHIEF SECRETARY, PUDUCHERRY (FAX NO 0413-2334145)
CHIEF SECRETARY, ANDAMAN & NICOBAR ISLANDS (FAX NO. 03192- 232656)
CHIEF SECRETARY, MAHARASHTRA (FAX NO 022-22028594)
CHIEF SECRETARY, GUJARAT (FAX NO 079-23250305)
ADMINISTRATOR, DAMAN, DIU, DADRA & NAGAR HAVELI (FAX NO 0260-2230775)
CHIEF SECRETARY, GOA (FAX NO 0832-2415201)
CHIEF SECRETARY, KARNATAKA (FAX NO 080-22258913)
CHIEF SECRETARY, KERALA (FAX NO 0471-2327176)
ADMINISTRATOR, LAKSHADWEEP (FAX NO 04896-26284)**

Sub: Updates on: (i) Low Pressure Area over southeast Bay of Bengal, (ii) fresh Low Pressure Area over east-central Arabian Sea off Karnataka coast.

(i) Yesterday's Low Pressure Area over North Andaman Sea & neighbourhood moved westwards and lay over southeast Bay of Bengal at 0830 hrs IST of today. 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.

(ii) Under the influence of the cyclonic circulation over east-central & adjoining southeast Arabian Sea off Karnataka – north Kerala coasts, a fresh Low Pressure Area formed over east-central Arabian Sea off Karnataka coast based on the observations of 0530 hrs IST of today. It persisted there at 0830 hrs IST of today. It is likely to move west-northwestwards & become more marked during next 48 hours.

Warnings in association with the above Low Pressure systems:

(i) Rainfall (warning graphics enclosed)

16th Nov.: Light to moderate rainfall at many places with **heavy rainfall at isolated places** very likely over Kerala, coastal & south interior Karnataka and south Konkan & Goa.

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

18th Nov.: Light to moderate rainfall at many places **with heavy to very heavy rainfall & extremely heavy falls at isolated places** very likely over south coastal Andhra Pradesh and adjoining north coastal Tamil Nadu and heavy to very heavy rainfall at isolated places over Rayalaseema.

(ii) Wind warning

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

(iii) Sea condition

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

(iv) Fishermen Warning (Graphics enclosed).

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

This is the last update on these Low Pressure systems, as the possibility of any further intensification for the Low pressure area over the Bay of Bengal appears to be 'low' and that over the Arabian Sea is likely to move further away from the west coast with marginal intensification.

(Dr RK JENAMANI)

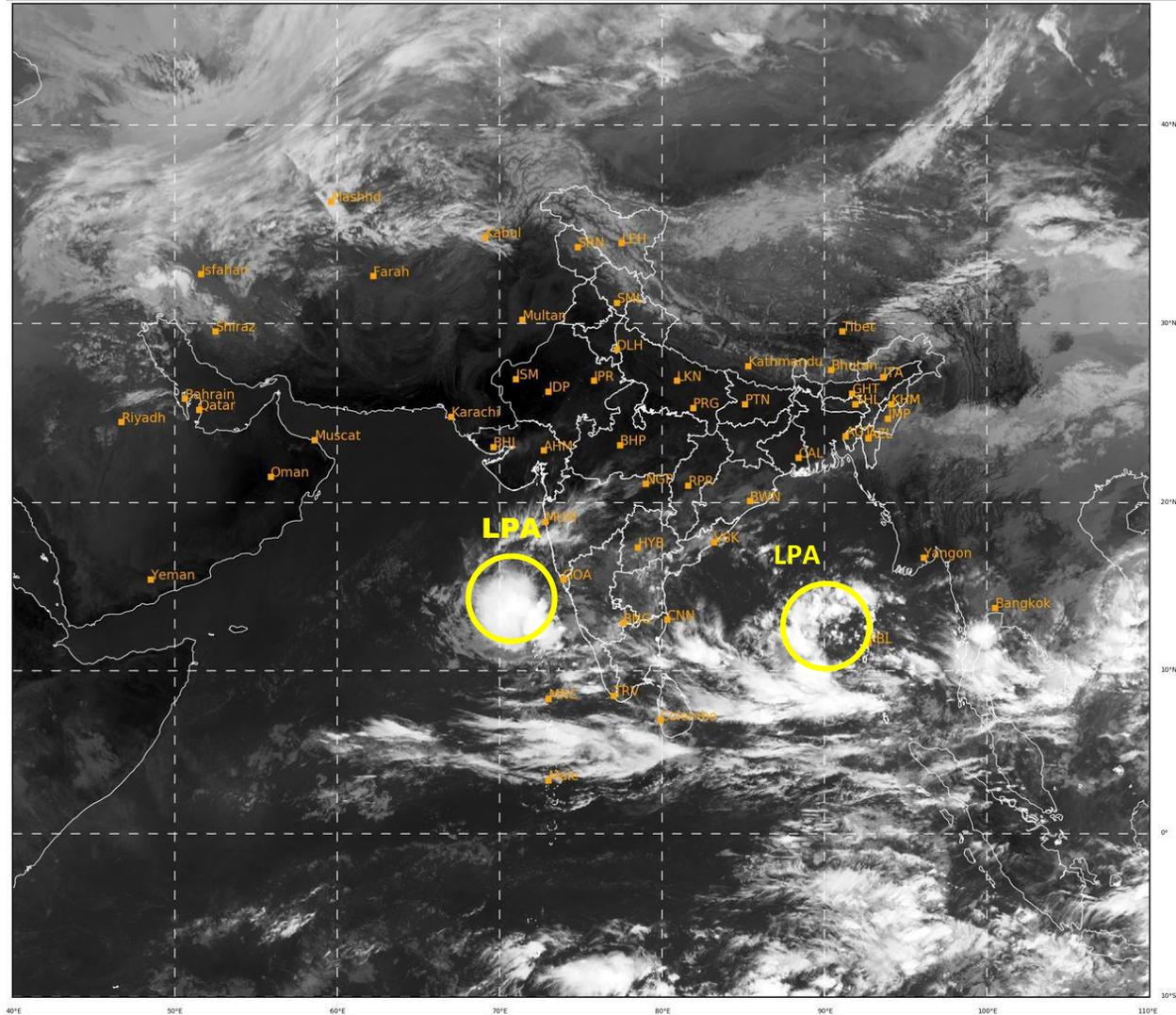
Scientist-F, RSMC, New Delhi

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

SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

16-11-2021/(0515 to 0542) GMT
16-11-2021/(1045 to 1112) IST

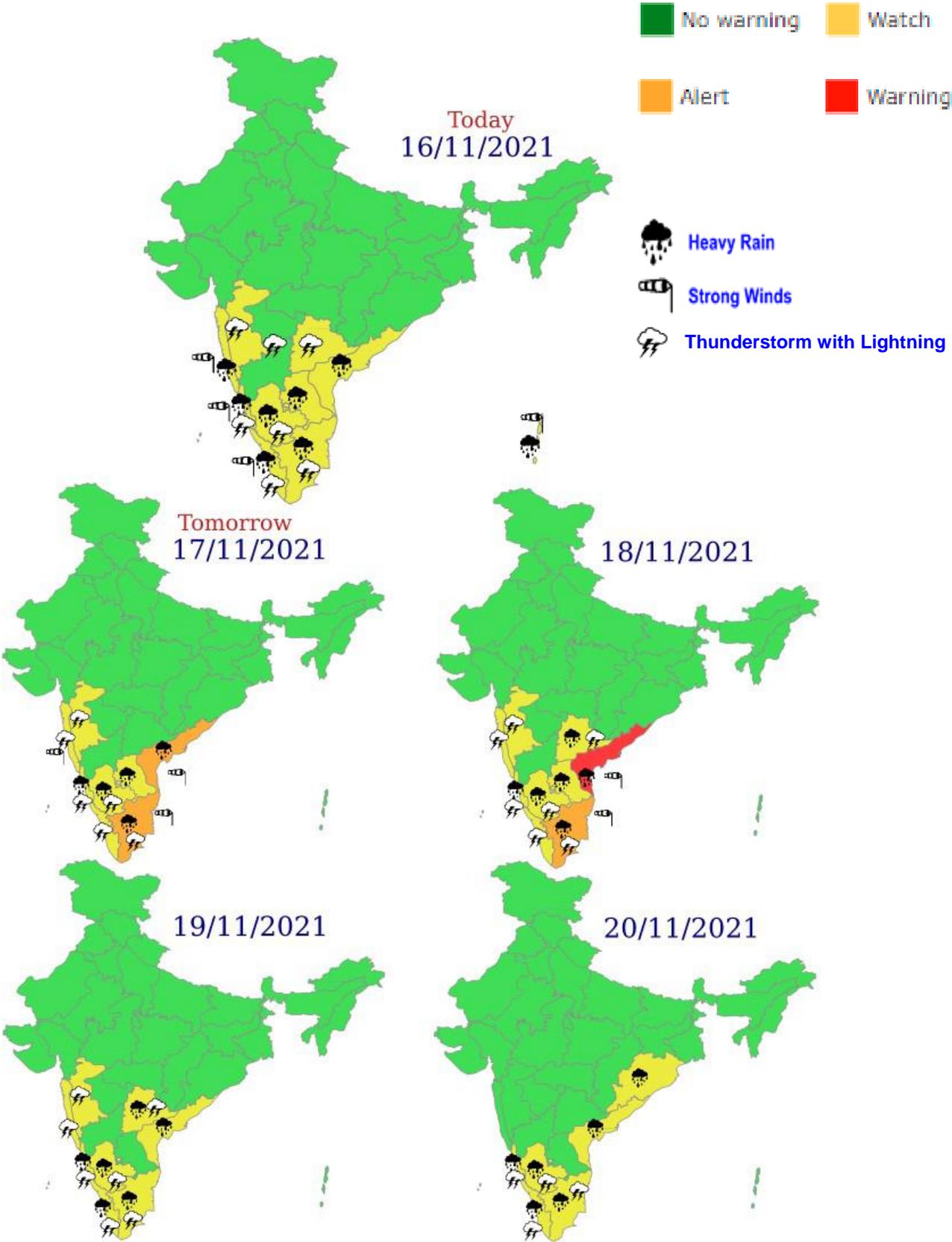


393

935

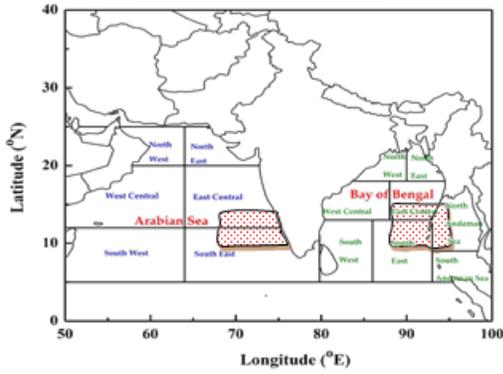
IMD, DELHI

Meteorological Sub-division level heavy rainfall warning

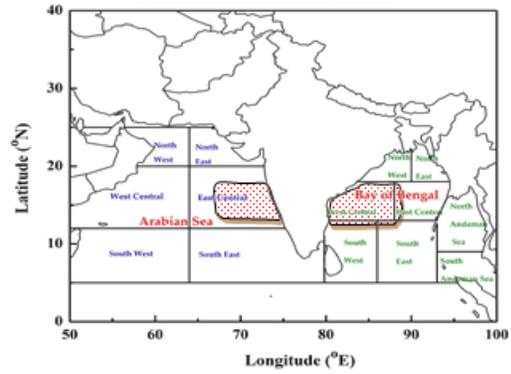


INDIA METEOROLOGICAL DEPARTMENT
FISHERMAN WARNING FOR BAY OF BENGAL AND ARABIAN SEA

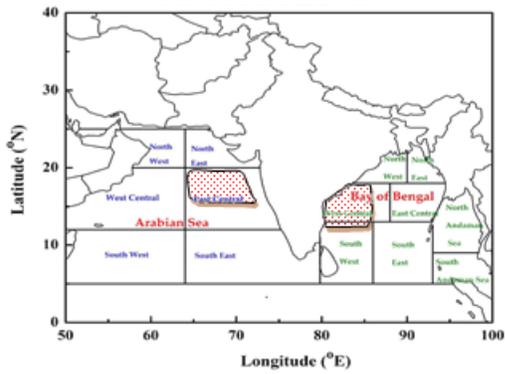
DAY-1: 16.11.2021/0600 UTC TO 17.11.2021/0600 UTC



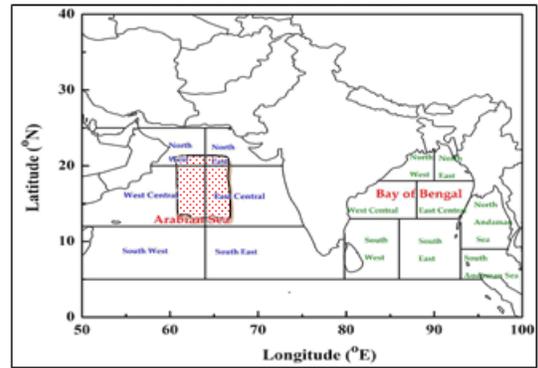
DAY-2: 17.11.2021/0600 UTC TO 18.11.2021/0600 UTC



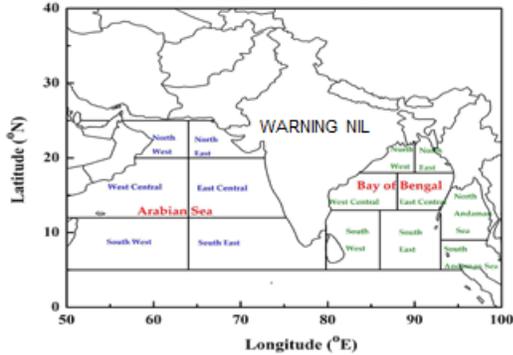
DAY-3: 18.11.2021/0600 UTC TO 19.11.2021/0600 UTC



DAY-4: 19.11.2021/0600 UTC TO 20.11.2021/0600 UTC



DAY-5: 20.11.2021/0600 UTC TO 21.11.2021/0600 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)