



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

**SPECIAL MESSAGE**

TIME OF ISSUE: 1400 HOURS IST

DATED: 30.11.2021

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, ANDAMAN & NICOBAR ISLANDS (FAX NO. 03192- 232656)  
CHIEF SECRETARY, ANDHRA PRADESH (FAX NO. 0863-2441029, 08645-246600)  
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674 -2536660)  
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX NO. 033-22144328)  
CHIEF SECRETARY, TAMIL NADU (FAX NO 044-25672304)  
CHIEF SECRETARY, PUDUCHERRY (FAX NO 0413-2334145)**

**Sub: Likely emergence of a Low Pressure Area over Andaman Sea during next 12 hours and its intensification into a Cyclonic Storm over central Bay of Bengal around 3<sup>rd</sup> December 2021.**

A low pressure lay over south Thailand & neighbourhood at 0830 hrs IST of today, the 30<sup>th</sup> November 2021. It is likely to emerge into Andaman Sea during next 12 hours. Thereafter it is likely to move west-northwestwards and concentrate into a Depression over southeast & adjoining east-central Bay of Bengal by 2<sup>nd</sup> December and intensify into a Cyclonic Storm over central parts of the Bay of Bengal during the subsequent 24 hours. Subsequently, it is likely to move northwestwards, intensify further and reach north Andhra Pradesh – Odisha coasts around 4<sup>th</sup> December morning.

**Warnings:**

**(i) Rainfall (warning graphics enclosed)**

**30<sup>th</sup> Nov.:** Light to moderate rainfall at most places with **heavy to very heavy rainfall falls** at isolated places very likely over Andaman & Nicobar Islands.

**1<sup>st</sup> Dec.:** Light to moderate rainfall at most places with **heavy to very heavy rainfall at a few places & extremely heavy falls at isolated places** very likely over Andaman & Nicobar Islands.

**2<sup>nd</sup> Dec.:** Light to moderate rainfall at most places **with heavy rainfall** at isolated places very likely over Andaman & Nicobar Islands.

**3<sup>rd</sup> Dec.:** Light to moderate rainfall at many places with **heavy rainfall** at isolated places very likely to commence over north coastal Andhra Pradesh and south coastal Odisha from evening / night.

**4<sup>th</sup> Dec.:** Light to moderate rainfall at most places **with heavy to very heavy rainfall & extremely heavy falls** at isolated places very likely over **coastal Odisha** and heavy to very heavy rainfall at isolated places over adjoining interior districts of Odisha, coastal districts of West Bengal and north coastal Andhra Pradesh.

**5<sup>th</sup> Dec.:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places likely over West Bengal and adjoining north coastal Odisha.

It is likely that the north eastern states would also experience enhanced rainfall activity on 5<sup>th</sup> & 6<sup>th</sup> December, with isolated heavy to very heavy rainfall owing to the likely northeastward movement of the remnant of the system during the same period.

#### (ii) Wind warning

- Squally wind speed reaching 40-50 kmph gusting to 60 kmph likely to prevail over Andaman Sea, today 30<sup>th</sup> November. It would increase gradually becoming 45-55 kmph gusting to 65 kmph over Andaman Sea, Andaman & Nicobar Islands and adjoining southeast Bay of Bengal, tomorrow, the 1<sup>st</sup> December.
- It would further increase to wind speed reaching 50-60 kmph gusting to 70 kmph over southeast & adjoining east-central Bay of Bengal, Andaman & Nicobar Islands & Andaman Sea on 2<sup>nd</sup> December.
- Gale winds speed reaching 65-75 kmph gusting to 85 kmph likely to prevail over central Bay of Bengal from the early morning of 3<sup>rd</sup> December and gradually increase becoming 90-100 kmph gusting to 110 kmph over northwest & adjoining west-central Bay of Bengal from the morning of 4<sup>th</sup> December for the subsequent 24 hours.
- Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely to commence along & off North Andhra Pradesh – Odisha coast from the mid-night of 3<sup>rd</sup> December and increase gradually becoming 70-80 kmph gusting to 90 kmph from 4<sup>th</sup> Afternoon, for the subsequent 12 hours.
- Squally wind speed reaching 45-55 kmph gusting to 65 kmph also likely to commence along & off West Bengal coast from 4<sup>th</sup> December morning and become Gale wind speed reaching 60-70 kmph gusting to 80 kmph from the evening of 4<sup>th</sup> December for the subsequent 12 hours.

#### (iii) Sea condition

- Sea condition will be rough to very rough over Andaman Sea, today 30<sup>th</sup> November, over Andaman Sea, along & off Andaman & Nicobar Islands and adjoining southeast Bay of Bengal, tomorrow, the 1<sup>st</sup> December.
- Sea condition would become very rough to High over southeast & adjoining east-central Bay of Bengal, Andaman & Nicobar Islands & Andaman Sea on 2<sup>nd</sup> December.
- Sea condition would be High over central Bay of Bengal and High to very High over west-central & adjoining northwest Bay of Bengal from the early morning of 4<sup>th</sup> December for the subsequent 24 hours.
- Sea condition will be rough to very rough over along & off North Andhra Pradesh – Odisha coast from the mid-night of 3<sup>rd</sup> December and become High to very High from 4<sup>th</sup> Afternoon,

for the subsequent 12 hours. It will be very rough to High along & off West Bengal coast from 4<sup>th</sup> morning and High to very High from the same evening for the subsequent 12 hours.

**(iv) Fishermen Warning (in association with the likely formation of the system)**

- Fishermen are advised not to venture into Andaman Sea during 30<sup>th</sup> November – 2<sup>nd</sup> December 2021, over southeast & adjoining east-central Bay of Bengal on 2<sup>nd</sup> & 3<sup>rd</sup> December, over west-central & adjoining northwest Bay of Bengal and along & off north Andhra Pradesh - Odisha- West Bengal coasts during 3<sup>rd</sup> - 5<sup>th</sup> December 2021 (Graphics enclosed).
- Fishermen out at Sea are advised to return to coast by the morning of 2<sup>nd</sup> December 2021.

**(v) Advisory to along & off shore Installations**

The off-shore & alongshore operations along north Andhra Pradesh, Odisha & West Bengal coasts are advised to be judiciously regulated on 3<sup>rd</sup> December and to be suspended on 4<sup>th</sup> December 2021, to ensure safety of life & property.

**(vi) EXPECTED IMPACT & 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 affected 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 kutchha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

**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.
- Harvest the ripen crops like Paddy & Horticultural crops and also secure the harvested crops securely from the damage due to rain and strong winds.

Next update will be provided by 1330 hrs IST of tomorrow, the 1<sup>st</sup> December 2021.

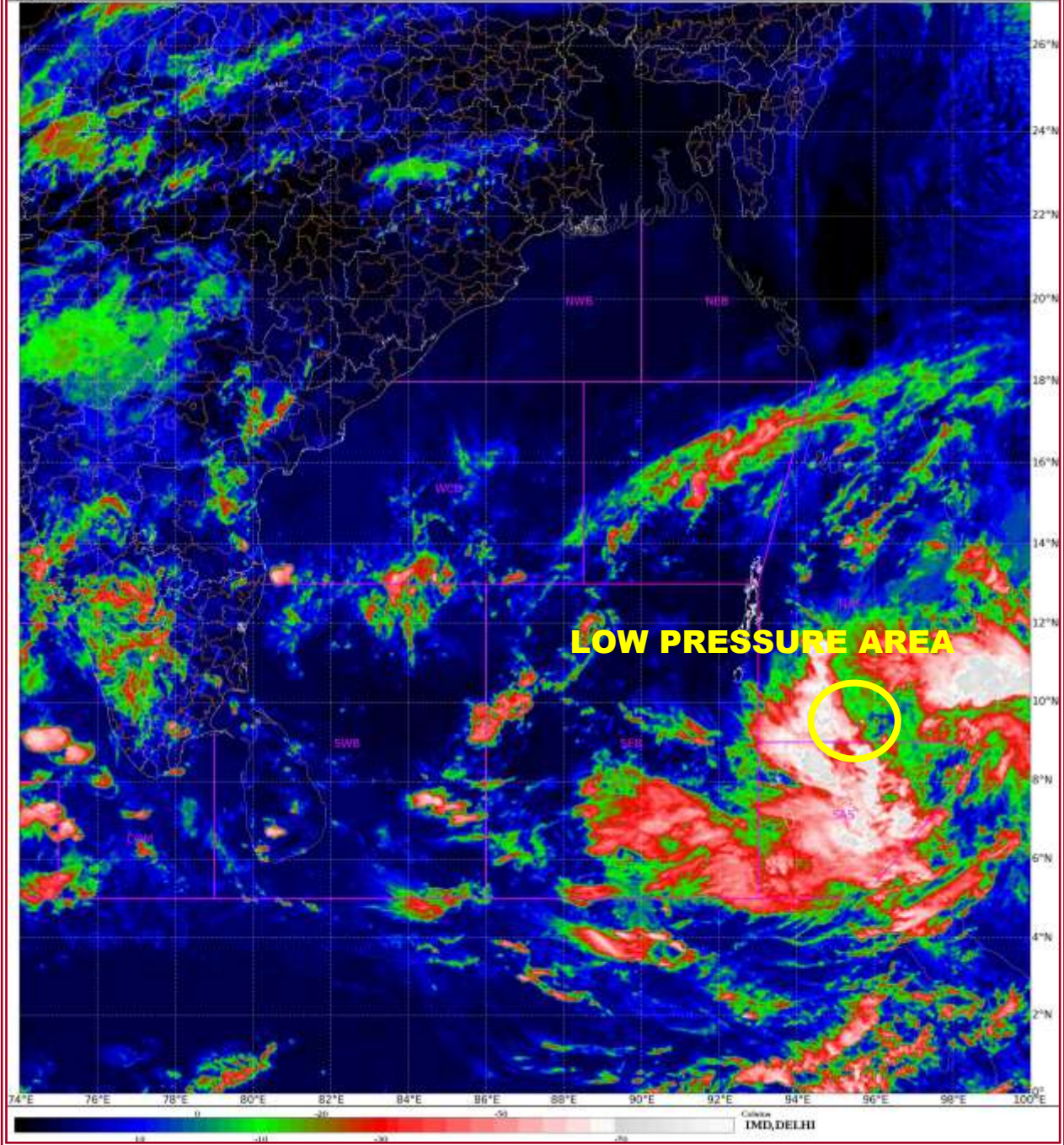
**(Sunitha Devi. S)**  
**Scientist-F, RSMC, New Delhi**

Copy to: ACWC Kolkata/ CWC Vishakhapatnam/CWC Bhubaneswar

**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

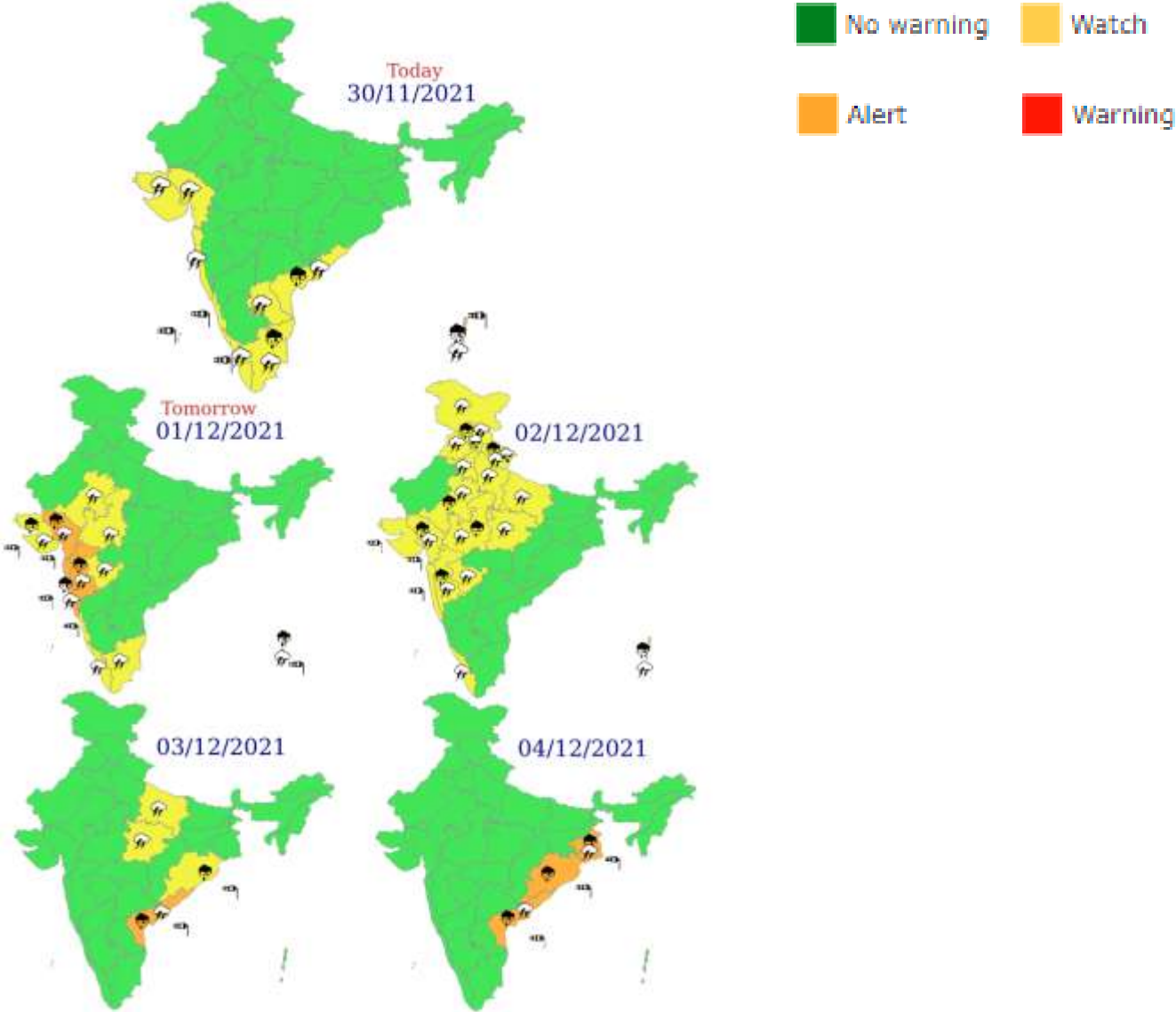
SAT : INSAT-3DR IMG  
IMG\_TIR1\_TEMP 10.8 um  
LIC Mercator

30-11-2021/(0645 to 0712) GMT  
30-11-2021/(1215 to 1242) IST



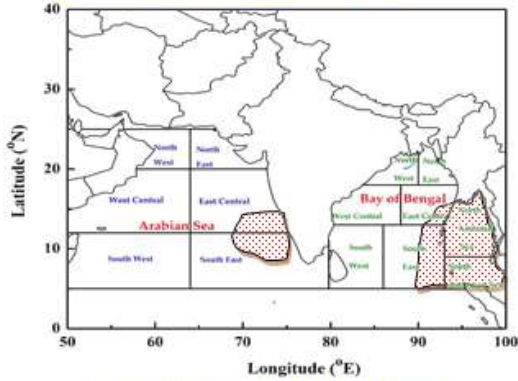


# Meteorological Sub-division level heavy rainfall warning

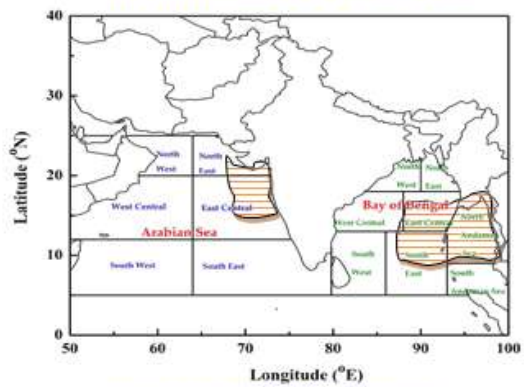


# INDIA METEOROLOGICAL DEPARTMENT FISHERMAN WARNING FOR BAY OF BENGAL AND ARABIAN SEA

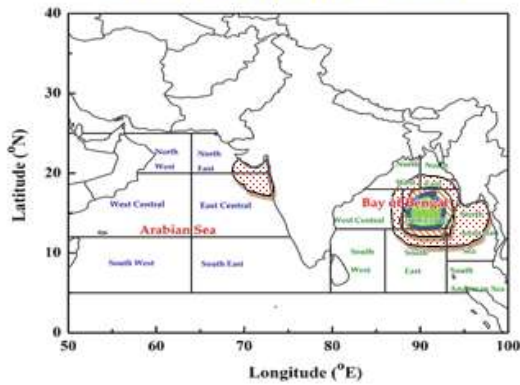
DAY-1: 30.11.2021/0600 UTC TO 01.12.2021/0600 UTC



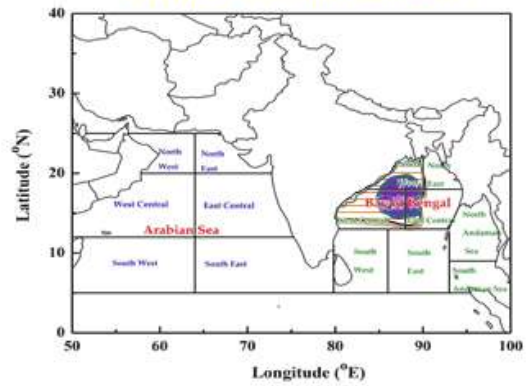
DAY-2: 01.12.2021/0600 UTC TO 02.12.2021/0600 UTC



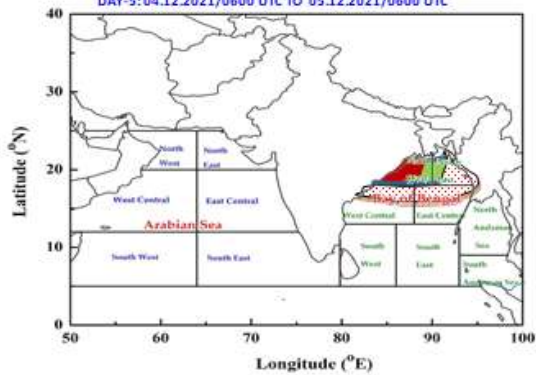
DAY-3: 02.12.2021/0600 UTC TO 03.12.2021/0600 UTC



DAY-4: 03.12.2021/0600 UTC TO 04.12.2021/0600 UTC



DAY-5: 04.12.2021/0600 UTC TO 05.12.2021/0600 UTC



## AREA UNDER FISHERMEN WARNING

- 40-50 KMPH G TO 60 KMPH (SQ.WEATHER)
- 45-55 KMPH GUSTING TO 65 KMPH
- 50-60 KMPH G TO 70 KMPH
- 60-70 KMPH G TO 80 KMPH
- 65-75 KMPH G TO 85 KMPH
- 90-100 KMPH G TO 110 KMPH