



**Government of India
Ministry of Earth Sciences
India Meteorological Department**

**Press Release
Date: 27th November, 2021
Time of Issue: 1300 hrs IST**

**Subject: i) Decrease in rainfall activity over Tamil Nadu from 30th November, 2021
ii) A Low Pressure Area is likely to form over south Andaman Sea around 29th November.**

Significant Rainfall during past 24 hours recorded at 0830 hrs IST of today: [Annexure I](#).

Weather Systems and warnings:

- A cyclonic circulation lies over Comorin Area & adjoining Sri Lanka coasts in the lower levels and strong northeasterly winds are prevailing over Tamilnadu coast & south Coastal Andhra Pradesh at lower levels to the north of the circulation. The circulation is likely to emerge in the Arabian Sea on 29th November and move northwestwards thereafter. Under its influence:
 - ✓ Light to moderate fairly widespread/widespread rainfall very likely over Tamilnadu, Puducherry & Karaikal, Kerala & Mahe and Lakshadweep area and Scattered to fairly widespread rainfall over south Coastal Andhra Pradesh & Yanam, Rayalaseema during next 3 days and decrease thereafter.
 - ✓ **Isolated heavy to very heavy rainfall** very likely over Tamilnadu, Puducherry & Karaikal during 27th-29th November and over south Coastal Andhra Pradesh and Rayalaseema on 27th & 28th November, 2021. **Isolated heavy rainfall** very likely over Kerala & Mahe during 27th-29th with isolated very heavy rainfall on 28th November. ([Annexure II](#)).
 - ✓ Increase in rainfall activity over Konkan & Goa, Madhya Maharashtra and Gujarat where Isolated to scattered rainfall activity with thunderstorm & lightning is likely during 30th November- 01st December with maximum activity on 01st December.
- A **Low Pressure Area** is likely to form over south Andaman Sea around 29th November, 2021. It is likely to become more marked and move west-northwestwards during subsequent 48 hours. Under its influence, **isolated heavy rainfall** likely over Andaman & Nicobar Islands on 30th November & 01st December.

Sea Area Warning ([Annexure III](#)):

- **Squally wind** (speed reaching 40-50 kmph gusting to 60 kmph) very likely over Comorin area, Gulf of Mannar, along & off south Tamilnadu coast and adjoining southwest Bay of Bengal on 27th & 28th November.
- **Squally weather** with maximum sustained wind speed reaching 40-50 gusting to 60 kmph is likely to prevail over Eastcentral Arabian Sea and along & off Karnataka-Goa coasts on 29th; over Eastcentral & adjoining Northeast Arabian Sea and along & off Karnataka-

Maharashtra coasts on 30th and over Northeast & adjoining Eastcentral Arabian Sea and along & off Gujarat-north Maharashtra coasts on 01st December.

- **Squally weather** with maximum sustained wind speed reaching 40-50 gusting to 60 kmph is likely to prevail over south Andaman Sea on 29th; over south Andaman Sea and adjoining southeast Bay of Bengal on 30th and over Southeast adjoining Eastcentral Bay of Bengal and Andaman Sea on 01st December.
- **Fishermen are advised not to venture into these areas.**

For more details refer:

https://mausam.imd.gov.in/imd_latest/contents/subdivisionwise-warning.php

Annexure I

◆ **Significant amount of Rainfall** (from 0830 hrs IST of yesterday to 0830 hours IST of today) (7 cm or more):

- **Tamilnadu, Puducherry & Karaikal:**
 - **Chengalpattu:** Mahabalipuram & Chengalpattu-18 each;
 - **Cuddalore:** Parangipettai-15, Chidambaram-11;
 - **Tiruvallur:** Cholavaram-15, Tiruvallur-13;
 - **Kancheepuram:** Kancheepuram-12, Sriperumbudur-10;
 - **Chennai:** Perambur & Anna Uty Arg-10 each;
 - **Karaikal:** Karaikal-10;
 - **Mayiladuthudrai:** Kollidam & Sirkali-9 each.

(Annexure II)



Today
27/11/2021



Tomorrow
28/11/2021



29/11/2021



30/11/2021



01/12/2021



EXPECTED IMPACT & ACTION SUGGESTED due to Isolated Very Heavy Rainfall over Tamilnadu, Puducherry & Karaikal during 27th - 29th November and over south Coastal Andhra Pradesh and Rayalaseema on 27th & 28th November and over Kerala & Mahe on 28th November, 2021.

A. Impact Expected

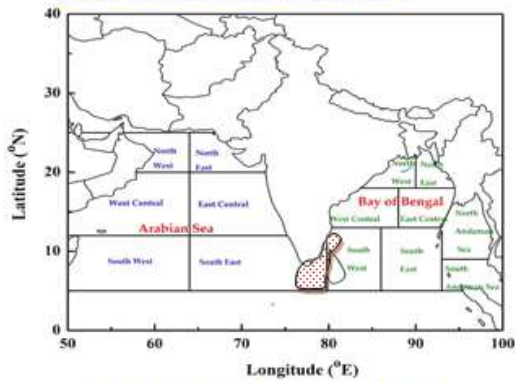
- Localized Flooding of roads, inundation and water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel 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.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

B. Action Suggested

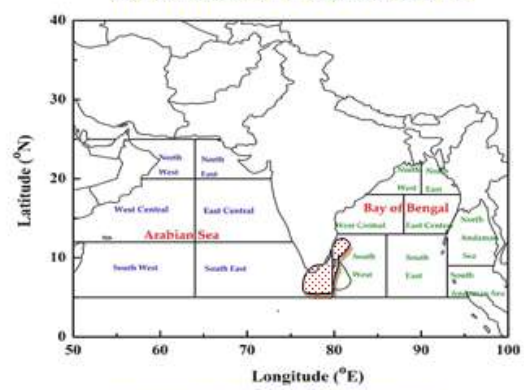
- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

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

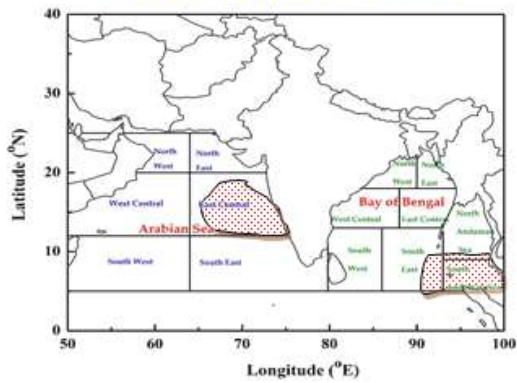
DAY-1: 27.11.2021/0600 UTC TO 28.11.2021/0600 UTC



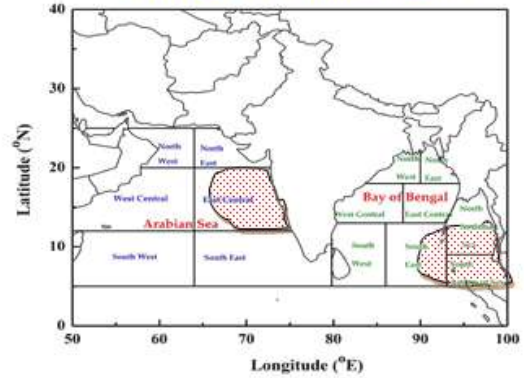
DAY-2: 28.11.2021/0600 UTC TO 29.11.2021/0600 UTC



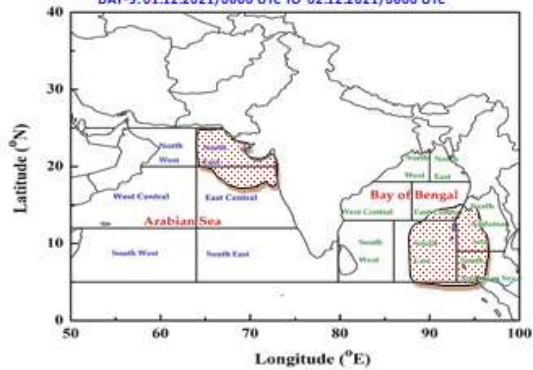
DAY-3: 29.11.2021/0600 UTC TO 30.11.2021/0600 UTC



DAY-4: 30.11.2021/0600 UTC TO 01.12.2021/0600 UTC



DAY-5: 01.12.2021/0600 UTC TO 02.12.2021/0600 UTC



AREA UNDER FISHERMEN WARNING

- 40-50 KMPH G TO 60 KMPH (SQ.WEATHER)
- 45-55 KMPH GUSTING TO 65 KMPH

Legends:

Heavy Rain: 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain:** >204.4 mm.

Region wise classification of meteorological Sub-Divisions:

- 1) **Northwest India:** Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad; Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
- 2) **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- 3) **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- 4) **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- 5) **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
- 6) **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

SPATIAL DISTRIBUTION (% of Stations reporting)			
% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)



Heavy Rain



Strong Winds



Thunderstorm with Lightning



Visibility/Fog

WARNING

WARNING (TAKE ACTION)

ALERT (BE PREPARED)

WATCH (BE UPDATED)

NO WARNING (NO ACTION)

Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75