



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

**Press Release  
Date: 24<sup>th</sup> November, 2021  
Time of Issue: 1200 hrs IST**

**Subject: Increase in rainfall activity over Tamilnadu, Puducherry & Karaikal from today, the 24<sup>th</sup> November and over Andhra Pradesh & Yanam & Rayalaseema from 26<sup>th</sup> November, 2021.**

**Significant Rainfall (cm) during past 24 hours recorded at 0830 hrs IST of today:**

- **Tamilnadu:** **Theni:** Bodinaickanur-13, Vererapandi-5; **Toothukudi:** Surangudi-5; **Ramanathapuram:** Kadaladi-5; **Tenkashi:** Sankarankoil-6, Ayikudi-5
- **Kerala:** **Kottayam:** Kozha-8, **Idukki:** Myladupura-6. **Palakkad:** Palakkad-6.

**Weather Systems:**

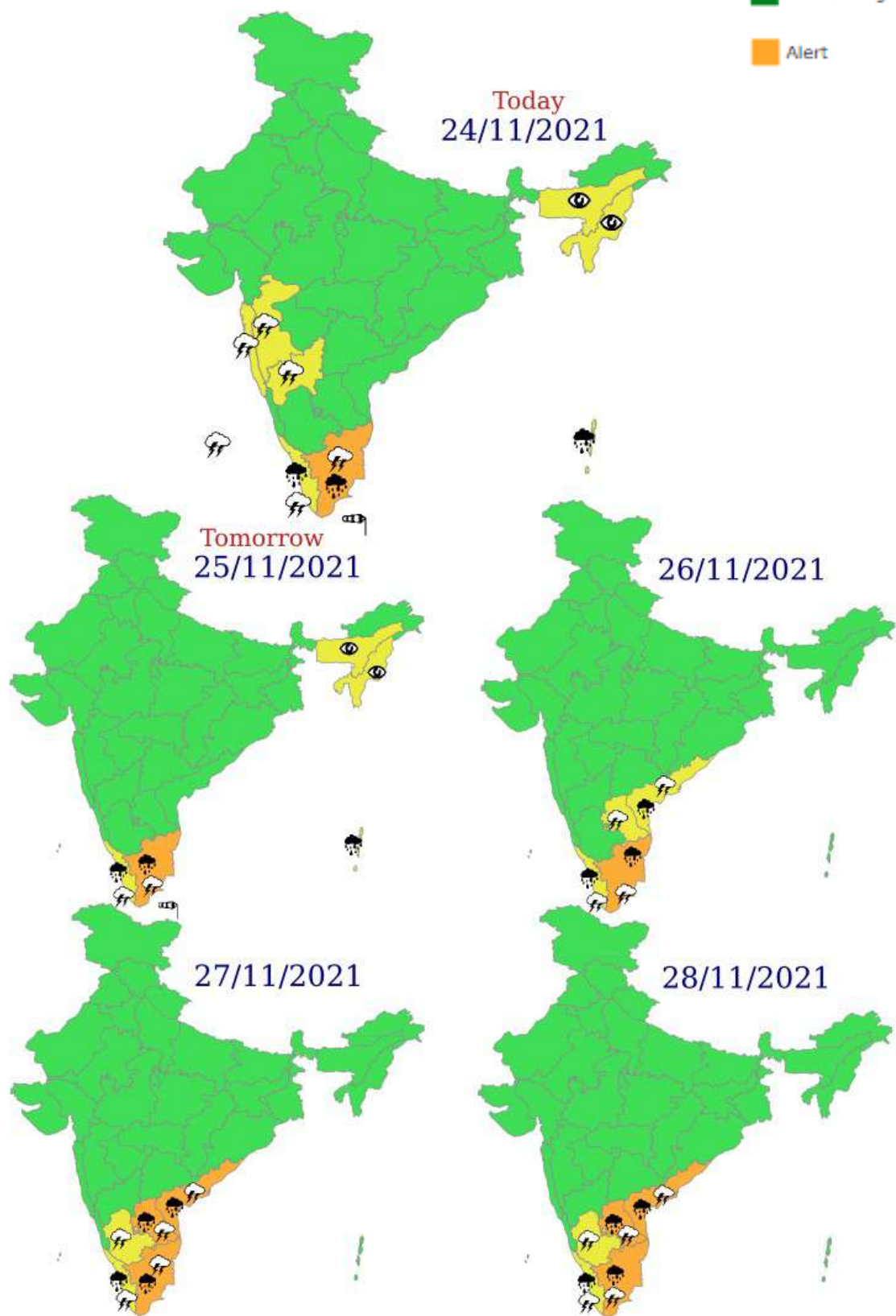
- A cyclonic circulation lies over Southwest & adjoining Southeast Bay of Bengal and extends upto mid-tropospheric levels. Under its influence, a **Low Pressure Area** is likely to form over southwest Bay of Bengal during next 24 hours. It is likely to move west-northwestwards towards Sri Lanka & south Tamilnadu coast.
- A trough runs from the cyclonic circulation over Southwest & adjoining Southeast Bay of Bengal to south Tamilnadu in lower tropospheric levels.

**Forecast and warning:**

- Light to moderate scattered/fairly widespread rainfall very likely over Coastal Andhra Pradesh & Yanam, Rayalaseema, South Interior Karnataka, Kerala & Mahe and Tamilnadu, Puducherry & Karaikal during next 5 days.
- **Isolated heavy to very heavy rainfall** very likely over Tamilnadu, Puducherry & Karaikal during 24<sup>th</sup> to 28<sup>th</sup> November. **Isolated heavy rainfall** also very likely over south Coastal Andhra Pradesh & Yanam 26<sup>th</sup> and isolated **heavy to very heavy rainfall** very likely over south Coastal Andhra Pradesh & Yanam and Rayalaseema on 27<sup>th</sup> & 28<sup>th</sup> November, 2021. **Isolated heavy rainfall** also very likely over Kerala & Mahe during 24<sup>th</sup> to 28<sup>th</sup> November, 2021 (**Annexure I**).
- **Squally wind** (speed reaching 40-50 kmph gusting to 60 kmph) likely over Southwest Bay of Bengal, Gulf of Mannar along & off south Tamilnadu coast on 24<sup>th</sup> & 25<sup>th</sup> November, 2021. **Fishermen are advised not venture into these areas. (Annexure II)**
- Gradual fall in minimum temperatures by 2-4°C very likely over many parts of East India during next 2 days and gradual rise by 2-3°C over most parts of Northwest India during next 5 days.

**For more details refer:**

[https://mausam.imd.gov.in/imd\\_latest/contents/subdivisionwise-warning.php](https://mausam.imd.gov.in/imd_latest/contents/subdivisionwise-warning.php)



**EXPECTED IMPACT & ACTION SUGGESTED due to isolated very heavy Rainfall over Tamilnadu, Puducherry & Karaikal during 24<sup>th</sup>-28<sup>th</sup> November and over south Coastal Andhra Pradesh and Rayalaseema on 27<sup>th</sup> & 28<sup>th</sup> November, 2021.**

**A. Impact Expected**

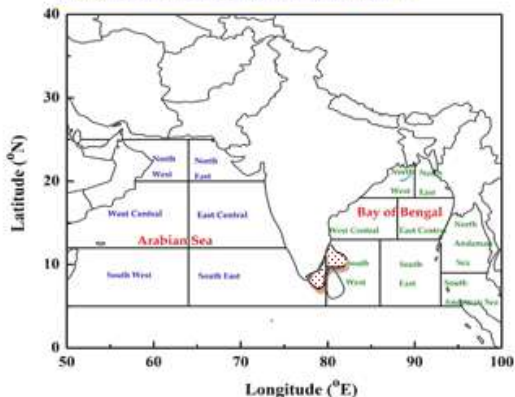
- Localized Flooding of roads, inundation and water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel 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**

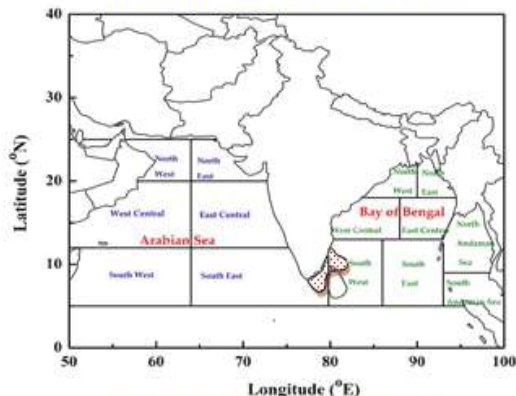
- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

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

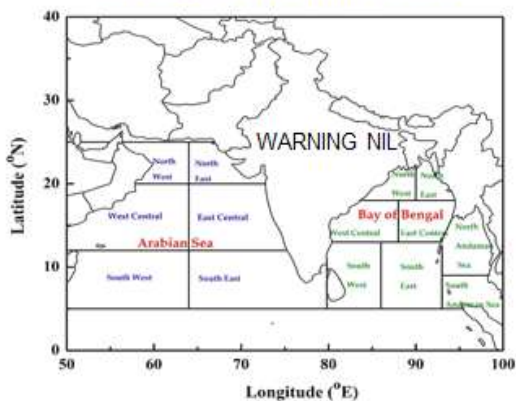
DAY-1: 24.11.2021/0600 UTC TO 25.11.2021/0600 UTC



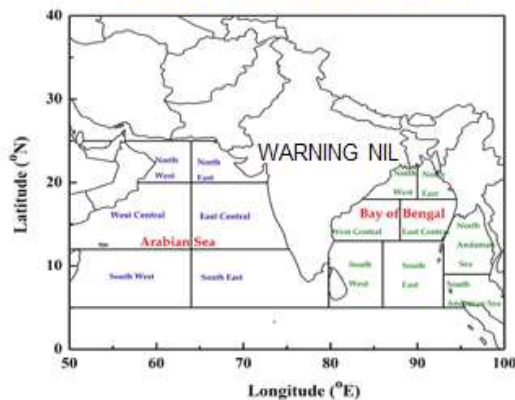
DAY-2: 25.11.2021/0600 UTC TO 26.11.2021/0600 UTC



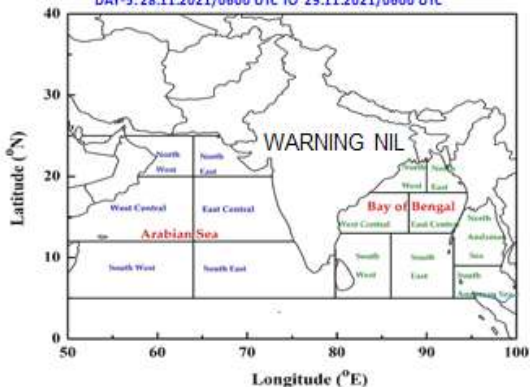
DAY-3: 26.11.2021/0600 UTC TO 27.11.2021/0600 UTC





DAY-4: 27.11.2021/0600 UTC TO 28.11.2021/0600 UTC



DAY-5: 28.11.2021/0600 UTC TO 29.11.2021/0600 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.

<b>SPATIAL DISTRIBUTION</b> (% 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