



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

Press Release

Date: 25th November, 2021

Time of Issue: 1230 hrs IST

- Subject: i) Isolated heavy to very heavy rainfall likely over Tamilnadu, Puducherry & Karaikal during 25th - 29th November and over south Andhra Pradesh and Rayalaseema on 28th & 29th November, 2021.**
- ii) A Low Pressure Area is likely to form over south Andaman Sea around 29th November.**

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

Lakshadweep: Lakshadweep: Aminidivi-5; Agathi-3; **Tamilnadu:** Ramanathapuram: Rameswaram-8; Pamban-3; **Nagapattinam:** Tirupoondi-5; Thalaignayer-3; **Ranipet:** Kalavai-4; **Tiruvarur:** Tiruvarur-4; **Cuddalore:** Panruti-4; **Coastal Andhra Pradesh:** Nellore: Rapur-3; **Vishakhapatnam:** Chintapalle-3; **Rayalaseema:** YSR: Kamalapuram and Penagaluru-3 each; **Kerala:** Kasargod: Hosdurg and Kudulu-3 each; **Andaman & Nicobar Islands:** Nicobar: Car Nicobar-4; Nancowry-3; **North and Middle Andaman:** Long Island-4.

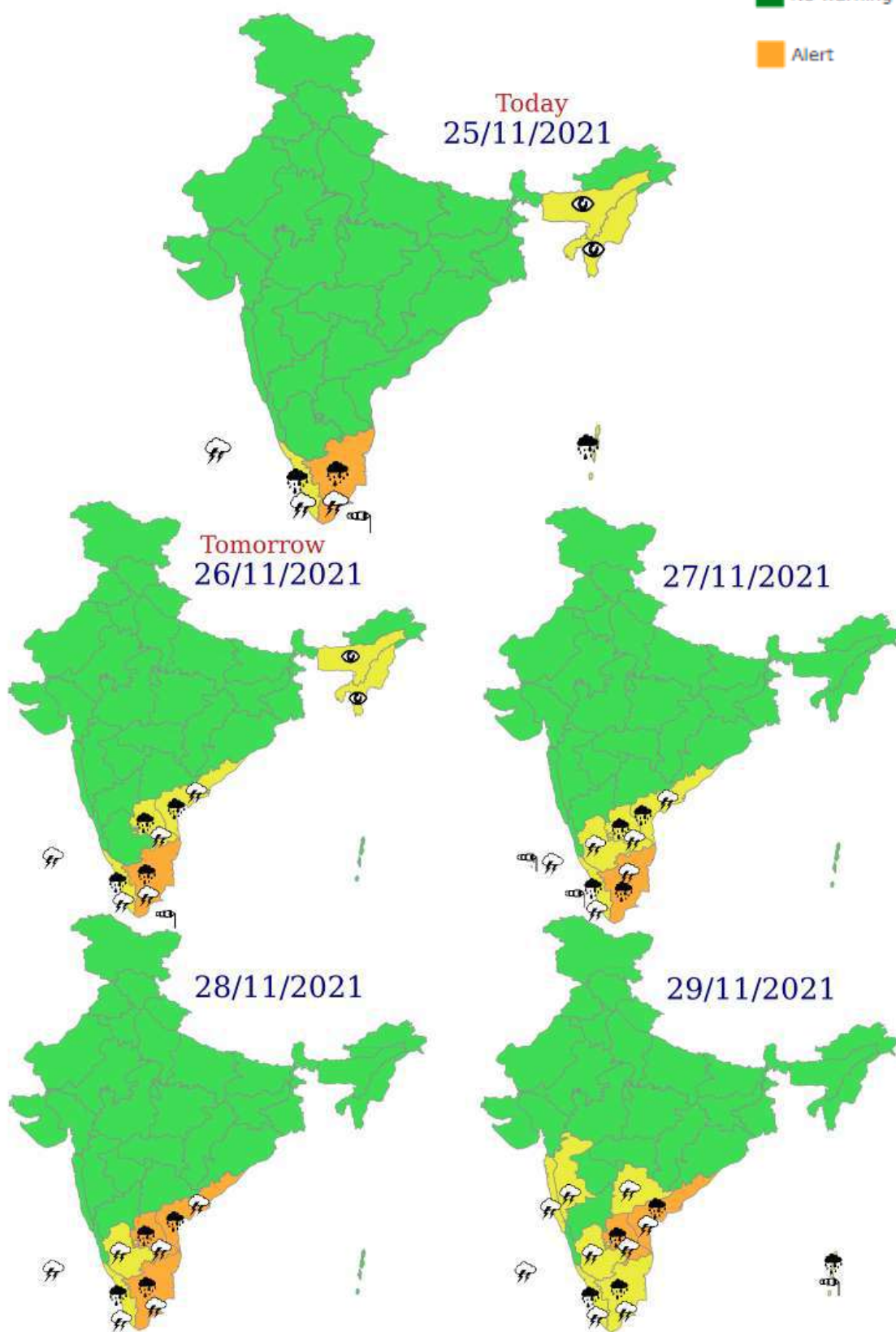
Weather Systems and warnings:

- A cyclonic circulation lies over southwest Bay of Bengal off south Sri Lanka coast at lower tropospheric levels and strong northeasterly winds are prevailing over Tamilnadu coast and south Coastal Andhra Pradesh at lower levels. Under its influence:
 - 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 25th to 29th November. **Isolated heavy rainfall** also very likely over south Coastal Andhra Pradesh & Yanam and Rayalaseema on 26th & 27th and **isolated heavy to very heavy rainfall** very likely over south Coastal Andhra Pradesh & Yanam and Rayalaseema on 28th & 29th November, 2021. **Isolated heavy rainfall** also very likely over Kerala & Mahe during 25th to 29th November, 2021. **(Annexure I).**
 - **Squally wind** (speed reaching 40-50 kmph gusting to 60 kmph) likely over Southwest Bay of Bengal, Comorin area, Gulf of Mannar along & off south Tamilnadu coast on 25th & 26th November, 2021. **Fishermen are advised not venture into these areas.**
- 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 29th & 30th November.

For more details refer:

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

Annexure I



EXPECTED IMPACT & ACTION SUGGESTED due to isolated very heavy Rainfall over Tamilnadu, Puducherry & Karaikal during 25th-29th November and over south Coastal Andhra Pradesh and Rayalaseema on 28th & 29th 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.

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