



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

**Press Release
Date: 30th October, 2022
Time of Issue: 1215 hrs IST**

Subject: Northeast Monsoon covered remaining parts of Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, South Interior Karnataka and Rayalaseema

Northeast Monsoon has further covered remaining parts of Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, South Interior Karnataka and Rayalaseema today, the 30th October, 2022.

Weather observed during past 24 hours ending at 0830 hrs IST of today: (Annexure I)

Weather systems, rainfall/thunderstorm Forecast & Warnings: (Warning Graphics in Annexure II)

- Under the influence of setting in of northeasterly winds over Bay of Bengal and South Peninsular India and a cyclonic circulation over Southwest Bay of Bengal off south Sri Lanka coast in the lower tropospheric levels;
 - ❖ Scattered/Fairly widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during 30th October – 03rd November; Coastal Andhra Pradesh & Yanam during 30th October – 02nd November; South Interior Karnataka on 03rd November and Rayalaseema on 01st & 02nd November, 2022. **Isolated very heavy rainfall** also very likely over Tamil Nadu, Puducherry & Karaikal on 31st October & 01st November and Coastal Andhra Pradesh & Yanam on 31st October, 2022.
- Under the influence of a fresh Western Disturbance;
 - ❖ Light/moderate rainfall at isolated places likely over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad during 31st October to 02nd November and Himachal Pradesh on 01st November, 2022.

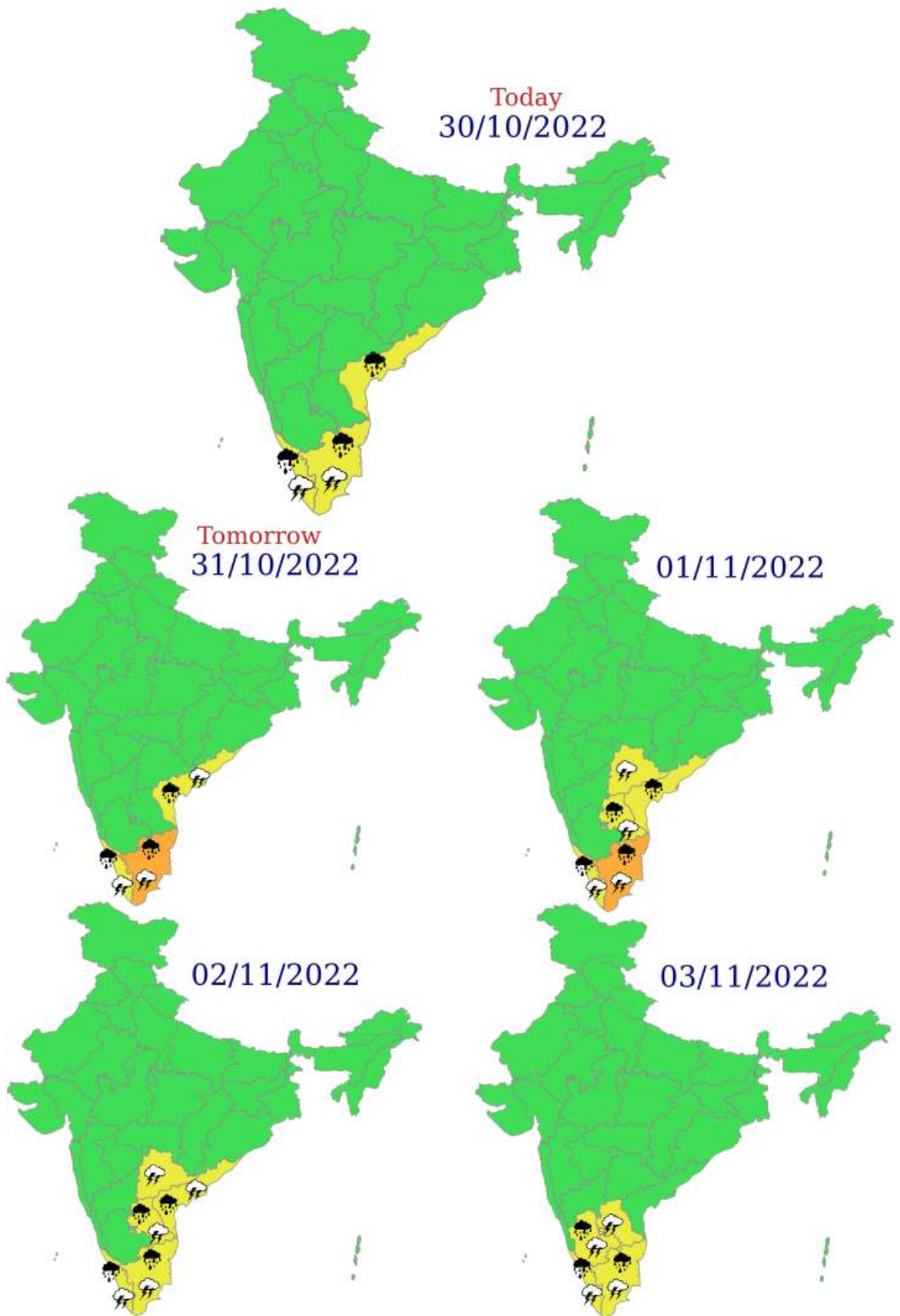
For more details kindly refer:

https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php

No heavy rainfall recorded over the country during past 24 hours.

Rainfall (more than 1 cm):

- ❖ **Tamilnadu, Puducherry & Karaikal:** Hogenekal (dist Dharmapuri) 5, Thirukalukundram (dist Chengalpattu), Karaikal (dist Karaikal), Cheyyur (dist Chengalpattu), Mugaiyur (dist Villupuram) 4 each, Chengalpattu (dist Chengalpattu), Kadaladi (dist Ramanathapuram), Maduranthagam (dist Chengalpattu), Tarangambadi (dist Mayiladuthurai), Kancheepuram (dist Kancheepuram), Pamban (dist Ramanathapuram), Mahabalipuram (dist Chengalpattu), Arani (dist Tiruvannamalai), Rameswaram (dist Ramanathapuram), Surangudi (dist Toothukudi) 3 each, Mayiladuthurai (dist Mayiladuthurai), Kelambakkam (dist Chengalpattu), Thirupporur (dist Chengalpattu), Nannilam (dist Tiruvarur), Thirupathisaram Aws (dist Kanyakumari), Kalavai Aws (dist Ranipet), Chidambaram Aws (dist Cuddalore), Walajabad (dist Kancheepuram), Marakkanam (dist Villupuram), Kanyakumari (dist Kanyakumari), Nagercoil (dist Kanyakumari), Tozhudur (dist Cuddalore), Pandavaiyar Head (dist Tiruvarur), Perambalur (dist Perambalur), Vaippar (dist Toothukudi), Gudiyatham (dist Vellore), Kumbakonam (dist Thanjavur) 2 each, Vembakkam (dist Tiruvannamalai), Andimadam (dist Ariyalur), Jayamkondam (dist Ariyalur), Kadavananur (dist Kallakurichi), Kalayanallur (dist Kallakurichi), Papanasam (dist Tirunelveli), Labbaikudikadu (dist Perambalur), Coonoor Pto (dist Nilgiris), Nedungal (dist Krishnagiri), Sirkali (dist Mayiladuthurai), Vanur (dist Villupuram), Thiruvidadimaruthur (dist Thanjavur), Melalathur (dist Vellore), Mandapam (dist Ramanathapuram), Vepur (dist Cuddalore), Tirukoilur (dist Kallakurichi), Mylaudy (dist Kanyakumari), Ponnamaravathi (dist Pudukkottai), Nagapattinam (dist Nagapattinam), Barur (dist Krishnagiri), Manjalaru (dist Thanjavur), Pelandurai (dist Cuddalore), Sendurai (dist Ariyalur), Thuraiyur (dist Trichy), Veppanthattai (dist Perambalur), Kundha Bridge (dist Nilgiris), Sankarapuram (dist Kallakurichi), Chidambaram (dist Cuddalore), Kodavasal (dist Tiruvarur), Kurinjipadi (dist Cuddalore), Kaveripakkam (dist Ranipet), Sivakasi (dist Virudhunagar), Shoolagiri (dist Krishnagiri), Thenparanadu (dist Trichy), Veeraganoor (dist Salem), Srivaikuntam (dist Toothukudi), Valangaiman (dist Tiruvarur), Poonamallee (dist Tiruvallur), Thandarampettai (dist Tiruvannamalai), Kollidam (dist Mayiladuthurai), Agaram Seegoor (dist Perambalur), Kallakurichi (dist Kallakurichi), Ulundurpet (dist Kallakurichi), Eraiyur (dist Perambalur), Kayathar (dist Toothukudi) 1 each.
- ❖ **Andaman & Nicobar Islands:** Port Blair 5, Long Island & Hut Bay 3 each; Car Nicobar 1;
- ❖ **Kerala & Mahe:** Chalakudi (District: Thrissur) 3, Seethathode Aws (District: Pathanamthitta) 3, Alapuzha (District: Alapuzha) 2, Anchal Arg (District: Kollam) 1, Vellarikkundu Aws (District: Kasargod) 1;
- ❖ **Coastal Andhra Pradesh:** Venkatagiri (dist Spsr Nellore) 2, Kavali (dist Spsr Nellore) 1, Rapur (dist Spsr Nellore) 1, Nellore (dist Spsr Nellore) 1;
- ❖ **Rayalaseema:** Pullampeta (dist Ysr District) 2, Chittoor (dist Chittoor) 2, Madanapalle (dist Chittoor) 1;
- ❖ **South Interior Karnataka:** Kolar Pwd (dist Kolar) 2, Hoskote (dist Bengaluru Rural) 2, Devanahalli (dist Bengaluru Rural) 2, Chintamani Pto (dist Chikaballapura) 1, Bengaluru Kial Obsy (dist Bengaluru Urban) 1, Magadi (dist Ramanagara) 1, Bengaluru City Obsy (dist Bengaluru Urban) 1;
- ❖ **Coastal Karnataka:** Uppinangadi (dist Dakshina Kannada) 1.



EXPECTED IMPACT & ACTION SUGGESTED DUE TO: Isolated very heavy rainfall with thunderstorm/lightning over Tamil Nadu, Puducherry & Karaikal on 31st October & 01st November, 2022.

A. Impact Expected

- Localized Flooding of roads, 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:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and 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)



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

