



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

**Press Release  
Date: 01<sup>st</sup> November, 2022  
Time of Issue: 1300 hrs IST**

**Subject: Heavy rainfall spell likely to continue over Tamilnadu, Puducherry & Karaikal and Kerala during next 5 days.**

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

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

**Current Synoptic Systems:**

- A Cyclonic circulation lies over north Sri Lanka & neighbourhood at lower levels and A trough runs from this system to southeast Arabian sea.
- Northeasterly winds continue to persist along and off North Tamil Nadu and adjoining coastal areas of South CAP

Under their influence:

- ❖ Scattered/Fairly widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely to continue over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during 01<sup>st</sup> – 05<sup>th</sup> November; Coastal Andhra Pradesh & Yanam and Rayalaseema on 01<sup>st</sup> November, 2022. **Isolated very heavy rainfall** also very likely over Tamil Nadu, Puducherry & Karaikal on 01<sup>st</sup> November, 2022.
- Under the influence of a fresh Western Disturbance;
  - ❖ Isolated to scattered light/moderate rainfall/snowfall likely over Western Himalayan Region during 04<sup>th</sup>-06<sup>th</sup> November and isolated rainfall over Punjab on 05<sup>th</sup> & 06<sup>th</sup> November, 2022.

For more details kindly refer:

[https://mausam.imd.gov.in/imd\\_latest/contents/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php)

## Annexure I

**Isolated very heavy rainfall** occurred over Tamil Nadu and **heavy rainfall** over and Kerala, Coastal Andhra Pradesh & Yanam and Rayalaseema.

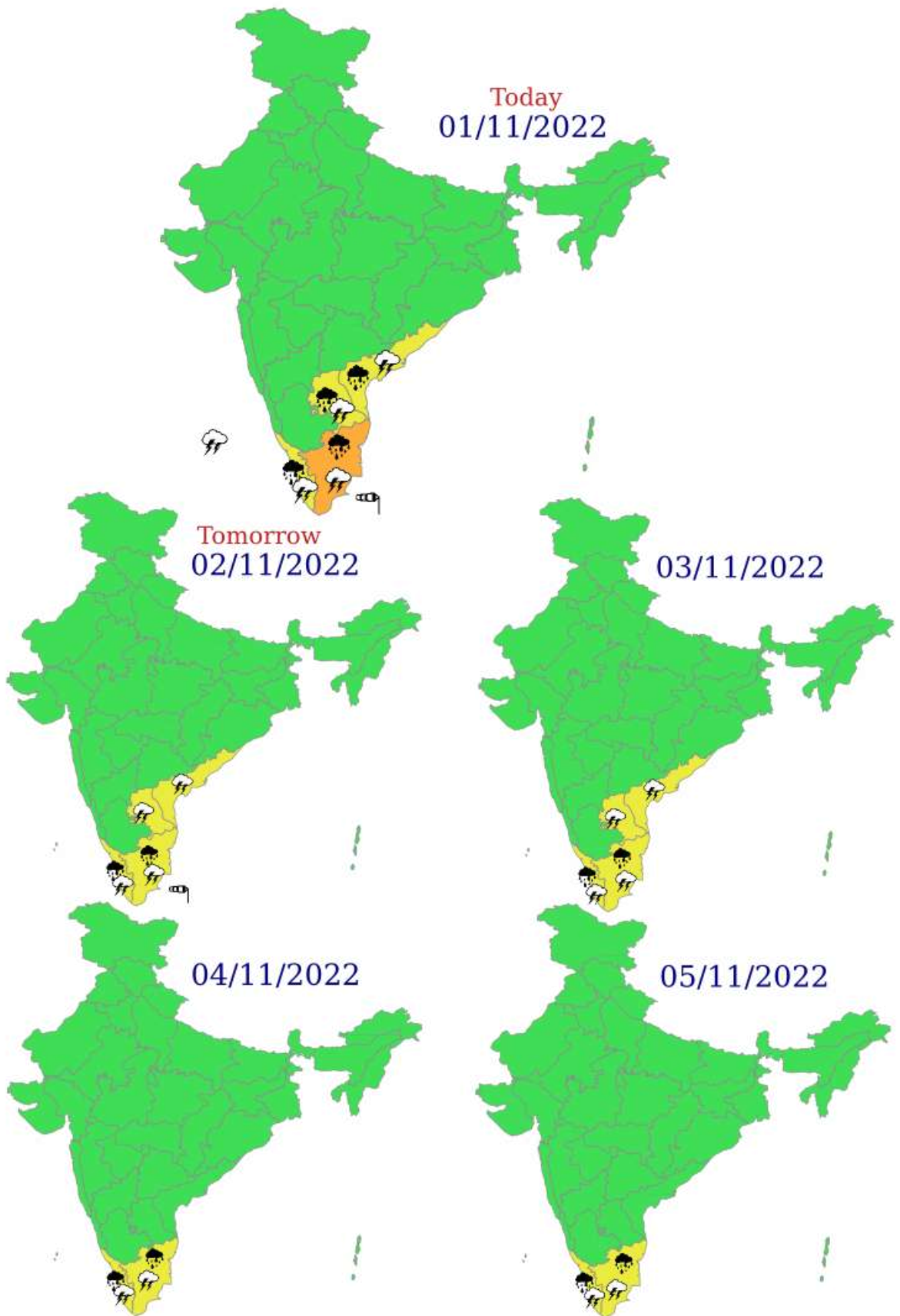
### Rainfall (in cm):

**TAMILNADU:** Red Hills (dist Tiruvallur) 13, Perambur (dist Chennai) 12, Chennai Collectorate Building (dist Chennai), Thondaiyarpet (dist Chennai), Villivakkam ARG (dist Tiruvallur), Gummidipoondi (dist Tiruvallur), Mandapam (dist Ramanathapuram), Ponneri (dist Tiruvallur) 10 each, Ayanavaram (dist Chennai) 9, Thuckalay (dist Kanyakumari), Chennai Nungambakkam (dist Chennai), Cholavaram (dist Tiruvallur) 8 each, Karaikal (dist Karaikal), DGP Office (dist Chennai), MGR Nagar (dist Chennai), Nandanam ARG (dist Chennai) 7 each, Anna University Arg (dist Chennai), Eraniel (dist Kanyakumari), Vedaranyam (dist Nagapattinam) 6 each, ACS College (dist Kancheepuram), Ambathur (dist Tiruvallur), Nagapattinam (dist Nagapattinam), Perunchani Dam (dist Kanyakumari), Anna University (dist Chennai), Colachel (dist Kanyakumari), Suralacode (dist Kanyakumari) 5 each, Pallikaranai ARG (dist Chennai), Tarangambadi (dist Mayiladuthurai), Thamaraiyakkam (dist Tiruvallur), Sirkali (dist Mayiladuthurai), Uthukottai (dist Tiruvallur), Chennai Ap (dist Chennai), Tirupoondi (dist Nagapattinam), Parangipettai (dist Cuddalore) 4 each, Pamban (dist Ramanathapuram), Shencottah (dist Tenkasi), Poonamallee (dist Tiruvallur), Thenkasi (dist Tenkasi), Thalaignayer (dist Nagapattinam), Thiruthuraiyipoondi (dist Tiruvallur), Thirupporur (dist Chengalpattu), Chidambaram Aws (dist Cuddalore), Pechiparai (dist Kanyakumari) 3 each, Kollidam (dist Mayiladuthurai), Rameswaram (dist Ramanathapuram), Mannargudi (dist Tiruvallur), Thirupathisaram Aws (dist Kanyakumari), Cuddalore (dist Cuddalore), Nagercoil (dist Kanyakumari), Muthupet (dist Tiruvallur), Kodavasal (dist Tiruvallur), Tiruvallur (dist Tiruvallur), Chidambaram (dist Cuddalore), Chembarabakkam (dist Tiruvallur), Mayiladuthurai (dist Mayiladuthurai), Chembarabakkam Arg (dist Tiruvallur), Kottaram (dist Kanyakumari) 2.

**KERALA:** Alappuzha 11, Kollam 10, Neyyattinkara & Perumkadavila ARG (both in Thiruvananthapuram district) 9 each, Kottayam 8, Thodupuzha (Idukki district) & Palluruthy ARG (Ernakulam district) 7 each. Other chief amounts of rainfall reports in cm are: NAS Kochi (Ernakulam district), Kozha (Kottayam district) & Cherthala AWS (Alappuzha district) 6 each, Ernakulam South, Vellayani AWS (Thiruvananthapuram district), Kottarakkara AWS (Kollam district) & Konni ARG (Pathanamthitta district) 5 each, Varkala (Thiruvananthapuram district), Kurudamannil (Pathanamthitta district), Piravam (Ernakulam district), Irinjalakuda (Thrissur district) & Neryamangalam ARG (Ernakulam district) 4 each, Thiruvananthapuram Airport, C.I.A.L. Kochi (Ernakulam district), Punalur & Aryankavu (both in Kollam district), Konni (Pathanamthitta district), Mavelikkara & Cherthala (both in Alappuzha district), Kanjirappally & Kumarakom (both in Kottayam district), Aluva (Ernakulam district), Chalakkudy (Thrissur district), West Kallada AWS (Kollam district), Seethathode AWS (Pathanamthitta district), North Paravur AWS (Ernakulam district), Vakkad AWS (Malappuram district), Airport Chacka ARG (Thiruvananthapuram district), Anchal ARG (Kollam district) & Vynthala ARG (Thrissur district) 3 each.

**COASTAL A.P. & YANAM:** Nellore (dist Spsr Nellore) 8, Ongole (dist Prakasam) 6, Sullurpeta (dist Spsr Nellore) 6, Kandukur (dist Prakasam) 5, Kavali (dist Spsr Nellore) 4, Venkatagiri (dist Spsr Nellore) 4, Tada (dist Spsr Nellore) 4, Karamchedu (dist Prakasam) 4, Rapur (dist Spsr Nellore) 4, Atmakur (dist Spsr Nellore) 4, Addanki (dist Prakasam) 3, Gudur (dist Spsr Nellore) 3, Vinjamur (dist Spsr Nellore) 3, Bapatla (dist Guntur) 2, Avanigada (dist Krishna) 2, Repalle (dist Guntur) 2.

**RAYALASEEMA:** Satyavedu (dist Chittoor) 6, Srikalahasti (dist Chittoor) 4, Thottambedu (dist Chittoor) 4, Tirupati Aero (dist Chittoor) 2, Kodur (dist Ysr District) 2, Pullampeta (dist Ysr District) 2,



**EXPECTED IMPACT & ACTION SUGGESTED DUE TO: Isolated very heavy rainfall with thunderstorm/lightning over Tamil Nadu, Puducherry & Karaikal on 01<sup>st</sup> 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.

<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)



<b>WARNING</b>	
WARNING (TAKE ACTION)	
ALERT (BE PREPARED)	
WATCH (BE UPDATED)	
NO WARNING (NO ACTION)	

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

**Thunderstorm with Lightning**