



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

**Press Release**

**Date: 02<sup>nd</sup> November, 2022**

**Time of Issue: 1215 hrs IST**

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

**(ii) A fresh Western Disturbance very likely to affect Western Himalayan Region from 04<sup>th</sup> & adjoining plains from 05<sup>th</sup> November, 2022.**

**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)**

- A Cyclonic circulation lies over Tamil Nadu & neighbourhood and a trough runs from this system to North Interior Karnataka in lower & middle tropospheric levels.
- Northeasterly winds are prevailing along & off north Tamil Nadu and adjoining coastal areas of south Andhra Pradesh.
- Under their influence:
  - ❖ Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely to continue over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during 02<sup>nd</sup>–06<sup>th</sup> November; Coastal Andhra Pradesh & Yanam, Rayalaseema and South Interior Karnataka on 02<sup>nd</sup> November, 2022. **Isolated very heavy rainfall** also very likely over Tamil Nadu, Puducherry & Karaikal on 04<sup>th</sup> & 05<sup>th</sup> November, 2022.
- Under the influence of a fresh Western Disturbance;
  - ❖ Scattered/Fairly widespread light/moderate rainfall/snowfall likely over Jammu, Kashmir, Ladakh, Gilgit Baltistan & Muzaffarabad and Himachal Pradesh during 04<sup>th</sup>-06<sup>th</sup>; isolated light/moderate rainfall/snowfall over Uttarakhand on 06<sup>th</sup> 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, Puducherry & Karaikal and **heavy rainfall** over Coastal Andhra Pradesh & Yanam, Rayalaseema and South Interior Karnataka.

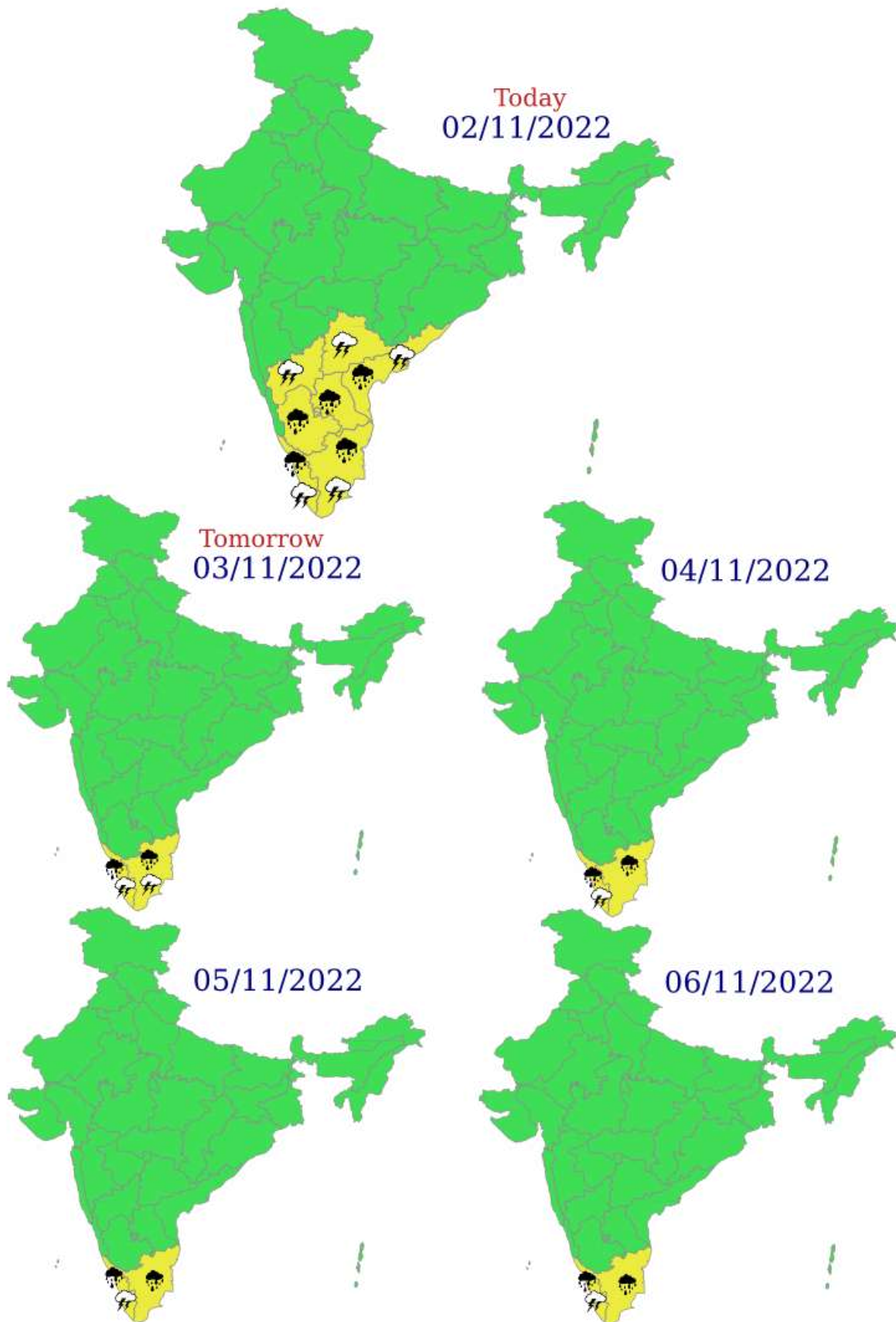
### Rainfall (in cm):

**TAMILNADU, PUDUCHERRY & KARAIKAL:** Perambur (dist Chennai), Chennai Collectorate (dist Chennai), Avadi (dist Tiruvallur) 17 each, Kattukuppam Arg (dist Kancheepuram), Ponneri (dist Tiruvallur) 16 each, Red Hills (dist Tiruvallur), Gummidipoondi (dist Tiruvallur) 14 each, Sholinganallur (dist Chennai), Cheyyur (dist Chengalpattu), MGR Nagar (dist Chennai), Ambathur (dist Tiruvallur), Chennai Nungambakkam (dist Chennai), Ayanavaram (dist Chennai), Villivakkam (dist Tiruvallur ) 13 each, Anna University (dist Chennai) 12, Thirupporur (dist Chengalpattu) , DGP Office (dist Chennai) , Srivilliputhur (dist Virudhunagar) 11 each, Chennai Airport (dist Chennai) 10, Pallikaranai ARG (dist Chennai), Chembarabakkam (dist Tiruvallur) , Sriperumbudur (dist Kancheepuram) , Tondaiyarpuram (dist Chennai) , Thamaraiyarpuram (dist Tiruvallur), Nandanam ARG (dist Chennai) 9 each, ACS College ARG (dist Kancheepuram), Meenambakkam ISRO AWS (dist Chennai), Velankanni (dist Nagapattinam) , Cholavaram (dist Tiruvallur) , Koratur (dist Tiruvallur) 8 each, Mahabalipuram (dist Chengalpattu), Tiruvallur (dist Tiruvallur), Walajabad (dist Kancheepuram), Vandavasi (dist Tiruvannamalai), Cheyyar (dist Tiruvannamalai), Ettayapuram (dist Toothukudi) 7 each;

**COASTAL A.P. & YANAM:** Sullurpeta (dist Spsr Nellore) 11, Tada (dist Spsr Nellore) 11;

**RAYALASEEMA:** Satyavedu (dist Chittoor) 9, Tirupati Aero (dist Chittoor) 7;

**SOUTH INTERIOR KARNATAKA:** Kanakapura (District: Ramanagara) 7.



**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**