



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

**Press Release
Date: 13th November, 2022
Time of Issue: 1230 hrs IST**

**Subject: i) In association with Western Disturbance, scattered to fairly widespread light to moderate rainfall/snowfall over Western Himalayan Region and light isolated rainfall over adjoining plains on 13th & 14th November, 2022.
ii) Significant reduction in rainfall over South Peninsular India from tomorrow, the 14th November, 2022.**

**Weather observed during past 24 hours ending at 0830 hrs IST of today: (Refer Annexure I)
Weather systems, rainfall/thunderstorm Forecast & Warnings: (Warning Graphics in Annexure II)**

- A fresh Western Disturbance as a trough in mid tropospheric westerlies runs along Long. 58°E to the north of Lat. 30°N. An induced cyclonic circulation is likely to form over central Pakistan & neighbourhood on tomorrow, the 14th November, 2022. Under its influence:
 - ❖ Scattered to fairly widespread light to moderate rainfall/snowfall accompanied with thunderstorm & lightning likely over Jammu, Kashmir, Ladakh, Gilgit Baltistan & Muzaffarabad, Himachal Pradesh and isolated light rainfall/snowfall very likely over Uttarakhand on 13th & 14th November, 2022. Isolated light rainfall likely over Haryana and West Rajasthan on 14th November, 2022.
 - ❖ No significant change in minimum temperatures very likely over many parts of northwest India during next 48 hours and fall by 2-3 °C thereafter. Gradual fall in minimum temperatures by 2-4 °C over many parts of central India during next 5 days.
- Yesterday's Low Pressure area over north coastal Tamilnadu, Puducherry & neighbourhood now lies over Southeast Arabian Sea off Kerala coast and the associated cyclonic circulation extends upto mid tropospheric levels and a trough runs from the cyclonic circulation associated with Low Pressure Area over to Southwest Bay of Bengal in lower levels. Under its influence:

1. Heavy rainfall warning:

- ❖ Fairly widespread/widespread rainfall with **heavy rainfall** very likely at isolated places over Tamilnadu, Puducherry & Karaikal, Kerala, south Coastal Andhra Pradesh, Rayalaseema and Lakshadweep on 13th November 2022 and **significant decrease in rainfall activity over the region thereafter.**

2. Wind warning:

- ❖ **13th November: Squally weather (wind speed 40-45 kmph gusting to 55 kmph)** very likely to prevail over Lakshadweep area, Maldives-Comorin area, along & off Kerala coast & adjoining Southeast Arabian Sea. Fishermen are advised not to venture into these areas.
- ❖ **14th November: Squally weather (wind speed 40-45 kmph gusting to 55 kmph)** very likely to prevail over Lakshadweep area and adjoining Southeast Arabian Sea and . Fishermen are advised not to venture into these areas.
- A Low pressure area is likely to form over Southeast Bay of Bengal & neighbourhood around 16th November, 2022.
 - ❖ Widespread rainfall with **heavy rainfall** very likely at isolated places over Andaman & Nicobar Islands on 15th & 16th November 2022.
 - ❖ **Squally weather (wind speed 40-45 kmph gusting to 55 kmph)** likely to prevail over south Andaman Sea & adjoining Southeast Bay of Bengal on 16th and over Southwest & adjoining Westcentral Bay of Bengal on 17th November 2022. Fishermen are advised not to venture into these areas.
- ❖ For more details kindly refer: https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php

Heavy to very heavy rainfall at isolated places occurred over Tamil Nadu and Coastal Andhra Pradesh and **heavy rainfall** occurred at isolated places over Kerala.

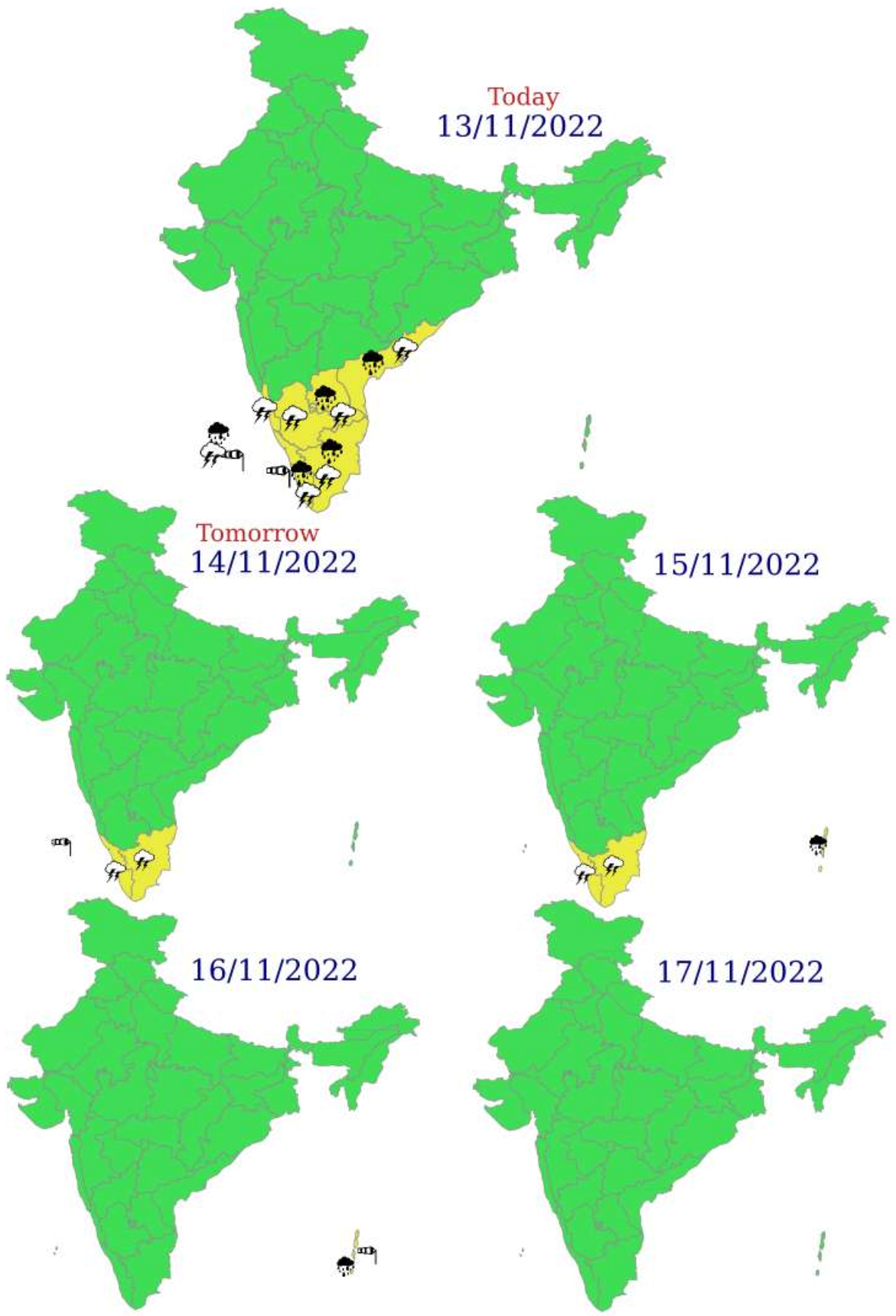
Rainfall (5 cm or more):

Tamilnadu: Uthiramerur (dist Kancheepuram) 17, Tiruttani (dist Tiruvallur) 13, Kodumudi (dist Erode) 12, Maduranthagam (dist Chengalpattu), Tindivanam (dist Villupuram) 11, Tiruttani Pto (dist Tiruvallur), Shoolagiri (dist Krishnagiri), Alangayam (dist Tirupattur), Natrampalli (dist Tirupattur) 10 each, Chinnar Dam (dist Krishnagiri), Uthukottai (dist Tiruvallur), Kodaikannal Boat Club (dist Dindigul), Kunrathur (dist Kancheepuram), Chembarambakkam ARG (dist Tiruvallur), Chinnakalar (dist Coimbatore) 9 each, Vallam (dist Villupuram), Andipatti (dist Theni), Cholavaram (dist Tiruvallur), Semmedu (dist Villupuram), Tirupattur (dist Tirupattur), Poonamalle Arg (dist Tiruvallur), Madathukulam (dist Tiruppur) 8 each, Uppar Dam (dist Tiruppur), Kodaikannal (dist Dindigul), West Tambaram SIT ARG (dist Chengalpattu), Gingee (dist Villupuram), Cincona (dist Coimbatore), Valparai Pap (dist Coimbatore), Chengalpattu (dist Chengalpattu), Valparai Taluk Office (dist Coimbatore), Tcs Mill Kethandapatti (dist Tirupattur), Taramani Arg (dist Chennai), Palani (dist Dindigul), Jamunamarathur (dist Tiruvannamalai), Elumalai (dist Madurai) 7 each, Sothuparai (dist Theni), Keelpennathur (dist Tiruvannamalai), Hosur (dist Krishnagiri), Kalasapakkam (dist Tiruvannamalai), Chembarabakkam (dist Tiruvallur), Rsc1-2 Nemoor (dist Villupuram), Ponneri (dist Tiruvallur), Vaniyambadi (dist Tirupattur), Thamaraipakkam (dist Tiruvallur), Aranmanaipudur (dist Theni), Cuddalore (dist Cuddalore), Rsc1-2 Kanjanur (dist Villupuram), Pamban (dist Ramanathapuram), Pallikaranai ARG (dist Chennai), ACS College (dist Kancheepuram) 6 each, Kattukuppam Arg (dist Kancheepuram), Rsc1-3 Anandhapuram (dist Villupuram), Chennai Ap (dist Chennai), Vaigai Dam (dist Theni), Tirupathur Pto (dist Tirupattur), Poonamallee (dist Tiruvallur), Krishnagiri (dist Krishnagiri), Rsc1-3 Valathy (dist Villupuram), Tambaram (dist Chengalpattu), Thammampatty (dist Salem), Rsc1-3 Avalurpettai (dist Villupuram), Vandavasi (dist Tiruvannamalai), Dgp Office (dist Chennai), Rsc1-2 Kedar (dist Villupuram), Nandanam ARG (dist Chennai) 5 each.

Coastal Andhra Pradesh & Yanam: Kavali (dist Spsr Nellore) 12, Kandukur (dist Prakasam) 10, Udayagiri (dist Spsr Nellore) 5.

Rayalaseema: Satyavedu (dist Chittoor) 8, Kuppam (dist Chittoor) 7, Nagari (dist Chittoor) 5, Palasamudram (dist Chittoor) 5, Thottambedu (dist Chittoor) 4, Srikalahasti (dist Chittoor) 3, Tirupati Aero (dist Chittoor) 3, Santhipuram (dist Chittoor) 3, Kodur (dist Ysr District) 2, Atlur (dist Ysr District) 2.

Kerala: Myladumpara (Idukki district) 5, Agathi (Lakshadweep UT) & Parambikulam (Palakkad district) 4 each, Chittur (Palakkad district) 2



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)



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

