



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

**Press Release
Date: 14th November, 2022
Time of Issue: 1200 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 14th November, 2022 and significant reduction thereafter.
ii) Significant reduction in rainfall over South Peninsular India during next 5 days.**

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 Western Disturbance as a trough in mid tropospheric westerlies runs along Long. 67°E to the north of Lat. 29°N. An induced cyclonic circulation lies over central Pakistan & neighbourhood in lower tropospheric levels. 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; isolated light rainfall/snowfall very likely over Uttarakhand and isolated light rainfall likely over Haryana, Chandigarh, Punjab and West Rajasthan on 14th November, 2022.
- **No significant change in minimum temperatures very likely over most parts of northwest India & Madhya Pradesh during next 24 hours and fall by 2-4 °C thereafter.**
- A cyclonic circulation lies over Southeast Arabian Sea in middle tropospheric levels and a trough runs from this cyclonic circulation to Comorin area in lower levels. Under its influence,
 - ❖ Fairly widespread rainfall with **heavy rainfall** very likely at isolated places over south Tamilnadu and south Kerala on 14th November 2022 and **significant decrease in rainfall activity over the region thereafter.**
 - ❖ **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 on 14th November, 2022.
- A Low pressure area is likely to form over Southeast Bay of Bengal & neighbourhood around 16th November, 2022. Under its influence;
 - ❖ **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 & 18th November 2022. Fishermen are advised not to venture into these areas.
- Widespread rainfall with **heavy rainfall** very likely at isolated places over Andaman & Nicobar Islands during 14th-16th November 2022.

For more details kindly refer:

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

Annexure I

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

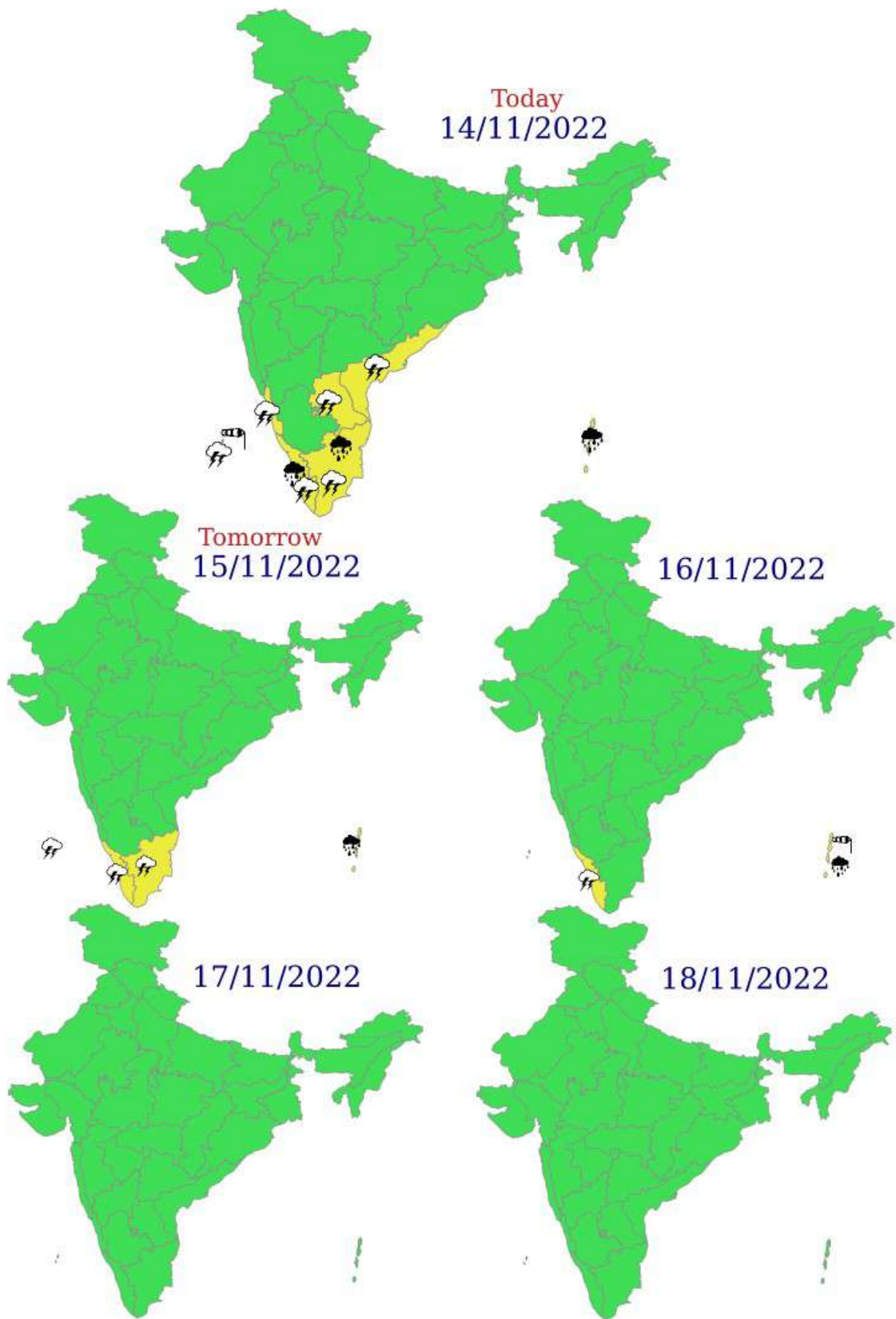
Rainfall (5 cm or more):

Coastal Andhra Pradesh: Nellore (dist Spsr Nellore) 12, Kavali (dist Spsr Nellore) 12, Gudur (dist Spsr Nellore) 6, Rapur (dist Spsr Nellore) 5,

Tamilnadu: Uthukottai (dist Tiruvallur) 9, Valinokam (dist Ramanathapuram) 7, Vedaranyam (dist Nagapattinam), Cholavaram (dist Tiruvallur), Thirumoorthi Dam (dist Tiruppur), Valparai PTO (dist Coimbatore), Ulundurpet (dist Kallakurichi), Cheranmahadevi (dist Tirunelveli), Mahabalipuram (dist Chengalpattu) 5 each,

Kerala: PALODE (Thiruvananthapuram dist) 7,

Rayalaseema: Badvel (dist Ysr District) 5,



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

Thunderstorm with Lightning