



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

**Press Release
Date: 12th November, 2022
Time of Issue: 1345 hrs IST**

**Subject: i) A Low Pressure area lies over coastal areas of Tamil Nadu, Puducherry & neighbourhood.
ii) Current isolated heavy to very heavy rainfall activity likely to continue over north coastal Tamil Nadu & ghat areas of Tamil Nadu and Kerala during next 24 hours and reduce thereafter.**

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)

- **Yesterday's Well Marked Low Pressure area over Southwest Bay of Bengal & adjoining areas of north coastal Tamilnadu & Puducherry weakened into a Low Pressure area and now lies over north coastal Tamilnadu, Puducherry & neighbourhood. The associated cyclonic circulation extends upto mid-tropospheric levels. It is very likely to move west-northwestwards across north interior Tamilnadu and Kerala during 12th-13th and emerge into Southeast & adjoining Eastcentral Arabian Sea as a Low Pressure Area/ Cyclonic circulation on 13th November, 2022. Under its influence:**
 - 1. Heavy rainfall warning:**
 - ❖ Fairly widespread/widespread rainfall with **Heavy to very heavy rainfall** very likely at isolated places over north coastal Tamil Nadu & ghat areas of Tamil Nadu and Kerala and **heavy rainfall** over remaining parts of Tamil Nadu, South Interior Karnataka, Rayalaseema, south Coastal Andhra Pradesh and Lakshadweep area on 12th November and **isolated heavy rainfall** over interior Tamil Nadu on 13th and Kerala & Mahe on 13th & 14th November.
 - 2. Wind warning:**
 - ❖ **12th November: Squally weather (wind speed 40-45 kmph gusting to 55 kmph)** likely to prevail over Southwest & adjoining Westcentral Bay of Bengal, along & off south Andhra Pradesh-north Tamil Nadu-Puducherry coasts, Lakshadweep, Comorin area, along & off Kerala coast.
 - ❖ **13th November: Squally weather (wind speed 40-45 kmph gusting to 55 kmph)** likely to prevail over Lakshadweep, Maldives-Comorin area, along & off Kerala coast & adjoining Southeast Arabian Sea.
 - ❖ **14th November: Squally weather (wind speed 40-45 kmph gusting to 55 kmph)** very likely to prevail over Southeast & adjoining Eastcentral Arabian Sea and Lakshadweep.
 - ❖ **Fishermen are advised not to venture into along & off south Andhra Pradesh-north Tamilnadu-Puducherry coasts and adjoining Southwest & Westcentral Bay of Bengal on 12th and Kerala coast during 12th-13th; Lakshadweep during 12th-14th and over Southeast Arabian Sea on 13th & 14th November, 2022.**
- **A fresh Western Disturbance is likely to affect Western Himalayan Region on 13th 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 Uttarakhand on 13th & 14th November, 2022.**

- A fresh **low pressure area** is likely to form over Southeast Bay of Bengal & adjoining Andaman Sea around 16th November, 2022.
- No large change in minimum temperatures during next 3 day and fall by 2-4° C over parts of Northwest India during subsequent 2 days.

For more details kindly refer:

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

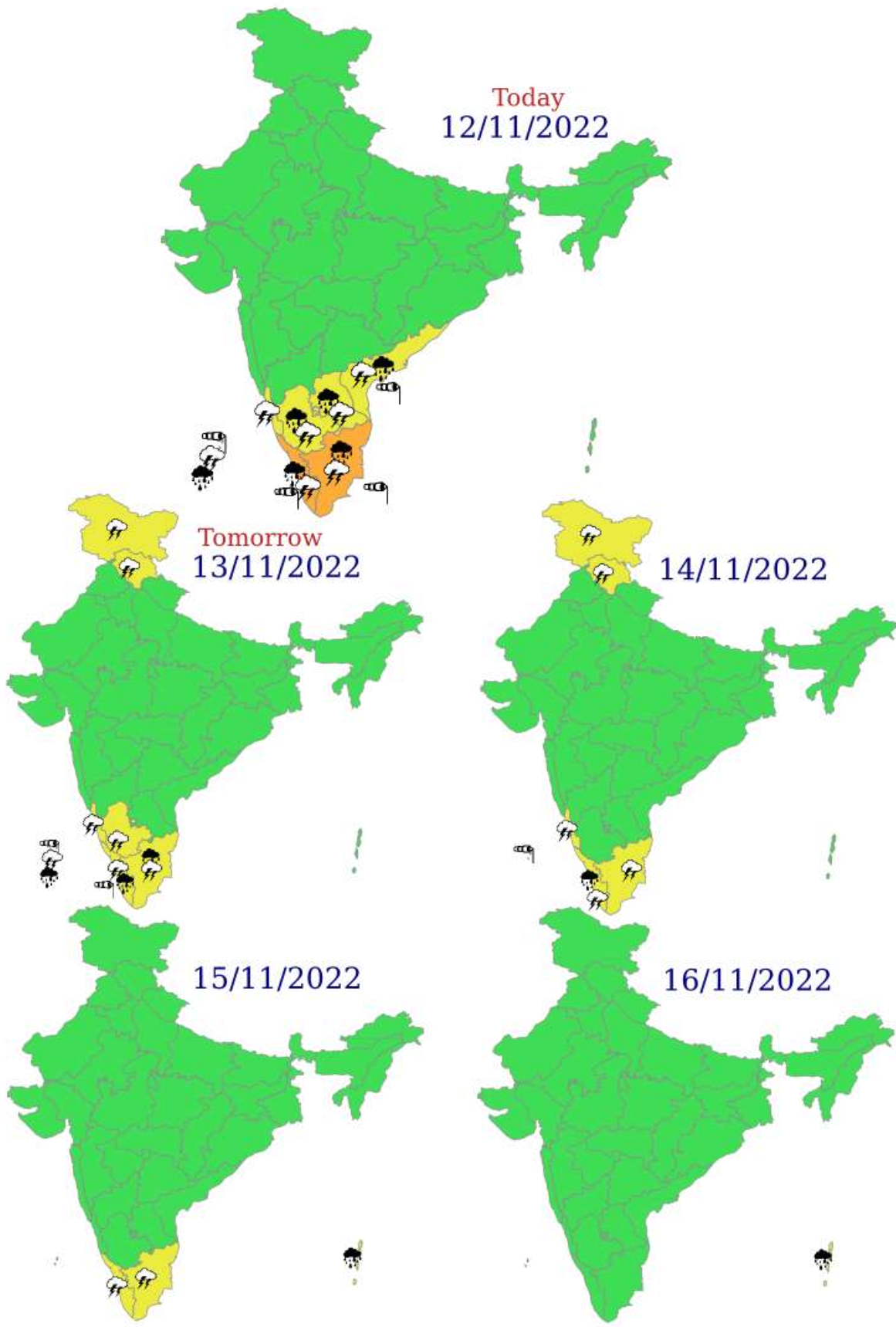
Annexure I

Heavy to very heavy rainfall at a few places with extremely heavy rainfall at isolated places occurred over Tamil Nadu, Puducherry & Karaikal and **heavy rainfall** occurred at isolated places over Kerala.

Rainfall (7 cm or more):

Tamilnadu: Sirkali (dist Mayiladuthurai) 44, Kollidam (dist Mayiladuthurai) 32, Chidambaram (dist Cuddalore) 31, Annamalai Nagar (dist Cuddalore) 28, Chidambaram Aws (dist Cuddalore) 27, Bhuvanagiri (dist Cuddalore) 21, Kothavacherry (dist Cuddalore), K.m.koil (dist Cuddalore) 19 each, Tarangambadi (dist Mayiladuthurai), Parangipettai (dist Cuddalore) 18 each, Mayiladuthurai (dist Mayiladuthurai) , Manalmedu (dist Mayiladuthurai) , Sethiathope (dist Cuddalore) , Kurinjipadi (dist Cuddalore) 16 each, Kangeyam (dist Tiruppur) 15, Ponnamaravathi (dist Pudukkottai), Vellakoil (dist Tiruppur) , Lalpet (dist Cuddalore) 13 each, Vadakuthu (dist Cuddalore) 12, Mylampatti (dist Karur) 12, Aravakurichi (dist Karur) 12 each, Ulundurpet (dist Kallakurichi) , Src Kudithangi (dist Cuddalore) , Karaiyur (dist Pudukkottai) 11, Vedasandur (dist Dindigul) , Vanamadevi (dist Cuddalore) , Karaikal (dist Karaikal), Tiruppur (dist Tiruppur) , Vepur (dist Cuddalore) 11 each, Me Mathur (dist Cuddalore), Lower Anaicut (dist Thanjavur) , Virudachalam (dist Cuddalore) , Collectorate (dist Cuddalore) , Vanur (dist Villupuram), Paramathivelur (dist Namakkal) , Agaram Seegoor (dist Perambalur), Cheyyur (dist Chengalpattu), Panruti (dist Cuddalore) 10, Rsc1-2 Koliyanur (dist Villupuram) 10 each, Kattumayilur (dist Cuddalore), Budalur (dist Thanjavur), Dindigul (dist Dindigul) , Rsc1-2 Valavanur (dist Villupuram) , Pelandurai (dist Cuddalore), Manjalaru (dist Thanjavur) , Cuddalore (dist Cuddalore), Rasipuram (dist Namakkal), Uthukuli (dist Tiruppur), Mohanur (dist Namakkal) , Dharapuram (dist Tiruppur), Kilacheruvai (dist Cuddalore) , Tozhudur (dist Cuddalore), Rsc1-2 Kedar (dist Villupuram) , Mgr Nagar (dist Chennai) , Kilanilai (dist Pudukkottai) , Kuppanatham (dist Cuddalore) 9 each, Labbaikudikadu (dist Perambalur), Anna Uty Arg (dist Chennai), Ayyampettai (dist Thanjavur) 8, Dc Office Tiruppur (dist Tiruppur), K.paramathi (dist Karur), Thanjavur (dist Thanjavur) , Palladam (dist Tiruppur) , Marakkanam (dist Villupuram), Thiruchuzhi (dist Virudhunagar) , Avadi (dist Tiruvallur) 8, Kodanad (dist Nilgiris) 8, Lakkur (dist Cuddalore) 8, Uthiramerur (dist Kancheepuram) 8, Uthagamandalam (dist Nilgiris) 8, Dscl Rishivandhiyam (dist Kallakurichi) 8, Tirumayam (dist Pudukkottai) 8, rimalam (dist Pudukkottai) 8, Thirukalukundram (dist Chengalpattu) , Perambur (dist Chennai) 8, Vandavasi (dist Tiruvannamalai) 7, Karur (dist Karur) 7, Krishnarayapuram (dist Karur) 7, Dscl Thiyagadurgam (dist Kallakurichi) 7, Avinasi (dist Tiruppur) 7, Mahabalipuram (dist Chengalpattu) 7, Panchapatti (dist Karur) 7, Tindivanam (dist Villupuram) 7, Ambathur (dist Tiruvallur) 7, Poonamallee (dist Tiruvallur) 7, Aruppukottai (dist Virudhunagar) 7, Pudukkottai (dist Pudukkottai) 7, Nannilam (dist Tiruvarur) 7, Basl Mugaiyur (dist Villupuram) 7, Vilupuram (dist Villupuram) 7, Rsc1-3 Valathy (dist Villupuram) 7, Kodumudi (dist Erode) 7, Kamatchipuram (dist Dindigul) 7, Dscl Virugavoor (dist Kallakurichi) 7, Chennai Ap (dist Chennai) 7, Mettupalayam (dist Coimbatore) 7;

Kerala: Mavelikara (dist Alapuzha) 7.



IMPACT EXPECTED & ACTION SUGGESTED DUE TO very heavy rainfall at isolated places over north coastal Tamil Nadu & ghat areas of Tamil Nadu and Kerala on 12th November, 2022.

A. Impact Expected

- Localized water logging in low lying areas 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.

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

