



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

**Press Release
Date: 16th November, 2022
Time of Issue: 1300 hrs IST**

**Subject: (i) Formation of a Low pressure area over Southeast Bay of Bengal & adjoining Andaman Sea during next 24 hours.
(ii) Subdued rainfall activity likely over south Peninsular India during next 4 days and increase 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)

- A cyclonic circulation lies over south Andaman Sea & neighbourhood in middle tropospheric levels. Under its influence, a Low pressure area is likely to form over Southeast Bay of Bengal & adjoining Andaman Sea during next 24 hours. It is likely to move west-northwestwards and gradually concentrate into a Depression over central parts of South Bay of Bengal during subsequent 48 hours. Under its influence;
 - ❖ Widespread rainfall with **heavy falls** very likely at isolated places over Andaman & Nicobar Islands on 16th & 17th November 2022.
 - ❖ **Heavy rainfall** very likely at isolated places over coastal Tamilnadu, Puducherry & Karaikal from 20th November, 2022.
 - ❖ **Squally weather (wind speed 40-45 kmph gusting to 55 kmph)** likely to prevail over Southeast Bay of Bengal & adjoining Andaman Sea and Andaman & Nicobar Islands. on 16th & 17th and over Southwest & adjoining Southeast Bay of Bengal on 18th; Southwest & adjoining Westcentral Bay of Bengal and Sri Lanka coast on 19th & 20th; along & off south Andhra Pradesh-Tamil Nadu-Puducherry coasts on 19th, 20th & 21st November, 2022.
 - ❖ **Fishermen are advised not to venture into** Southeast Bay of Bengal & adjoining Andaman Sea on 16th & 17th and over Southwest & adjoining Southeast Bay of Bengal on 18th; Southwest & adjoining Westcentral Bay of Bengal and Sri Lanka coast on 19th & 20th; along & off south Andhra Pradesh-Tamil Nadu-Puducherry coasts on 19th, 20th & 21st November, 2022.
- A Western Disturbance as a trough in mid tropospheric westerlies runs along Long.60°E to the north of Lat. 30°N. Under its influence,
 - ❖ Isolated/scattered light to moderate rainfall/snowfall very likely over Jammu, Kashmir, Ladakh, Gilgit Baltistan & Muzaffarabad during 18th-20th and Himachal Pradesh on 19th November, 2022.
- **Fall in minimum temperatures by 2-3°C very likely over most parts of northwest India & Madhya Pradesh during next 24 hours and no significant change thereafter.**

For more details kindly refer:

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

Annexure I

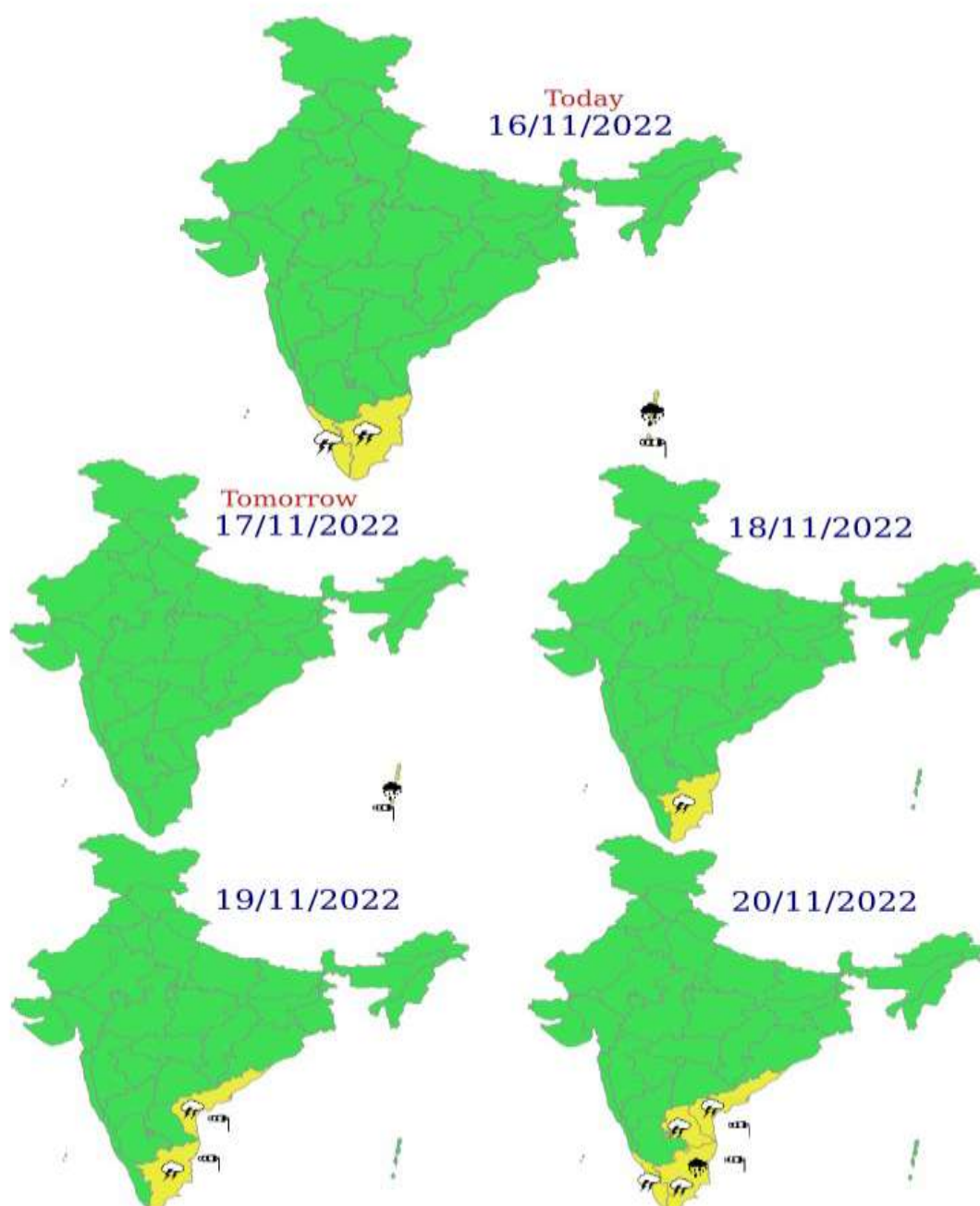
Heavy to very heavy rainfall at isolated places occurred over Tamil Nadu and **heavy rainfall** occurred at isolated places Nicobar Islands.

Rainfall (5 cm or more):

Andaman & Nicobar Islands: Nancowry-8,

Tamilnadu: Virudhunagar: Rajapalayam-12, Tenkasi: Ayikudi-9, Sivagiri-7.

Annexure II



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