



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

**Press Release
Date: 08th November, 2022
Time of Issue: 1300 hrs IST**

Subject: i) A cyclonic circulation lies over Southwest Bay of Bengal & adjoining Equatorial Indian Ocean and extends upto 4.5 km above mean sea level. Under its influence, a Low Pressure area is likely to form over the same region during next 48 hours. It is very likely to move northwestwards towards Tamilnadu-Puducherry coasts during 9th to 11th November.

ii) Isolated heavy to very heavy rainfall spell likely over Tamil Nadu, Puducherry & Karaikal, Rayalaseema and south Andhra Pradesh on 11th & 12th November and isolated heavy rainfall over Tamil Nadu, Puducherry & Karaikal on 10th November, 2022.

Weather observed during past 24 hours ending at 0830 hrs IST of today: (Annexure I)

Weather systems, rainfall/thunderstorm Forecast & Warnings: (Warning Graphics in Annexure II)

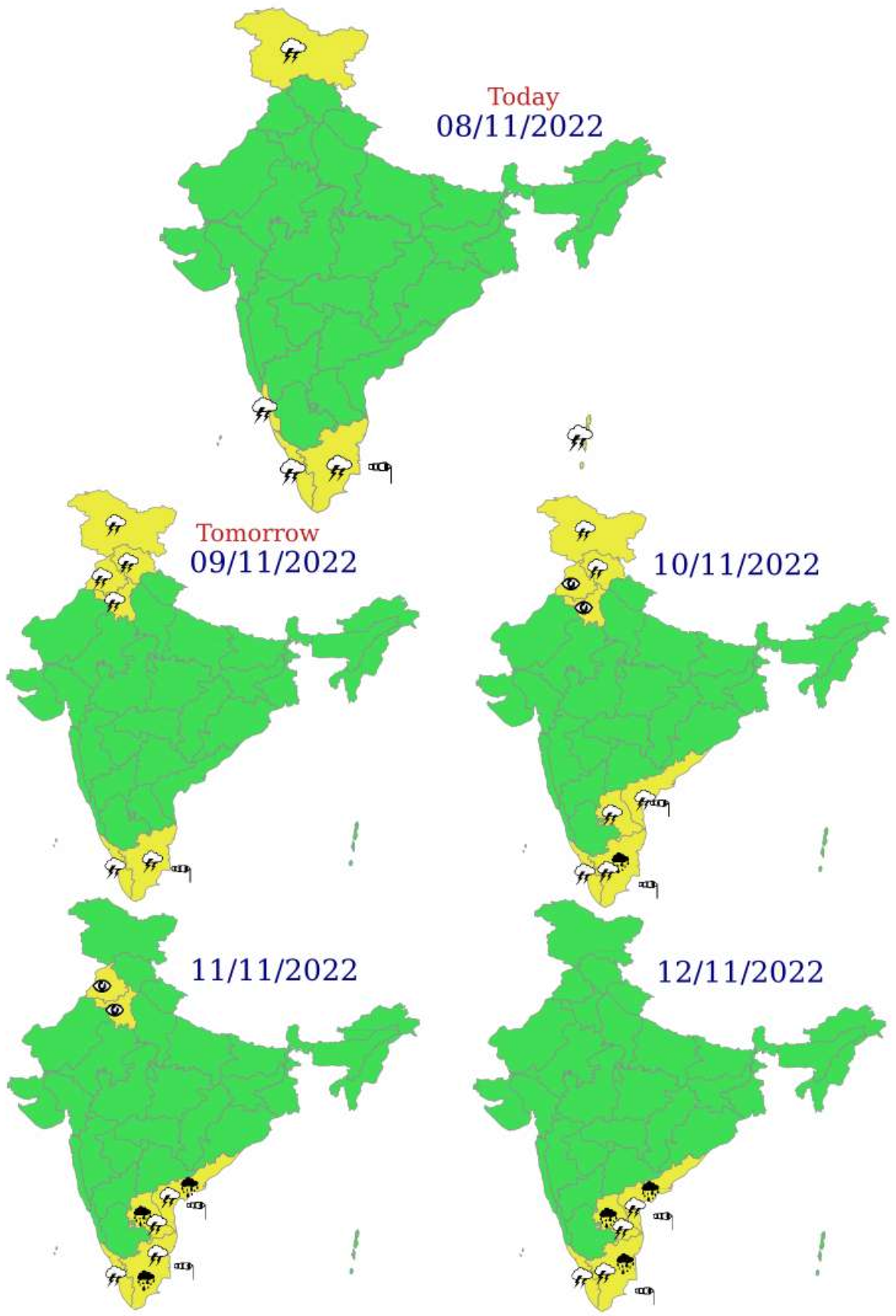
- A Western Disturbance as a trough in westerlies in lower & middle tropospheric levels runs along Long. 65°E to the north of Lat. 20°N. A fresh Western Disturbance also likely to affect Western Himalayan Region from 09th November. Under their influence;
 - ❖ Scattered/Fairly widespread light/moderate rainfall/snowfall likely over Jammu, Kashmir, Ladakh, Gilgit Baltistan & Muzaffarabad during 08th-10th and over Himachal Pradesh during 09th-10th and isolated light/moderate rainfall/snowfall over Uttarakhand on 09th & 10th November, 2022.
 - ❖ Isolated to scattered light rainfall/drizzle likely over Punjab and Haryana, Chandigarh & Delhi during 08th-10th and over East Rajasthan on 08th and over West Rajasthan on 08th & 09th November, 2022.
- **A cyclonic circulation lies over Southwest Bay of Bengal & adjoining Equatorial Indian Ocean and extends upto 4.5 km above mean sea level. Under its influence, a Low Pressure area is likely to form over the same region during next 48 hours. It is very likely to move northwestwards towards Tamilnadu-Puducherry coasts during 9th to 11th November.** Under its influence:
 - ❖ Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Tamil Nadu, Puducherry & Karaikal during 10th-12th November, Rayalaseema and south Andhra Pradesh on 11th & 12th November. Isolated **very heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal, Rayalaseema and south Andhra Pradesh on 11th & 12th November, 2022.
 - ❖ **Squally winds speed reaching 45-55 kmph gusting to 65 kmph** very likely to prevail over Southwest Bay of Bengal and Sri Lanka coasts on 10th November; over Southwest Bay of Bengal, Gulf of Mannar, along and off Tamilnadu-south Andhra Pradesh on 11th & 12th November, 2022. Fishermen are advised not to venture in to these areas during the same period.

For more details kindly refer:

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

Annexure I

- ❖ **Moderate rainfall** occurred over Tamil Nadu, Kerala and **Moderate rainfall/snowfall** occurred over Jammu, Kashmir, Ladakh, Gilgit Baltistan & Muzaffarabad.
- ❖ **Rainfall (in cm): Tamilnadu:** Chennai Nungambakkam (dist Chennai) 6, Thirukuvalai (dist Nagapattinam) 5, Mahabalipuram (dist Chengalpattu), Thirupporur (dist Chengalpattu) 4 each, Annamalai Nagar (dist Cuddalore), Kcs Mill-1 Kadavanur (dist Kallakurichi), Chidambaram Aws (dist Cuddalore), Sivagiri (dist Tenkasi), Chidambaram (dist Cuddalore), Tondaiyarpuram (dist Chennai), Tambaram (dist Chengalpattu), Parangipettai (dist Cuddalore), Mylaudy (dist Kanyakumari), Thirukalukundram (dist Chengalpattu), Kollidam (dist Mayiladuthurai), DGP Office (dist Chennai), Radhapuram (dist Tirunelveli), Chennai Collectorate (dist Chennai) 3 each, **Kerala:** Anchal ARG (Kollam district) 3; **Jammu:** Verinag (dist. Anantnag) and Banihal (dist. Ramban) 3 each.



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