



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

**Press Release
Date: 27th February, 2022
Time of Issue: 1245 hrs IST**

**Subject: (I) Isolated heavy rainfall activity over south Tamilnadu on 02nd and heavy to very heavy rainfall activity over Tamilnadu-Puducherry-Karaikal and isolated heavy rainfall over Kerala & Mahe on 03rd March, 2022.
(II) Two Western Disturbances likely to influence northwest India during 28th February to 03rd March, 2022.**

Significant Weather Observed during past 24 hours ending at 0830 hrs IST of today:

Isolated thunderstorm activity with lightning & **hailstorm** occurred over Uttarakhand, Punjab (**Ludhiana**), Haryana and West Uttar Pradesh.

Weather Systems and associated forecast & warnings:

- 1. A trough in middle tropospheric westerlies runs roughly along Long. 76°E to the north of Lat. 30°N. Under its influence:**
 - Isolated light/moderate rainfall very likely over Bihar, Jharkhand, West Bengal-Sikkim and north Chhattisgarh with thunderstorm & lightning at isolated places over the region during next 24 hours.
 - Scattered to fairly widespread rainfall over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during next 2 days with isolated thunderstorm & lightning over Arunachal Pradesh, West Assam & Meghalaya and Tripura during next 24 hours.
- 2. A cyclonic circulation lies over Strait of Malacca & adjoining south Andaman Sea in lower & middle tropospheric levels and is very likely to move west-northwestwards. Under its influence, a **Low Pressure Area** is likely to form over Southeast Bay of Bengal during next 48 hours. It is likely to move further towards Sri Lanka coast during subsequent 48 hours. Under its influence:**
 - Fairly widespread to widespread light/moderate rainfall with thunderstorm, lightning & gusty winds (30-40 kmph gusting to 50 Kmph) very likely over Andaman & Nicobar Islands during 27th February to 01st March. **Isolated heavy rainfall** also very likely over Nicobar Islands on 27th & 28th February, 2022.

- Scattered to fairly widespread light/moderate rainfall with thunderstorm, lightning with **isolated heavy rainfall** very likely over south Tamilnadu on 02nd March and over Kerala & Mahe on 03rd March, 2022. Isolated **very heavy falls** also likely over Tamilnadu, Puducherry & Karaikal on 03rd March, 2022.
 - **Squally winds (40-50 gusting to 60 Kmph)** very likely over south Andaman Sea & adjoining Southeast Bay of Bengal during 27th & 28th February, over Southeast & adjoining Southwest Bay of Bengal on 01st March; over Southwest Bay of Bengal, Gulf of Mannar and along & off Tamilnadu coast on 02nd & 03rd March, 2022. Fishermen are advised not to venture into these areas.
3. **A fresh Western Disturbance is very likely to influence northwest India from the night of 28th February and another from 02nd March, 2022.** It is very likely to cause isolated to scattered light/moderate rainfall/snowfall over Western Himalayan Region during 28th February to 03rd March, 2022 and isolated light rainfall over adjoining plains of northwest India on 02nd March, 2022.

For more details refer:

https://mausam.imd.gov.in/imd_latest/contents/subdivisionwise-warning.php

Today
27/02/2022



Tomorrow
28/02/2022



01/03/2022



02/03/2022



03/03/2022



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

