



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

Press Release

Date: 13th February, 2022

Time of Issue: 1130 hrs IST

Subject: A Western Disturbance very likely to affect Western Himalayan Region during 13th to 15th and another Western Disturbance to affect Northwest India from 17th to 20th February, 2022.

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

- **Observed rainfall (in cm): Tamilnadu: Nagapattinam:** Vedaranyam-8, Tirupoondi-6; **Kanyakumari:** Kuzhithurai & Pechipurai-5 each; **Tirunelveli:** Ambasamudram-4; **Tiruvavarur:** Thiruthuraipundi-5; **Kerala: Thiruvananthapuram:** Neyyattinkara-6, Tiruvandrum-5, Alappuzha-3, Kottayam-4.
- **Cold wave conditions** prevailed in isolated pockets over Madhya Pradesh.

Weather Systems and associated forecast & warnings:

- **A cyclonic circulation lies over Maldives Area and a trough runs from this cyclonic circulation to north coastal Karnataka and strong northeasterly winds are prevailing over coastal Tamilnadu in lower tropospheric levels.** Under their influence, isolated thunderstorms are very likely to continue over south Tamilnadu-Puducherry-Karaikal and south Kerala- Mahe accompanied with **Heavy rainfall** at isolated places over south Tamilnadu and south Kerala during next 24 hours.
- **Under the influence of a fresh feeble Western Disturbance;** isolated to scattered light rainfall/snowfall very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan & Muzaffarabad during 13th to 16th and over Himachal Pradesh and Uttarakhand on 15th & 16th February, 2022.
- **Under the influence of another Western Disturbance;** scattered to fairly widespread light rainfall/snowfall very likely over Western Himalayan Region and light isolated to scattered rainfall over plains of northwest India from 17th to 20th February, 2022.

Temperature and Fog Warning:

- Gradual rise in minimum temperatures by 2-4°C very likely over most parts of Northwest India during next 4 days.
- Gradual rise in minimum temperatures by 3-5°C very likely over most parts of Central India during next 4-5 days.
- No significant change in minimum temperatures very likely over most parts of East India during next 2 days and gradual rise by 2-4°C during next 3 days.
- **Shallow to Moderate Fog Conditions** during night/morning hours very likely to prevail in isolated places over northern parts of Punjab, Haryana and Uttar Pradesh during next 48 hours.

For more details refer:

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

Today
13/02/2022



Tomorrow
14/02/2022



15/02/2022



16/02/2022



17/02/2022



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:** Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad; Himachal Pradesh, 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

