



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

**Press Release
Date: 24th February, 2022
Time of Issue: 1230 hrs IST**

**Subject: (I) Wet Spell over Northwest, East & Northeast India during next 03 days.
(II) Isolated heavy rainfall over Andaman & Nicobar Islands on 27th & 28th February, 2022.**

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

Rainfall observed (in cm): Jammu-Kashmir: Anantnag: Anantnag & Amarnath-4 each; Ramban: Banihal-4; Doda: badarwah-3; Kulgam: Qazi Gund-3, Shopian: Zainpora-3; **Himachal Pradesh:** Manali-2; **Uttarakhand:** Chamoli: Joshimath-2; Uttarkashi: Bhatwari-2.

Weather Systems and associated forecast & warnings:

1. **A Western Disturbance as a cyclonic circulation lies over north Pakistan & adjoining Jammu & Kashmir at lower tropospheric levels and another Western Disturbance over northeast Afghanistan in middle tropospheric levels.**
2. **A cyclonic circulation lies over West Madhya Pradesh & adjoining East Rajasthan and a trough runs from this cyclonic circulation to Nagaland in lower tropospheric levels. Under the influence of above systems:**
 - **Scattered to fairly widespread light/moderate rainfall/snowfall** with isolated thunderstorm & lightning activity very likely over Jammu-Kashmir-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand during next 2 days and isolated **rainfall/snowfall during subsequent 2 days**. Isolated **hailstorm** also likely over Uttarakhand during next 2 days.
 - Isolated to scattered **light rainfall** very likely over Punjab, Haryana-Chandigarh and West Uttar Pradesh during next 3 days. Isolated **light rainfall** very likely over Delhi on 25th & 26th February, 2022.
 - **Isolated to scattered light/moderate rainfall** with isolated thunderstorm & lightning very likely over Bihar, Jharkhand, Odisha and West Bengal & Sikkim on 24th & 25th February, 2022.
 - **Scattered to fairly widespread rainfall** with isolated thunderstorm & lightning over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura over the region on 25th & 26th February, 2022. Isolated **hailstorm** also likely over Assam & Meghalaya during next 2 days.

3. **A cyclonic circulation is likely to form over south Andaman Sea & neighbourhood around 27th February, 2022. Under its influence:**
- **Widespread light/moderate rainfall with isolated heavy falls very likely over Andaman & Nicobar Islands on 27th & 28th February, 2022.**
 - **Squally winds (40-50 gusting to 60 Kmph) is very likely over south Andaman Sea on 27th and over south Andaman Sea & adjoining Southeast Bay of Bengal on 28th February, 2022.**
4. **A fresh Western Disturbance is very likely to influence northwest India from 28th February, 2022. It is very likely to cause scattered to fairly widespread light/moderate rainfall/snowfall over Western Himalayan Region during 28th February to 02nd March, 2022 and isolated light rainfall over adjoining plains of northwest India on 01st & 02nd March, 2022.**

For more details refer:

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



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**
- Visibility/Fog**
- Cold wave/Cold day**