



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

**Press Release
Date: 26th February, 2022
Time of Issue: 1230 hrs IST**

**Subject: (I) Wet spell likely to continue over Northwest India during next 24 hours and over East & Northeast India during next 2 days.
(II) Formation of a Low Pressure Area over Southeast Bay of Bengal & adjoining south Andaman Sea around 28th Feb, leading to enhanced rainfall activity over Andaman-Nicobar Islands on 27th & 28th Feb and over Tamilnadu-Puducherry-Karaikal during 02nd-04th March, 2022.**

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

Scattered thunderstorm activity with lightning & hailstorm occurred over Punjab, Haryana, Delhi and West Uttar Pradesh.

Weather Systems and associated forecast & warnings:

- 1. The Western Disturbance is seen as a trough in middle & upper tropospheric levels with its axis at 5.8 km above mean sea level roughly along Long. 72°E to the north of Lat. 30°N. The associated induced cyclonic circulation lies over central parts of Rajasthan & neighbourhood in lower tropospheric levels. Under their influence:**
 - Scattered to fairly widespread **light/moderate rainfall/snowfall** with thunderstorm & lightning at isolated places very likely over Jammu-Kashmir-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand during next 24 hours. Isolated **hailstorm** also likely over Uttarakhand during next 24 hours.
 - Isolated to scattered light/moderate rainfall with thunderstorm & lightning at isolated places very likely over Punjab, north Haryana-Chandigarh and northwest Uttar Pradesh during next 24 hours. Isolated **hailstorm** activity is also likely over northwest Uttar Pradesh during next 24 hours.
 - **Strong surface winds (25-35 kmph)** very likely to prevail over north Rajasthan, Haryana, Delhi & adjoining West Uttar Pradesh today, the 26th February, 2022.
 - Isolated light/moderate rainfall very likely over Bihar, Jharkhand, West Bengal-Sikkim and north Odisha during next 2 days 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 during next 24 hours.
2. A cyclonic circulation in lower & mid-tropospheric levels lies over Strait of Malacca & neighbourhood. It is likely to emerge over south Andaman Sea & neighbourhood around 27th February, 2022. Under its influence, a **Low Pressure Area** is likely to form over Southeast Bay of Bengal & adjoining south Andaman Sea during subsequent 24 hours. Under its influence:
- Fairly widespread to widespread light/moderate rainfall with thunderstorm, lightning & gusty winds (30-40 kmph gusting to 50 Kmph) over Andaman-Nicobar Islands during 27th Feb-01st March. **Isolated heavy rainfall** also very likely over Nicobar Islands on 27th & 28th February and over south coastal Tamilnadu on 02 March 2022.
 - **Squally winds (40-50 gusting to 60 Kmph)** very likely over south Andaman Sea & adjoining Southeast Bay of Bengal during 27th & 28th Feb, over Southeast & adjoining Southwest Bay of Bengal on 01st March and over Southwest & adjoining Southeast Bay of Bengal on 02nd 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, 2022.** It is very likely to cause isolated to scattered light/moderate rainfall/snowfall over Western Himalayan Region during 28th Feb-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



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)



Heavy Rain

Strong Winds

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**