



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

**Press Release
Date: 19th February, 2022
Time of Issue: 1145 hrs IST**

**Subject: (I) Wet Spell very likely over Northeast India on 20th and 21st February 2022 with isolated heavy rainfall over Arunachal Pradesh on 20th February 2022.
(II) Wet Spell very likely over Western Himalayan Region and isolated light rainfall over adjoining plains of Northwest India on 22nd & 23rd February, 2022.**

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

- **Observed rainfall (in cm): Andaman & Nicobar Islands:** Long Island and Port Blair-5 each & Car Nicobar and Maya Bandar-1 each.

Weather Systems and associated forecast & warnings:

- **Under the influence of a fresh Western Disturbance and its induced cyclonic circulation;** scattered to fairly widespread light/moderate rainfall/snowfall very likely over Western Himalayan Region on 22nd & 23rd and isolated **light rainfall** likely over Punjab on 22nd & over Haryana-Chandigarh-Delhi and north Rajasthan on 22nd & 23rd February, 2022.
- **Strong surface winds (25-35 kmph)** likely to prevail over Haryana-Chandigarh-Delhi & Uttar Pradesh on 19th, 20th & 22nd and over north Rajasthan on 22nd February 2022.
- **Scattered to fairly widespread light/moderate rainfall likely** over Arunachal Pradesh and **isolated to scattered light/moderate rainfall** over Assam-Meghalaya & Nagaland-Manipur-Mizoram-Tripura during 19th to 21st February. **Isolated Heavy rainfall** also likely over Arunachal Pradesh on 20th February 2022. **Isolated hailstorm** activity also likely over east Arunachal Pradesh and northeast Assam on 20th February 2022
- **Under the influence of cyclonic circulation over Southeast Bay of Bengal & adjoining north Andaman Sea at lower tropospheric levels;** Fairly widespread rainfall with **isolated thunderstorm/lightning** very likely over Andaman & Nicobar Islands during next 24 hours and significant reduction thereafter.
- **Isolated light/moderate rainfall** very likely over Sub-Himalayan West Bengal-Sikkim during 19th-22nd; over Odisha on 19th & 20th and over Gangetic West Bengal during 20th-22nd February, 2022.
- No significant change in **minimum temperatures** very likely over most parts of the country during next 5 days.

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