



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

**Press Release
Date: 20th February, 2022
Time of Issue: 1245 hrs IST**

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

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

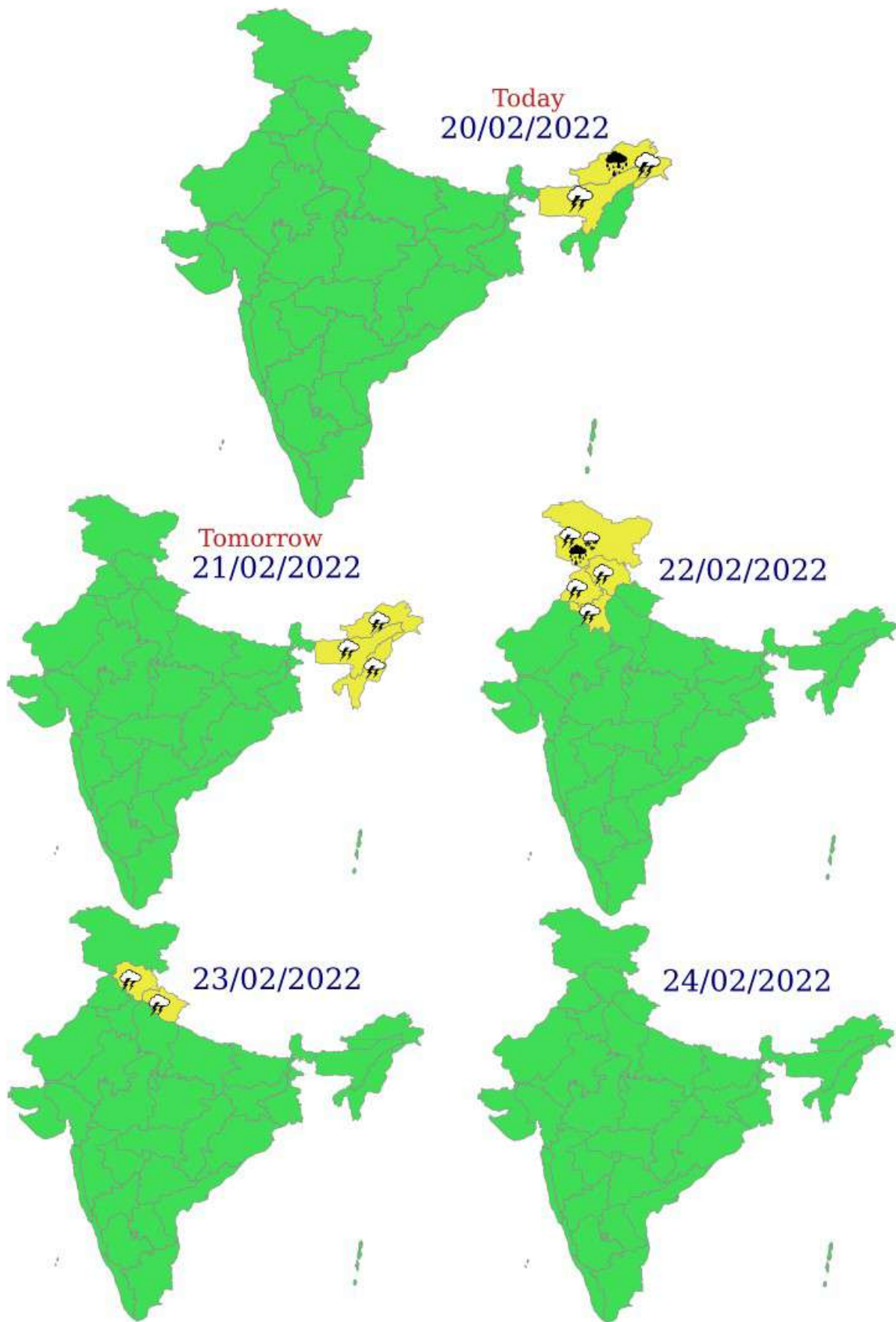
- **Observed rainfall (in cm): Andaman & Nicobar Islands:** Car Nicobar & Long Island-3 each; Hut Bay & Maya Bandar-1 each; **Odisha:** Gopalpur-2.
- **Strong surface winds (20-30 kmph)** prevailed over Haryana-Chandigarh-Delhi & Uttar Pradesh.

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, Haryana-Chandigarh-Delhi and north Rajasthan on 22nd & 23rd February, 2022.
- **Isolated heavy rainfall/snowfall is very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 22nd February.**
- **Strong surface winds (25-35 kmph)** likely to prevail over Haryana-Chandigarh-Delhi & Uttar Pradesh on 20th & 22nd and over north Rajasthan on 22nd February 2022.
- **Fairly widespread to widespread light/moderate rainfall** very likely over Arunachal Pradesh and **scattered to fairly widespread light/moderate rainfall** over Assam-Meghalaya & Nagaland-Manipur-Mizoram-Tripura on 20th & 21st February and reduction thereafter. **Isolated Heavy rainfall** likely over Arunachal Pradesh on 20th February 2022. **Isolated hailstorm** activity also likely over east Arunachal Pradesh and northeast Assam on 20th February 2022.
- **Isolated to scattered light/moderate rainfall** very likely over Sub-Himalayan West Bengal-Sikkim during 20th-22nd; over Odisha, Gangetic West Bengal and Jharkhand on 20th February, 2022. **Isolated to scattered light/moderate rainfall** very likely over East India on 24th February, 2022.
- **Isolated light rainfall** very likely to continue over Tamilnadu-Puducherry-Karaikal and Kerala-Mahe during next 5 days.
- 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)



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

