



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

**Press Release
Date: 21st February, 2022
Time of Issue: 1200 hrs IST**

**Subject: (I) Wet Spell over Northeast India during next 24 hours
(II) Wet Spell over Western Himalayan Region during 22nd-24th & adjoining plains of Northwest India on 22nd & 23rd and over East India on 24th & 25th February, 2022.**

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

- **Observed rainfall (in cm):** Bhubaneshwar-3, Nancowry-2, Pasighat, Jorhat, Tezpur, Diamond Harbour, Chandbali-1 each.
- **Strong surface winds (20-30 kmph)** prevailed over Punjab, Haryana-Chandigarh-Delhi & Uttar Pradesh.

Weather Systems and associated forecast & warnings:

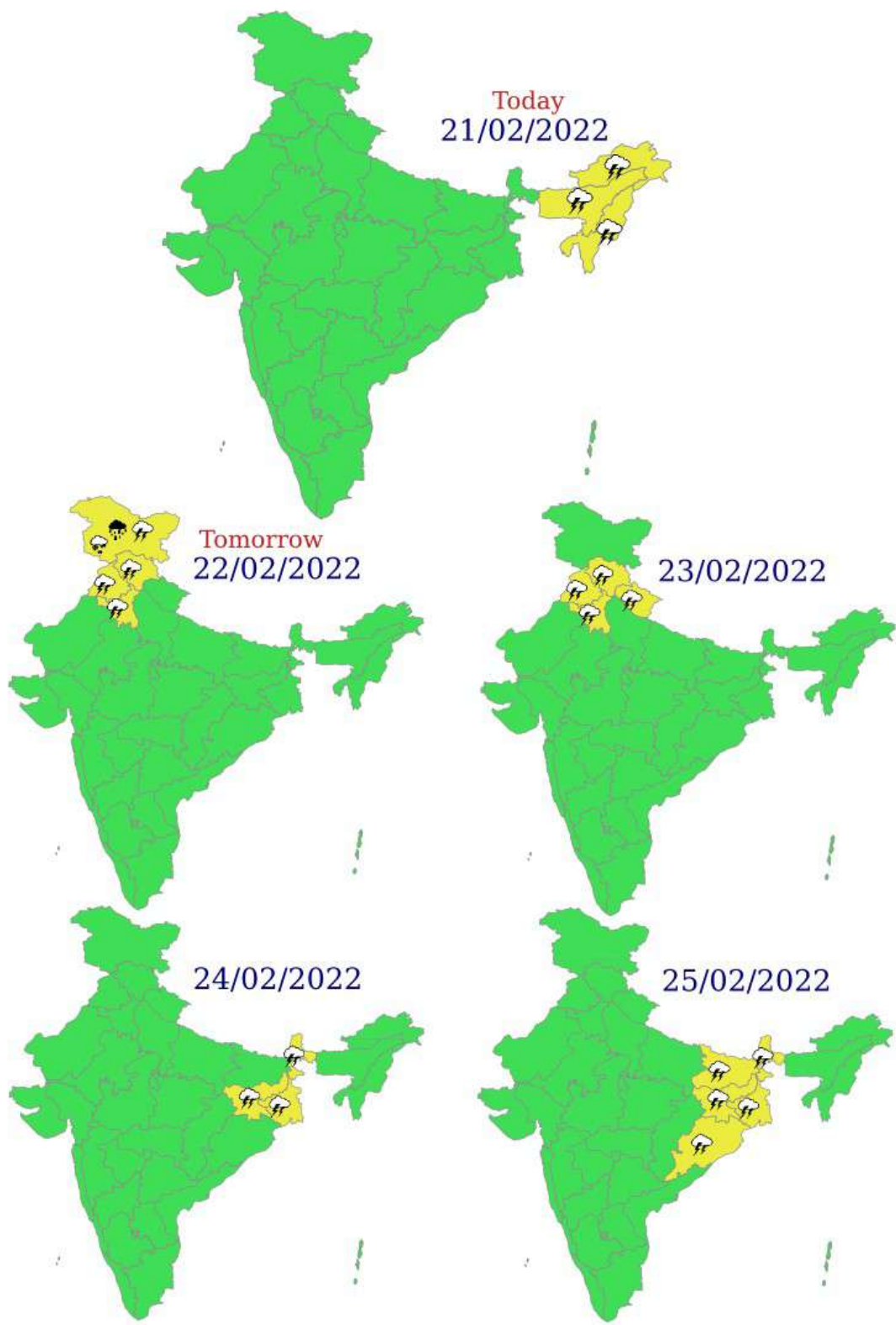
- **Under the influence of an approaching Western Disturbance and its likely induced cyclonic circulation;** scattered to fairly widespread **light/moderate rainfall/snowfall** very likely over Jammu-Kashmir-Gilgit-Baltistan-Muzaffarabad & Himachal Pradesh during 22nd-24th with maximum activity on 22nd & 23rd and isolated/scattered over Uttarakhand during the same period. **Isolated heavy rainfall/snowfall** is very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 22nd February. **Isolated hailstorm** also very likely over Uttarakhand on 23rd February.
- Isolated **light rainfall** likely over Punjab, Haryana-Chandigarh-Delhi, West Uttar Pradesh on 22nd & 23rd and over Rajasthan on 22nd February, 2022. **Strong surface winds (25-35 kmph)** very likely to prevail over Haryana-Chandigarh-Delhi & Uttar Pradesh and East Rajasthan on 22nd February 2022. **Dust raising winds (25-35 kmph)** also very likely to prevail over West Rajasthan on 22nd February, 2022.
- A cyclonic circulation over Bangladesh in lower tropospheric levels and a trough in lower and middle westerlies runs roughly along Long.90°E to the north of Lat.22°N. Under their influence, **Scattered to fairly widespread light/moderate rainfall** over Arunachal Pradesh, Assam-Meghalaya & Nagaland-Manipur-Mizoram-Tripura during next 24 hours and reduction thereafter.
- **Isolated to scattered light/moderate rainfall** very likely over Bihar, Jharkhand, Odisha and West Bengal-Sikkim on 24th & 25th February, 2022.

Temperature Forecasts:

- No significant change in minimum temperatures very likely over Gujarat state during next 3 days and rise by 2-3°C thereafter. Gradual rise in minimum temperature by 2-3°C very likely over the Central India and no significant change thereafter.
- No significant change in minimum temperatures very likely over rest 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)



Thunderstorm with Lightning



Visibility/Fog



Cold wave/Cold day

Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75