



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release

Date: 16th February, 2023

Time of Issue: 1145 hours IST

Subject: Light to moderate rainfall/snowfall over Western Himalayan Region from 18th to 21st February, 2023 and no significant weather over rest parts of the country during next 5 days.

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

- ❖ **Minimum Temperatures** are in the range of 9-10°C at isolated places over the plains of Northwest India and adjoining Central & East India.
- ❖ Light rainfall observed in isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

Weather Forecast and Warnings:

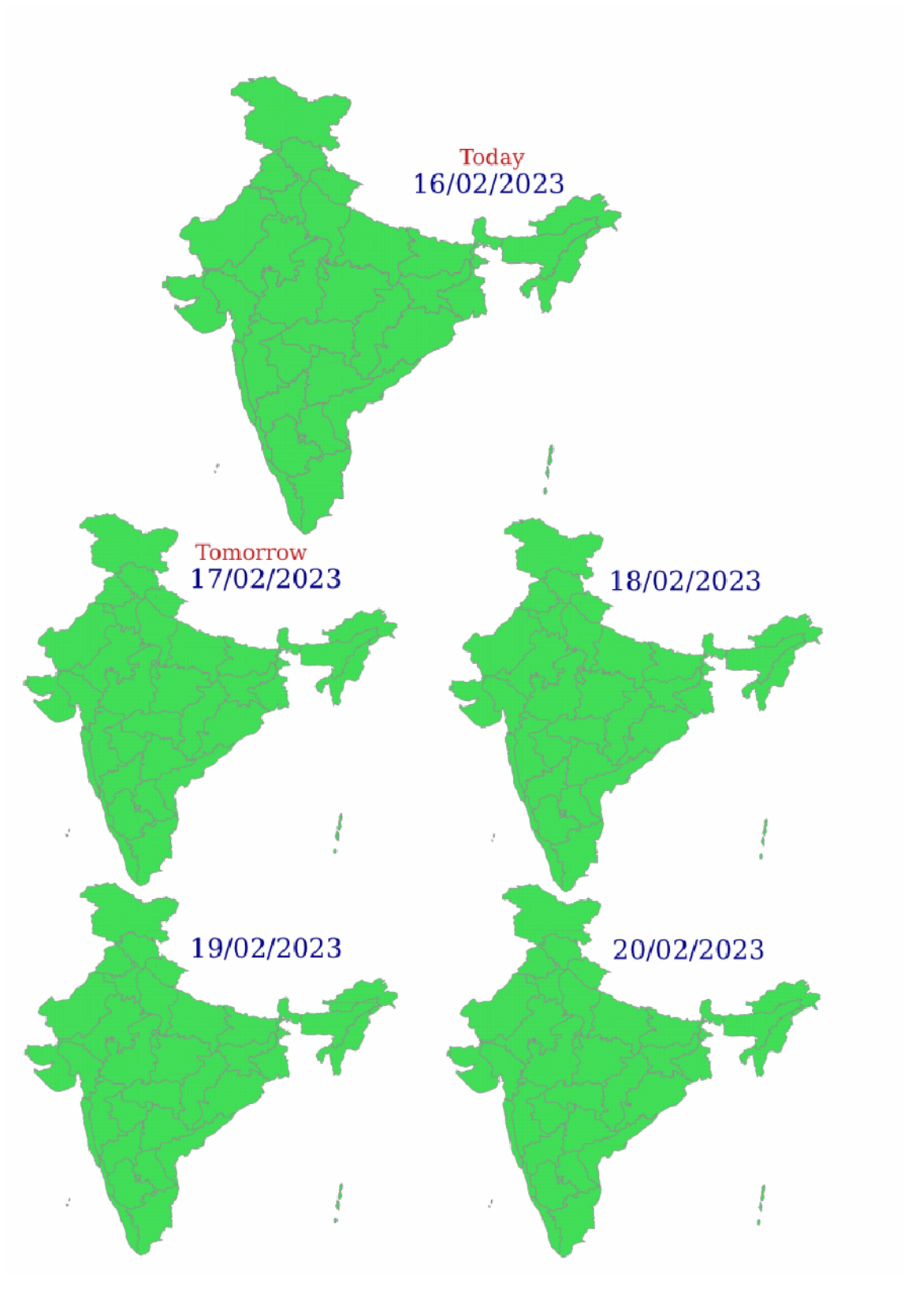
- ❖ Jet Stream Winds of the order of 130 knots are prevailing between Lat. 30-35°N over the Indian region. Under their influence:
 - ✓ Light isolated rainfall/snowfall very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 16th-17th February, 2023.
- ❖ A fresh Western Disturbance likely to affect the Western Himalayan Region from 18th February. Under its influence:
 - ✓ Light isolated rainfall/snowfall very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 18th and light to moderate scattered/fairly widespread rainfall/snowfall over the region during 19th-21st February.
 - ✓ Light isolated to scattered rainfall/snowfall over Himachal Pradesh and Uttarakhand on 19th to 21st February, 2023.
- ❖ Light isolated rainfall very likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland on 16th and 20th February.
- ❖ Light isolated to scattered rainfall very likely over Andaman & Nicobar Islands during next 5 days.
- ❖ **No significant weather very likely over rest parts of the country during next 5 days.**

Minimum Temperature Forecast:

- ❖ Minimum Temperatures are likely to rise gradually by 3-5°C over many parts of East India and by 2-4°C over many parts of Northwest & Central India and Maharashtra during next 5 days.

For more details kindly refer:

https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.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

 Heavy Rain	 Heavy Snow	 Thunderstorm	 Dust Storm
 Strong Winds	 Visibility	 Cyclone	 Squall/ Hail
 Frost	 Cold Wave	 Heat Wave	 Sea State