



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

**Press Release**

**Date: 09<sup>th</sup> February, 2022**

**Time of Issue: 1200 hrs IST**

**Subject: Wet Spell over Western Himalayan Region and plains of Northwest India on 09<sup>th</sup> February and over East India on 09<sup>th</sup> & 10<sup>th</sup> February, 2022.**

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

- **Observed rainfall (in cm):** Kinnaur, Rohtak, Sonapat and Safdarjung(Delhi) -2 each; Lodi Road(Delhi), Ridge(Delhi), Meerut, Aligarh, Ridge, Churu, Nancowry, Faridabad, Jind, Gohana, Palwal, Gurgaon-1 each.
- **Cold Day conditions** prevailed at many places over Terai region of East Uttar Pradesh.

**Weather Systems and associated forecast & warnings:**

- **The Western Disturbance as a trough in middle & upper tropospheric westerlies runs along Long. 70°E to the north of Lat. 27°N and an induced cyclonic circulation lies over northeast Rajasthan & neighbourhood in lower tropospheric levels; it is very likely to cause:**
  1. Scattered light/moderate rainfall/snowfall over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad and fairly widespread to widespread rainfall/snowfall over Himachal Pradesh and Uttarakhand on 09<sup>th</sup> February. Isolated thunderstorm & lightning also likely over Uttarakhand on 09<sup>th</sup> February, 2022.
  2. Isolated rainfall likely over Punjab, Haryana-Chandigarh-Delhi and East Rajasthan; Scattered to fairly widespread rainfall with thunderstorm, Lightning & hail likely over Uttar Pradesh on 09<sup>th</sup> February, 2022.
  3. Isolated to scattered light/moderate rainfall very likely over West Bengal-Sikkim & Jharkhand, Bihar & Odisha on 09<sup>th</sup> & 10<sup>th</sup> February, 2022.
  4. Strong winds (speed 25-35 kmph) very likely over Punjab, Haryana and West Uttar Pradesh on 10<sup>th</sup> & 11<sup>th</sup> February, 2022.
- **Under the influence of fresh feeble Western Disturbance; isolated light rainfall/snowfall over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad and Himachal Pradesh on 13<sup>th</sup> & 14<sup>th</sup> February, 2022.**

**Temperature and Fog Warning:**

- Gradual fall in minimum temperatures by 2-4°C very likely over most parts of Northwest, Central India & Gujarat during next 3 days and rise by 2-4°C thereafter.
- No significant change in minimum temperatures very likely over most parts of East India during next 2 days and gradual fall by 2-4°C thereafter.
- **Dense Fog Conditions** very likely in isolated pockets tonight/tomorrow morning hours over Assam-Meghalaya, Punjab, Haryana-Chandigarh-Delhi, north and over Punjab, Haryana-Chandigarh-Delhi & Uttar Pradesh on morning hours of 13<sup>th</sup> & 14<sup>th</sup> February, 2022.

**For more details refer:**

[https://mausam.imd.gov.in/imd\\_latest/contents/subdivisionwise-warning.php](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:** Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad; Himachal Pradesh, 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.

<b>SPATIAL DISTRIBUTION</b> (% 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)



<b>WARNING</b>	
WARNING (TAKE ACTION)	ALERT ( BE PREPARED)
WATCH (BE UPDATED)	NO WARNING ( NO ACTION)

<b>Probabilistic Forecast</b>	
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**
- Frost**