



**Government of India
Earth System Science Organization
Ministry of Earth Sciences
India Meteorological Department**

**Press Release
Dated: 13th December, 2017
Time of Issue: 1800 hrs IST**

Sub: Weather forecast/warnings for northwest India

(a) Observed Rainfall/ Snowfall due to Western Disturbance

In association with yesterday's Western Disturbance widespread rain/snowfall occurred over Western Himalayan Region and isolated rainfall over Punjab and Haryana. The rain/snowfall observed (in cm) during past 24 hours recorded at 0830 hours IST of today, the 13th Dec. 2017 are as follows:

Baderwah-4, Dharamshala-3, Banihal, Batote & Mandi-2 each.

(b) Current Weather System:

A fresh Western Disturbance as an upper air cyclonic circulation lies over north Pakistan and neighborhood and extends upto middle tropospheric levels with a trough aloft. Yesterday's Western Disturbance has merged with the above system. The associated induced upper air cyclonic circulation lies over north Punjab & neighborhood in lower levels.

(c) Weather Forecast and Warnings

Under the influence of the above system,

Rainfall/snowfall:

- Fairly Widespread **rainfall/snowfall** is very likely over Jammu & Kashmir, Himachal Pradesh and scattered rainfall over Uttarakhand during next 24 hours and decrease thereafter.

Surface wind

- The **surface wind** is likely to be weak (5-10 kmph) northwesterly over plains of northwest India during next 2 days.
- The **minimum temperatures** are likely to fall by 3-5^o C during next 4 days, thereby resulting in **cold wave conditions** over Jammu division, Himachal Pradesh, Punjab, Haryana, Chandigarh, Rajasthan and Gujarat from 16th to 18th.
- Dense to very dense fog** very likely at many places over Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh and north Rajasthan on 14th Dec. 2017 and at a few places over the same region on 15th Dec. 2017, especially during morning hours.

For updated forecast kindly visit: <http://www.imd.gov.in/pages/allindiawxbulletin.php>