



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

**Press Release
Date: 08 January, 2020
Time of Issue: 2030hrs IST**

**Subject: (a) Ongoing Wet spell over Northwest, central & east India
(b) A fresh Western Disturbance very likely to affect Western Himalayan region & adjoining plains mainly on 12th & 13th January, 2020.**

(a) Ongoing Wet spell over Northwest, central & east India

- A Western Disturbance (WD) lies as a cyclonic circulation over north Pakistan and adjoining Jammu & Kashmir at mid-tropospheric levels. An induced cyclonic circulation lies over northwest Rajasthan & neighbourhood at lower tropospheric levels. There is high moisture feed from Arabian Sea over the region.
- Under its influence, fairly widespread to widespread rain/snow is very likely to continue over Western Himalayan Region with possibility of **isolated heavy falls** over Uttarakhand and adjoining Himachal Pradesh on today and **very likely to decrease significantly by tomorrow, the 9th January, 2020.**
- Scattered to fairly widespread rain is very likely over Punjab, Haryana, Chandigarh & Delhi and Uttar Pradesh and isolated over East Rajasthan on today and very likely to decrease significantly by tomorrow, the 9th January, 2020.
- Isolated to scattered rainfall is also very likely over East Madhya Pradesh, Vidarbha, Chhattisgarh, West Bengal & Sikkim and Odisha till tomorrow, the 9th January, 2020.
- **Isolated thunderstorm & lightning** accompanied with **hailstorm** is very likely over Haryana & Chandigarh, Uttar Pradesh, East Madhya Pradesh and Vidarbha; **isolated thunderstorm & lightning** over Bihar, Jharkhand and Gangetic West Bengal and on today; and over Odisha & Chhattisgarh till 9th January, 2020.

(b) A fresh Western Disturbance very likely to affect Western Himalayan region & adjoining plains mainly on 12th & 13th January, 2020.

- A fresh Western Disturbance is very likely to affect Western Himalayan Region from 11th January, 2020 night onwards. An induced cyclonic circulation is also likely to develop over West Rajasthan & neighbourhood on 12th January, 2020.
- It is very likely to cause light/moderated isolated to scattered precipitation over Western Himalayan region on 11th January, 2020 fairly widespread to widespread on 12th & 13th January, 2020 and decrease significantly on 14th January, 2020.
- **Isolated heavy falls is also likely over Jammu & Kashmir and Himachal Pradesh on 12th January, 2020 and over Himachal Pradesh & Uttarakhand on 13th January, 2020.**

- Isolated to scattered rainfall is likely over Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Rajasthan and north Madhya Pradesh on 12th & 13th January, 2020; and light isolated rainfall over Uttar Pradesh and north Madhya Pradesh on 14th January, 2020.
- **Isolated thunderstorm & lightning** accompanied with **hailstorm** is very likely over Western Himalayan Region on 12th & 13th January, 2020 and over Punjab, Haryana & Chandigarh and West Uttar Pradesh on 13th January, 2020.

Note: * Rainfall till 0830 IST of next day.

Legends: **Yellow: Be updated**, **Orange- Be prepared**; **Red- Take action**, **Green: No warning**

Heavy rain: 64.5-115.5 mm/day; Very heavy rain: 115.6-204.4 mm/day; Extremely heavy rain: more than 204.4 mm/day

Dense Fog: 50 to 199 m, **Very Dense Fog: less than 50 m**

Cold Day conditions when Minimum Temperature of a Station $\leq 10^{\circ}\text{C}$ in plains:

Cold Day : Maximum Temperature departure from normal -4.5°C to -6.4°C

Severe Cold Day: Maximum Temperature departure from normal $\leq -6.4^{\circ}\text{C}$

For further details and forecast updates kindly visit websites of IMD, New Delhi:

<http://www.imd.gov.in/pages/allindiawxbulletin.php>

For district level warning, kindly visit website of Meteorological Centres/Regional Meteorological Centres of IMD at state levels