



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

**Press Release
Date: 26th December, 2019
Time of Issue: 1730 hrs IST**

Subject: (a) Wet spell over northwest, central & east India during 31st December, 2019 to 3rd January, 2020 (b) Ongoing severe cold day and dense fog conditions over northern parts of India

(a) Wet spell over northwest, central & east India during 31st December, 2019 to 3rd January, 2020

- A fresh Western Disturbance is very likely to affect Western Himalayan region from 30th December night onwards. Under its influence, Western Himalayan region (Jammu & Kashmir, Himachal Pradesh and Uttarakhand) very likely to experience light/moderate scattered to fairly widespread precipitation from 31st December to 3rd January, 2020 with peak intensity on 2nd January, 2020.
- Due to interaction between Western Disturbance and lower level easterlies from 31st December, 2019 onwards, scattered to fairly widespread rainfall with thunderstorm/hailstorm at isolated places very likely over West Madhya Pradesh on 31st December, 2019; East Madhya Pradesh & Chhattisgarh during 31st December, 2019 to 2nd January, 2020; and Odisha, Jharkhand & West Bengal during 1st to 3rd January, 2020.
- Light/moderate isolated to scattered rain/thundershower is also very likely over Punjab, Haryana, Chandigarh & Delhi, north Rajasthan and Uttar Pradesh during 31st December, 2019 to 2nd January, 2020. Isolated thunderstorm/hailstorm at isolated places is also likely to occur over south Uttar Pradesh on 1st & 2nd January, 2020.

(b) Ongoing severe cold day and dense fog conditions over northern parts of India

- Due to persistence of cold northwesterly winds in lower levels over northwest India and other favourable meteorological conditions, cold day to severe cold day conditions continues to prevail since 15 Dec 2019 in many pockets over Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, north Rajasthan and cold day to severe cold day conditions in isolated pockets over Bihar and north Madhya Pradesh. The most severity was observed on 25th Dec 2019 when majority of stations in the region were recorded 7-12° C below normal with actual maximum temperature of the day varying between 9-15° C. The lowest day maximum temperature on this date in the plains was reported at Ganganagar and Chandigarh with 9.0° C. Today on 26 December, similar severe cold day to cold day conditions likely over these areas with marginal improvement over parts of north Rajasthan
- Considering prevailing meteorological conditions, cold day to severe cold day conditions in many pockets very likely till 29th December over Punjab, Haryana, Chandigarh & Delhi and Uttar Pradesh and in some pockets over north Rajasthan and Cold day conditions at isolated pockets also very likely over Madhya Pradesh and Bihar **and abate thereafter.**
- Dense to very dense fog in some pockets in night/morning hours very likely till 30th morning over Punjab, Haryana, Chandigarh & Delhi, north Rajasthan and Uttar Pradesh; isolated pockets over Bihar, north Madhya Pradesh and **abate thereafter.**

Detailed forecast & warnings are as follow:

Sub-Divisions	26 Dec. 2019*	27 Dec. 2019*	28 Dec. 2019*	29 Dec. 2019*	30 Dec. 2019*
Punjab and Haryana, Chandigarh & Delhi	Cold day to severe cold day conditions very likely in many pockets. Dense to very dense fog in some pockets very likely in night/morning hrs Cold day to severe cold day conditions very likely in many pockets.			Cold day to severe cold day conditions very likely in many pockets. Dense fog in isolated pockets very likely in night/morning hrs	Cold day conditions very likely in isolated pockets.
West Uttar Pradesh	Cold day to severe cold day conditions very likely in many pockets. Dense to very dense fog in some pockets very likely in night/morning hrs.			Cold day to severe cold day conditions very likely in many pockets. Dense fog in isolated pockets very likely in night/morning hrs	Cold day conditions very likely in isolated pockets.
East Uttar Pradesh	Cold day to severe cold day conditions very likely in many pockets. Dense to very dense fog in many pockets very likely in night/morning hrs.			Cold day conditions very likely in isolated pockets. Dense fog in isolated pockets very likely in night/morning hrs	
Bihar	Cold day conditions very likely in isolated pockets. Dense fog in isolated pockets very likely in night/morning hrs				
North Rajasthan	Cold day to severe cold day conditions very likely in isolated pockets. Dense to very dense fog in isolated pockets very likely in night/morning hrs Cold wave to severe cold wave at isolated pockets.			Cold day conditions very likely in isolated pockets. Dense fog in isolated pockets very likely in night/morning hrs	
North Madhya Pradesh	Cold day to severe cold day conditions very likely in isolated pockets. Dense fog in isolated pockets very likely in night/morning hrs				

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