



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

**Press Release  
Date: 10<sup>th</sup> January, 2020  
Time of Issue: 1400hrs IST**

**Subject: Two Western Disturbances in quick succession will affect Western Himalayan region & plains of northwest India during 12<sup>th</sup> to 17<sup>th</sup> January 2020.**

- A Western Disturbance (WD) as a cyclonic circulation in lower tropospheric level lies over Iran & neighbourhood. Under its influence an induced cyclonic circulation very likely to develop over West Rajasthan & neighbourhood at lower tropospheric levels on 13<sup>th</sup> January, 2020.
- System is very likely to move eastward and start causing light isolated to scattered precipitation over Western Himalayan Region (Jammu & Kashmir, Ladakh and Himachal Pradesh) from 11<sup>th</sup> January night onwards.
- Due to fresh moisture feed from the Arabian Sea, its intensity & spread would increase thereafter with its peak intensity on 13<sup>th</sup> January, 2020. Fairly widespread to widespread precipitation is very likely to occur over Western Himalayan region (Jammu & Kashmir, Ladakh, Himachal Pradesh and Uttarakhand) on 12<sup>th</sup> & 13<sup>th</sup> with possibility of **isolated heavy rainfall/snowfall** over Jammu & Kashmir on 12<sup>th</sup> & 13<sup>th</sup> and over Himachal Pradesh & Uttarakhand on 13<sup>th</sup> January, 2020.
- Light to moderate scattered/fairly widespread rain/thundershower very likely over Punjab, Haryana, Chandigarh, Delhi, West Uttar Pradesh, and Rajasthan on 13<sup>th</sup> January with possibility of **isolated heavy rainfalls** over north Punjab and north Haryana & Chandigarh.
- Isolated thunderstorm along with hail & lightning is also likely over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh and Rajasthan on 13<sup>th</sup> January, 2020.
- Another fresh WD in quick succession is likely to affect Western Himalayan region & plains of northwest India during 15<sup>th</sup> to 17<sup>th</sup> with its peak intensity of precipitation on 16<sup>th</sup> January, 2020. There is possibility of isolated heavy rainfall/snowfall over Western Himalayan Region and isolated heavy rainfall over north Punjab, Haryana & Chandigarh on 16<sup>th</sup> January, 2020.
- Detailed forecast & warnings for next 5 days are as follow:

Sub-Divisions	10 Jan. 2020*	11 Jan. 2020*	12 Jan. 2020*	13 Jan. 2020*	14 Jan. 2020*
Jammu & Kashmir	Dry	Rain/snow at a few places	Rain/snow at most places with <b>heavy falls</b> & thunderstorm accompanied with lightning and hailstorm at isolated places	Rain/Snow at most places with <b>heavy falls</b> at a few places and thunderstorm accompanied with lightning and hailstorm at isolated places	Rain/snow at a few places
Himachal Pradesh	Dry	Rainfall at isolated places	Rain/snow at many places	Rain/Snow at most places with <b>heavy falls</b> at a few places and thunderstorm accompanied with lightning and hailstorm at isolated places	Rain/snow at a few places

Uttarakhand	Dry	Dry	Rain/snow at isolated places	Rain/Snow at most places with <b>heavy falls</b> and thunderstorm accompanied with lightning and hailstorm at isolated places	Rain/Snow at many places
Punjab	Dry	Dry	Rainfall at isolated places	Rainfall at many places with <b>heavy falls</b> and thunderstorm accompanied with lightning and hailstorm at isolated places over its northern parts	Rainfall at isolated places
Haryana, Chandigarh & Delhi	Dry	Dry	Dry	Rainfall at many places and thunderstorm accompanied with lightning and hailstorm at isolated places over its northern parts	Rainfall at isolated places
West Uttar Pradesh	Dry	Dry	Dry	Rainfall at a few places	Rainfall at isolated places
East Uttar Pradesh	Dry	Dry	Dry	Rainfall at isolated places	Rainfall at a few places
West Rajasthan	Dry	Dry	Rainfall at isolated places	Rainfall at isolated places and thunderstorm accompanied with lightning at isolated places over northwest Rajasthan	Dry
East Rajasthan	Dry	Dry	Dry	Rainfall at isolated places	Dry

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  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$**

**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/allindiawxfcbulletin.php>

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