



Dated: 18 January 2019

## **PRESS RELEASE**

**Subject: An extended and intense wet spell over Northwest India- Affect of two consecutive Western Disturbances**

### **• Analysis of Weather Situations**

Analysis of numerical weather prediction models and satellite information is indicating that two Western Disturbances in quick succession would be affecting Northwest India during next one week. Analysis of various thermo-diagnostic parameters and indices indicate that the first Western Disturbance would be quite intense and favourably located to cause severe weather across Northwest India during 19 to 22 January with peak intensity on 21 January.

### **• Precipitation Forecast and Warnings**

Widespread rainfall/snowfall along-with heavy to very heavy falls would occur over Jammu & Kashmir, Himachal Pradesh and Uttarakhand during 20-22 January. Widespread rainfall with gusty winds upto 25-30 kmph would also affect the plains especially Punjab, Haryana, Chandigarh, Delhi and Uttar Pradesh during 21-22 January. Isolated heavy rainfall also likely over Punjab and Haryana on 21 January. There is also the possibility of thunderstorm accompanied with isolated hailstorm in the region during the above spell. Detailed forecast and colour code warnings for next 5 days are given in Annexure-I.

The 2<sup>nd</sup> Western Disturbance, though of lesser intensity than the first one, would affect western Himalayan region and the plains of Northwest India during 24 to 26 January. It would cause moderate snowfall in the hills and light rainfall in the plains.

### **• Temperature Forecast**

In view of cloudiness and easterly/south-easterly winds, night temperatures are expected to increase by 4 to 6°C during next 4 days. Due to rainfall, strong winds and cloudy weather, Maximum temperatures would fall by 3 to 4°C from 21 January onwards.

### **• Fog, Cold Wave and Ground Frost Forecast**

Prevailing dense to very dense fog, cold wave and ground frost conditions over Punjab, Haryana, Delhi and north Rajasthan are likely to continue for next 24 hours and abate from the region during subsequent 48 hours.

### **• Forecast for Prayagraj (Kumbh Mela)**

Weather will become mainly cloudy from 20 Jan evening. There is high probability of one or two light spells of rain/thundershowers with strong surface winds during 21 to 23 January.

### **• Forecast for Delhi/NCR**

Generally cloudy conditions with light to moderate rainfall at most places and isolated thunderstorm activity accompanied with strong surface winds most likely during 21 and 22 January.



Annexure - I

5 DAYS WEATHER FORECAST FOR NORTHWEST INDIA

S.No.	MET-SUBDIVISION	18 Jan	19 Jan	20 Jan	21 Jan	22 Jan
1.	Jammu & Kashmir	SCT	FWS	WS	WS	WS
2.	Himachal Pradesh	ISOL	ISOL	WS	WS	WS
3.	Uttarakhand	DRY	ISOL	SCT	WS	WS
4.	Punjab	ISOL	DRY	SCT	WS	WS
5.	Haryana, Chandigarh & Delhi	DRY	DRY	ISOL	WS	WS
6.	West Uttar Pradesh	DRY	DRY	ISOL	FWS	SCT
7.	East Uttar Pradesh	DRY	DRY	DRY	SCT	SCT
8.	West Rajasthan	DRY	DRY	ISOL	SCT	ISOL
9.	East Rajasthan	DRY	DRY	ISOL	SCT	ISOL

5 DAYS WEATHER WARNING FOR NORTHWEST INDIA

S.No.	MET-SUBDIVISION	18 Jan	19 Jan	20 Jan	21 Jan	22 Jan
1	Jammu & Kashmir	NIL	NIL	Isolated heavy rain/snowfall	Scattered heavy with isolated very heavy rain/snowfall Isolated thunderstorm accompanied with hailstorm (Jammu Division)	Heavy rain/snowfall at a few places
2	Himachal Pradesh	NIL	NIL	NIL	Isolated heavy rain/snowfall Isolated thunderstorm accompanied with hailstorm	Isolated heavy rain/snowfall
3	Uttarakhand	NIL	NIL	NIL	Isolated heavy rain/snowfall Isolated thunderstorm accompanied with hailstorm	Isolated heavy rain/snowfall Isolated thunderstorm accompanied with hailstorm



S.No.	MET-SUBDIVISION	18 Jan	19 Jan	20 Jan	21 Jan	22 Jan
4	Punjab	Cold wave & ground frost at a few places with isolated severe cold wave Isolated dense fog	Isolated cold wave & ground frost	NIL	Isolated heavy rain/thunderstorm accompanied with isolated hailstorm	NIL
5	Haryana, Chandigarh & Delhi	Cold wave & ground frost at a few places Isolated dense fog	Isolated cold wave & ground frost	NIL	Isolated heavy rain/thunderstorm accompanied with isolated hailstorm	NIL
6	West Uttar Pradesh	NIL	NIL	NIL	Isolated thunderstorm accompanied with hailstorm	Isolated thunderstorm accompanied with hailstorm
7	East Uttar Pradesh	NIL	NIL	NIL	Isolated thunderstorm accompanied with hailstorm	Isolated thunderstorm accompanied with hailstorm
8	West Rajasthan	NIL	NIL	NIL	Isolated thunderstorm accompanied with hailstorm (Northern parts)	NIL
9	East Rajasthan	NIL	NIL	NIL	Isolated thunderstorm accompanied with hailstorm (Northern parts)	NIL