



Dated: 21 January 2019

PRESS RELEASE

Subject: An intense wet spell over Northwest India

• **Analysis of Weather Situations**

The Western Disturbance as an upper air cyclonic circulation lies over North Pakistan and adjoining Jammu & Kashmir and extends between 1.5 Km and 4.5 Km above mean sea level with a trough aloft with its axis at 5.8 Km above mean sea level now runs roughly along Longitude 64°E to the north of Latitude 20°N. Another Western Disturbance would affect Northwest India from 24th January onwards.

• **Weather Observation during past 24 hours**

Rain/snow occurred at most places over Jammu and Kashmir and at a few places over Himachal Pradesh. Rain/Thundershowers occurred at a few places over Punjab and at isolated places over West Rajasthan. Weather was dry over the rest of the Northwest India. Chief amount of Snowfall in cm: Jammu & Kashmir: Gulmarg-18.0, Kupwara-15.0 & Pahalgam-12.0. Himachal Pradesh: Keylong-8.0 & Kalpa-1.4. Chief amount of Rainfall in mm: Jammu & Kashmir: Banihal-57, Batote-47, Gulmarg-16.4, Kupwara-18.1, Pahalgam-17.3. Punjab: Amritsar-4.7. Rajasthan: Jaisalmer-Trace.

• **Precipitation Forecast and Warnings**

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

• **Temperature Forecast**

In view of cloudiness and easterly/south-easterly winds, night temperatures are expected to fall by 2 to 4°C after 22 January. Due to rainfall, strong winds and cloudy weather, Maximum temperatures would be in the range of 20 to 22°C.

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

Weather will become mainly cloudy from 22 January. Light rain would occur over Prayagraj during night of 22 January and 23 January. Moderate rain/thundershowers with strong surface winds would also occur on 25 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

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S.No.	MET-SUBDIVISION	21 Jan	22 Jan	23 Jan	24 Jan	25 Jan
1.	Jammu & Kashmir	WS	WS	SCT	WS	FWS
2.	Himachal Pradesh	WS	WS	SCT	FWS	SCT
3.	Uttarakhand	WS	WS	FWS	SCT	FWS
4.	Punjab	WS	FWS	SCT	FWS	SCT
5.	Haryana, Chandigarh & Delhi	WS	WS	SCT	SCT	SCT
6.	West Uttar Pradesh	FWS	FWS	SCT	ISOL	SCT
7.	East Uttar Pradesh	ISOL	SCT	SCT	ISOL	FWS
8.	West Rajasthan	SCT	ISOL	DRY	ISOL	ISOL
9.	East Rajasthan	SCT	SCT	ISOL	ISOL	ISOL

5 DAYS WEATHER WARNING FOR NORTHWEST INDIA

MET-SUBDIVISION	21 Jan	22 Jan	23 Jan	24 Jan	25 Jan
Jammu & Kashmir	Heavy rain/snowfall at few places with isolated thunderstorm and hailstorm.	Heavy rain/snowfall at isolated places	NIL	NIL	NIL
Himachal Pradesh	Isolated heavy rain/snowfall accompanied with isolated hailstorm	Isolated heavy rain/snowfall	NIL	NIL	NIL
Uttarakhand	NIL	Isolated heavy rain/snowfall accompanied with hailstorm	NIL	NIL	NIL
Punjab	Heavy rain at isolated places accompanied with isolated thunderstorm/hailstorm.	Heavy rain at isolated places accompanied with isolated thunderstorm/hailstorm.	NIL	NIL	NIL
MET-SUBDIVISION	21 Jan	22 Jan	23 Jan	24 Jan	25 Jan



Haryana, Chandigarh & Delhi	Heavy rain at isolated places accompanied with isolated thunderstorm/hailstorm.	Heavy rain at isolated places accompanied with isolated thunderstorm/hailstorm.	NIL	NIL	NIL
West Uttar Pradesh	Isolated thunderstorm accompanied with hailstorm.	Isolated thunderstorm accompanied with hailstorm.	NIL	NIL	NIL
East Uttar Pradesh	NIL	Isolated thunderstorm accompanied with hailstorm.	Isolated thunderstorm accompanied with hailstorm.	NIL	NIL
West Rajasthan	Isolated thunderstorm accompanied with hailstorm.	Isolated thunderstorm accompanied with hailstorm.	NIL	NIL	NIL
East Rajasthan	Isolated thunderstorm accompanied with hailstorm.	Isolated thunderstorm accompanied with hailstorm.	NIL	NIL	NIL

Legends:

SPATIAL DISTRIBUTION

(% of Stations reporting)

Widespread (WS/ Most Places)	76-100	Scattered (SCT/ A Few Places)	26-50
Fairly Widespread (FWS/ Many Places)	51-75	Isolated (ISOL)	1-25
Mainly Dry	Very Light Rain	Dry	No Rain

WARNING

Most Vigil (Take Action)
Be prepared/updated (Keep Vigil)
Be aware (Be updated)
No Warning

Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75