



Dated: 11 December 2018
Time of Issue: 0830 hours IST

WEATHER WARNING FOR NORTHWEST INDIA

S.No.	MET-SUBDIVISION	11 Dec	12 Dec	13 Dec	14 Dec	15 Dec
1	Jammu & Kashmir	NIL	NIL	NIL	NIL	NIL
2	Himachal Pradesh	NIL	NIL	NIL	NIL	NIL
3	Uttarakhand	NIL	NIL	NIL	NIL	NIL
4	Punjab	Isolated dense fog	Isolated dense fog	Isolated dense fog	NIL	NIL
5	Haryana, Chandigarh & Delhi	Isolated dense fog	Isolated dense fog	Isolated dense fog	NIL	NIL
6	West Uttar Pradesh	NIL	Isolated dense fog	Isolated dense fog	NIL	NIL
7	East Uttar Pradesh	NIL	NIL	NIL	NIL	NIL
8	West Rajasthan	NIL	NIL	NIL	NIL	NIL
9	East Rajasthan	NIL	NIL	NIL	NIL	NIL

* Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day



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

 Rain	Heavy: 64.4 to 124.4 mm Very Heavy: 124.5 to 244.4 mm Extremely Heavy: more than 244.4 mm
 Snow	Heavy: 35.6 to 64.4 mm Very Heavy: 64.5 to 124.4 mm Extremely Heavy: more than 124.4 mm
 Heat Wave	a). When normal maximum temperature of a station is less than or equal to 40° C Heat Wave: Departure from normal 5° C to 6° C. Severe Heat Wave: Departure from normal 7° C or more b). When normal maximum temperature of a station is more than 40° C Heat Wave: Departure from normal 4° C to 5° C. Severe Heat Wave: Departure from normal 6° C or more c). When actual maximum temperature remains 45°C or more
 Hot Day	Plains: The maximum temperature remains 40°C or more and minimum temperature departure from normal 5° C or more. Coastal: When maximum temperature departure is 5° C or more from normal.
 Cold Wave	a) When normal minimum temperature is equal to 10°C or more. Cold Wave: Departure from normal -5° C to -6° C. Severe Cold Wave: Departure from normal -7° C or less b) When normal minimum temperature is less than 10°C Cold Wave: Departure from normal is -4° C to -5° C. Severe Cold Wave: Departure from normal is -6° C or more
 Cold Day	Plains: The maximum temperature remains 16°C or less. Coastal: When maximum temperature departure is -5° C or more from normal.
 Fog	Phenomenon of small droplets suspended in air and the horizontal visibility is one kilometer or less Moderate: When the visibility between 500-200 metres Dense: when the visibility less than 200 metres Very Dense: when the visibility less than 50 metres
 Thunderstorm	Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder) Moderate: Wind gusts are between 31-74 kmph. Severe: Wind gusts reach more than 75 kmph.
 Dust/Sand storm	An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind. Moderate: Wind speed 42-79 kmph and visibility 200 – 500 m Severe: Wind speed ≥ 80 kmph and visibility < 200 meter.
 Hailstorm	Solid precipitation in the form of balls or pieces of ice.
 Frost	Ice deposits on ground Air temperature ≤4°C
 Squall	Sharp increase in wind speed last atleast for 1 minutes Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph Very Severe: Wind speed >87 kmph

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