



Dated: 16 July 2018
Time of Issue: 1100 hours IST

WEATHER WARNING FOR NORTHWEST INDIA

S.No.	MET-SUBDIVISION	16 July	17 July	18 July	19 July	20 July
1	Jammu & Kashmir	Isolated heavy rainfall (Jammu Division)	NIL	NIL	NIL	NIL
2	Himachal Pradesh	Isolated heavy to very heavy rainfall	Isolated heavy rainfall	NIL	Isolated heavy rainfall	Isolated heavy rainfall
3	Uttarakhand	Isolated heavy to very heavy rainfall	Isolated heavy rainfall	NIL	Isolated heavy rainfall	Isolated heavy rainfall
4	Punjab	Isolated heavy rainfall (North Punjab)	NIL	NIL	Isolated heavy rainfall	Isolated heavy rainfall
5	Haryana, Chandigarh & Delhi	Isolated heavy to very heavy rainfall	NIL	NIL	Isolated heavy rainfall	Isolated heavy rainfall
6	West Uttar Pradesh	Isolated heavy rainfall (Northern Parts)	NIL	NIL	Isolated heavy rainfall	Isolated heavy rainfall
7	East Uttar Pradesh	NIL	NIL	NIL	NIL	Isolated heavy rainfall
8	West Rajasthan	NIL	NIL	Isolated heavy rainfall	Isolated heavy rainfall	NIL
9	East Rajasthan	Isolated heavy rainfall	Isolated heavy rainfall	Scattered Heavy with isolated very heavy rainfall	Scattered Heavy with isolated very heavy rainfall	Isolated heavy rainfall

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

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