



## **Special Press Release**

**Date: 18-07-2025**

**Sub: Active to vigorous monsoon conditions over Uttarakhand from 20<sup>th</sup> to 22<sup>nd</sup> July 2025.**

### **Current Meteorological analysis :**

The current meteorological analysis and Numerical Weather Prediction models indicate that the western-end of monsoon trough likely to move northwards close to foothills of Himalayas and eastern end likely to continue to pass over North Bay of Bengal from 20<sup>th</sup> to 22<sup>nd</sup> July. Under the influence of above system, widespread light to moderate rain/thundershower activity very likely to occur from 20<sup>th</sup> to 22<sup>nd</sup> July with **the peak activity of rainfall from evening/night of 20<sup>th</sup> to morning of 22<sup>nd</sup> July 2025** over Uttarakhand.

### **Rainfall forecast:**

Light to moderate rain/ thundershowers are very likely to occur at most places from 20<sup>th</sup> to 22<sup>nd</sup> July 2025.

### **Weather Warning for Uttarakhand:**

<b>20<sup>th</sup> July 2025</b>	<ul style="list-style-type: none"><li>• <b><u>Warning:</u></b> Extremely heavy rainfall likely to occur at isolated places with heavy to very heavy rainfall at a few places in Nainital, Champawat and Udham Singh Nagar districts of Uttarakhand.</li><li>• Thunderstorm accompanied with lightning and very intense to extremely intense spells very likely to occur at isolated places in Nainital, Champawat and Udham Singh Nagar districts of Uttarakhand.</li></ul> <ul style="list-style-type: none"><li>• <b><u>Alert:</u></b> Heavy to very heavy rainfall very likely to occur at a few places in Bageshwar, Pithoragarh, Pauri, Dehradun &amp; Tehri districts of Uttarakhand.</li><li>• Thunderstorm accompanied with lightning and very intense to extremely intense spells very likely to occur at isolated places in Bageshwar, Pithoragarh, Pauri, Dehradun &amp; Tehri districts of Uttarakhand.</li></ul> <ul style="list-style-type: none"><li>• <b><u>Watch:</u></b> Heavy to very heavy rainfall very likely to occur at isolated places in Almora, Haridwar, Chamoli, Uttarkashi &amp; Rudraprayag districts of Uttarakhand.</li><li>• Thunderstorm accompanied with lightning and intense to very intense spells</li></ul>
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	very likely to occur at isolated places in Almora, Haridwar, Chamoli, Uttarkashi & Rudraprayag districts of Uttarakhand.
21 <sup>st</sup> July 2025	<ul style="list-style-type: none"> <li>• <b>Warning:</b> Extremely heavy rainfall likely to occur at isolated places with heavy to very heavy rainfall at a few places in Haridwar, Dehradun, Pauri and Tehri districts of Uttarakhand.</li> <li>• Thunderstorm accompanied with lightning and very intense to extremely intense spells very likely to occur at isolated places in Haridwar, Dehradun, Pauri and Tehri districts of Uttarakhand.</li> </ul> <ul style="list-style-type: none"> <li>• <b>Alert:</b> Heavy to very heavy rainfall very likely to occur at a few places in Nainital, Champawat, Udham Singh Nagar, Uttarkashi &amp; Rudraprayag districts of Uttarakhand.</li> <li>• Thunderstorm accompanied with lightning and very intense to extremely intense spells very likely to occur at isolated places in Nainital, Champawat, Udham Singh Nagar, Uttarkashi &amp; Rudraprayag districts of Uttarakhand.</li> </ul> <ul style="list-style-type: none"> <li>• <b>Watch:</b> Heavy to very heavy rainfall very likely to occur at isolated places in Almora, Bageshwar, Pithoragarh &amp; Chamoli districts of Uttarakhand.</li> <li>• Thunderstorm accompanied with lightning and intense to very intense spells very likely to occur at isolated places in Almora, Bageshwar, Pithoragarh &amp; Chamoli districts of Uttarakhand.</li> </ul>
22 <sup>nd</sup> July 2025	<ul style="list-style-type: none"> <li>• <b>Alert:</b> Heavy to very heavy rainfall likely to occur at isolated in Dehradun, Haridwar, Pauri, Tehri, Nainital, Champawat and Udham Singh Nagar districts of Uttarakhand.</li> <li>• Thunderstorm accompanied with lightning and intense to very intense spells likely to occur at isolated places in Dehradun, Haridwar, Pauri, Tehri, Nainital, Champawat and Udham Singh Nagar districts of Uttarakhand.</li> </ul> <ul style="list-style-type: none"> <li>• <b>Watch:</b> Heavy rainfall likely to occur at isolated places in Almora, Bageshwar, Pithoragarh, Chamoli, Uttarkashi &amp; Rudraprayag districts of Uttarakhand.</li> <li>• Thunderstorm accompanied with lightning and intense to very intense spells likely to occur at isolated places in Almora, Bageshwar, Pithoragarh, Chamoli, Uttarkashi &amp; Rudraprayag districts of Uttarakhand.</li> </ul>

#### **Impact/Advisory:**

- Due to heavy to very heavy rainfall at a few places with extremely heavy rainfall at isolated places the minor to medium landslide, rock fall and mudslides very likely to occur at a few places in hills of Uttarakhand causing blocking/washout of roads/highways/bridges.
- Sudden increase in water flow in rivulets and rainwater streams may result in bank erosion/overflow/flash floods at a few places in these districts. Flooding & inundation also likely in low lying areas in these districts especially in Haridwar & Udham Singh Nagar districts.
- Settlements/People residing in vulnerable areas prone to landslides are advised to move to safer places and remain vigilant during night time also. Pilgrims/tourists/commuters travelling in these districts to remain alert and are advised to avoid travelling.

Settlements/People residing near major rivers and their tributaries; rivulets/streams and low lying areas and flood plains are to remain alert & vigilant during night time also and ready to move to safer places (Higher places).

- State government authorities are advised to take all necessary precautionary measures and facilitate the safe movement of people. The movement of people may be restricted on 21<sup>st</sup> July 2025 in above districts.

**Note:** \*Kindly visit the Meteorological Centre, Dehradun's Website (<https://mausam.imd.gov.in/dehradun/>) for regular & detailed updates of forecasts, warnings and impacts.

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(बिक्रम सिंह)

हेड/वैज्ञानिक-‘एफ’

मौसम वज्ञान केंद्र, देहरादून

**LEGENDS:**

WARNING (TAKE ACTION)	WATCH (BE UPDATED)
ALERT (BE PREPARED)	NO WARNING (NO ACTION)

INTENSITY (INSTY)		DISTRIBUTION (DISTR)		PROBABILITY OF OCCURRENCE	
VERY LIGHT/बहुत हल्की	TRACE - 2.4 mm	ISOLATED /कहीं-कहीं	ISOLATED (UPTO 25% AREA)	UNLIKELY	Up to 25%
LIGHT/हल्की	2.5- 15.5 mm	FEW /कुछ स्थान	SCATTERED (BETWEEN 25-50% AREA)	LIKELY	26 to 50%
MODERATE /मध्यम	15.6 – 64.4 mm	MANY /अनेक स्थान	FAIRLY WIDE SPREAD (BETWEEN 50-75% AREA)	VERY LIKELY	51 to 75%
HEAVY /भारी	64.5- 115.5 mm	MOST /अधिकांश स्थान	WIDE SPREAD (MORE THAN 75% AREA)	MOST LIKELY	Above 75%
VERY HEAVY /बहुत भारी	115.6- 204.4 mm				
EXTREMELY HEAVY /अत्यंत भारी	> 204.4 mm				

Intense rainfall spell	20-30 mm/hour
Very intense rainfall spell	30-50 mm/hour
Extremely intense rainfall spell	50-100 mm/hour
Cloud Burst	>100 mm/hour