



## **Special Press Release**

**Date: 25-02-2025**

### **Sub: Rain/snowfall/thunderstorm activity over Uttarakhand from 26<sup>th</sup> February to 01<sup>st</sup> March, 2025**

#### **✚ Current Meteorological analysis :**

Current meteorological analysis and Numerical Weather Prediction models indicate that an active Western Disturbance as an upper air system in mid and upper tropospheric levels with induced cyclonic circulation in lower tropospheric levels is likely to affect Uttarakhand from 26<sup>th</sup> February to 01<sup>st</sup> March, 2025. Under the influence of above system, rain/snowfall/thunderstorms very likely to occur from 26<sup>th</sup> February to 01<sup>st</sup> March, 2025 with peak activity on 27<sup>th</sup> & 28<sup>th</sup> February, 2025 over Uttarakhand.

#### **✚ Precipitation forecast:**

1. Light to moderate rain/snowfall/thunderstorm very likely to occur at most places in Uttarakhand on 27<sup>th</sup> & 28<sup>th</sup> February, 2025.
2. Light to moderate rain/snowfall/thunderstorm very likely to occur at a few places in Garhwal region and at isolated places in Kumaun region on 26<sup>th</sup> February and at a few places in Uttarakhand on 01<sup>st</sup> March, 2025.
3. Snowfall likely to occur at places with height 3200 meter and above on 26<sup>th</sup> February, 2025; at places with height around 2800 meter and above on 27<sup>th</sup> February, 2025 and at places with height 2500 meter and above from 28<sup>th</sup> February to 01<sup>st</sup> March, 2025.

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

<b>Date</b>	<b>Weather warnings</b>
26 <sup>th</sup> February, 2025	<ul style="list-style-type: none"><li>• Thunderstorm accompanied with hail/lightning likely to occur at isolated places in Dehradun, Tehri and Uttarkashi districts of Uttarakhand.</li><li>• Thunderstorm accompanied with lightning likely to occur at isolated places in Chamoli and Pithoragarh districts of Uttarakhand.</li></ul>
27 <sup>th</sup> February, 2025	<ul style="list-style-type: none"><li>• Heavy snow likely to occur at a few places with height 3500 meter and above in Uttarkashi, Rudraprayag, Chamoli, Tehri, Pithoragarh and Bageshwar districts of Uttarakhand.</li><li>• Thunderstorm accompanied with hail/lightning likely to occur at isolated places in Dehradun, Tehri, Pauri, Haridwar, Nainital, Almora and Champawat districts of Uttarakhand.</li></ul>

	<ul style="list-style-type: none"> <li>• Heavy rainfall likely to occur at isolated places in Dehradun, Tehri, Uttarkashi, Rudraprayag, Chamoli, Pithoragarh and Bageshwar districts of Uttarakhand.</li> </ul>
28 <sup>th</sup> February, 2025	<ul style="list-style-type: none"> <li>• Very heavy snow likely to occur at isolated places with height 3500 meter and above and heavy snowfall at a few places with height 3000 meter &amp; above in Uttarkashi, Rudraprayag, Chamoli, Tehri, Pithoragarh and Bageshwar districts of Uttarakhand.</li> <li>• Thunderstorm accompanied with hail/lightning likely to occur at isolated places in Dehradun, Tehri, Pauri, Haridwar, Nainital, Almora, Champawat and Udham Singh Nagar districts of Uttarakhand.</li> <li>• Heavy rainfall likely to occur at isolated places in Dehradun, Tehri, Uttarkashi, Rudraprayag, Chamoli, Pithoragarh and Bageshwar districts of Uttarakhand.</li> </ul>
01 <sup>st</sup> March, 2025	<ul style="list-style-type: none"> <li>• Thunderstorm accompanied with lightning likely to occur at isolated places in Uttarakhand.</li> </ul>

### Impact/Advisory:

Date	District/Region	Weather warning	Impact	Advisory/Suggested actions
28 <sup>th</sup> February, 2025	Uttarkashi, Rudraprayag, Chamoli, Tehri, Pithoragarh and Bageshwar districts of Uttarakhand.	Moderate to very heavy Snowfall and heavy rainfall	<ul style="list-style-type: none"> <li>• Roads at places with height around 2800 meter and above are likely to close due to moderate to heavy snowfall.</li> <li>• Electric/pipe lines are likely to be affected in snowfall areas.</li> <li>• Rock falls/ landslides at isolated places in vulnerable areas of hills of Uttarakhand resulting in blocking of link roads/highways.</li> <li>• Cold day conditions likely to prevail at a few places during this period.</li> <li>• Roads are likely to be slippery due to snow/ice deposit.</li> </ul>	<ul style="list-style-type: none"> <li>• State government authorities are advised to take timely action for the deployment of snow clearance machinery at places with height around 2800 meter and above.</li> <li>• People are advised to make alternate arrangements for power backup to sustain the power failure and cold conditions in hills.</li> <li>• People are advised to have sufficient stock of food and medicine/first-aid kit.</li> <li>• People travelling in hills are advised to move with caution in slippery areas and wait for road clearance in snow bound areas.</li> <li>• People are advised to wear several layers of loose fitting, light weight;</li> </ul>

				<p>warm woolen clothing rather than one layer of heavy cloth.</p> <ul style="list-style-type: none"> <li>• People are advised to stock fodder for domestic animals and keep them in covered shelters.</li> <li>• Installations/settlements close to avalanche prone areas are advised to remain cautious.</li> <li>• Farmers are advised to make necessary arrangements for drainage of excess water and keep the harvested produce in safe &amp; dry place.</li> </ul>
<p>27<sup>th</sup> February , 2025</p>	<p>Dehradun, Tehri, Uttarkashi, Rudraprayag , Chamoli, Pithoragarh and Bageshwar districts of Uttarakhand</p>	<p>Moderate to heavy Snowfall and heavy rainfall</p>	<ul style="list-style-type: none"> <li>• Roads at places with height around 3000 meter and above are likely to close due to moderate to heavy snowfall.</li> <li>• Electric/pipe lines are likely to be affected in snowfall areas.</li> <li>• Rock falls/ landslides at isolated places in vulnerable areas of hills of these districts of Uttarakhand resulting in blocking of link roads/ highways.</li> <li>• Roads are likely to be slippery due to snow/ice deposit.</li> </ul>	<ul style="list-style-type: none"> <li>• State government authorities are advised to take timely action for the deployment of snow clearance machinery at places with height around 3000 meter and above.</li> <li>• People are advised to make alternate arrangements for power backup to sustain the power failure and cold conditions in hills.</li> <li>• People are advised to have sufficient stock of food and medicine/first-aid kit.</li> <li>• People travelling in hills are advised to move with caution in slippery areas and wait for road clearance in snow bound areas.</li> <li>• People are advised to wear several layers of loose fitting, light weight; warm woolen clothing rather than one layer of heavy cloth.</li> <li>• People are advised to</li> </ul>

				<p>stock fodder for domestic animals and keep them in covered shelters.</p> <ul style="list-style-type: none"> <li>• Installations/settlements close to avalanche prone areas are advised to remain cautious.</li> <li>• Farmers are advised to make necessary arrangements for drainage of excess water and keep the harvested produce in safe &amp; dry place.</li> </ul>
26 <sup>th</sup> February to 01 <sup>st</sup> March, 2025	Isolated places in Uttarakhand	Thunderstorm accompanied with Hail / Lightning	<ul style="list-style-type: none"> <li>• Hail may damage plantation, horticulture and standing crops.</li> <li>• Hail may injure people and cattle at open places.</li> <li>• Damages to property/human/ livestock at isolated places due to struck of lightning.</li> <li>• Damage to vehicles parked in open area due to hail.</li> </ul>	<ul style="list-style-type: none"> <li>• Keep the harvested produce (if in the field) at safe place.</li> <li>• Use hail net to protect the trees from hail.</li> <li>• Stay indoors, keep windows &amp; doors closed.</li> <li>• Keep away from all the objects that conduct electricity and unplug electric equipment.</li> <li>• Do not tie the animals in outdoor during thunderstorm/ lightning.</li> <li>• People are advised to be cautious and take shelter in safe places/Pucca houses during thunderstorm/ lightning activities; do not take shelter under trees and park their vehicles at safe places/sheltered parking.</li> </ul>

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

**LEGENDS:**

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

RAINFALL INTENSITY / वर्षा की तीव्रता		RAINFALL DISTRIBUTION / वर्षा का वितरण		PROBABILITY OF OCCURRENCE / घटित होने की संभावना		SPELL OF RAINFALL / वर्षा का दौर	
VERY LIGHT RAIN / बहुत हल्की वर्षा	TRACE - 2.4 mm	ISOLATED PLACES / कहीं-कहीं	ISOLATED (UPTO 25% AREA)	UNLIKELY	Up to 25%	INTENSE SPELL / तीव्र दौर	20-30 mm/hour
LIGHT RAIN / हल्की वर्षा	2.5- 15.5 mm	FEW PLACES / कुछ जगह	SCATTERED (BETWEEN 25-50% AREA)	LIKELY	26 to 50%		
MODERATE RAIN / मध्यम वर्षा	15.6 – 64.4 mm	MANY PLACES / अनेक जगह	FAIRLY WIDE SPREAD (BETWEEN 50-75% AREA)	VERY LIKELY	51 to 75%	VERY INTENSE SPELL / अति तीव्र दौर	30-50 mm/hour
HEAVY RAIN / भारी वर्षा	64.5- 115.5 mm						
VERY HEAVY RAIN / बहुत भारी वर्षा	115.6- 204.4 mm	MOST PLACES / अधिकांश जगह	WIDE SPREAD (MORE THAN 75% AREA)	MOST LIKELY	Above 75%	EXTREMELY INTENSE SPELL / अत्यंत तीव्र दौर	50-100 mm/hour
EXTREMELY HEAVY RAIN / अत्यंत भारी वर्षा	> 204.4 mm						

➤ Heavy snow: 64.5 – 115.5 cm (in depth) & Very heavy snow: 115.6 – 204.4 cm (in depth). (As per the new guidelines w.e.f January 1, 2016).

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(बिक्रम सिंह)

हेड वैज्ञानिक-‘एफ’

मौसम विज्ञान केंद्र, देहरादून