



Special Press Release

Date: 13-03-2025

Sub: Rain/thunderstorm/snowfall activity over Uttarakhand from 13th to 17th 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 13th to 17th March, 2025. Under the influence of above system, rain/snowfall/thunderstorms very likely to occur from 13th to 17th March, 2025 over Uttarakhand.

✚ Precipitation forecast:

1. Light to moderate rain/snowfall/thunderstorm very likely to occur at many places in Uttarkashi, Chamoli, Rudraprayag, Bageshwar and Pithoragarh districts and at a few places in remaining districts of Uttarakhand from 14th to 16th March, 2025.
2. Light to moderate rain/snowfall/thunderstorm very likely to occur at a few places in Uttarkashi, Rudraprayag, Chamoli, Bageshwar and Pithoragarh districts and at isolated places in remaining districts of Uttarakhand on 13th and 17th March, 2025.
3. Snowfall likely to occur at places with height 3500 meter and above on 13th & 14th March and at places with height 3200 meter and above from 15th to 17th March, 2025.

✚ Weather Warning for Uttarakhand:

Date	Weather warnings
13 th March, 2025	<ul style="list-style-type: none">• Thunderstorm accompanied with lightning likely to occur at isolated places in hills of Uttarakhand.
14 th March, 2025	<ul style="list-style-type: none">• Thunderstorm accompanied with lightning likely to occur at isolated places in districts of Uttarakhand.• Thunder squall (50-60 KMPH) likely at isolated places in Dehradun, Haridwar and Nainital districts of Uttarakhand.
15 th March, 2025	<ul style="list-style-type: none">• Thunderstorm accompanied with lightning likely to occur at isolated places in districts of Uttarakhand.

16 th March, 2025	<ul style="list-style-type: none"> • Heavy snow likely to occur at isolated places with height 3500 meter and above in Chamoli, Pithoragarh and Bageshwar districts of Uttarakhand. • Thunderstorm accompanied with lightning likely to occur at isolated places in districts of Uttarakhand. • Thunder squall (50-60 KMPH) likely at isolated places in Dehradun, Nainital and Udham Singh Nagar districts of Uttarakhand.
17 th March, 2025	<ul style="list-style-type: none"> • Thunderstorm accompanied with lightning likely to occur at isolated places in hills of Uttarakhand.

 **Impact/Advisory:**

Date	District/Region	Weather warning	Impact	Advisory/Suggested actions
16 th March, 2025	Chamoli, Pithoragarh and Bageshwar districts of Uttarakhand	Moderate to heavy Snowfall and heavy rainfall	<ul style="list-style-type: none"> • Roads at places with height around 3200 meter and above are likely to close due to moderate to heavy snowfall. • Electric/pipe lines are likely to be affected in snowfall areas. • Rock falls/ landslides at isolated places in vulnerable areas of hills of these districts of Uttarakhand resulting in blocking of link roads/ highways. • Roads are likely to be slippery due to snow/ice deposit. 	<ul style="list-style-type: none"> • State government authorities are advised to take timely action for the deployment of snow clearance machinery at places with height around 3200 meter and above. • People are advised to make alternate arrangements for power backup to sustain the power failure and cold conditions in hills. • People are advised to have sufficient stock of food and medicine/first-aid kit. • People travelling in hills are advised to move with caution in slippery areas and wait for road clearance in snow bound areas. • People are advised to wear several layers of loose fitting, light weight; warm woolen clothing rather than one layer of heavy cloth. • People are advised to stock fodder for domestic animals and keep them in

				<p>covered shelters.</p> <ul style="list-style-type: none"> • Installations/settlements close to avalanche prone areas are advised to remain cautious. • Farmers are advised to make necessary arrangements for drainage of excess water and keep the harvested produce in safe & dry place.
13 th to 17 th March, 2025	Isolated places in Uttarakhand	Thunderstorm accompanied with Lightning and squall(50-60 KMPH)	<ul style="list-style-type: none"> • Damages to property/ human/ livestock at isolated places due to struck of lightning. • Minor damages to kuccha houses and loose/unsecured structures. 	<ul style="list-style-type: none"> • Farmers are advised to harvest the ripe crop/vegetables and store them in safer places • Stay indoors, keep windows & doors closed. • Keep away from all the objects that conduct electricity and unplug electric equipment. • Do not tie the animals in outdoor during thunderstorm/ lightning. • 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.

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