## Agromet Advisory Service Bulletin for the State of Uttarakhand

(Advisories mentioned in the bulletin are prepared by different AMFUs and DAMUs in Uttarakhand)

Bulletin No. 53/2025

Issued on 04.07.2025

## Weather warnings (District Level)

## ➢ 04th June:

• Heavy to very heavy rain / Thunderstorm accompanied with Lightning / intense to very intense spell of rain is likely to occur at isolated places in Bageshwar district and Heavy rain at isolated places in Rudraprayag district of Uttarakhand.

• Heavy rain / Thunderstorm accompanied with Lightning / intense to very intense spell of rain is likely to occur at isolated places in Dehradun and Chamoli districts of Uttarakhand.

• Thunderstorm accompanied with Lightning / intense spell of rain is likely to occur at isolated places in remaining hilly districts of Uttarakhand.

#### > 05th June:

• Heavy to very heavy rain / Thunderstorm accompanied with Lightning / intense to very intense spell of rain is likely to occur at isolated places in Bageshwar and Rudraprayag districts of Uttarakhand.

• Heavy rain / Thunderstorm accompanied with Lightning / intense to very intense spell of rain is likely to occur at isolated places in Dehradun, Chamoli, Pithoragarh and Nainital districts of Uttarakhand.

• Thunderstorm accompanied with Lightning / intense spell of rain is likely to occur at isolated places in remaining hilly districts of Uttarakhand.

## > 06th June:

• Heavy to very heavy rain / Thunderstorm accompanied with Lightning / intense to very intense spell of rain is likely to occur at isolated places in Dehradun, Rudraprayag, Tehri and Bageshwar districts of Uttarakhand.

• Heavy rain / Thunderstorm accompanied with Lightning / intense to very intense spell of rain is likely to occur at isolated places in remaining districts of Uttarakhand.

## ▶ 07th June:

• Heavy to very heavy rain / Thunderstorm accompanied with Lightning / intense to very intense spell of rain is likely to occur at isolated places in Dehradun, Rudraprayag, Tehri and Bageshwar districts of Uttarakhand.

• Heavy rain / Thunderstorm accompanied with Lightning / intense to very intense spell of rain is likely to occur at isolated places in remaining districts of Uttarakhand.

#### **▶** 08th July:

• Heavy rain / Thunderstorm accompanied with Lightning / intense to very intense spell of rain is likely to occur at isolated places in hilly districts of Uttarakhand.

• Thunderstorm accompanied with Lightning / intense spell of rain is likely to occur at isolated places in plain districts of Uttarakhand.

Extended Range forecast for Uttarakhand (1)	11 <sup>th</sup> July, 2025 to 17 <sup>th</sup> July, 2025)
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UTTARAKHAND	Rainfall	Max Temp	Min Temp
04.07.2025 to 10.07.2025	Deficient	Normal	Normal

## Likely impacts of weather warnings (General):

- Landslide, rock fall and mudslides due to heavy rain or intense rainfall spell at isolated places.
- Blocking/washout of roads/highways/bridges due to rock fall/ landslide and floods at isolated places.
- > Community services like electricity, water etc. will be affected at isolated places.
- > Supply and transportation will be affected at isolated places for a few days.
- > Isolated instances of damage to life and property.
- Continuous heavy rainfall may cause Dams/Barrages to increase the discharge causing rise in the river water level. Moderate increase in water level of major rivers and their tributaries.
- Heavy rains falling on melting snowpack can produce sudden increase in water flow in rivulets and rainwater streams that may result in bank erosion/overflow/flash floods also likely at isolated places.
- Very/extremely intense rainfall can produce flash flooding, inundation in low lying areas, mountains and steep hills produce rapid runoff, which can cause streams to rise quickly at isolated places.
- Isolated instances of damage to the vulnerable structures like Kutcha houses/roads/walls, huts and under-construction buildings, bridges, tunnels etc.
- Difficult driving conditions due to slippery roads and low visibility due to fog/low clouds leading to moderately increased travel time.
- Moderate damage to horticulture crop, plantation and Kharif crops like rice, maize, millet, beans, grams etc.
- Flight operations to/from airports may be disrupted. Helicopter operations to/from different helipads in the district may be affected.
- ▶ Railway operations may be affected.
- District headquarters, private & Government institutions, schools, hospitals, pilgrim places, tourist places may be affected by heavy rain.
- > Damages to property/ human/ livestock at isolated places due to struck of lightning.
- Minor landslides at isolated places in vulnerable areas resulting in blocking/ washout of highways/ link roads.
- > Overflow of rivulets and streams at isolated places in hills.

## Impact based advisories (General):

- > People residing in vulnerable areas prone to landslides are to remain alert.
- Pilgrims/tourists travelling to Chardham or other locations to remain alert and travel only if necessary. During continuous / heavy rains keep a watch on steep slopes while travelling.
- Settlements/People residing near major rivers and their tributaries; rivulets/streams and low-lying areas and flood plains are to remain alert.
- > Dam/barrage management/ Hydroelectric power plants management/control authorities are

advised to take necessary precautionary measures.

- Mountaineering expeditions may be halted and the expedition members are advised to move to the safe places.
- > Commuters or people travelling with vehicle need to be alert and travel only if necessary.
- Stay indoors during heavy rains/ flash flood. Do not try to cross an active landslide area.
- Monitor media reports for updates. Listen up for weather forecasts on local media. Keep an eye on social media
- > Avoid visiting fragile hilly terrain and steep slopes.
- > Don't try to walk through a flooded area. Avoid flooded areas if you are in a vehicle.
- Do not go swimming or boating in swollen rivulets, streams, rivers and their tributaries during heavy rains.
- Military and Para-military establishments/posts in remote/far-flung areas vulnerable to landslide, flash-flood are to remain alert.
- Construction activities of houses, building, bridges, dam, tunnels etc. may be halted during heavy rainfall period.
- Farmers are advised to make necessary arrangements for drainage of excess water from the fields. The harvested produce may be kept in safe & dry place.
- State government authorities are advised to take all necessary precautionary measures for smooth movement of people.
- > Keep the harvested produce (if in the field) at safe place.
- > Stay indoors; keep windows & doors closed during thunderstorm / lightning.
- > Keep away from all the objects that conduct electricity during thunderstorm / lightning.
- > Do not tie the animals in outdoor during thunderstorm / lightning / gusty winds.
- People are advised to be cautious and take shelter in safe places / Pucca houses during thunderstorm / lightning / gusty wind activities; do not take shelter under trees and park vehicles at safe places / sheltered parking.
- > People residing in vulnerable areas prone to landslides are to remain cautious.
- > Settlements/People residing near the rivulets/streams are to remain cautious.
- > Farmers are advised to make proper drainage channel in the field to avoid water logging.

## Impact based advisories (Agriculture)

- Farmer brothers are advised not to do irrigation and chemical applications during this period.
- > The harvested produce should be stored well and seedlings can be protected using nets.
- > Facilitate good drainage system to remove excess water from crop fields and nursery.
- Start the planting work of new saplings of Agroforestry plants in fallow land or Forest lands and catchment areas of watershed.
- > Use light trap/pheromone trap in crop field for pest control.

# Summary of four days rainfall over the State (30<sup>th</sup> June, 2025 – 03<sup>rd</sup> July,2025)

	30-06-2025	01-07-2025	02-07-2025	03-07-2025
Uttarakhand	WS	SCT	FWS	WS

ISOL:Isolated *i.e.*, Rain at 1 or 2 placesFWS:Fairly Widespread *i.e.*, Rain at many places

WS: Widespread *i.e.*, Rain at most places

**SCT:** Scattered *i.e.*, Rain at a few places

DRY: No rain

# **Rainfall forecast for next 5 days**

	04-07-2025	05-07-2025	06-07-2025	07-07-2025	08-07-2025
Uttarakhand	FWS	WS	WS	WS	WS

## **OUTLOOK FOR NEXT 2 DAYS:** No large change.

ISOL:	Isolated <i>i.e.</i> , R	ain at 1 or 2	places	SCT:

- **FWS:** Fairly Widespread *i.e.*, Rain at many places
- WS: Widespread *i.e.*, Rain at most **DRY**: places

Scattered *i.e.*, Rain at a few places

No rain

# <u>Crop stages collected from State Department of Agriculture, Govt. of Uttarakhand,</u> <u>AMFUs and DAMUs:</u>

CROPS	DISTRICT			
CROFS	TEHRI	U.S. NAGAR	NAINITAL	HARIDWAR
Amaranth				
Agroforestry				
Apricot				
APPLE	FD			
Barnyard Millet			G	
Bitter gourd				
Black Gram				
Brinjal				
BOTTLE GUARD				
Broccoli				
Cabbage				
Cauliflower				
Capsicum				
Cheak pea				
Chilli		Н		
Cowpea/Lobia				
Cucumber				
Finger Millet				
Fodder Maze				
French Beans			HH	
Garlic				
Ginger				
Green Gram				
Groundnut				
GUAVA				
Horse Gram				
Kindney Bean/Rajma			S	
Litchi				
Maize	VG	S	G	

Mango				FM
Mulberry	Sa			
Mushroom				
Mustard				
OKRA/Lady finger		V/Fr		
Onion				
Peach			Н	
Pear				
Pigeon Pea/Red Gram/Arhar			V	
Plum			Н	
Potato			Н	
Pumpkin		V/Fr		
Rice	Se	TR	TR	N/Se
Soyabean	VG	S	G	
Sugarcane				
Sunflower				
Tomato	F/Fr		Н	FM
TURMERIC				
Wheat				

BD: Bulb Development, Br: Branching, CB: Cob Filling, CP: Crop Production, D: Drying, E: Emergence, EL: Elongation, F: Flowering, Fr: Fruiting, FD: Fruit Development, FF: Fruit formation, FM: Fruit Maturity, G: Germination, GF: Grain Filling, GR: Growth, H: Harvesting, HG: Head Growth, HD: Hard Dough, M: Maturity, N: Nursery, NB: Nursery bed preparation, P: Planting, Pe: Peg Initiation, PD: Pod Development, PF: Pod Formation, PI: Panicle Initiation, PM: Physiological Maturity, Sa: sapling, S: Sowing, Se: Seedling, SG: Seedling Growth, SE: Stem Elongation, SF: Square Formation, SEF: Seed Formation, T: Tillering, Ta: Taselling, TF: Tuber Formation, TD: Tuber Development, TH: Threshing, TR: Transplanting, V: Vegetative, VG: Vegetative Growth

# Agromet Advisories issued by different Agromet Field Units (AMFUs) of <u>Uttarakhand</u>

## 1. A.M.F.U-ROORKEE (Haridwar, plains of Dehradun and Pauri districts)

Сгор	Crop Specific Advisory
RICE	Farmer brothers are advised to avoid irrigation in nursery seedlings. To prevent termite and white grub infestation, it is advisable to utilize finely decomposed farmyard manure (FYM) during field preparation for rice transplanting.
Horticulture	Horticulture Specific Advisory
MANGO	<ul> <li>In anticipation of heavy to very heavy rainfall, farmer brothers are advised to refrain from irrigating their mango orchard.</li> <li>Due to the current weather conditions of cloudy skies, rainfall, and high humidity, it is advisable to inspect mango orchards for potential pest and disease attacks. These weather conditions create a favorable environment for the occurrence of pests and diseases in the orchards.</li> <li>Fruit flies: The female adult fruit fly punctures the ripening mango fruit by penetrating its needle-like ovipositor and lays the</li> </ul>

	<ul> <li>eggs inside. Activity of the fruit flies on mango fruits is from the last</li> <li>week of May to the last week of July. • Control: Fix fruit fly traps</li> <li>@16 traps/acre and recharge the same if required.</li> <li>Because of heavy rainfall likely to occur, farmer brothers are advised</li> </ul>
ΤΟΜΑΤΟ	to make drainage channels to remove excess water from the field.
Live Stock	Live Stock Specific Advisory
COW	<ul> <li>Farmer brothers are advised to avoid grazing of animals in farms and avoid tying outside when thunderstorms and rainfall activities are</li> <li>forecasted. • Farmer brothers are advised to vaccinate animals to protect them from disease outbreaks such as Foot &amp; Mouth Disease (FMD), Haemorrhagic Septicaemia (H.S.), and Black Quarter (B.Q.) that are likely to occur at the onset of the monsoon season.</li> </ul>
Poultry	Poultry Specific Advisory
CHICKEN	<ol> <li>Avoid water stagnation near the poultry house and ensure proper drainage.</li> <li>Provide an adequate amount of dry littering materials for the base of the poultry house.</li> <li>Ensure a sufficient supply of pure drinking water for the birds within the shed.</li> <li>Keep the surroundings clean and free from weeds to prevent the growth of mosquitoes and flies.</li> </ol>

# 2. A.M.F.U-PANTNAGAR (Udham Singh Nagar and plains of Nainital districts)

Crop	Crop Specific Advisory
Rice	Add 2% urea mixed in 0.5% Zn So4 to the nursery. Application of fertilizers should be done as 1/4 N and full P and K at the time of sowing . If cowdung is being used then apply it 15-20 days earlier and use 1/2 N (10-15 kg). Nursery of basmati and aromatic rice should be prepared. Nursery of paddy should be filled with 4-6 cm of water before plucking the seedlings. Plucking of seedlings should be done carefully followed by washing the roots and transplanting of seedlings should be done immediately. Transplanting of paddy should be done when 4-5 leaves were seen in the seedlings of paddy. This stage comes after 18 days in early maturing varieties and after 20-25 days in medium duration varieties of paddy. Irrigation should be given in the field before 15 days of puddling. Field should be filled with water before 10-12 hrs of puddling and ploughing should be done 2-3 times. Field should be leveled. Transplanting should be done after 10-15 hrs of puddling. Weather is favourable for transplanting.
Maize	Sowing Cluster varieties of kharif maize such as Tarun, Naveen, Kiran, Navjot, Pratap Maize-1, Pusa Cluster 3 and 4 can be sown. The seed rate can be maintained at 18-20 kg/ha and sowing can be done at a distance of 60-75 cm under light rainfall conditions.
Maize	The mature spring maize should be harvested.
Soyabean	Sowing of the crop can be done under light rainfall.

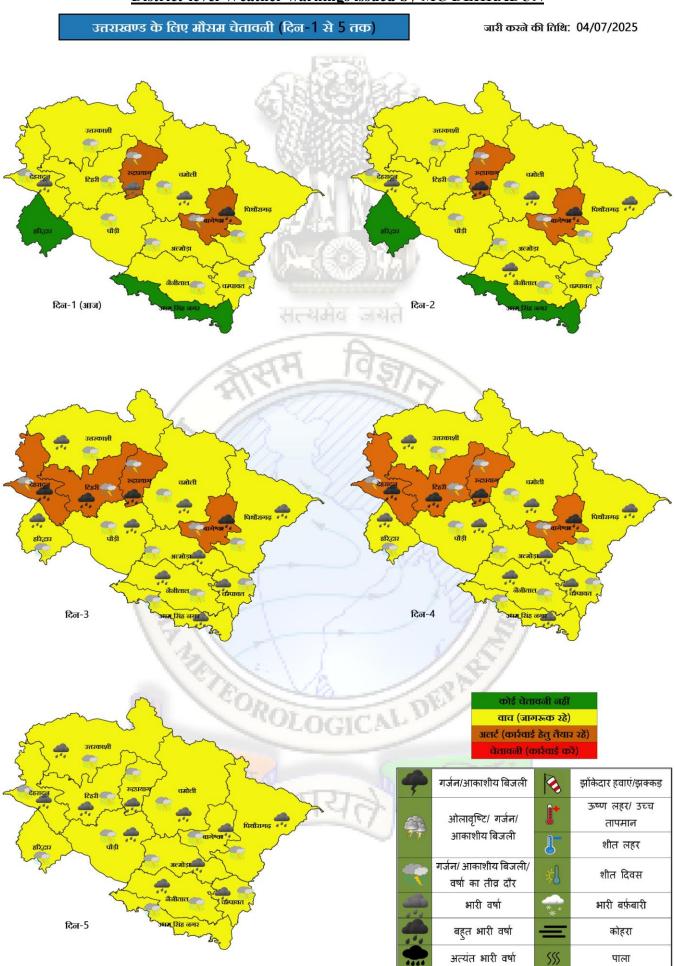
Horticulture	Horticulture Specific Advisory
Pumpkin/Other cucurbits	Mottled leaves if observed in the plant, plant should be separated from others. The harvested produce should be
	stored well to avoid spoilage.
Ladyfinger	After rainfall there are chances of occurrence of sucking pest so regular monitoring is required. Destroy the plants with yellow veins and control the sucking pest using Cyantraniliprole 10.26
	% OD. Harvest the mature crop and send for sale. Maintain moisture in the field.
Chilli	After rainfall, sucking insects become common in chilli so the chemical application is required to control these pests. Harvest the mature chilli and send immediately for sale.
Livestock	Live Stock Specific Advisory
Cow	Don't, leave the animals in open under thunderstorm/lightning and intense rainspell conditions. Provide proper shelter and don't let them get wet in the rains.
Buffalo	Don't, leave the animals in open under thunderstorm/lightning and intense rainspell conditions. Provide proper shelter and don't let them get wet in the rains.

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Crop	Crop Specific Advisory				
Rice	The transplanting operation can be postponed under heavy rainfall days.				
Pigeon pea/Red gram/Arhar	The regular weeding-hoeing operation in the field can be postponed.				
Kidney beans/Green gram/Black gram	Sowing operation can be postponed.				
Barnyard millet/Finger millet	The regular weeding-hoeing operations should be postponed.				
Maize/Soyabean	Regular weeding-hoeing operations and other farming operations should be postponed.				
Horticulture	Horticulture Specific Advisory				
Tomato	Shadenets/polynets should be used to protect the mature crops and plants. The mature fruits should be harvested and sent for sale immediately.				
French Bean	Harvest the ripened crop and process it for sale immediately.				
Potato	The crop should be stored well after harvesting to avoid spoilage.				
Peach/Plum	Proper protection should be provided to mature fruits using shadenets.				
Livestock	LiveStock Specific Advisory				
Cow	Don't, leave the animals in open under thunderstorm/lightning and intense rainspell conditions. Provide proper shelter and don't let them get wet in the rains.				
Buffalo	Don't, leave the animals in open under thunderstorm/lightning and intense rainspell conditions. Provide proper shelter and don't let them get wet in the rains.				

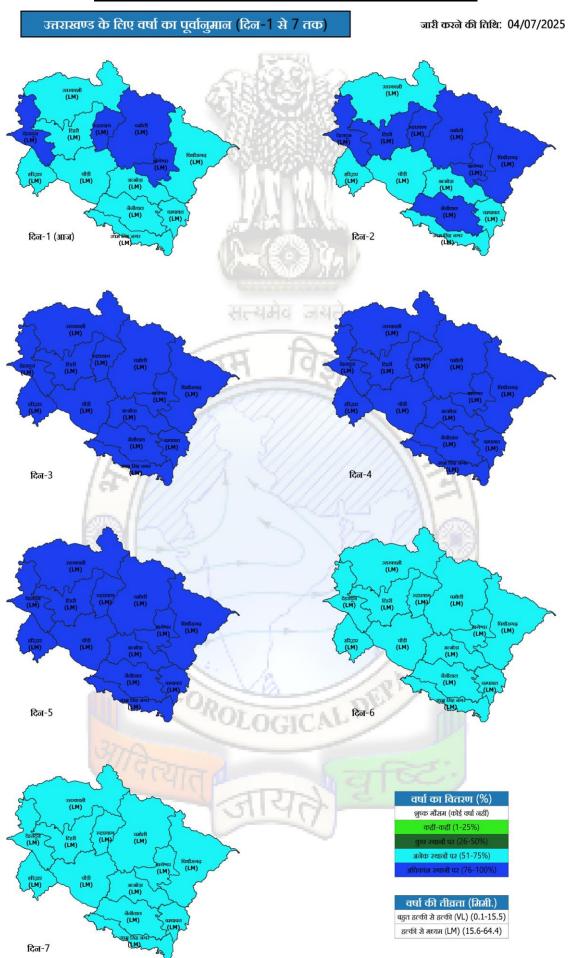
# NAINITAL

# 3. A.M.F.U. RANICHAURI (Hilly Region Of Uttarakhand)

CROP	Crop Specific Advisory				
SOYABEAN	Weeding should be done. Maintain proper drainage in the crop field				
RICE	Complete the transplanting. Strengthen the bunds in paddy fields.				
MAIZE	Water logging inhibits the growth of maize plants. So, maintain proper drainage in maize crop.				
ΤΟΜΑΤΟ	Harvest of mature fruits. Avoid water logging. Staking should be done				
APPLE	Plucking of ripened fruits of early varieties of apple. Cover fruit bearing plants by net to protect fruits by birds.				
MULBERRY	It is suitable time for planting of mulberry saplings. Remove the weeds around older plants				
LIVE STOCK	Live Stock Specific Advisory				
COW	Give calcium rich diet to the milking animals. Keep hygiene around the animal shelter. Provide proper amount of green and dry fodder in the diet				
GOAT	Maintenance of goats is not done properly in rain then may be pneumonia occurs. There is difficulty in breathing in pneumonia disease and this disease can be fatal. Contact a veterinarian if symptoms of pneumonia appear.				



#### **District-level Weather warnings issued by MC DEHRADUN**



#### **District Level Rainfall Weather Forecast for next 7 days**

## Annexure III

उत्तराखंड के लिए 5 दिनों की जनपद-स्तरीय मौसम चेतावनी / 5 days District Level Weather Warning <u>for Uttarakhand</u>

दिनांक/Date	मौसम चेतावनी	Weather Warning
	<ul> <li>राज्य के बागेश्वर जनपद में कहीं-कहीं भारी से बहुत भारी वर्षा / गर्जन के साथ आकाशीय बिजली चमकने / वर्षा के तीव्र से अति तीव्र दौर होने तथा रुद्रप्रयाग जनपद में कहीं-कहीं भारी वर्षा की संभावना है ।</li> </ul>	•Heavy to very heavy rain / Thunderstorm accompanied with Lightning / intense to very intense spell of rain is likely to occur at isolated places in Bageshwar district and Heavy rain at isolated places in Rudraprayag district of Uttarakhand.
04.07.2025	<ul> <li>राज्य के देहरादून तथा चमोली जनपदो में कहीं-कहीं भारी वर्षा / गर्जन के साथ आकाशीय बिजली चमकने / वर्षा के तीव्र से अति तीव्र दौर होने की संभावना है  </li> <li>राज्य के शेष पर्वतीय जनपदो में कहीं- कहीं गर्जन के साथ आकाशीय बिजली चमकने / वर्षा के तीव्र दौर होने की संभावना है  </li> </ul>	<ul> <li>Heavy rain / Thunderstorm accompanied with Lightning / intense to very intense spell of rain is likely to occur at isolated places in Dehradun and Chamoli districts of Uttarakhand.</li> <li>Thunderstorm accompanied with Lightning / intense spell of rain is likely to occur at isolated places in remaining hilly districts of Uttarakhand.</li> </ul>
05.07.2025	•राज्य के बागेश्वर एवं रुद्रप्रयाग जनपदों में कहीं-कहीं भारी से बहुत भारी वर्षा / गर्जन के साथ आकाशीय बिजली चमकने / वर्षा के तीव्र से अति तीव्र दौर होने की संभावना है	<ul> <li>Heavy to very heavy rain / Thunderstorm accompanied with Lightning / intense to very intense spell of rain is likely to occur at isolated places in Bageshwar and Rudraprayag districts of Uttarakhand.</li> </ul>
	•राज्य के देहरादून, चमोली, पिथौरागढ़ तथा नैनीताल जनपदो में कहीं-कहीं भारी वर्षा / गर्जन के साथ आकाशीय बिजली चमकने / वर्षा के तीव्र से अति तीव्र दौर होने की संभावना है	•Heavy rain / Thunderstorm accompanied with Lightning / intense to very intense spell of rain is likely to occur at isolated places in Dehradun, Chamoli, Pithoragarh and Nainital districts of Uttarakhand.
	•राज्य के शेष पर्वतीय जनपदो में कहीं- कहीं गर्जन के साथ आकाशीय बिजली चमकने / वर्षा के तीव्र दौर होने की	•Thunderstorm accompanied with Lightning / intense spell of rain is likely to occur at isolated places in

	संभावना है	remaining hilly districts of Uttarakhand.		
06.07.2025	•राज्य के देहरादून, रुद्रप्रयाग, टिहरी एवं बागेश्वर जनपदों में कहीं-कहीं भारी से बहुत भारी वर्षा / गर्जन के साथ आकाशीय बिजली चमकने / वर्षा के तीव्र से अति तीव्र दौर होने की संभावना है	से Thunderstorm accompanied with Lightning / intense to very intense थ spell of rain is likely to occur a के isolated places in Dehradun		
	•राज्य के शेष जनपदो में कहीं-कहीं भारी वर्षा / गर्जन के साथ आकाशीय बिजली चमकने / वर्षा के तीव्र से अति तीव्र दौर होने की संभावना है	•Heavy rain / Thunderstorm accompanied with Lightning / intense to very intense spell of rain is likely to occur at isolated places in remaining districts of Uttarakhand.		
07.07.2025	•राज्य के देहरादून, रुद्रप्रयाग, टिहरी एवं बागेश्वर जनपदों में कहीं-कहीं भारी से बहुत भारी वर्षा / गर्जन के साथ आकाशीय बिजली चमकने / वर्षा के तीव्र से अति तीव्र दौर होने की संभावना है	<ul> <li>Heavy to very heavy rain / Thunderstorm accompanied with Lightning / intense to very intense spell of rain is likely to occur at isolated places in Dehradun, Rudraprayag, Tehri and Bageshwar districts of Uttarakhand.</li> </ul>		
	•राज्य के शेष जनपदो में कहीं-कहीं भारी वर्षा / गर्जन के साथ आकाशीय बिजली चमकने / वर्षा के तीव्र से अति तीव्र दौर होने की संभावना है	•Heavy rain / Thunderstorm accompanied with Lightning / intense to very intense spell of rain is likely to occur at isolated places in remaining districts of Uttarakhand.		
08.07.2025	•राज्य के पर्वतीय जनपदो में कहीं-कहीं भारी वर्षा / गर्जन के साथ आकाशीय बिजली चमकने / वर्षा के तीव्र से अति तीव्र दौर होने की संभावना है	•Heavy rain / Thunderstorm accompanied with Lightning / intense to very intense spell of rain is likely to occur at isolated places in hilly districts of Uttarakhand.		
	•राज्य के मैदानी जनपदो में कहीं-कहीं गर्जन के साथ आकाशीय बिजली चमकने / वर्षा के तीव्र दौर होने की	•Thunderstorm accompanied with Lightning / intense spell of rain is likely to occur at isolated places in		

संभावना है	plain districts of Uttarakhand.					

# उत्तराखंड के लिए 7 दिनों का जनपद-स्तरीय मौसम पूर्वानुमान/7 days District-Level Weather Forecast

# <u>for Uttarakhand</u>

<b>दिनां</b> क/ Date	मौसम पूर्वानुमान	WEATHER FORECAST			
04.07.2025	उत्तराखंड राज्य के देहरादून, चमोली, रुद्रप्रयाग व बागेश्वर जनपदों के अधिकांश स्थानों में एवं शेष जनपदों के अनेक स्थानों में गरज-चमक के साथ हल्की से मध्यम वर्षा होने की संभावना है ।	Light to moderate rain / thunderstorm likely to occur at most places in Dehradun, Chamoli, Rudraprayag and Bageshwar districts and at many places in remaining districts of Uttarakhand.			
05.07.2025	उत्तराखंड राज्य के देहरादून, टिहरी, रुद्रप्रयाग, चमोली, नैनीताल, पिथौरागढ़ व बागेश्वर जनपदों के अधिकांश स्थानों में एवं शेष जनपदों के अनेक स्थानों में गरज-चमक के साथ हल्की से मध्यम वर्षा होने की संभावना है ।	Light to moderate rain / thunderstorm likely to occur at most places in Dehradun, Tehri, Rudraprayag, Chamoli, Nainital, Pithoragarh and Bageshwar districts and at many places in remaining districts of Uttarakhand.			
06.07.2025	उत्तराखंड राज्य के सभी जनपदों के अधिकांश स्थानों में गरज-चमक के साथ हल्की से मध्यम वर्षा होने की संभावना है ।	Light to moderate rain / thunderstorm likely to occur at most places in all districts of Uttarakhand.			
07.07.2025	उत्तराखंड राज्य के सभी जनपदों के अधिकांश स्थानों में गरज-चमक के साथ हल्की से मध्यम वर्षा होने की	Light to moderate rain / thunderstorm likely to occur at most places in all districts of Uttarakhand.			

	संभावना है	
08.07.2025	उत्तराखंड राज्य के सभी जनपदों के अधिकांश स्थानों में गरज-चमक के साथ हल्की से मध्यम वर्षा होने की संभावना है ।	Light to moderate rain / thunderstorm likely to occur at most places in all districts of Uttarakhand.
09.07.2025	उत्तराखंड राज्य के सभी जनपदों के अनेक स्थानों में गरज-चमक के साथ हल्की से मध्यम वर्षा होने की संभावना है	Light to moderate rain / thunderstorm likely to occur at many places in all districts of Uttarakhand.
10.07.2025	उत्तराखंड राज्य के सभी जनपदों के अनेक स्थानों में गरज-चमक के साथ हल्की से मध्यम वर्षा होने की संभावना है ।	Light to moderate rain / thunderstorm likely to occur at many places in all districts of Uttarakhand.

WARNING (TAKE ACTION)	WATCH (BE AWARE)
ALERT (BE PREPARED TO TAKE ACTION)	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 /	21-30
LIGHT RAIN / हल्की वर्षा	2.5- 15.5 mm	FEW PLACES / कुछ जगह	SCATTERED (BETWEEN 25- 50% AREA)	LIKELY	26 to 50%	तीव्र दौर	mm/hour
MODERATE RAIN / मध्यम वर्षा	15.6 – 64.4 mm	MANY PLACES / अनेक जगह	FAIRLY WIDE SPREAD	VERY LIKELY 51 to 75%	51 to 75%	VERY INTENSE SPELL /	31-50
HEAVY RAIN / भारी वर्षा	64.5- 115.5 mm		अनेक जगह (BETWEEN 50- 75% AREA)		51 (6 75)	अति तीव्र mm/hour दौर	
VERY HEAVY RAIN / बह्त भारी वर्षा	115.6- 204.4 mm	MOST PLACES / अधिकांश जगह	WIDE SPREAD	MOST	Above	EXTREME LY INTENSE	51-100
EXTREMELY HEAVY RAIN / अत्यंत भारी वर्षा	> 204.4 mm		(MORE THAN 75% AREA)	LIKELY	75%	SPELL / अत्यंत तीव्र दौर	mm/hour

- 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).
- > Forecast and Warning for a particular day is valid from 0830 hours IST of day till 0830 hours IST of next day.