



Special Press Release

Date: 17-10-2021

Sub: Wet spell over Uttarakhand from 17th to 19th October, 2021

Current meteorological analysis and Numerical Weather Prediction models indicate that a Western Disturbance as an upper air system in mid and upper tropospheric levels and strong south-easterly winds in lower to mid-tropospheric levels are very likely to affect North-west India from 17th to 19th October, 2021. Under its influence widespread to fairly widespread rain/ thundershowers activities very likely to occur over Uttarakhand from 17th October till 19th October with peak activity on 18th October, 2021:

Weather Forecast for Uttarakhand:

Regions	Sub-Regions	Districts	17 th October,2021	18 th October,2021	19 th October,2021
Garhwal Region	Upper Garhwal Region	Uttarkashi	Light to moderate rain/thundershowers very likely to occur at most places.	Light to moderate rain/thundershowers very likely to occur at most places.	Light to moderate rain/thundershowers very likely to occur at most places.
		Chamoli			
		Rudraprayag			
		Tehri			
	Lower Garhwal Region	Pauri	Light to moderate rain/thundershowers very likely to occur at most places.	Light to moderate rain/thundershowers very likely to occur at most places.	Light to moderate rain/thundershowers very likely to occur at most places.
		Dehradun			
Haridwar					
Kumaun Region	Upper Kumaun Region	Pithoragarh	Light to moderate rain/thundershowers very likely to occur at most places.	Light to moderate rain/thundershowers very likely to occur at most places.	Light to moderate rain/thundershowers very likely to occur at most places.
		Bageshwar			
		Almora			
	Lower Kumaun Region	Nainital	Light to moderate rain/thundershowers very likely to occur at most places.	Light to moderate rain/thundershowers very likely to occur at most places.	Light to moderate rain/thundershowers very likely to occur at most places.
		Champawat			
		US Nagar			
<u>Remarks</u>		Light to moderate snowfall likely to occur at isolated places in Pithoragarh, Bageshwar, Chamoli, Rudraprayag and Uttarkashi districts of Uttarakhand at places with height 3500 m & above on 18th & 19th October, 2021.			



Weather Warning for Uttarakhand:

17.10.2021	<ul style="list-style-type: none"> • Heavy to very heavy rainfall likely to occur at isolated places in hills of Uttarakhand and plains of Garhwal region of Uttarakhand. • Moderate Thunderstorm accompanied with lightning/ Hail and squall (60-70 KMPH gusting up to 80 KMPH) likely to occur at isolated places in Uttarakhand.
18.10.2021	<ul style="list-style-type: none"> • Heavy to very heavy rain likely to occur at isolated places in Haridwar and Udham Singh Nagar districts of Uttarakhand. • Heavy to very heavy rainfall likely to occur at many places with extremely heavy rainfall at isolated places in Uttarkashi, Chamoli, Rudraprayag, Pithoragarh, Bageshwar, Almora, Nainital, Champawat, Dehradun, Tehri and Pauri districts of Uttarakhand. • Moderate to severe thunderstorm accompanied with lightning/ Hail and squall (60-70 KMPH gusting up to 80 KMPH) likely to occur at a few places in Uttarakhand.
19.10.2021	<ul style="list-style-type: none"> • Heavy to very heavy rainfall likely to occur at isolated places in Uttarkashi, Chamoli, Rudraprayag and Pauri districts of Garhwal region and at a few places in districts of Kumaun region of Uttarakhand. • Thunderstorm accompanied with lightning/ Hail likely to occur at isolated places in hills of Uttarakhand.



District-level impact and advisory for severe weather:

DATE	WEATHER WARNING	IMPACT	SUGGESTED ACTIONS	DISTRICTS
17.10.2021	Isolated heavy to very heavy rainfall and Thunderstorm accompanied with Lightning/Hail & Squall(wind speed 60-70 KMPH gusting to 80 KMPH)	<ul style="list-style-type: none"> • Minor to medium landslides and rock falls at isolated places in vulnerable areas in hills. • Overflow of rivulets and streams at isolated places. • Minor to medium damages to kuccha houses and loose/unsecured structures due to squall. • Damage to livestock, crops, vehicles parked in open area due to hail. 	<ul style="list-style-type: none"> • Settlements/People residing near the rivulets/streams are to remain cautious. • People are advised to be cautious and take shelter during thunderstorm/ hailstorm activities and during squall in safe places/Pucca houses. Take measures for livestock safety. • People are advised to park their vehicles at safe places/sheltered parking. 	ALERT: <i>Uttarkashi, Chamoli, Rudraprayag, Pithoragarh, Bageshwar, Dehradun, Tehri, Nainital, Haridwar and Udham Singh Nagar.</i>

18.10.2021

Fairly widespread heavy to very heavy rainfall with extremely heavy rainfall at isolated places. and Thunderstorm accompanied with Lightning/Hail & Squall(wind speed 60-70 KMPH gusting to 80 KMPH)

- Minor to medium landslides and rock falls at isolated places in vulnerable areas.
- Blocking/washout of highways/link roads and bridges at a few places in hills.
- Overflow of rivulets and streams. Significant rise in water levels of major riviers.
- Minor to medium damages to kuccha houses and loose/unsecured structures due to squall.
- Uprooting of trees and breaking of branches.
- Damage to livestock, crops, vehicles parked in open area due to hail/squall.

- People residing in vulnerable areas prone to landslides are to remain alert.
- *People are advised to avoid travelling.*
- Settlements/People residing near the riviers/rivulets/streams and low lying areas and flood plains are to remain alert.
- People are advised to be cautious and take shelter during thunderstorm/ hailstorm activities and during squall in safe places/Pucca houses. Take measures for livestock safety.
- People are advised to park their vehicles at safe places/sheltered parking.
- Dam 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.
- *State government authorities are advised to take all necessary precautionary measures accordingly and control the movement of the people for their safety.*

TAKE ACTION:
Uttarkashi, Chamoli, Rudraprayag, Pithoragarh, Bageshwar, Nainital, Almora, Champawat, Dehradun, Tehri, Pauri, Haridwar, and Udham Singh Nagar.

19.10.2021	Heavy to very heavy rainfall/ Intense spells/ Thunderstorm/ Lightning/Hail	<ul style="list-style-type: none"> •Minor to medium landslides and rock falls at isolated places in vulnerable areas. •Blocking/washout of highways/link roads and bridges at a few places in hills. •Overflow of rivulets and streams. Significant rise in water levels of major riviers. •Minor to medium damages to kuccha houses and loose/unsecured structures due to squall. •Uprooting of trees and breaking of branches. •Damage to livestock, crops, vehicles parked in open area due to hail/squall. 	<ul style="list-style-type: none"> •People residing in vulnerable areas prone to landslides are to remain alert. •<i>People are advised to avoid travelling.</i> •Settlements/People residing near the riviers/rivulets/streams and low lying areas and flood plains are to remain alert. •People are advised to be cautious and take shelter during thunderstorm/hailstorm activities and during squall in safe places/Pucca houses. Take measures for livestock safety. •People are advised to park their vehicles at safe places/sheltered parking. • Dam 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. •<i>State government authorities are advised to take all necessary precautionary measures accordingly and control the movement of the people for their safety.</i> 	<p>TAKE ACTION: <i>Uttarkashi, Chamoli, Rudraprayag, Pauri, Pithoragarh, Bageshwar, Nainital, Almora, Champawat and Udham Singh Nagar.</i></p>
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Note: Kindly login to Met. Centre, Dehradun's Website (<https://mausam.imd.gov.in/dehradun>) for regular updates of forecasts and warnings.

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(बिक्रम सिंह)

हेड/वैज्ञानिक-‘एफ’

मौसम विज्ञान केंद्र, देहरादून