

Consolidated Agro-Meteorological Advisory for the farmers of Uttarakhand issued by Meteorological Centre, Dehradun with the cooperation of A.M.F.U. Ranichauri, Pantnagar and Roorkee valid from 08-03-2025 (08:30 IST) till 12-03-2025 (08:30 IST):

**PART –I: WEATHER INFORMATION**

Past weather from 28-02-2025 to 06-03-2025	Weather forecast valid from 08-03-2025 (08:30 IST) till 12-03-2025 (08:30 IST)
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**A.M.F.U. RANICHAURI (HILLY REGION OF UTTARAKHAND)**

During the week, sky conditions remained mainly clear to overcast sky. As per the meteorological data received from A.M.F.U. Ranichauri, Moderate Rain was recorded on 28 <sup>th</sup> Feb & 01 <sup>st</sup> March, 2025, Light to very light rain was recorded on 04 <sup>th</sup> & 05 <sup>th</sup> March, 2025; dry weather prevailed during rest of the period. Maximum temperature was between 6.8°C to 17.5°C. The minimum temperature was between 3.2°C to 5.5°C. Relative humidity was between 47% and 100%. Average wind speed was 2 to 5 km/hour.	<b><u>District Uttarkashi &amp; Chamoli:</u></b> Very Light to Light rain to occur at isolated places on 07 <sup>th</sup> , 10 <sup>th</sup> & 11 <sup>th</sup> March, 2025. Dry weather to prevail during rest of the period. <b><u>District Pithoragarh:</u></b> Very Light to Light rain to occur at isolated places on 07 <sup>th</sup> & 10 <sup>th</sup> March, 2025. Dry weather to prevail during rest of the period. <b><u>District Tehri, Rudraprayag, Bageshwar, Almora &amp; Champawat:</u></b> Dry weather likely to prevail during the period.
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**A.M.F.U-PANTNAGAR (UDHAM SINGH NAGAR AND PLAINS OF NAINITAL DISTRICTS)**

During the week, sky conditions remained mainly clear to overcast sky. As per the meteorological data of departmental observatory Pantnagar, Light rain was recorded on 28 <sup>th</sup> Feb & 01 <sup>st</sup> March, 2025, very light rain was recorded on 04 <sup>th</sup> March, 2025, dry weather prevailed during rest of the period. Maximum temperature was between 20.0 °C to 28.5°C and the departure from the normal was between -5.8°C and 1.5°C. The minimum temperature was between 7.4 °C to 15.8°C and departure from the normal was between -1.7 °C and 6.7°C. Relative humidity was between 41% and 92%. Average wind speed was between 2 km/hour to 18 km/hour.	<b><u>District Nainital &amp; U.S. Nagar:</u></b> Dry weather likely to prevail during the period.
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**A.M.F.U-ROORKEE (HARIDWAR, PLAINS OF DEHRADUN AND PAURI DISTRICTS)**

During the week, sky conditions remained mainly clear to overcast sky. As per the meteorological data of departmental observatory Dehradun, Moderate Rain was recorded on 28 <sup>th</sup> Feb & 01 <sup>st</sup> March, 2025, Very light rain was recorded on 04 <sup>th</sup> March, 2025; dry weather prevailed during rest of the period. Maximum temperature was between 19.2°C to 28.1°C and the departure from the normal was between -4.8°C and 2.6°C. The minimum temperature was between 8.9°C to 13.3°C and departure from the normal was between -2.4°C and 2.8°C. Relative humidity was between 45% and 98%. Average wind speed was between 0 km/hour to 4 km/hour.	<b><u>District Haridwar, Dehradun &amp; Pauri:</u></b> Dry weather likely to prevail during the period.
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नोट:-पर्वानुमान घटित होने की संभावना: Very likely (51-75%)

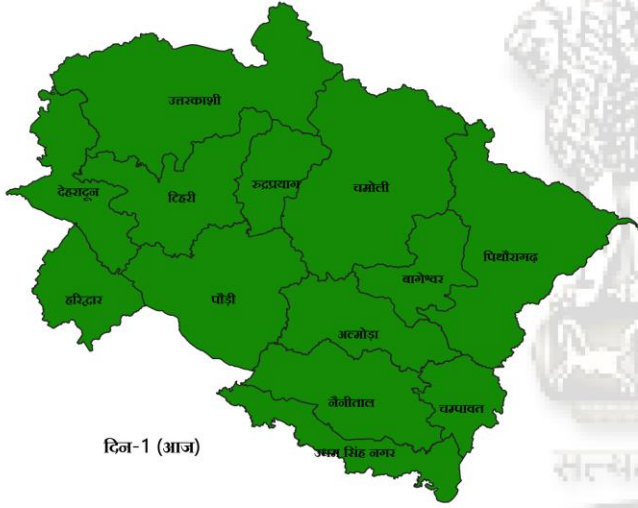
Outlook: Precipitation is likely to occur.

नोट: दिनांक 07.03.2025, 10.03.2025 व 11.03.2025 को राज्य के उपरोक्त जनपदों के 3200 मीटर व उससे अधिक उचाई वाले क्षेत्रों में हल्की बर्फबारी होने की संभावना है ।

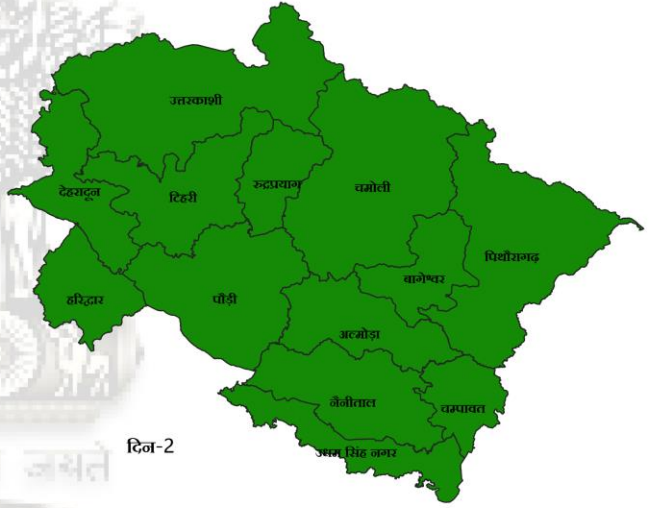
### Warning:

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

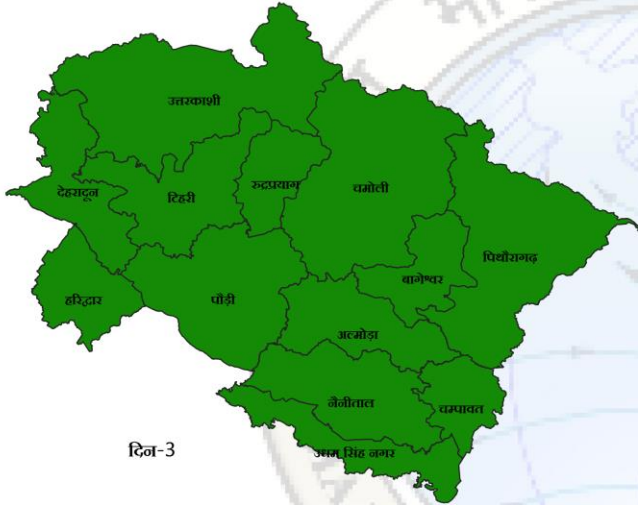
जनपद / Districts	07.03.2025	08.03.2025	09.03.2025	10.03.2025	11.03.2025
<u>उत्तरकाशी/</u> <u>Uttarkashi</u>	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।
<u>चमोली/</u> <u>Chamoli</u>	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।
<u>रुद्रप्रयाग/</u> <u>Rudraprayag</u>	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।
<u>टिहरी गढ़वाल/</u> <u>Tehri Garhwal</u>	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।
<u>देहरादून/</u> <u>Dehradun</u>	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।
<u>पौड़ी गढ़वाल/</u> <u>Pauri Garhwal</u>	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।
<u>पिथौरागढ़/</u> <u>Pithoragarh</u>	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।
<u>बागेश्वर/</u> <u>Bageshwar</u>	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	» कुछ नहीं ।	कुछ नहीं ।
<u>अल्मोड़ा/</u> <u>Almora</u>	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।
<u>चम्पावत/</u> <u>Champawat</u>	» कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।
<u>नैनीताल/</u> <u>Nainital</u>	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।
<u>उधमसिंह नगर/</u> <u>Udham Singh</u> <u>Nagar</u>	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।
<u>हरिद्वार/</u> <u>Haridwar</u>	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।	कुछ नहीं ।



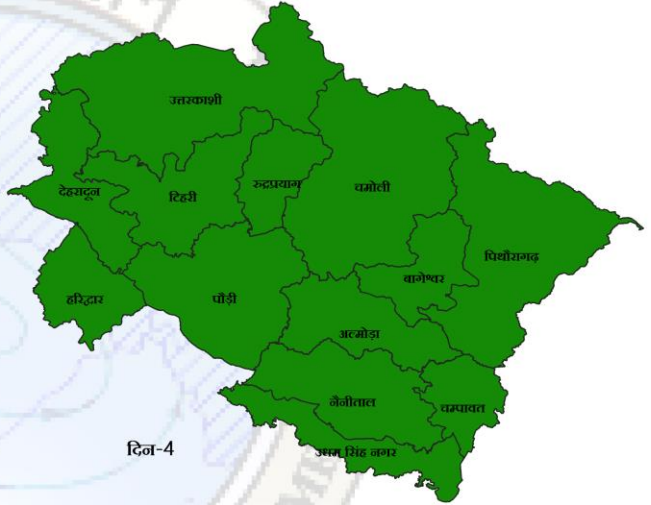
दिन-1 (आज)



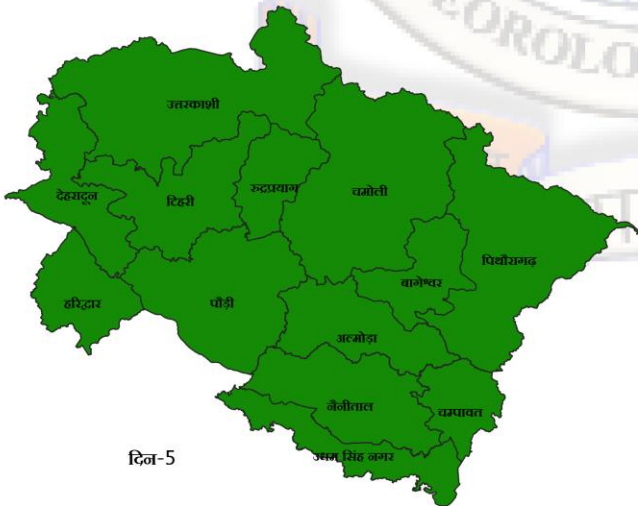
दिन-2



दिन-3



दिन-4



दिन-5

कोई चेतावनी नहीं

वाच (अपडेट रहें)

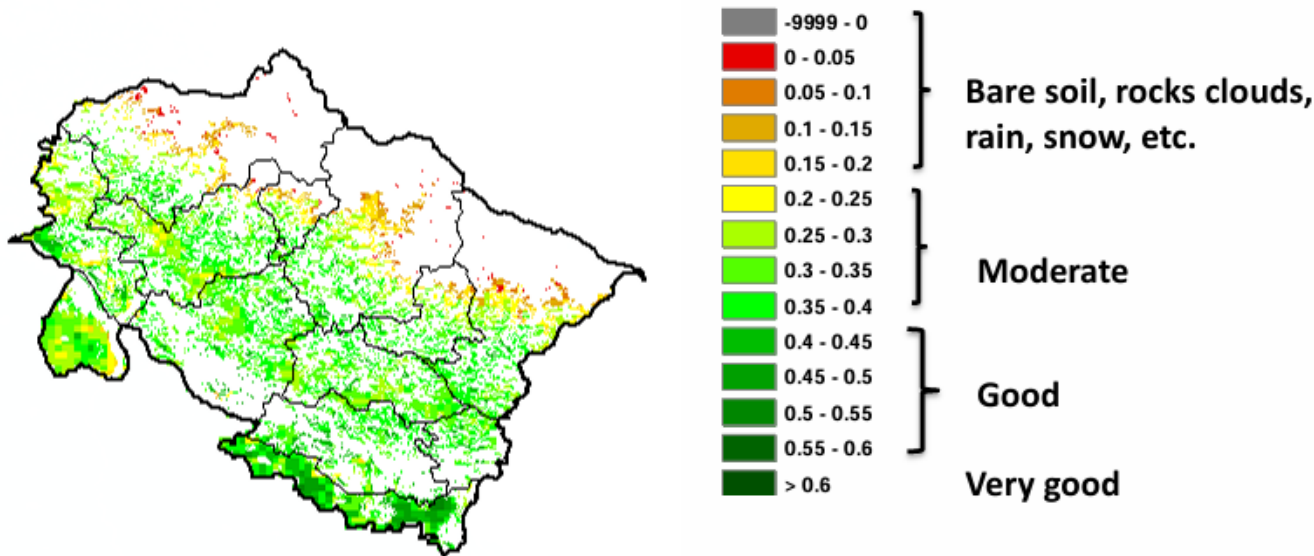
अलर्ट (तैयार रहें)

वॉर्निंग (कार्रवाई करें)

	गर्जन/आकाशीय बिजली		झोंकेदार हवाएं/झकड़
	ओलावृष्टि/ गर्जन/ आकाशीय बिजली		ऊष्ण लहर/ उच्च तापमान
	गर्जन/ आकाशीय बिजली/ वर्षा का तीव्र दौर		शीत लहर
	भारी वर्षा		शीत दिवस
	बहुत भारी वर्षा		भारी बर्फबारी
	अत्यंत भारी वर्षा		कोहरा
			पाला

**NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 8  
(19.02.2025 to 25.02.2025) over Agricultural region**

**Uttarakhand**



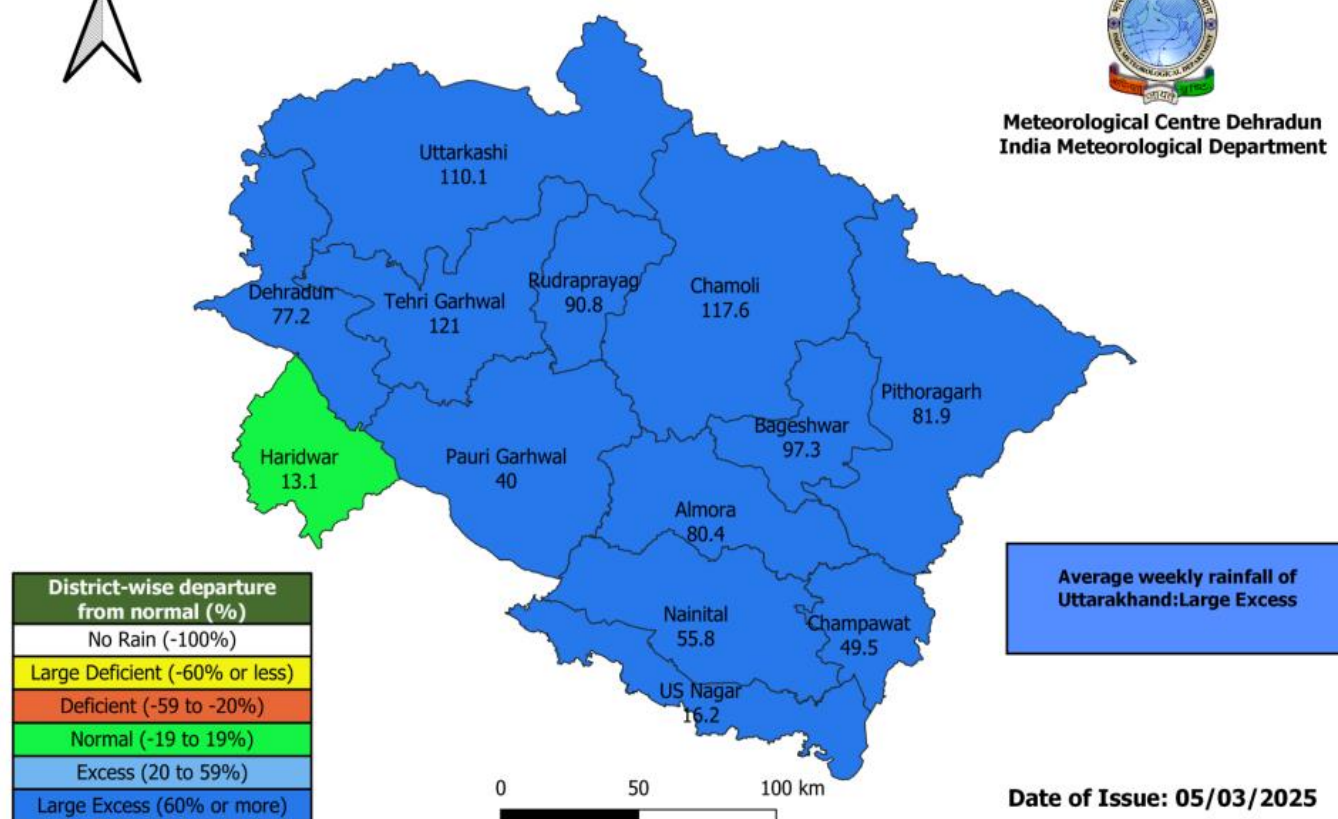
Agricultural vigour is good over isolated places of the state.

## District-wise weekly average rainfall (mm) in Uttarakhand

(From 0830 IST of 26-02-2025 to 0830 IST of 05-03-2025)



Meteorological Centre Dehradun  
India Meteorological Department



## EXTENDED RANGE RAINFALL REPORT (07<sup>th</sup> March, 2025 to 20<sup>th</sup> March, 2025)

	Rainfall	Tmax	Tmin
Week 1(07.03.2025 to 13.03.2025)	Deficient	Normal	Below Normal
Week 2( 14.03.2025 to 20.03.2025)	Normal	Normal	Below Normal

**PART-II: ZONAL AGRO-METEOROLOGICAL ADVISORY BASED ON THE ADVISORY ISSUED  
BY A.M.F.U. RANICHAURI, PANTNAGAR AND ROORKEE HILLY REGION:  
A.M.F.U. RANICHAURI**

Crops/Animal Husbandry	Crop stage	Agro-Meteorological Advisory
<b>GENERAL ADVICE</b>	-	<b><u>District Tehri:</u></b> Dry weather likely to prevail during the period. <b>Regularly monitor the crops against pest/disease infestation. If disease/pest observed in the crops, spray recommended doses of pesticides to control the infection. Harvest of mature vegetables. Presently temperate fruits are in initiation of flowering, farmers are advising that keep the bee boxes in the orchards for good pollination.</b>
<b>Finger Millet</b>	<b>Sowing</b>	In mid to high altitude regions; prepare field and sowing should be done. Apply FYM/fertilizers as per recommendation of Soil testing
<b>Wheat</b>	<b>Tillering/ Booting</b>	Remove weeds from crop fields and around to minimize pest and disease.
<b>Rapeseed</b>	<b>Grain filling/ Maturity</b>	Harvest of mature crop.
<b>Barnyard Millet</b>	<b>Sowing</b>	Prepare field and sowing of barnyard millet in mid to high hill regions
<b>Rice (Cheti dhan)</b>	-	Prepare field for sowing of rainfed rice (cheti dhan) in mid to high hill regions
<b>French bean</b>	<b>Sowing</b>	In low altitude areas, Prepare nursery of summer vegetables like capsicum, brinjal, chilli, cucurbits and cucumber etc may be done.
<b>Lemon</b>	<b>Flowering</b>	Proper nutrition (manure and fertilizers) should be given to the citrus plants to prevent flowers drop.
<b>Apple</b>	<b>Dormant</b>	Transplanting of new saplings and grafting work should be complete as possible
<b>Cow</b>	-	Provide additional balanced diet to female animals. Farmers are advised to protect his animals from the cold. Use dry fodder in standard quantities with green fodder for feeding.
<b>Goat/Sheep</b>	-	Get sheep/goats vaccinated to protect them against smallpox.

**A.M.F.U-PANTNAGAR (UDHAM SINGH NAGAR AND NAINITAL DISTRICT)**

Crops/Animal Husbandry	Crop stage	Agro-Meteorological Advisory
<b>GENERAL ADVICE</b>	-	<b><u>District Nainital &amp; U.S.Nagar:</u></b> Dry weather likely to prevail during the period. <b>Farmers are suggested to irrigate their crops as required and chemical spray against pests should also be done.</b>
<b>Chick Pea/ Lentil</b>	<b>Vegetative/ Flowering</b>  <b>Pod Formation</b>	<b><u>U.S.Nagar</u></b> Regular monitoring of the crop is important and irrigation application and chemical application should be done as required. <b><u>Nainital</u></b> The crop should be regularly monitored for pest attacks and the chemical spray against the attack should be scheduled accordingly. The irrigation should be applied as required in the field.
<b>Barley</b>	<b>Vegetative</b>	<b><u>U.S.Nagar</u></b> The irrigation and chemical application against pest/disease occurrence should not be done under cloudy and windy



		<p>conditions. The irrigation and chemical application should be scheduled under clear weather conditions.</p> <p><b><u>Nainital</u></b> The irrigation application should be delayed for the time being and applied on requirement only.</p>
<b>Fodder crops</b>	<b>Vegetative</b>	<p><b><u>U.S.Nagar</u></b> Sowing should be done. The sowing should be scheduled as per the forecast.</p>
<b>Wheat</b>	<b>Vegetative</b>	<p><b><u>Nainital</u></b> Irrigation should be applied as required and chemical spray should be scheduled for pest/insect attack in the field.</p> <p><b><u>U.S. Nagar</u></b> Irrigation should be applied as required and chemical spray should be scheduled for pest/insect attack in the field.</p>
<b>Sugarcane</b>	<b>Vegetative</b>	<p><b><u>U.S.Nagar</u></b> Sowing of spring sugarcane should be done and irrigation should be applied in autumn planted sugarcane as required.</p> <p><b><u>Nainital</u></b> In the plain region to get good yield, the new sugarcane crop should be cut and irrigation application along with hoeing-weeding operations should be carried out in the autumn sugarcane crop.</p>
<b>MUSTARD</b>	<b>Vegetative</b>	<p><b><u>U.S. Nagar</u></b> Regular monitoring of the crops is required as crop is maturing and the recommended fungicide application should not be done under cloudy and windy conditions. The fungicide spray and irrigation application should be scheduled under dry weather conditions.</p> <p><b><u>Nainital</u></b> Regular monitoring of the crops is required for pests and irrigation application should be done as per requirement. The mature pods should be harvested and stored well after drying.</p>
<b>Rapeseed (Lahi)/Rai/ Mustard</b>	<b>Vegetative/ flowering</b>  <b>50% Flowering</b>	<p><b><u>U.S. Nagar</u></b> Regular monitoring of the crops is required for pests and irrigation application should be done as per requirement. The mature pods should be harvested and stored well after drying.</p> <p><b><u>Nainital</u></b> The harvested produce should be stored well under the predicted conditions and any kind of applications should be scheduled on the dry weather days.</p>
<b>Tomato/ Chilli</b>	<b>Physiological Maturity</b>	<p><b><u>U.S.Nagar</u></b> Any kind of chemical or irrigation application should be done and harvested crop should be supplied to the market.</p>
<b>Brinjal</b>	<b>Transplanting</b>	<p><b><u>U.S.Nagar</u></b> Transplanting and irrigation application should be delayed under cloudy and windy conditions and transplanted seedlings should be protected against heavy rainfall, hailstorm, etc. using nets.</p>
<b>CARROT/ RADDISH</b>	<b>-</b>	<p><b><u>Nainital</u></b> Sowing of European varieties can be done in the hilly regions.</p>
<b>French Bean</b>	<b>Sowing</b>	<p><b><u>U.S.Nagar</u></b> The sowing of the crop should be completed and irrigation should be applied as required to the new germinated seedlings.</p> <p><b><u>Nainital</u></b> The sowing of the crop should be completed and irrigation should be applied as required to the new germinated seedlings.</p>

<b>Vegetable Pea</b>	-	<b><u>U.S.Nagar</u></b> Irrigation should be applied as required and appropriate pest control should be done. <b><u>Nainital</u></b> Irrigation should be applied as required and appropriate pest control should be done.
<b>Lemon</b>	-	<b><u>U.S.Nagar</u></b> Proper nutrition and irrigation should be given to the citrus plants to prevent flower drop. All the farming activities should be scheduled as per the forecast. <b><u>Nainital</u></b> Proper nutrition and irrigation should be given to the citrus plants to prevent flower drop.
<b>Fodder Maze</b>		<b><u>U.S.Nagar</u></b> Sowing of fodder maize should be done.
<b>CLUSTER BEAN/ GUAR</b>		<b><u>U.S.Nagar</u></b> Sowing operation should be done.
<b>Livestock</b>	<b>Cow/ Buffalo</b>	Take measures to control lice/lice, colonies and flies in animals. For adequate availability of green fodder, sow jowar, maize, etc.
	<b>Goat/Sheep</b>	Provide additional balanced diet to female and male sheep used for breeding. Get sheep/goats vaccinated to protect them against smallpox.

#### **A.M.F.U-ROORKEE (HARIDWAR, HILLY AREAS OF DEHRADUN AND PAURI DISTRICTS)**

<b>Crops/ Animal Husbandry</b>	<b>Crop stage</b>	<b>Agro-Meteorological Advisory</b>
<b>General Advice</b>	-	<b><u>District Haridwar:</u></b> Dry weather likely to prevail during the period. <b>Farmers are suggested to irrigate their crops as required and chemical spray against pests should also be done.</b>
<b>SUGARCANE</b>	-	Spring sugarcane can be sown till the end of March. Initially, sugarcane grows slowly, taking advantage of this, one line between two lines can be planted with a mixed crop of short duration crops like Vaishakhi, moong, black gram, cowpea, ladyfinger etc
<b>WHEAT</b>	-	Irrigate the crop as per requirement.
<b>MANGO</b>	-	Use methyl parathion to control mealybug, stem borer and mango hopper in mango orchards. Black tip disease in mango is caused by poisonous gas from brick kilns. Due to this, the fruits become deformed and ripen early, one end of which is black. To prevent the disease, spray Bordeaux mixture (4:4:50) or 0.3% copper oxychloride-70.
<b>Live Stock</b>	<b>GOAT</b>	Vaccinate goat/sheep against chicken pox disease.
	<b>COW</b>	• Provide green fodder with dry feeds to animals



(बिक्रम सिंह)  
हेड/वैज्ञानिक 'एफ'  
मौसम विज्ञान केंद्र, देहरादून

**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).

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