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Agromet advisory Bulletin

(Govt. of India)

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Year : 31

Bulletin: 35

Period: 7th to 11th May

Date: 6-05-2025

Past Weather: During last week weather remained variable. Heavy to Moderate rainfall of 66.8 mm was received from 2nd to 5th May, 2025 in the district. Maximum and minimum temperatures ranged between 29.0-31.4°C and 14.4-18.0°C and wind speed ranged from 3.6-4.2 kmph.

Weather Forecast for next 5 days (0830 hrs 7th to 11th May, 2025)

Date	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH morning (%)	RH evening (%)	Wind Speed (kmph)	Wind Direction (°)	Cloud Cover (Okta)
07-05-25	3	28	11	80	60	5.8	68	5
08-05-25	1	28	11	78	48	8.3	72	5
09-05-25	1	28	11	77	47	8.7	66	5
10-05-25	1	28	12	76	46	8.1	69	5
11-05-25	1	29	12	75	45	6.8	72	5

In the next five days, the weather will remain variable. Light to moderate rainfall is expected from 6th to 7th May, 2025 at many places and very light rainfall from 8th to 10th May at isolated places of the district. Maximum & minimum temperatures will range between 28.0-29.0°C and 11.0-12.0°C, respectively. Wind speed will range between 5.8-8.7 kmph in the north-east direction. Relative humidity will fluctuate between 45-80 percent.

District and Blocks	6 th	7 th	8 th	9 th	10 th
Shimla	Light to moderate rainfall at many places	Light to moderate rainfall at many places	Thunderstorm accompanied with lightning and strong surface winds likely at isolated places.	Thunderstorm accompanied with lightning and strong surface winds likely at isolated places.	Thunderstorm accompanied with lightning and strong surface winds likely at isolated places.
Solan	Light to moderate rainfall at many places	Light to moderate rainfall at many places	Light rainfall at isolated places	Light rainfall at isolated places	Light rainfall at isolated places
Bilaspur	Light to moderate rainfall at many places	Light to moderate rainfall at many places	Light rainfall at isolated places	Light rainfall at isolated places	Light rainfall at isolated places
Sirmour	Light to moderate rainfall at many places	Light to moderate rainfall at many places	Light rainfall at isolated places	Light rainfall at isolated places	Light rainfall at isolated places
Weather Warning					
	Thunderstorm accompanied with lightning, hail and strong surface winds likely at isolated places.	Thunderstorm accompanied with lightning and strong surface winds likely at isolated places.	NIL	NIL	NIL

Weather Warnings (Valid Till 08:30 IST of the next day):-

- ❖ There is the possibility of thunderstorms accompanied by lightning, hail, and strong surface winds on 6th and 7th May, 2025 at isolated places in the district.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories:-

- ❖ Hail and strong surface winds may results in flower and small fruit shredding and breaking of twigs in fruit trees. So therefore farmers are advised to cover their orchards with anti-hail nets. Farmers are also advised to **avoid the visit in open fields. Stay away from tall trees or other object.**

General Advisory:-

- ❖ Take precautions against thundering and lightning farmers are advised to **avoid the visit in open fields. Stay away from tall trees or other objects.**
- ❖ Farmers are advised to withhold the application of irrigation in all the crops.
- ❖ Transplanting and direct sowing of summer vegetables should be delayed till weather clears up.
- ❖ Make proper arrangement to collect, store the rain water.
- ❖ Make proper drainage channels in their fields to avoid water stagnation
- ❖ Do not tie the animals outdoor during thunderstorm and lightning.

SMS Advisory:-

- ❖ Use **MEGHDOOT** app for acquiring information regarding agromet advisory in the local language.

Main Crops	Crop Stage	Crop Advisory
Vegetables/fruits		
Stone fruits (Plum, Apricot)	Fruit development stage	❖ Provide protection to stone fruits with anti-hail nets to protect the fruit trees against hailstorm.
Apple	Flowering	❖ Farmers are advised to cover their orchards with anti-hail nets. ❖ Spray 100 gm Carbendazim or 600 gm Mancozeb in 200lt of water immediately after hail. ❖ Spray 200 gm Boric acid + 500 gm Zinc sulphate + 250 gm quick lime in 200 L of water within 3-4 days of hailstorm.
Okra, Cucumber, Pumpkin, French beans	Vegetative	❖ Vegetable nursery plants should be thatched with grass to protect from the rains and hailstorms. ❖ Farmers are advised to make proper drainage channels in the field.
Tomato, Capsicum & Brinjal	Vegetative	❖ Farmers are advised to provide proper support to tomato plants such as staking, at an early growth stage to prevent lodging, enhance air circulation, and improve fruit yield and quality. ❖ Farmers are advised to make proper drainage channels in the field. ❖ In view of hailstorms and rainfall, farmers are advised to do the stacking.
Garlic	Bulb maturity/harvesting	❖ Farmers are advised to make proper drainage channels in the field. ❖ Crop should be harvested after attaining 50% of neck fall after the receipt of rainfall.
Natural farming	-	❖ Farmers doing natural farming can control insect-pest attack by spraying Agniastra, Brahmastra and Neemastra and dashparni ark at weekly interval @3.0 per cent and Jeevaamrit @ 10.0 percent at regular interval during the clear weather condition.
Livestock		❖ Prepare balanced concentrate ration by using 40% cereal, 30% oil cake, 27% wheat bran, 2% mineral mixture and 1% salt.

Phenological Stages of crop

Districts	Crops				
	Stone fruits (Apricot, plum)	Apple	Okra, Pumpkin, French beans	Tomato Capsicum Brinjal	Onion/Garlic
Shimla	FD	FF	S/V	V	BM
Sirmour	FD	FF	S/V	V	BM
Bilaspur	FD	FF	S/V	V	BM
Solan	FD	FSF	S/V	V	BM

S: Sowing, V: Vegetative, FF: Fruit formation FD: Fruit Development, BM: Bulb maturity

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