



## GRAMIN KRISHI MAUSAM SEVA

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**Agromet advisory Bulletin**  
**(Govt. of India)**

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**Year : 31**

**Bulletin: 38**

**Period: 17<sup>th</sup> to 21<sup>st</sup> May**

**Date: 16-05-2025**

**Past Weather:** During last week weather remained variable. Heavy to Moderate rainfall of 66.8 mm was received from 2<sup>nd</sup> to 5<sup>th</sup> 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 17<sup>th</sup> to 21<sup>st</sup> May, 2025)

Date	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH morning (%)	RH evening (%)	Wind Speed (kmph)	Wind Direction (°)	Cloud Cover (Okta)
17-05-25	1	33	16	60	40	10.4	76	5
18-05-25	0	34	18	58	38	9.3	77	1
19-05-25	0	34	18	57	37	8.8	81	1
20-05-25	5	30	17	64	44	6.9	81	7
21-05-25	0	30	17	57	37	8.6	360	1

In the next five days, the weather will remain variable. Light to moderate rainfall is expected on 16<sup>th</sup> and 19<sup>th</sup> May, 2025 in the district. Maximum & minimum temperatures will range between 30.0-34.0°C and 16.0-18.0°C, respectively. Wind speed will range between 6.9-10.4 kmph in the north-east direction. Relative humidity will fluctuate between 37-64 percent.

District and Blocks	16 <sup>th</sup>	17 <sup>th</sup>	18 <sup>th</sup>	19 <sup>th</sup>	20 <sup>th</sup>
Shimla	Light rainfall at isolated places	Clear and dry weather	Clear and dry weather	Light to moderate rainfall at many places	Clear and dry weather
Solan	Light rainfall at isolated places	Clear and dry weather	Clear and dry weather	Light to moderate rainfall at many places	Clear and dry weather
Bilaspur	Light rainfall at isolated places	Clear and dry weather	Clear and dry weather	Light to moderate rainfall at many places	Clear and dry weather
Sirmour	Light rainfall at isolated places	Clear and dry weather	Clear and dry weather	Light to moderate rainfall at many places	Clear and dry weather
<b>Weather Warning</b>					
	NIL	NIL	NIL	Thunderstorm accompanied with lightning, hail and gusty winds likely at isolated places.	NIL

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

- ❖ Thunderstorm accompanied with lightening, hail and gusty winds on 19<sup>th</sup> May at isolated places in the Solan district.

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

- ❖ Hail and gusty winds may results in small fruit shredding and breaking of twigs in fruit trees. So therefore farmers are advised to cover their orchards with anti-hail nets.
- ❖ Hail may damage nursery plants of vegetable crops; hence, farmers are advised to protect them by installing nets at a height of 1-2 feet above the field.

#### 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 and fertilizers 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 lightening.

#### SMS Advisory:-

- ❖ Farmers are advised to adopt pre and post- hailstorm management strategies to minimize crop damage and follow weather advisory also at **Meghdoot app**.

Main Crops	Crop Stage	Crop Advisory
<b>Vegetables/fruits</b>		
<b>Stone fruits (Plum, Apricot)</b>	<b>Fruit maturity/Harvesting</b>	❖ There is hailstorm and gusty winds forecast for 19 <sup>th</sup> may 2025, if fruits are near to full maturity farmers are advised to prepone harvest to minimize losses.
<b>Apple</b>	<b>Fruit formation stage</b>	❖ Farmers who have not yet installed anti-hail nets in apple orchards are advised to do so at the earliest to protect the crop from potential hail damage. ❖ 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.
<b>Okra, Cucumber, Pumpkin, French beans</b>	<b>Sowing/Vegetative</b>	❖ Vegetable nursery plants should be covered with nets in their fields at 1-2 feet height to protect them from hailstorms. ❖ Farmers are advised to make proper drainage channels in the field.
<b>Tomato, Capsicum &amp; Brinjal</b>	<b>Vegetative</b>	❖ Farmers are advised to provide timely support to tomato plants through staking or other suitable methods during the early growth stage to prevent lodging, enhance air circulation, and improve both fruit yield and quality. ❖ To avoid water stagnation, farmers are advised to prepare proper drainage channels in the field. ❖ In light of potential hailstorms, farmers are advised to protect their crops by covering them with nets installed at a height of 1–2 feet above the crop. ❖ For crops at 30–40 days after sowing, farmers are advised to remove lower leaves up to 10–15 cm from ground level to reduce the risk of soil-borne diseases.
<b>Natural farming</b>	-	❖ 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.
<b>Livestock</b>		❖ Prepare balanced concentrate ration by using 40% cereal, 30% oil cake, 27% wheat bran, 2% mineral mixture and 1% salt. ❖ Do not tie the animals outdoor during thunderstorm and lightening.

### Phenological Stages of crop

Districts	Crops				
	Stone fruits (Apricot, plum)	Apple	Okra, Pumpkin, French beans	Tomato Capsicum Brinjal	Onion/Garlic
Shimla	FM/H	FD	S/V	V	H
Sirmour	FM/H	FD	S/V	V	H
Bilaspur	-	-	V	F	H
Solan	FM/H	FD	S/V	V	H

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

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