



## GRAMIN KRISHI MAUSAM SEVA

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Agromet advisory Bulletin  
(Govt. of India)

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Bulletin: 55

Period: 19<sup>th</sup> to 23<sup>rd</sup> July

Date: 18-07-2025

**Past Weather:** During last week weather remained variable. Light rainfall of 13.4 mm was received from 15<sup>th</sup> to 17<sup>th</sup> July in the district. Maximum and minimum temperatures ranged between 25.0-29.5°C and 19.6-20.6°C and wind speed ranged from 1.6-2.7 kmph and relative humidity ranged between 76-95%.

### Weather Forecast for next 5 days (0830 hrs 19<sup>th</sup> to 23<sup>rd</sup> July, 2025)

Date	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH morning (%)	RH evening (%)	Wind Speed (kmph)	Wind Direction (°)	Cloud Cover (Okta)
19-07-25	6	25	20	90	80	3.4	72	7
20-07-25	4	29	21	85	75	2.9	83	7
21-07-25	15	29	21	91	81	1.8	360	8
22-07-25	40	28	20	94	84	4.6	135	8
23-07-25	25	28	20	92	82	1.3	146	8

In the next five days, the weather will remain variable. Light to Moderate rainfall is expected from 19<sup>th</sup> to 22<sup>nd</sup> July, 2025 at many places of the district. Maximum & minimum temperatures will range between 25.0-29.0°C and 20.0-21.0°C, respectively. Wind speed will range between 1.3-4.6 kmph in the north-east direction. Relative humidity will fluctuate between 75-94 percent.

Districts	18 <sup>th</sup>	19 <sup>th</sup>	20 <sup>th</sup>	21 <sup>st</sup>	22 <sup>nd</sup>
Shimla	Light to Moderate rainfall at many places	Light to Moderate rainfall at many places	Light to Moderate rainfall at many places	Light to Moderate rainfall at most of the places	Light to Moderate rainfall at many places
Solan	Light to Moderate rainfall at many places	Light to Moderate rainfall at many places	Light to Moderate rainfall at many places	Light to Moderate rainfall at most of the places	Light to Moderate rainfall at many places
Bilaspur	Light to Moderate rainfall at many places	Light to Moderate rainfall at many places	Light to Moderate rainfall at many places	Light to Moderate rainfall at most of the places	Light to Moderate rainfall at many places
Sirmour	Light to Moderate rainfall at many places	Light to Moderate rainfall at many places	Light to Moderate rainfall at many places	Light to Moderate rainfall at most of the places	Light to Moderate rainfall at many places
Weather Warning					
	NIL	NIL	Heavy rain at isolated places	Heavy to very heavy rainfall at isolated places	Heavy to very heavy rainfall at isolated places

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

- ❖ Heavy rainfall is expected on 20<sup>th</sup> July, 2025 and heavy to very heavy rainfall is expected on 21<sup>st</sup> and 22<sup>nd</sup> July, 2025 at isolated places in the district.

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

- ❖ Increase in humidity and prolonged wetness create ideal conditions for the proliferation of fungal and bacterial diseases. This includes root rots, blight, and leaf spots. Therefore, farmers are advised to make proper drainage channels in the field. Proper staking of plants. Remove the infected plants/plant parts from the fields.

### General Advisory:-

- ❖ Farmers are advised to stay away from rivers, streams, and low-lying areas during heavy rainfall, as water levels may rise suddenly
- ❖ Make proper arrangement for diversion of excess water through proper drainage channels and grassed waterways to reduce the risk of landslides/slip.
- ❖ Improve the air circulation by removing the weeds and bushes on the bunds from the fields.
- ❖ Remove infested fruits and shoots to check the spread of the disease.
- ❖ Right time to undertake plantation work.

### SMS Advisory:-

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

Main Crops	Crop Stage	Crop Advisory
<b>Vegetables/fruits</b>		
<b>Apple</b>	<b>Fruit development stage</b>	<ul style="list-style-type: none"> <li>❖ Farmers should monitor apple crops for scab and alternaria leaf spot infection as relative humidity has increased in the range of 75-95%.</li> <li>❖ In view of persistent overcast skies and high humidity, avoid spraying. Improve air circulation by making orchards free from weeds and bushes.</li> </ul>
<b>Cucumber</b>	<b>Fruit formation/maturity</b>	<ul style="list-style-type: none"> <li>❖ Farmers are advised to provide support to the vines and make proper drainage channels in the fields.</li> <li>❖ Fruits must be protected from direct contact with soil.</li> </ul>
<b>Tomato &amp; Brinjal</b>	<b>Fruit formation/maturity</b>	<ul style="list-style-type: none"> <li>❖ Timely harvesting of mature fruits.</li> <li>❖ Farmers are advised to remove lower leaves up to 10–15 cm from ground level to reduce the risk of soil-borne diseases.</li> <li>❖ Farmers are advised to make proper drainage channels in the field.</li> <li>❖ Monitor the crop against Buckeye rot and blight and if observed remove the infected plants/plant parts immediately from the fields and bury them.</li> <li>❖ Fruits must be protected from direct contact with soil.</li> <li>❖ To control shoot and fruit borer, regular hand picking of infested fruits and their proper disposal.</li> </ul>
<b>Capsicum</b>	<b>Fruit formation/Fruit maturity</b>	<ul style="list-style-type: none"> <li>❖ Timely harvesting of mature fruits.</li> <li>❖ Monitor the crop against Cercospora leaf spot (Reddish-brown margin with white center).</li> <li>❖ Proper drainage and remove and destroy infected leaves to prevent further spread in the fields.</li> </ul>
<b>Forestry</b>	<b>Plantation</b>	<ul style="list-style-type: none"> <li>❖ Weather and soil conditions are conducive for undertaking plantation of trees.</li> </ul>
<b>Natural farming</b>	-	<ul style="list-style-type: none"> <li>❖ Use organic mulch (dry leaves) around plants to retain soil moisture and control weeds. Mulch also slow down the surface runoff.</li> <li>❖ 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.</li> </ul>
<b>Livestock</b>	-	<ul style="list-style-type: none"> <li>❖ Farmers are advised to vaccinate the animals to protect them from disease outbreaks such as Foot &amp; Mouth Disease (FMD), and Black Quarter (B.Q.) that are likely to occur during the monsoon season.</li> </ul>

Districts	Apple	Cucumber	Tomato, Capsicum,
<b>Bilaspur</b>	-	Maturity/Harvesting	Fruit maturity/Harvesting
<b>Sirmour</b>	Fruit development	Fruit formation/maturity	Fruit formation/maturity
<b>Solan</b>	Fruit development	Fruit formation/maturity	Fruit formation/maturity
<b>Shimla</b>	Fruit development	Fruit formation	Fruit formation/maturity

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