



## GRAMIN KRISHI MAUSAM SEVA

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

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**Bulletin: 54**

**Period: 10<sup>th</sup> to 14<sup>th</sup> July**

**Date: 9-07-2024**

**Past Weather:** During last week weather remained variable. Light rainfall of 8.8 mm received from 5<sup>th</sup> to 8<sup>th</sup> July, 2024 in Solan district. Maximum and minimum temperatures ranged between 28.0-29.2°C and 20.2-21.5°C and wind speed ranged from 3.8-5.0 kmph in north-east direction.

### Weather Forecast for next 5 days (0830 hrs 10<sup>th</sup> to 14<sup>th</sup> July, 2024)

Date	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH morning (%)	RH evening (%)	Wind Speed (kmph)	Wind Direction (°)	Cloud Cover (Okta)
10-07-24	3	29	21	93	65	8	350	4
11-07-24	1	29	21	91	60	8	351	4
12-07-24	10	28	21	99	80	5	184	7
13-07-24	7	28	20	96	75	6	225	5
14-07-24	10	28	20	99	80	6	175	7

In the next five days, the weather will remain variable. Light to Moderate rainfall is expected from 11<sup>th</sup> to 13<sup>th</sup> July, 2024 at many places of the district. Maximum & minimum temperatures will range between 28.0-29.0°C and 20.0-21.0°C, respectively. Wind speed will range between 5.0-8.0 kmph in the north-west direction. Relative humidity will fluctuate between 60-99 percent.

District and Blocks	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>	13 <sup>th</sup>
Shimla	Light Rain at few places	Light Rain at few places	Moderate to heavy rainfall at many places	Moderate to heavy rainfall at many places	Light Rain at few places
Solan	Light Rain at few places	Light Rain at few places	Moderate to heavy rainfall at many places	Moderate to heavy rainfall at many places	Light Rain at few places
Bilaspur	Light Rain at few places	Light Rain at few places	Moderate to heavy rainfall at many places	Moderate to heavy rainfall at many places	Light Rain at few places
Sirmaur	Light Rain at few places	Light Rain at few places	Moderate to heavy rainfall at many places	Moderate to heavy rainfall at many places	Light Rain at few places
Dharampur	Light Rain at few places	Light Rain at few places	Moderate to heavy rainfall at many places	Moderate to heavy rainfall at many places	Light Rain at few places
Kandaghat	Light Rain at few places	Light Rain at few places	Moderate to heavy rainfall at many places	Moderate to heavy rainfall at many places	Light Rain at few places
Kunihar	Light Rain at few places	Light Rain at few places	Moderate to heavy rainfall at many places	Moderate to heavy rainfall at many places	Light Rain at few places
Nalagarh	Light Rain at few places	Light Rain at few places	Moderate to heavy rainfall at many places	Moderate to heavy rainfall at many places	Light Rain at few places
Solan	Light Rain at few places	Light Rain at few places	Moderate to heavy rainfall at many places	Moderate to heavy rainfall at many places	Light Rain at few places
Weather Warning					
	Thunderstorm with lightning at isolated places	Thunderstorm & lightning at isolated places	Heavy rain with thunderstorm & lightning at isolated places	Heavy rain with thunderstorm & lightning at isolated places	Thunderstorm & lightning at isolated places

### 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.**
- ❖ Keep the basins of fruit trees free of weeds.
- ❖ Farmers are advised to regularly monitor the vegetable crops against the attack of insect/diseases.
- ❖ Follow crop base agro advisory regularly.
- ❖ Apply plant protection measures during clear weather.
- ❖ Use **MEGHDOOT** app for acquiring information regarding agromet advisory in the local language.

### SMS Advisory:-

- ❖ Postpone the irrigation activity in the fields due to chances of rainfall in the next 2-3 days.

<b>Main Crops</b>	<b>Crop Stage</b>	<b>Crop Advisory</b>
<b>Vegetables/fruits</b>		
<b>Apple</b>	<b>Fruit maturity</b>	<ul style="list-style-type: none"> <li>❖ The fruit trees should be monitored continuously to prevent the attack of apple scab disease incidence may occur due to increase in relative humidity and continuous rains in present weather condition.</li> <li>❖ Collect and disperse the fallen leaves and fruits by burning and burying them.</li> <li>❖ To improve air movement in the orchards farmers are advised, to avoid overcrowding and keep trees well pruned. An open canopy will improve the light penetration.</li> <li>❖ Farmers can do spray application as recommended in package of practices as per their need when sky remains clear.</li> </ul>
<b>Tomato</b>	<b>Fruit maturity/Harvesting</b>	<ul style="list-style-type: none"> <li>❖ Make proper drainage channels in the fields.</li> <li>❖ Keep the plants upright with support and do not let the leaves remain in the lower part of 20 cm of plant. Avoid direct contact of fruit with soil to prevent them from spoiling.</li> <li>❖ Timely harvest the matured fruit in order to avoid spoilage.</li> </ul>
Okra/ Cucurbits (cucumbr, pumpkin, bitter gourd, bottle gourd, sponge gourd)	<b>Fruit maturity</b>	<ul style="list-style-type: none"> <li>❖ Thinning for plants is recommended for proper spacing.</li> <li>❖ Ensure staking with string to avoid losses from heavy rain.</li> <li>❖ Regular hand picking of infested fruits and shoots and their proper disposal is very important. Postpone chemical control due to chances of rainfall.</li> </ul>
<b>Paddy</b>	<b>Transplanting</b>	<ul style="list-style-type: none"> <li>❖ Postpone irrigation due to chances of rainfall.</li> <li>❖ Do-not allow transplanted seedlings to submerge in rain water for more than 2 days, it will cause yellowing of plant and eventually death after 10-12 days. Drain out excess rain water from fields.</li> </ul>
<b>Maize</b>	<b>Germination/sowing</b>	<ul style="list-style-type: none"> <li>❖ Do not allow excess rain water to stagnate in fields. Farmers who are left with the sowing of maize is recommended to do the sowing activity during clear weather at vattar condition of soil.</li> </ul>
<b>Natural farming</b>	-	<ul style="list-style-type: none"> <li>❖ Farmers are advised to spread a layer of mulch around all the crops. This will slowdown the rain water to penetrate and helps prevent soil and root damage during moderate to heavy rainfall.</li> </ul>
<b>Livestock</b>	-	<ul style="list-style-type: none"> <li>❖ Care should be taken to avoid water stagnation around the cattle shed and also avoid wetness inside the cattle shed.</li> <li>❖ Sowing of Bajra, Maize &amp; Jowar for fodder purposes</li> <li>❖ Maintain proper hygiene in sheds.</li> <li>❖ Provide adequate amount of fresh cool and clean drinking water.</li> <li>❖ Plant shady trees around the cattle shed.</li> <li>❖ Give vaccination against FMD.</li> </ul>