

# All India Coordinated Research Project on Agrometeorology (AICRPAM)

ICAR-Central Research Institute for Dryland Agriculture,  
Hyderabad, Telangana – 500059

## Weather conditions and Agromet advisories issued during November 2022

### 1. General Weather Conditions

During 01 October - 30 November 2022, the country as a whole received 129.6 mm rainfall, which is 23% excess, compared to the normal rainfall (105.1 mm) for the same period. Out of 36 meteorological sub-divisions, rainfall was large excess, excess, normal, deficient and large deficient in 08, 11, 11, 04 and 02 sub-division(s), respectively as depicted in Fig. 1.

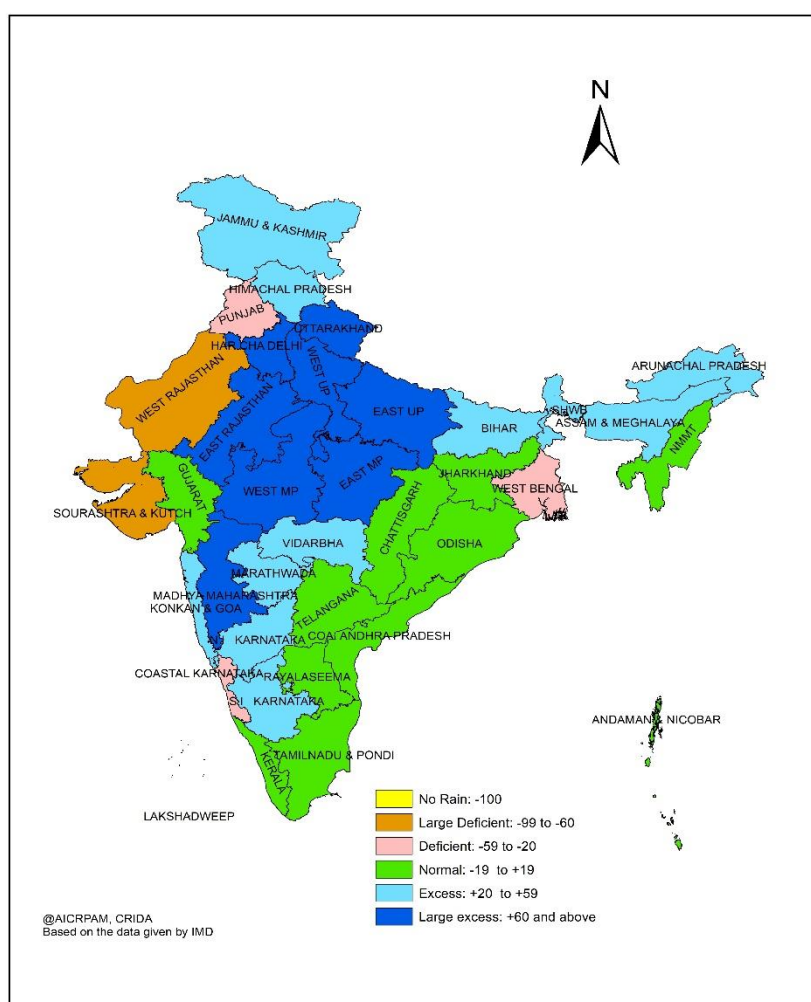


Fig. 1: Seasonal rainfall status (01 October - 30 November 2022) in 36 meteorological sub-divisions, India

## 2. Agromet advisories issued by AICRPAM centers during November 2022

Date of issue	Advisory issued for the region	Agromet Advisory issued
04-11-2022	Western Uttar Pradesh	<ul style="list-style-type: none"> <li>Under sufficient moisture condition, farmers are advised for the sowing of potato with recommended varieties like <i>Kufri Jyoti</i>, <i>Kufri Bahar</i>, <i>Kufri Sheetman</i>, <i>Kufri Pukhraj</i> and <i>Kufri Chipsona-1</i>.</li> </ul>
	Eastern Uttar Pradesh	<ul style="list-style-type: none"> <li>Under prevailing weather condition, transplanting of mature seedlings of cauliflower, cabbage, broccoli and tomato on raised bed is advised.</li> </ul>
	Kerala	<ul style="list-style-type: none"> <li>As high temperature is prevailing, sucking pests like thrips, aphids and whiteflies might increase in cowpea. For management, it is advised to spray 2% neem oil garlic emulsion on the leaves at two weeks interval.</li> </ul>
	Anantapur	<ul style="list-style-type: none"> <li>Utilizing the available soil moisture, farmers are advised to take up sowings of Bengal gram in black soils of Ananthapuramu, Kurnool, Guntur, Kadapa and Nellore districts. Recommended high yielding varieties viz., <i>NBeG-3</i>, <i>NBeG- 452</i>, <i>NBeG- 119</i>, <i>JG- 11</i>, <i>NBeG -49</i>, <i>NBeG-47</i> is recommended.</li> </ul>
11-11-2022	Assam	<ul style="list-style-type: none"> <li>Under prevailing weather condition, it is advised to complete nursery sowing of late maturing cauliflower varieties like <i>Snowball-16</i>, <i>Pusa Snowball</i>, <i>K-1</i> and <i>Hisar-1</i>.</li> </ul>
	Tamil Nadu	<ul style="list-style-type: none"> <li>Prevailing weather condition is favorable for shoot and fruit borer infestation in vegetables. For management, it is advised to install pheromone trap @ 12/ha or spray chlorpyrifos @ 1 ml/ litre of water.</li> </ul>
	Odisha	<ul style="list-style-type: none"> <li>Farmers are advised to grow short duration rabi crops like green gram, black gram, cowpea, field pea, lentil, groundnut, toria and sunflower in medium/shallow lowlands utilizing the available soil moisture in the field.</li> </ul>
	Konkan	<ul style="list-style-type: none"> <li>Due to forecast for dry weather, it is advised to harvest the matured rice varieties, followed by threshing and threshed grains should be sun dry for 2 to 3 days before storage.</li> </ul>
18-11-2022	Madhya Maharashtra	<ul style="list-style-type: none"> <li>Mulching is advised to reduce the evaporation from soil in orchard crops.</li> </ul>

<b>18-11-2022</b>	<b>Marathwada</b>	<ul style="list-style-type: none"> <li>• Under prevailing weather condition, transplanting of tomato, onion, cabbage etc. and sowing of spinach, carrot, methi etc. is advised. Irrigation management needs to be done per requirement in transplanted vegetable crops.</li> </ul>
	<b>Uttarakhand</b>	<ul style="list-style-type: none"> <li>• In view of dry weather, farmers are advised to irrigate vegetable crops on need basis.</li> </ul>
	<b>Chhattisgarh</b>	<ul style="list-style-type: none"> <li>• Due to decrease in temperature and its possible adverse effects, dairy farmers are advised to keep the animals in the cattle shed with concrete / brick roof.</li> </ul>
<b>25-11-2022</b>	<b>Bihar</b>	<ul style="list-style-type: none"> <li>• Low temperature may adversely affect the milk production and performance of domestic animals. Farmers are advised to give protein enriched diet to the animals and do not keep animal in open at night.</li> </ul>
	<b>Vidarbha</b>	<ul style="list-style-type: none"> <li>• Due to the continuous cold weather across the region during last 3 days, it is advised to apply need-based irrigation to protect the susceptible field crops (pigeon pea), orchards and vegetables from cold.</li> </ul>
	<b>Jammu</b>	<ul style="list-style-type: none"> <li>• Due to the presence of sufficient moisture in the soil, farmers are advised to continue the sowing of wheat varieties <i>PBW-396</i>, <i>PBW-175</i> and <i>RSP-81</i> (jitto) in rainfed areas and <i>PBW-550</i>, <i>DBW-17</i>, <i>DBW-222</i>, <i>DBW-187</i>, <i>Raj-3077</i>, <i>RSP-303</i>, <i>WH-542</i>, <i>WH-1105</i>, <i>PBW-502</i>, <i>HD-2687</i>.</li> </ul>
	<b>Jharkhand</b>	<ul style="list-style-type: none"> <li>• Low temperature favors aphid infestation in vegetables and field crops. At initial stage, the aphids may be controlled by spraying of neem-based insecticide. If the insect population is above ETL, spray insecticide like Pronephros @ 1 ml per litre of water.</li> </ul>