

# All India Coordinated Research Project on Agrometeorology (AICRPAM)

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## Weather conditions and Agromet advisories issued during June 2022

### 1. General Weather Conditions

During 01 - 30 June 2022, the country as a whole received 152 mm rainfall, which is -8% deficit, compared to the normal rainfall (165 mm) for the same period. Out of 36 meteorological sub-divisions, rainfall was large excess, excess, normal, and deficient in 02, 04, 10, and 20 sub-division(s), respectively as depicted in Fig. 1.

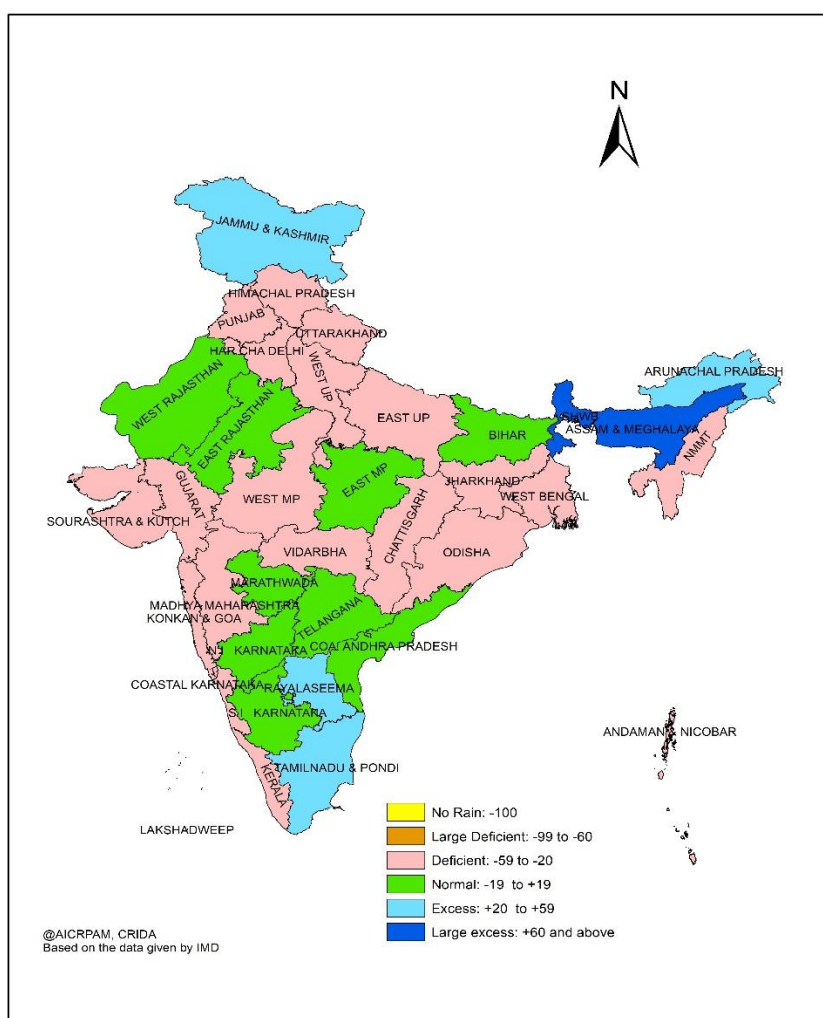


Fig. 1: Monthly rainfall status (01 June – 30 June 2022) in 36 meteorological sub-divisions, India

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

Date of issue	Advisory issued for the region	Agromet Advisory issued
03-06-2022	<b>Konkan</b>	To prevent the incidence of bud rot disease on young coconut plant during monsoon season, it is advised to spray 1% Bordeaux mixture onto the crown region of palm.
	<b>Kerala</b>	Because of high moisture content in the atmosphere, there is a chance for the development of mahali disease in arecanut and coconut. For management, spraying of Copper oxy chloride @ 3g per litre of water during clear weather condition is advised.
	<b>Assam</b>	Taking advantage of rainfall received during the pre-monsoon season, farmers can start nursery bed preparation for sowing of <i>sali</i> rice seeds. Recommended high yielding <i>sali</i> rice varieties are <i>Ranjit</i> , <i>Ranjit Sub 1</i> , <i>Bahadur</i> , <i>Satyaranjan</i> , <i>Basundhara</i> , <i>Mahsuri</i> , <i>Ketekijoha</i> etc.
	<b>Chhattisgarh</b>	Deep ploughing of the field should be done and covered with polythene. This will prevent crops from soil-borne diseases, weeds and insect eggs will be destroyed in the soil.
10-06-2022	<b>South Interior Karnataka</b>	Farmers are advised to take up ploughing in areas where rainfall received, to improve infiltration and conservation of rain water. It also reduces soil erosion.
	<b>Uttarakhand</b>	Under prevailing weather condition, farmers are advised to maintain optimum soil moisture in fruit bearing plants through irrigation at regular intervals.
	<b>Western Uttar Pradesh</b>	Under prevailing weather condition, sowing of short duration varieties of pigeon pea like <i>Paras</i> , <i>UPAS-120</i> , <i>Type-21</i> and <i>Pusa-992</i> is advised.
	<b>Vidarbha</b>	Under prevailing weather condition, it is advised for nursery seed sowing of vegetables like chilli, tomato and brinjal for <i>kharif</i> transplanting.
17-06-2022	<b>Tamil Nadu</b>	Under prevailing hot weather condition, farmers are advised to provide adequate clean water to the fowls to avoid heat stroke.
	<b>Madhya Maharashtra</b>	To reduce the rate of evapotranspiration in fruit crops like grape, pomegranate, mango and sapota and to maintain soil temperature in the orchard, mulching with sugarcane trash or farm waste @ 5 to 7 tons per ha is recommended.
	<b>Hisar</b>	As there is a possibility of variable or dry weather and increase in day temperature, farmers are advised to apply light irrigation for vegetable crops and fruits

		plants as per requirement.
	<b>Himachal Pradesh</b>	High temperature is expected in the next few days, therefore, farmers are advised for harvesting of mature vegetables at morning and evening hours and after harvesting of crops keep it in the shade.
<b>24-06-2022</b>	<b>Parbhani</b>	After receiving rainfall, plantation of new orchards of sapota and pomegranate is advised.
	<b>Gujarat</b>	Keep animal indoor in rainy condition. Keep fodder at safe place to avoid spoilage from rainfall. Spray phenyl in the animal shed to avoid flies and mosquitoes.
	<b>Uttarakhand</b>	Due to the good rainfall received in the region, farmers can start the preparation of field for sowing of maize crop as sufficient moisture is present in the fields.
	<b>Assam</b>	High humidity coupled with water stagnation due to continuous rainfall may aggravate the incidence of 'Gummosis' disease in the citrus crops. As preventive measure against the disease, proper drainage facilities should be provided to remove the excess water from the orchard.