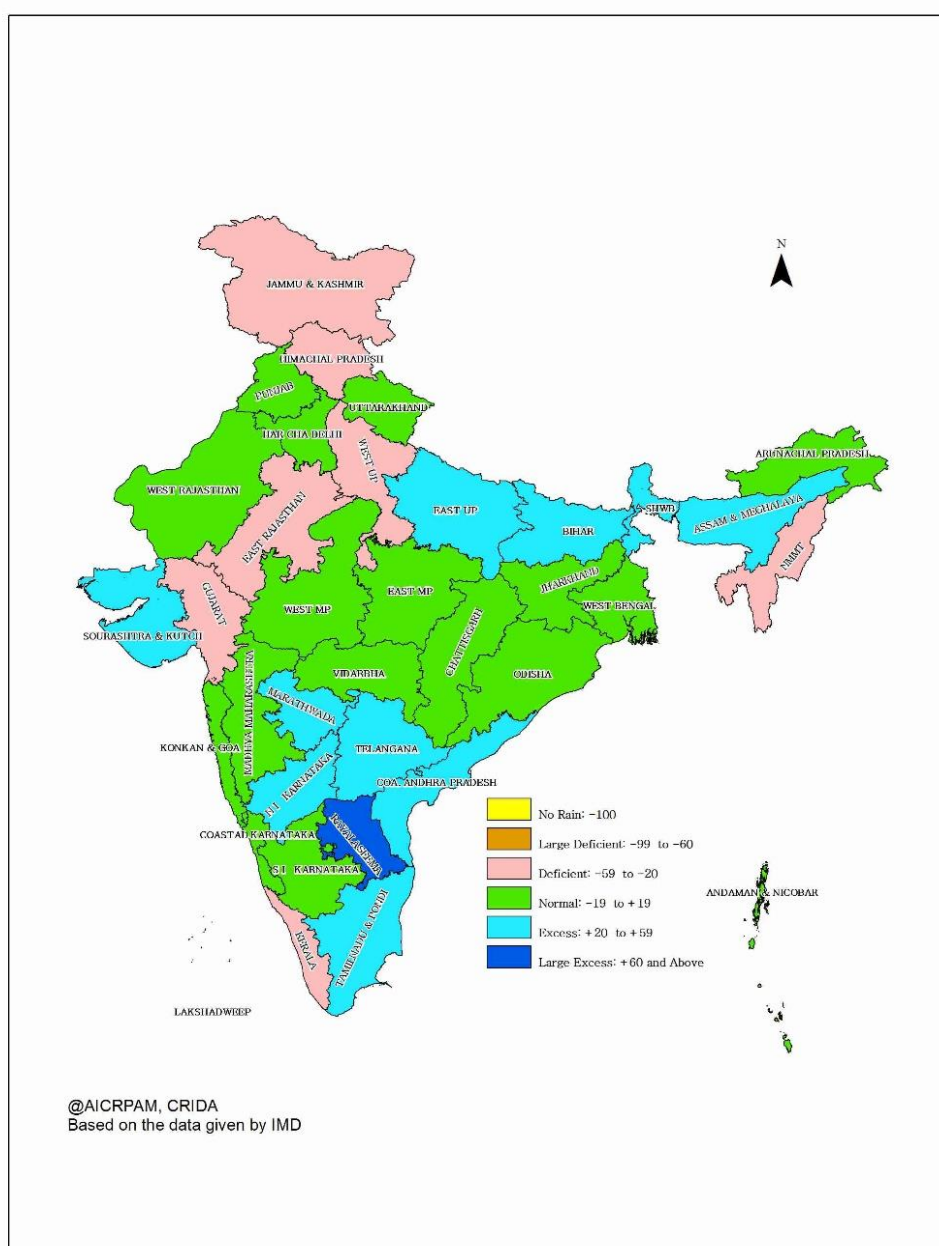


All India Coordinated Research Project on Agrometeorology (AICRPAM)
ICAR-Central Research Institute for Dryland Agriculture
Santoshnagar, Hyderabad – 500059

Weather conditions and Agromet advisories issued during July 2020

1. General Weather Conditions

During 1 June – 31 July 2020, the country as a whole received 453.3 mm rainfall, which is normal rainfall, compared to the normal rainfall for the same period (453.2 mm). Out of 36 meteorological sub-divisions, rainfall was large excess, excess, normal, deficient, large deficient and no rain in 1, 10, 18, 7, 0 and 0 subdivisions, respectively as depicted in Fig. 1.



2. Agromet advisories issued by AICRPAM centers during July 2020

Date of issue	Advisory issued for the region	Agromet Advisory issued
03-07-2020	Himachal Pradesh	It is advised to maintain room temperature of 18-22 °C and relative humidity around 85% for successful cultivation of mushrooms.
	Assam	Due to rainy weather, maintain proper drainage facility to avoid water stagnation in the rice nursery beds.
	Bihar	It is advised to complete the nursery sowing of paddy. Recommended early varieties for North Bihar viz., Sahbhagi, Prabhat, Dhanlakshmi, Richariya, Saket-4, Rajendra Sweta and Rajendra Bhagwati.
	South Interior Karnataka	Farmers are advised for pruning of dried twigs and branches in mango to facilitate the sunlight to bear more fruits in next season.
10-07-2020	Vidharbha	Sowing of kharif sorghum is recommended early duration varieties viz., CSH-30, medium duration varieties viz., CSH-35, SPH-1635 and improved varieties viz., PDKV Kalyani, CSV-20, CSV-27, CSV-34.
	Jharkhand	Due to rainy weather condition, it is advised to start land preparation and sowing of timely sown direct seeded upland rice.
	Punjab	Prevailing weather condition is favourable for fruit rot and die back disease of chilli. Farmers are advised to spray 250 ml Folicur or 750 g Indofil M-45 or Blitox in 250 litre of water per acre at 10 days interval.
17-07-2020	Odisha	There is a chance of top shoot borer infestation in sugarcane crop. To manage, spray Fipronil 5% SC (Reagent/ Sergeant) @ 600ml/acre or Profenophos 50% EC (Profigan/ Prahar) @ 400 ml/acre by mixing it in 200 litre of water.
	Kerala	Due to high relative humidity, there is a severe attack of leaf rust disease in coffee. It is advised to spray Oxycarboxin (Plant vax 20 EC) @ 1 ml/litre of water or spray Bordeaux mixture (1%).
	Tamil Nadu	Present prevailing weather condition is favorable for Tristeza virus disease in citrus. It is advised to spray Streptomycin sulphate 500-1000 ppm or Phytomycin 2500 ppm or Copper oxychloride 0.2% at fortnight intervals.
	Konkan	Due to expected heavy rainfall, it is advised to make arrangement for drain out of excess water from rice fields and maintain water level of 2.5 to 5 cm up to 30 days after transplanting.

24-07-2020	Marathwada	Under rainy weather condition, it is advised to drain out excess amount of water from crop fields to avoid water stagnation.
	North Interior Karnataka	Under prevailing rainy weather condition, sowing of the <i>kharif</i> crops like greengram, redgram, bajra, navane and groundnut (bunch type), castor, onion, chilli are recommended.
	West Bengal	Due to expected heavy rainfall, it is advised to complete the sowing and transplanting of Aman rice with recommended improved varieties IET-4786, Khitish, Swarna and IR-36.
	Gujarat	Under rainy weather condition, deworming of animals and spray of phenyl in the animal shed are advised to avoid flies and mosquito menace.
31-07-2020	Rajasthan	Due to dry-spell and deficit rainfall condition, farmers are advised for mulching in <i>kharif</i> crops to minimize evaporation from crop fields.
	Jammu	Farmers are advised to monitor the incidence of thread worm in transplanted rice. If observed, application of Carbofuran 3G @ 20 kg/ha during clear weather is advised.
	Uttar Pradesh	Prevailing weather condition is favourable for sowing of pearl millet with recommended composite varieties viz., ICMB-155, WCC-75, ICTP-8203, Raj-171, NDFB-3 and hybrid varieties viz., Pusa-322, Pusa-23 and ICMH-451.
	Madhya Maharashtra	For control of army worm attack in crops, it is advised to use pheromone trap @ 5 per ha. One may also go for applying 50,000 eggs of <i>Trichogramma pretiosum</i> or <i>Telenomus remus</i> parasite per acre three times in one week interval.
	Uttarakhand	Under rainy weather condition, farmers must arrange to drain out excess rain water from vegetable fields.