

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 February 2020

1. General Weather Conditions

During 1 - 29 February 2020, the country as a whole received 39.4 mm rainfall, which is -4% deficit, compared to the normal rainfall for the same period (40.8 mm). Out of 36 meteorological sub-divisions, rainfall was large excess, excess, normal, deficient, large deficient and no rain in 5, 5, 8, 7, 9 and 2 subdivisions, respectively as depicted in Fig. 1.

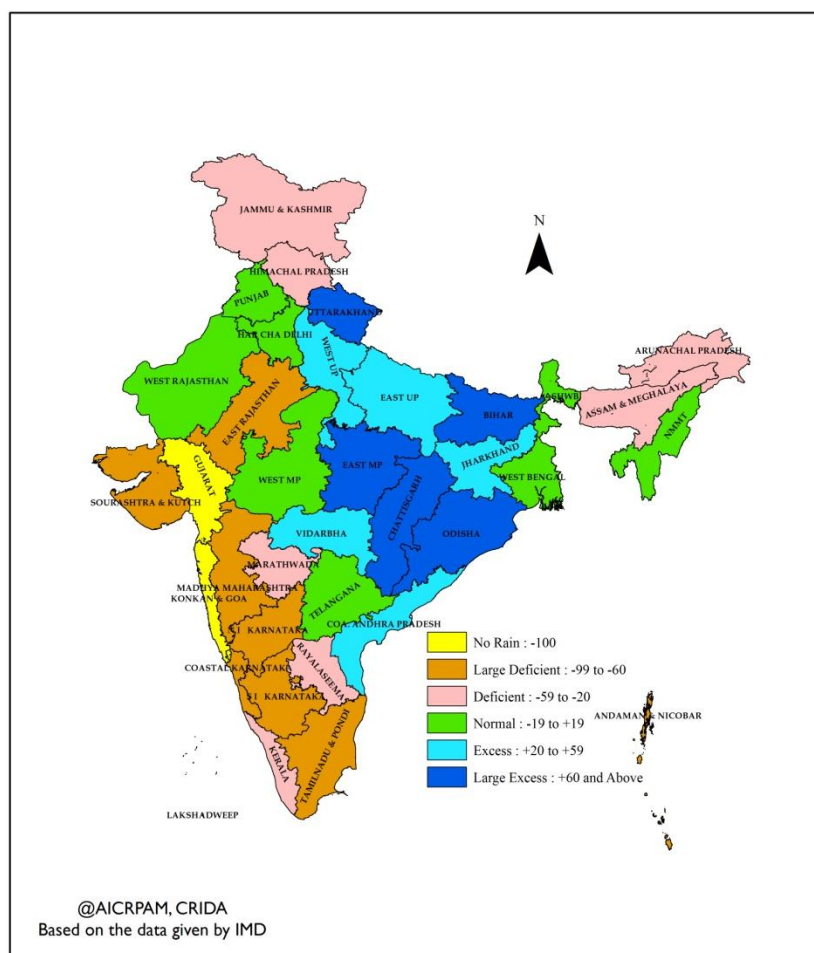


Fig. 1: Meteorological sub-division wise rainfall received during 1 - 29 February 2020

2. Agromet advisories issued by ICAR-All India Coordinated Research Project on Agrometeorology (AICRPAM) centers during February 2020

Date of issue	AICRPAM Center	Agromet Advisory issued
07-02-2020	Vidharbha	For control of pod borer in chickpea, it is advised to spray Azadirachtin 300 ppm @ 50 ml per 10 litre of water. It is also advised for sprinkler irrigation in chickpea to avoid soil moisture stress condition during pod formation stage.
	Hisar	Farmers are advised to keep vigilance on hairy caterpillar and mustard sawfly in mustard crop. Apply need based irrigation and intercultural operations to conserve the soil moisture.
14-02-2020	Assam	Farmers are advised to go for irrigation in the onion crop at 7 days interval. Farmers are also advised to spray Ridomil @ 2.5g/litre at an interval of 10 days against of downy mildew disease.
	Jharkhand	Early to medium duration varieties of potato matures within 80-120 days. Farmers are advised to stop irrigation and remove the upper leaves/parts (Dehaulming) of the crop, before 7 – 10 days of digging.
	Kerala	There is a chance of infestation of pseudostem weevil in banana. Spray 2.5 ml of Chlorpyrifos or 2 ml of Quinalphos per one litre of water in leaf axils.
21-02-2020	South Interior Karnataka	There is a chance of leaf hopper and powdery mildew disease incidence before flowering and after fruit formation in mango. To control, spraying of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3ml/ litre of water is advised.
	Himachal Pradesh	Powdery mildew disease is expected in polyhouse crops like tomato. For control, spray of Haxaconazol 1ml per litre of water at 10 days interval is advised.
28-02-2020	Marathwada	For management of white fly in sugarcane crop, it is advised to used 2 to 3 Tricho cards per hector with an interval 10 days for 4 to 6 times or spray of Chlorphyriphos 20 % @ 30 ml or Fipronil 5% @ 30

		ml per 10 litre of water is advised.
	Jammu	It is advised to rogue out the disease affected plants such as virus affected plants of tomato and black rot of cauliflower and cabbage.

