

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 June 2019

1. General Weather Conditions

During 1 June to 30 June 2019, the country as a whole received 112.1 mm rainfall, which is 33% deficit, compared to the normal rainfall for the same period (166.9 mm). Out of 36 meteorological sub-divisions, rainfall Large excess, normal, deficient and large deficient in 1, 5, 28 and 2 subdivisions, respectively. The rainfall distribution in different subdivisions during 1 June to 30 June 2019 is depicted in Fig. 1.

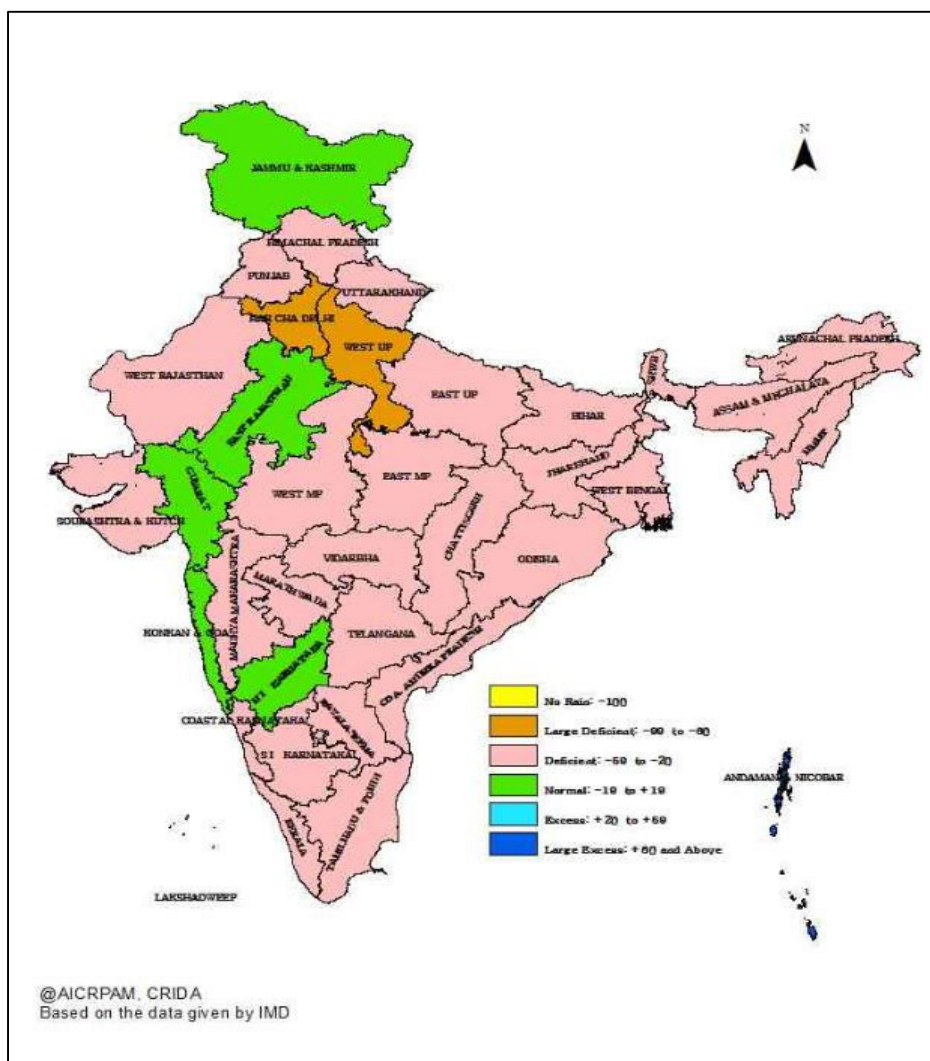


Fig. 1: Meteorological sub-division wise rainfall received during 1 June to 30 June 2019

2. Agromet advisories issued by ICAR-All India Coordinated Research Project on Agrometeorology (AICRPAM) centers during June 2019

Date of issue	AICRPAM Center	Agromet Advisory issued
07-06-2019	Kerala	<ul style="list-style-type: none"> • Since humid conditions prevailed in the state and the onset of monsoon was forecasted on 06 June 2019, there is a chance of bud rot in coconut plantations. Hence keep three numbers of perforated Mancozeb sachets (5 g) per palm around spindle leaves as a prophylactic measure against bud rot.
	Tamil Nadu	<ul style="list-style-type: none"> • In the prevailing weather condition, shoot fly occurrence is expected in sorghum. Spray Dimethoate 30 EC @ 500 ml/ha or 5% Neem Seed Kernel extract. • Anticipated weather condition is favourable for fruit rot / die back in chilli. Disease may be controlled by three sprayings of Wettable Sulphur or Copperoxy Chloride 0.25%.
	Madhya Maharashtra	<ul style="list-style-type: none"> • Give alternate furrow irrigation to sugarcane. • For control of fruit flies in the cucurbit vegetables, install clue-luer traps @ 2 per acre and spray Azadirachtin @ 10 ml + 10 litre of water.
14-06-2019	North Interior Karnataka	<ul style="list-style-type: none"> • Wherever sufficient rainfall is received, farmers are advised to take up sowing of kharif crops like greengram, black gram, soybean, maize, Bt. Cotton, redgram, bajra, sesamum, and groundnut.
	Konkan	<ul style="list-style-type: none"> • During next five days, there is a forecast of medium to heavy rainfall. Hence, complete the sowing of rice nursery. • Carry out sowing operation of cucurbitaceous crops with a spacing of 1.5 x 1 m. Apply 2 kg FYM or compost along with 50 to 60 g mix fertilizer (Suphala) per vine at the time of sowing.

	Odisha	<ul style="list-style-type: none"> • Now the weather is optimum for sowing of pigeon pea. Grow high yielding varieties such as Prabhat, Upas-120, ICPL-86012 (early duration) Asha, Visakha (medium duration) with seed rate 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seed. • The weather is optimum for sowing of maize for green cob purpose under irrigated condition. High yielding varieties like Navjot, Shakti, Decan-107, Decan-109 is recommended.
21-06-2019	Jharkhand	<ul style="list-style-type: none"> • Farmers are advised to adopt ridge and furrow method for cultivation of different crops except rice. This method has several advantages like better yield, conservation of rain water in furrows, lesser soil erosion and rotting of the plant in the event of excess rain.
	Bihar	<ul style="list-style-type: none"> • In view of dry weather forecast in next 2-3 days, farmers are advised to complete the harvesting and threshing of rabi maize and moong bean/urid bean. • Nursery sowing is advised for medium duration of rice varieties such as Seeta, Santosh, Saroj, Rajshri, Prabhat, Rajendra suvasni, Rajendra kasturi and Rajendra bhagwati in North Bihar.
28-06-2019	Gujarat	<ul style="list-style-type: none"> • Sowing can be done in rice nursery seed bed with following varieties of paddy i.e. NAUR-1, GNR-2 (Costal area) GNR-3, GNR-4, GNR-5, GNR-6, GNR-7, GNRH-1 (Long duration), Jaya, Gurjari, GR-5, 7, 8, 9, IR-28, Purna and GAR-13. • Timely sowing of groundnut should be done after sufficient rainfall. Select the certified seed of groundnut for cultivation. Interculturing and hand weeding should be carried out in pre-sown groundnut.
	Haryana	<ul style="list-style-type: none"> • Keep fields prepared for sowing of bajra and guar after rains. Procure the certified seeds of recommended varieties of guar, bajra, maize, cluster bean. • Farmers are advised to apply light irrigation in planted vegetable crops as per requirement. Make arrangement to avoid plant damage (particularly staked creeper) from anticipated gusty winds.