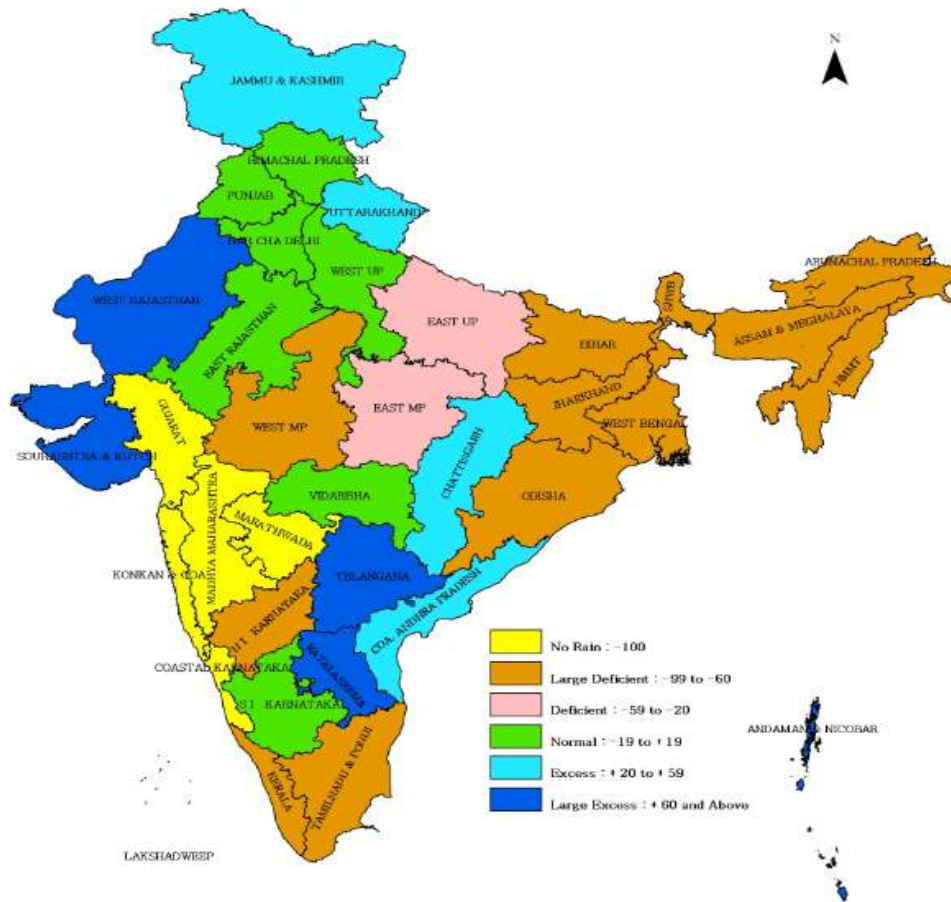


All India Coordinated Research Project on Agrometeorology (AICRPAM)
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Weather Conditions and Agromet Advisories Issued during January 2019

1. General Weather Conditions

During 1 to 31 January 2019, the country as a whole received 18.5 mm rainfall, which is 4% deficit, compared to the normal rainfall for the same period (19.2 mm). Out of 36 meteorological sub-divisions, rainfall was large excess in 5 subdivisions, excess in 4 subdivisions, normal in 07 subdivisions, deficient in 02 subdivisions, large deficient in 12 subdivisions and no rain in 6 subdivisions. The rainfall distribution in different subdivisions during 1 to 31 January 2019 is depicted in Fig. 1



@AICRPAM, CRIDA
 Based on the data given by IMD

Fig. 1: Meteorological sub-division wise rainfall received during 1 to 31 January 2019

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

Date of issue	AICRPAM Center	Agromet Advisory issued
04-01-2019	Kerala	<ul style="list-style-type: none"> • Destroy the affected leaves along with the Spodoptera in banana. If Spodoptera attack is severe, spray quinolphos 2ml per one litre of water or chlorantraniliprole 3 ml per 10 litre of water. • White powdery spots are being seen on the leaves of the cucurbitaceous vegetables. Farmers are advised to apply 20 g of Trichoderma viride per one litre of water to control powdery mildew disease of vegetables. • Spray Streptocycline (300ppm) to control black rot in cabbage.
	Tamil Nadu	<ul style="list-style-type: none"> • Prevailing weather condition is favorable for leafhopper, thrips and stem weevil incidence in cotton. To control sucking pest, spray Imidacloprid 200 SL 100 ml/ha or Fipronil 5%SC 1500-2000 ml/ha. • Favourable weather condition is prevailing for corn worm infestation in maize. To control corn worm, spray Carbaryl 25 kg/ha or Phosalone 25 kg/ha. • Climatic condition is favourable for Thrip and Aphid infestation in chilli. To control, apply Carbofuran 3% @ 33 kg/ha or phorate 10 % @ 10 kg/ha.
	South Interior Karnataka	<ul style="list-style-type: none"> • One protection irrigation to <i>rabi</i> crops is recommended due to lack of soil moisture. • It is the right time to harvest the kharif crops like ragi, maize and redgram. If Ragi crops is already harvested, the straw may be collected and stacked. • Farmers are advised to clear the weeds in Mango orchard, guava and sapota. Thereafter, put it under the basin as mulch.

11-01-2019	Madhya Maharashtra	<ul style="list-style-type: none"> • In timely sown irrigated wheat, application of half of recommended dose of Nitrogen should be given after 3 weeks of sowing i.e. after first weeding at the time of irrigation. • For good fruit setting in Mango spraying of 0:52:34 @ 100 gm per 10 litre water is recommended. • For pod borer in chick pea, install Helilure traps @ 5 no./ ha If the incidence is more spray Chlorpyrifos/ Quinolphos @ 15-20 + 10 litre of water. • For control of powdery mildew disease in the late pruned ber, spray 80 WP wettable sulphur 20 gram and karathane 5 ml per 10 litres of water in alteration at 10 – 12 days interval.
	Chhattisgarh	<ul style="list-style-type: none"> • There is possibility of infestation of pod borer in chick- pea. Hand picking should be done for control. • Due to cloudy weather, there is chance of aphid attack in oilseed, pulses and vegetables. Therefore, farmers are advised to do continuous monitoring and spray neem based pesticides when initial outbreak is shown. • For control of broad leaved weeds in wheat crop at 30-35 days old age crop, 500 grams 2,4-D mixed in 200 litre of water can be sprayed.
18-01-2019	Odisha	<ul style="list-style-type: none"> • The rice seedlings for summer crop at 4-5 leaf stage are ready for transplanting. Plant 2 to 3 seedling per hill shallow and upright in lines. Seedling root dip should be done with 10 kg Azospirillum in 6 litre water before transplanting. • Spodoptera in cabbage and cauliflower may be found. To control, alternate spraying of B.T product 1 kg or 250 LE SLNPV/acre at weekly interval or use 4 Trichogramma cards per acre.

	<p style="text-align: center;">Assam</p>	<ul style="list-style-type: none"> • Due to low night temperature and thick fog, farmers may observe Late Blight attack in Potato crop. To control, spraying of Mancozeb @ 2.5 gm/litre of water at an interval of 7-10 days as a protective measure is recommended. • Due to favourable weather, late blight disease may be observed in tomato crop. To control, spray Indofil M-45 @ 2.5gram/litre of water against the disease.
	<p style="text-align: center;">Jharkhand</p>	<ul style="list-style-type: none"> • Timely sown pulse crops like pea, lentil, gram etc. are at pod formation stage. If the crops are attacked by pod borer insect, spray insecticide Monochrotophos @ 1 ml per litre of water immediately. • Mustard Crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.
<p style="text-align: center;">25-01-2019</p>	<p style="text-align: center;">Punjab</p>	<ul style="list-style-type: none"> • As heavy rain occurred at most places in the state, farmers are advised to drain out excess water from the fields.If wheat crop show deficiency of sulphur, broadcast 100 kg of Gypsum/acre and irrigate the field.Yellowing of leaves appear due to manganese deficiency in wheat crop, spray the crop with manganese sulphate.
	<p style="text-align: center;">Himachal Pradesh</p>	<ul style="list-style-type: none"> • Intercultural operations on already sown berseem and oats for fodder of Rabi season also advised. • Add mulch material in space between two rows of vegetables crops for conservation of soil moisture and maintaining the soil temperature. • Advised for Intercultural operations of radish, carrot, turnip, palak and methi carrot, broccoli, lettuce can be done. • It is optimum time for raising the nursery of winter flowers in polyhouses.