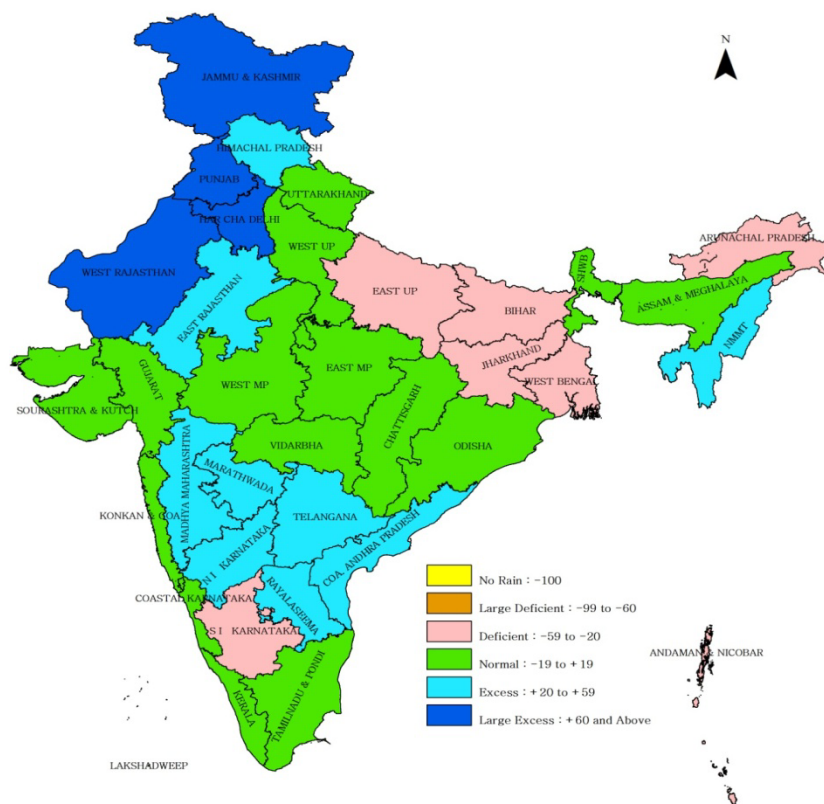


All India Coordinated Research Project on Agrometeorology (AICRPAM)
 ICAR-Central Research Institute for Dryland Agriculture
 Santoshnagar, Hyderabad – 500059

Weather Conditions and Agromet Advisories Issued during June 2017

1. General Weather Conditions

Southwest monsoon has set in over Kerala on 30 May 2017. During 1- 30 June 2017, the country as a whole has received 170.2 mm rainfall, which is 4% more, than the normal rainfall for the same period (163.6 mm). Out of 36 meteorological sub-divisions, rainfall was largely excess in 4 sub-divisions; excess in 11 sub-divisions; normal in 14 sub-divisions and deficient in 7 sub-divisions. The rainfall received during 1- 30 June, is depicted in Fig. 1.



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 Based on the data given by IMD

Fig. 1: Meteorological sub-divisional-wise rainfall received during 1 – 30 June, 2017

2. Progress in kharif sowing (Source: Press Information Bureau and Ministry of Agriculture and Farmers’ Welfare, Govt. of India)

The total sown area of crops as on 30th June 2017, as per the reports received from States, stands at 222 lakh hectare as compared to 187 lakh hectare, as on this date last year (Table 1).

Table 1: Progress in kharif sowing in India as on 30th June 2017 (Area in Lakh hectare)

Crop	Area sown in 2017	Area sown in 2016
Rice	38.9	39.1
Pulses	18.8	13.0
Coarse Cereals	38.1	35.4
Oilseeds	25.9	28.3
Sugarcane	47.5	44.8
Jute & Mesta	6.9	7.2
Cotton	46.1	19.1
Total	222.3	187.0

3. Agromet Advisories issued by centres of ICAR-All India Coordinated Research Project on Agrometeorology (AICRPAM) during June 2017

Date of issue	AICRPAM Center	Agromet Advisory issued
2-6-2017	Thrissur, Kerala	<ul style="list-style-type: none"> • Transplanting of <i>Viruppu</i> rice in Southern Zone, nursery sowing of <i>Viruppu</i> rice in Northern Zone and nursery sowing of rice (Uma and Kanchana variety) in Central Zone of Kerala can be taken up.
	Bangalore, Karantaka	<ul style="list-style-type: none"> • Take up land preparation and strengthen the bunds with fodder grass which will facilitate conservation of rainwater received due to pre-monsoon showers. Ploughing across the slope will facilitate <i>in situ</i> soil moisture conservation
	Jorhat, Assam	<ul style="list-style-type: none"> • In high rainfall zones of Assam, farmers can prepare nursery beds for transplanted Sali rice. Rice cultivars Jalashree and Jalkuwari are recommended for sowing in flood prone areas.
9-5-2017	Bangalore, Karnataka	<p>The following crops are suggested for kharif sowing.</p> <p>Under monocropping, long duration crops such as,</p> <ul style="list-style-type: none"> • Pigeon pea : TTB-7, BRG-1,2,4&5, • Castor: DCS-9 (Jyothi), DCH-177&32 <p>Under double cropping, short duration crops such as,</p> <ul style="list-style-type: none"> • Ragi: Indaf -9, ML-365; Sesame: Navile-1, T-7; Groundnut : TMV-2, JL-24, KCG-6; Cowpea: TVX-944, KBC-1; Green gram: PS-16, PDM-84,178; Black gram: Karagao-3, T-9, Rashmi (LBG-625)
	Akola, Maharashtra	<ul style="list-style-type: none"> • Complete preparatory tillage for sowing of kharif crops (sorghum, cotton, greengram, blackgram, soybean) and keep the inputs ready accordingly. Undertake land preparation for nursery sowing of kharif rice in Eastern Vidarbha Zone.
16-6-2017	Thrissur, Kerala	<ul style="list-style-type: none"> • Pepper: Drench the soil and apply 0.2 % Copper oxy chloride and spray the aerial part with 1% Bordeaux mixture as a prophylactic measure to control quick wilt and pollu disease. • Coffee: Leaf rust disease may become severe due to increase in relative humidity. Apply 0.5% Bordeaux mixture or plant wax 20 EC @1-2 ml per litre to control the disease. Spray 40-54 ml Ethrel in 200 litres of water to reduce fruit fall in coffee.
16-5-2017	Akola, Maharashtra	<ul style="list-style-type: none"> • Feasible risk minimizing intercropping systems include cotton + greengram/blackgram (1:1), pigeon pea + greengram /

		blackgram/soybean (2:4) , sorghum + greengram/pigeonpea (3:3) and cotton + sorghum+ pigeonpea+sorghum (3:1:1:1), cotton+soybean+pigeonpea+soybean (3:2:2:2).
23-6-2017	Solapur, Maharashtra	<p>Following intercropping systems are recommended for Madhya Maharashtra</p> <ul style="list-style-type: none"> • Sunflower + Pigeon pea (2:1), Pigeon pea: BSMR- 736, 853, BDN- 708, Phule Rajeshwari, Vipula, Sunflower-Modern, Phule aviraj, Bhanu etc. • Pearl millet + Pigeon pea (2:1), Soybean + Pigeon pea (2:1), Pearl Millet: Shradha, Saburi, Shanti, Pigeon Pea: BSMR- 736, 853, BDN- 708, Phule Rajeshwari, Vipula soybean: JS- 335, DS-228, JS- 9305. • Pigeon pea + green gram (1:3), Pigeon pea: BSMR- 736, 853, BDN- 708, Phule Rajeshwari, Vipula, Green Gram TAU-1, T-9, Phule M-2, J-781. • Pigeon pea + black gram (1:3), Pigeon pea: BSMR- 736, 853, BDN- 708, Phule Rajeshwari, Vipula Black Gram - TPU- 4.
30-6-2017	Anantapur, Andhra Pradesh	<ul style="list-style-type: none"> • Farmers are advised to take up sowing of green manure crops like Sunnhemp or Daincha in paddy fields in north coastal, Godavari, Krishna and Guntur districts. • Continue sowing of Rice nurseries in Srikakulam, Vizianagaram, East and West Godavari, Krishna and Guntur districts under assured irrigation and utilizing the canal water released in Godavari Delta. • Farmers are advised to continue sowing of Mesta, Sesame, Ragi, planting of sugarcane in North Coastal AP, Krishna and Godavari districts with the available soil moisture.
	Jorhat, Assam	<p>Nine Districts of the state have been affected by flood, Karimganj district being the worst hit. Other flood hit districts are Lakhimpur, Sivasagar, Golaghat, Jorhat, Sonitpur, Hojai and Cachar</p> <ul style="list-style-type: none"> • Community nursery may be raised to meet the seedlings requirement of flood affected areas. • Late and staggered planting with the old seedlings (50-60 days old seedlings) of varieties like Profulla and Gitesh (If field is heavily damaged). • Hoeing in between lines for aeration in root Zone after flood is advised as post flood management.