

**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 2018**

**1. General Weather Conditions**

During 1 June - 31 July 2018, the country as a whole has received 426.1 mm rainfall, which is 6% Deficit, compared to the normal rainfall for the same period (452.8 mm). Out of 36 meteorological sub-divisions, rainfall was excess in 1 subdivision; normal in 27 and deficient in 8 subdivisions. The rainfall received during 1 June - 31 July 2018 is depicted in Fig. 1

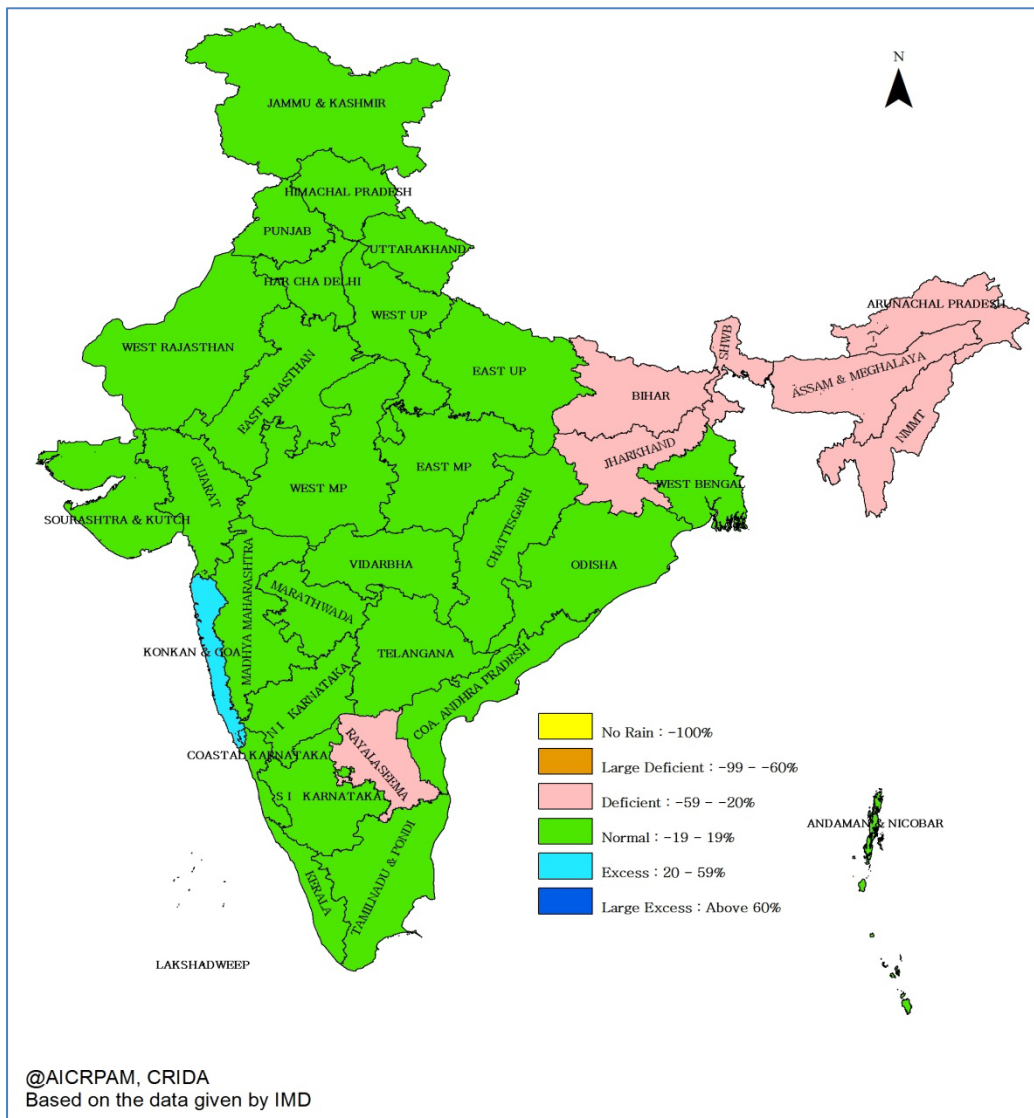


Fig. 1: Meteorological sub-divisional wise rainfall received during 1 June - 31 July 2018

**2. Agromet advisories issued by ICAR-All India Coordinated Research Project on Agrometeorology (AICRPAM) centers during July 2018**

Date of issue	AICRPAM Center	Agromet Advisory issued
06-07-2018	<b>Kerala</b>	<ul style="list-style-type: none"> <li>• If infestation of pseudostem weevil is noticed, spray 2.5 ml of Chlorpyrifos or 2 ml of Quinalphos per one litre of water in leaf axils and by inserting the nozzle through the boreholes made by the larvae.</li> </ul>
	<b>Tamil Nadu</b>	<ul style="list-style-type: none"> <li>• Raise green manure crop like Sunhemp @ 20kg/ha and incorporate at 80% flowering (45- 50 days) to improve the soil fertility.</li> <li>• Prevailing weather condition is favourable for incidence of fruit borer in chilli. To control, spray Flubendiamide 20% WDG 6.0g/10 litre (or) Thiodicarb 75% WP 2.0g/ litre.</li> </ul>
	<b>North Interior Karnataka</b>	<ul style="list-style-type: none"> <li>• As soon as sufficient rainfall for sowing is received, take up sowing of <i>kharif</i> crops like Black gram, Soybean, Maize, Bt. Cotton, Redgram, Bajra, Sesamum, Navane and Groundnut (spreading) may be taken up on preference.</li> <li>• Vaccinate livestock against Foot and Mouth disease (FMD vaccination), Black Quarter disease (BC vaccination) and Haemorrhagic Septicaemia.</li> </ul>
	<b>Marathwada</b>	<ul style="list-style-type: none"> <li>• Precaution should be taken to drain out excess amount of water in sugarcane crop.</li> <li>• Intercultural, thinning and gap filling operation should be done in cotton crop. To control attack of pink bollworm in irrigated cotton take a spray of 5 % Neem cake extract or use two pheromone traps per acre is recommended.</li> </ul>

13-07-2018	Madhya Maharashtra	<ul style="list-style-type: none"> <li>At the time of sowing of kharif crops, apply granular phorate mixed with fertilizers @ 10-12 kg /ha to avoid the incidence of pests (white grub, nematodes, termites etc).</li> <li>In drumstick, spray 1 ml/litre of chlorpyrifos for control of leaf eating caterpillar on new emerging leaves.</li> </ul>
	Chhattisgarh	<ul style="list-style-type: none"> <li>Monsoon rainfall has started in maximum regions of Chhattisgarh state. Therefore farmers should start sowing of <i>kharif</i> crops like paddy, soybean, arhar, sesamum, maize and millets (kodo, kutki and finger millets). As deficit rainfall is forecasted farmers are advised to continue irrigation practices.</li> <li>In the new crop of sugarcane need based intercultural operations and earthing should be done.</li> <li>Soybean and other pulses crops like arhar should be sown with proper drainage facility.</li> </ul>
20-07-2018	Bihar	<ul style="list-style-type: none"> <li>As the <i>kharif</i> maize is 30-35 days old, it is advised to do the earthing-up operation after removing weeds from the fields. It is also recommended to apply 40 kg urea per hectare after the forecasted spell of rainfall.</li> <li>Farmers having irrigation facility are advised to transplant rice in the low land areas.</li> <li>Sowing of yam bean is advised in upland areas. Rajendra Mishrikand-1 and Rajendra Mishrikand-2 varieties are recommended for sowing in North Bihar.</li> </ul>
	West Bengal	<ul style="list-style-type: none"> <li>Complete the intercultural operations in Jute. In case of late sown crop, attack of Bihar hairy caterpillar and semilooper may be expected. For both insects, apply Endosulphan @1.5 ml per litre of water. For production of jute seed, prune the top portion to get more branches for getting good amount of Jute seed.</li> </ul>

	<b>Rajasthan</b>	<ul style="list-style-type: none"> <li>• Ensure proper drainage as above normal rainfall is forecasted over both the subdivisions during week-1 (20 to 26 July).</li> <li>• Farmers are advised for sowing of cluster bean, kharif pulses and sesame. Recommended varieties are: cluster bean (RGC-936, RGC-986, RGC-1017, RGC-1038), black gram (PU-31, RBU-38, KU-96-3), green gram (K-851, RMG-62) and sesame (RT-46, RT-125, RT-127, RT-346).</li> </ul>
	<b>Assam</b>	<ul style="list-style-type: none"> <li>• As below normal rainfall is forecasted for next week, farmers are advised to wait for rain during week 2 (27 July to 2 August) for transplantation of Sali rice seedlings.</li> <li>• Poultry growers can choose breeds of chicken like BV 300, Babcock, BV 380 etc for egg production purpose.</li> </ul>
<b>27-06-2018</b>	<b>Punjab</b>	<ul style="list-style-type: none"> <li>• Due to heavy rains, incidence of para wilt may occur in cotton. If incidence is noticed, spray 1 gram Cobalt chloride in 100 litres of water within 24 hours of attack during week-1 (27 July to 2 August).</li> <li>• Do not allow the rain water to stand in the maize fields, as it is highly sensitive to standing water and promotes bacterial stalk rot.</li> <li>• This is the optimum time to sow the <i>kharif</i> greengram varieties ML 2056 and ML 818 with seed @ 8 kg seed per acre.</li> </ul>
	<b>Haryana</b>	<ul style="list-style-type: none"> <li>• As normal and above normal rainfall is forecasted for next two weeks, farmers are advised to undertake transplanting of late sown rice under irrigated conditions. Avoid the deep planting of seedlings and plant to plants per hill.</li> </ul>