

**Advisory for DD Kisan dated 03.07.18**  
**(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)**

**Significant Weather Features**

- The western part of the axis of monsoon trough at mean sea level now passes through Firozepur, Hissar, Hardoi, Gorakhpur and the eastern part lies close to the foothills of the Himalayas.
- Forecast meteorological conditions indicate that a cyclonic circulation is very likely to develop over northwest Bay of Bengal and adjoining west Bengal coast around 6<sup>th</sup> July. Along with this, the eastern part of the monsoon trough is very likely to shift southwards and occupy a near normal position from 7th July. Consequent changes in the monsoon flow pattern is very likely to cause an increase in rainfall over Karnataka, Maharashtra Telangana and Andhra Pradesh from 6th July and over central India from 8th July.
- Heavy to very heavy rain occurred at isolated places over Himachal Pradesh, Konkan & Goa, Arunachal Pradesh and Assam & Meghalaya and heavy over Punjab, north Haryana, Coastal Karnataka, Tamilnadu & Puducherry, Gujarat state and Sub-Himalayan West Bengal & Sikkim.

**Realised Rainfall**

**(From 0830 hours IST of yesterday to 0830 hours IST of today):**

- Rain/thundershowers observed at most places over Andaman & Nicobar Islands, Lakshadweep, Gujarat, Konkan & Goa, Madhya Maharashtra, Coastal & South Interior Karnataka, Kerala, Himachal Pradesh, Uttarakhand, West Uttar Pradesh, Delhi, Haryana & Chandigarh, west Bengal & Sikkim, Assam & Meghalaya, Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura; at many places over East Uttar Pradesh, Jharkhand, Tamilnadu & Puducherry and Vidarbha and at isolated places over East Rajasthan, East Madhya Pradesh, Rayalaseema and Chhattisgarh.

## 5 Day Rainfall Forecast (Mid-day) 3<sup>rd</sup> July 2018

Met-Sub-Division	03-Jul Today	04Jul Wed	05Jul Thu	06Jul Fri	07Jul Sat
1. Andaman & Nicobar Islands	WS	WS	WS	FWS	FWS
2. Arunachal Pradesh	WS	WS	FWS	FWS	FWS
3. Assam & Meghalaya	WS	WS	WS	FWS	FWS
4. N. M. M. & T.	WS	WS	WS	FWS	FWS
5. S.H. West Bengal & Sikkim	WS	WS	WS	FWS	FWS
6. Gangetic West Bengal	FWS	FWS	FWS	FWS	FWS
7. Odisha	FWS	FWS	FWS	WS	WS
8. Jharkhand	FWS	FWS	FWS	WS	WS
9. Bihar	WS	WS	FWS	FWS	FWS
10. East Uttar Pradesh	SCT	SCT	ISOL	ISOL	SCT
11. West Uttar Pradesh	SCT	SCT	ISOL	ISOL	ISOL
12. Uttarakhand	WS	FWS	SCT	ISOL	ISOL
13. Haryana, Chd & Delhi	SCT	SCT	ISOL	DRY	ISOL
14. Punjab	FWS	SCT	ISOL	DRY	DRY
15. Himachal Pradesh	WS	SCT	ISOL	ISOL	ISOL
16. Jammu & Kashmir	WS	FWS	ISOL	DRY	DRY
17. West Rajasthan	ISOL	DRY	DRY	DRY	DRY
18. East Rajasthan	ISOL	ISOL	ISOL	ISOL	ISOL
19. West Madhya Pradesh	ISOL	ISOL	SCT	SCT	SCT
20. East Madhya Pradesh	SCT	SCT	SCT	SCT	FWS
21. Gujarat Region	FWS	FWS	FWS	SCT	SCT
22. Saurashtra & Kutch	SCT	SCT	SCT	SCT	ISOL
23. Konkan & Goa	WS	WS	WS	WS	WS
24. Madhya Maharashtra	SCT	SCT	FWS	FWS	WS
25. Marathwada	SCT	SCT	FWS	FWS	FWS
26. Vidharbha	SCT	SCT	FWS	FWS	FWS
27. Chhattisgarh	FWS	FWS	WS	WS	WS
28. Coastal Andhra Pradesh	FWS	SCT	SCT	FWS	FWS
29. Telangana	FWS	FWS	FWS	WS	WS
30. Rayalaseema	SCT	ISOL	ISOL	SCT	SCT
31. Tamilnadu & Puducherry	SCT	ISOL	ISOL	ISOL	ISOL
32. Coastal Karnataka	WS	WS	WS	WS	WS
33. North Interior Karnataka	ISOL	SCT	FWS	WS	WS
34. South Interior Karnataka	FWS	FWS	FWS	WS	WS
35. Kerala	FWS	FWS	FWS	WS	WS
36. Lakshadweep	FWS	SCT	SCT	FWS	FWS

### % Station Reporting Rainfall

% Stations	Category	% Stations	Category
76-100	Widespread (WS/Many Places)	26-50	Scattered (SCT) A Few Places
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		

## Weather Warning

- **03 July (Day 1):** Heavy to very heavy rain at isolated places very likely over Uttarakhand, Konkan & Goa, Sub-Himalayan West Bengal & Sikkim, Bihar, Arunachal Pradesh and Assam & Meghalaya; Heavy rain at isolated places over Jammu & Kashmir, Himachal Pradesh, Punjab, north Haryana & Chandigarh, Tamil Nadu & Puducherry, Coastal Karnataka, South Interior Karnataka, Coastal Andhra Pradesh, Telangana, Gujarat, Chhattisgarh, Gangetic West Bengal, Jharkhand, Odisha and Nagaland, Manipur, Mizoram & Tripura
- **04 July (Day 2):** Heavy to very heavy rain at isolated places very likely over Konkan & Goa; Heavy rain at isolated places over Coast Karnataka, South Interior Karnataka, Gujarat, West Bengal & Sikkim, Jharkhand, Bihar, Odisha, Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

- **05 July (Day 3):** Heavy to very heavy rain at isolated places very likely over Konkan & Goa and Coastal Karnataka; Heavy rain at isolated places over Interior Karnataka, Gujarat, Madhya Maharashtra, Marathwada, Chhattisgarh, Sub-Himalayan West Bengal & Sikkim, Odisha, Jharkhand, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **06 July (Day 4):** Heavy rain at a few places with very heavy at isolated places likely over Coast Karnataka and Konkan & Goa; Heavy to very heavy rain at isolated places over Interior Karnataka and Telangana; Heavy rain at isolated places over Coastal Andhra Pradesh, Kerala, Gujarat Region, Madhya Maharashtra, Marathwada, Vidarbha, Chhattisgarh, Jharkhand, Odisha and Nagaland, Manipur, Mizoram & Tripura.
- **07 July (Day 5):** Heavy rain at a few places with very heavy at isolated places likely over Coast Karnataka and Konkan & Goa; Heavy to very heavy rain at isolated places likely over Interior Karnataka and Telangana; Heavy rain at isolated places over Coastal Andhra Pradesh, Kerala, Gujarat Region, Madhya Maharashtra, Marathwada, Chhattisgarh, Odisha and Jharkhand.

## Agromet Advisories for *Kharif* crops from different AMFUs in the country

### Sate-wise Advisories

#### Andhra Pradesh

- In Scarce Rainfall Zone of Rayalaseema, undertake land preparation and sowing of groundnut (Variety: like K 6, K 9, Dharani, Kadiri, Chitravani and Amaravathi), red gram (Variety: LRG 41, PRG 176 and LRG 52, castor ( variety: like Kranthi, Haritha, Jwala, PCH 111 and DCH 157) and cotton and take up sowing only after receiving cumulative rainfall of more than 50mm.

#### Odisha

- In North Central Plateau Zone, utilizing monsoon showers undertake sowing of arhar (high Yielding varieties: Early-duration- Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha), Black gram (high yielding varieties T-9, Pant U-11, Pant U-19, Pant U-30). Complete nursery sowing of paddy in medium and low lands. Undertake land preparation for Maize.

#### Assam

- In North Bank Plain Zone, undertake transplanting of sali rice (varieties like Ranjit, Mahsuri etc.) in the main field and complete the transplanting within July. If necessary, farmers are advised to sow the seeds of medium and short duration rice varieties like - IR-36, Jaya, Pankaj, Lakhimi, Salpona, Prasadbhog, Gobind bhog etc within July. 25-30 days old seedling of such varieties should be transplanted in the main field. Undertake propping in sugarcane crop.
- In Hill Zone, in heavily flood affected areas, elevated lands should be selected for raising of community nursery to meet the seedling requirement when flood recedes. Complete nursery sowing of recommended varieties having an extended transplanting period (more than 60 days)

like Gitesh and Prafulla. Continue main field preparation and transplanting of sali rice seedlings in medium low land areas.

### **Nagaland**

- Undertake nursery preparation for sowing of TRC/WRC paddy. Undertake timely harvesting in maize and green gram crops. Maintain proper drainage in ginger/turmeric field.

### **Bihar**

- As present weather conditions is favourable, continue sowing of rice nursery for short duration rice. ( Varieties : Sabour deep, Susk samrat, Prabhat, Sita, Abhishek, Shabhagidhan, and Sabour Ardjal and Scented rice var. Sabour surbhit, Sugandha, Kamini, Rajendra suwasini, Rajendra kasturi and Katarni ). Sowing should be done preferably upto 10 July. If long duration seedlings are ready for transplanting, undertake transplanting of rice seedlings in low land areas.
- Undertake hand weeding in early sown *kharif* maize.

### **Jharkhand**

- Complete sowing of direct seeded upland rice (Varieties: Birsa Dhan -108, Birsa Vikas Dhan-109,110 &111, Vandana etc.). Undertake land preparation and sowing of maize, groundnut, pigeon pea and *urd*. Undertake nursery sowing of rice phase wise at interval of 5 days.
- In Central and North Eastern Plateau Zone, continue land preparation and sowing of sesame and soybean (vari. Birsa Soya bean-1 , Birsa safed soya bean etc).

### **West Bengal**

- In Coastal Saline Zone, complete sowing of Aman paddy, make proper drainage facility in the field for avoiding water stagnation.

### **Maharashtra**

- In Konkan, continue transplanting of 22 – 25 days old rice seedling. Drain out excess water from rice nursery/ rice field, orchards and vegetable fields wherever necessary.
- In Madhya Maharashtra, continue sowing of kharif crops such as soybean, black gram, pearl millet, cotton, pigeon pea, maize and groundnut. etc. (selecting improved varieties and with seed treatment and biofertilizers application). Sowing should be done after receipt of sufficient rain in some pockets of Jalgaon district (Muktanagar, Raver taluka), Pune district (Shirur, Daund and Indapur taluka), Solapur district ((Jeur, Malshiras, Sangola taluka ).
- In Marathwada, continue sowing of kharif crops like rainfed Bt cotton, pigeonpea, black gram / green gram, groundnut, maize and also undertake seed treatment before sowing of crops. Farmers are advised to wait for sowing in the areas where sufficient amount of rainfall was not received (Aurangabad district : Paithan, Vaijapur, Beed district : Gevarai, Majlgaon, Kej, Dharur, Shirurkar, Jalna district : Bhokardan, Jafrabad, Jalna, Ambad, Partur, Ghansangavi, Mantha, Latur district : Devani, Nanded district : Nanded, Deglur, Ardhapur, Biloli, Osmanabad district : Osmanabad, Tuljapur, Paranda, Lohara, Parbhani district : Pathri, Jintur, Sonpeth, Manwat, Palam & Selu).
- In West Vidarbha, continue sowing of *kharif* crops like cotton, tur, maize and soybean except in some pockets of Akola district (Telhara taluka) and Buldhana district (Nandura, Shegaon,

Kamgaon). In East Vidarbha, undertake transplanting of 22 to 25 days old rice seedling (12 to 15 cm tall) and transplant 3 plants per hill and for hybrid rice 1 plant per hill. Continue sowing of *kharif* crops like pigeon pea (varieties-AKT-8811, PKV-TARA, BSMR-853, BSMR-736 and ICPL-87119(Aasha)).

### **Rajasthan**

- In East Rajasthan, undertake sowing of crops like red gram, green gram, cowpea, moth, pearl millet, sorghum, maize & cluster bean. Continue preparation of nursery of *kharif* fennel.
- In West Rajasthan, undertake land preparation and sowing of pearl millet, cluster bean, mung bean, moth crops.

### **Jammu & Kashmir**

- In Sub Tropical Zone, undertake main field preparation and transplanting of rice seedlings which have attained 4-6 leaves (varieties: China-1039, IET-1410, Ratna, PC-19, SJR-5 & Jaya). Keep the rice nursery and bund weed free. Undertake sowing of maize crop (var. Vivek-25, Vivek QOM-9, HM-5 and HQPM-1) and sowing of *kharif* moong and mash during clear weather.