

## **Advisory for DD Kisan dated 05.10.18**

**(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)**

### **Significant Weather Features**

- A low pressure area has formed over southeast Arabian Sea & neighbourhood. It is very likely to become more marked during next 12 hours and concentrate into a Depression and move northwestwards during subsequent 24 hours. It is very likely to intensify into a Cyclonic Storm and move towards Oman Coast thereafter. **Rough to very rough Sea Conditions are very likely to prevail over South & central Arabian Sea.** Fishermen are advised not to venture into these areas from 6th October.
- Another low pressure area is likely to form over south Bay of Bengal and neighborhood around 8th October. It is likely to become more marked and move towards Odisha and adjoining north Andhra Pradesh Coasts during the subsequent 72 hours.
- Tamilnadu, Kerala and Lakshadweep are likely to witness widespread rain / thundershowers with heavy / very heavy rains at isolated places during next 45 days. Ghat areas of Tamilnadu and adjoining parts of Kerala are also likely to experience isolated extremely heavy falls around 7th October.
- Southwest monsoon has further withdrawn from entire northeastern states, West Bengal & Sikkim, remaining parts of Bihar & Jharkhand, entire Odisha, most parts of Chhattisgarh and north Bay of Bengal and some more parts of Maharashtra remaining parts of Gujarat State and north Arabian Sea.
- Conditions are becoming favourable for further withdrawal of southwest monsoon from remaining parts of Central India, some parts of Peninsular India and some more parts of Arabian Sea during next 2-3 days. Subsequently southwest monsoon is likely to withdraw from remaining parts of the country and simultaneously northeast monsoon rains are likely to commence over Tamilnadu & Puducherry, Kerala and adjoining parts of Andhra Pradesh and Karnataka around 8th October.

### **Realised Rainfall**

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

- Rainfall observed (from 0830 hours IST of yesterday to 0830 hrs of Today): Rain/thundershowers observed at most places over Kerala, Tamilnadu and Lakshadweep; at many places over Coastal Karnataka, South Interior Karnataka and Andaman & Nicobar and at isolated places over Jammu & Kashmir, Madhya Pradesh, Bihar, SubHimalayan West Bengal & Sikkim, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Rayalaseema and Coastal Andhra Pradesh.
- Heavy rainfall observed at isolated places over Kerala and Interior Tamilnadu from 0830 hours IST of yesterday to 0830 hours IST of today.

## 5 Day Rainfall Forecast (Mid-day) 5<sup>th</sup> October 2018

Met-Sub-Division	05-Oct Today	06Oct Sat	07Oct Sun	08Oct Mon	09Oct Tue
1. Andaman & Nicobar Islands	WS	WS	WS	WS	FWS
2. Arunachal Pradesh	DRY	DRY	ISOL	SCT	ISOL
3. Assam & Meghalaya	ISOL	DRY	ISOL	ISOL	ISOL
4. N. M. M. & T.	ISOL	DRY	DRY	ISOL	ISOL
5. S.H. West Bengal & Sikkim	ISOL	ISOL	ISOL	ISOL	DRY
6. Gangetic West Bengal	DRY	DRY	DRY	DRY	DRY
7. Odisha	DRY	DRY	DRY	DRY	DRY
8. Jharkhand	DRY	DRY	DRY	DRY	DRY
9. Bihar	DRY	DRY	DRY	DRY	DRY
10. East Uttar Pradesh	DRY	DRY	DRY	DRY	DRY
11. West Uttar Pradesh	DRY	DRY	DRY	DRY	DRY
12. Uttarakhand	ISOL	DRY	DRY	DRY	ISOL
13. Haryana, Chd & Delhi	DRY	DRY	DRY	DRY	ISOL
14. Punjab	DRY	DRY	DRY	ISOL	SCT
15. Himachal Pradesh	ISOL	ISOL	DRY	ISOL	SCT
16. Jammu & Kashmir	SCT	ISOL	ISOL	SCT	FWS
17. West Rajsthan	ISOL	DRY	DRY	DRY	ISOL
18. East Rajasthan	ISOL	DRY	DRY	DRY	DRY
19. West Madhya Pradesh	DRY	DRY	DRY	DRY	DRY
20. East Madhya Pradesh	DRY	DRY	DRY	DRY	DRY
21. Gujarat Region	ISOL	ISOL	ISOL	ISOL	ISOL
22. Saurashtra & Kutch	ISOL	ISOL	ISOL	ISOL	ISOL
23. Konkan & Goa	ISOL	ISOL	ISOL	ISOL	SCT
24. Madhya Maharashtra	ISOL	DRY	DRY	ISOL	ISOL
25. Marathwada	ISOL	DRY	DRY	DRY	DRY
26. Vidharbha	DRY	DRY	DRY	DRY	DRY
27. Chhattisgarh	DRY	DRY	DRY	DRY	DRY
28. Coastal Andhra Pradesh	ISOL	ISOL	ISOL	ISOL	ISOL
29. Telangana	ISOL	ISOL	ISOL	ISOL	ISOL
30. Rayalaseema	ISOL	ISOL	ISOL	ISOL	ISOL
31. Tamilnadu & Puducherry	WS	WS	WS	WS	WS
32. Coastal Karnataka	WS	FWS	WS	WS	WS
33. North Interior Karnataka	ISOL	ISOL	ISOL	SCT	ISOL
34. South Interior Karnataka	FWS	FWS	FWS	FWS	FWS
35. Kerala	WS	WS	WS	WS	WS
36. Lakshadweep	WS	WS	WS	WS	WS

### % Station Reporting Rainfall

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

## Weather Warning

- **05 October (Day 1):** Heavy to very heavy rain very likely at isolated places over Tamil nadu & Puducherry ,Kerala and Lakshadweep & heavy rain at isolated places over coastal & South Interior Karnataka.

Thunderstorm accompanied with lightning and gusty winds very likely at isolated places over Tamilnadu, Kerala, Coastal Andhra Pradesh, Telangana and Coastal Karnataka.

Rough to very rough Sea Conditions are likely to prevail over Comorin - Lakshadweep areas and South east Arabian Sea.

Fishermen are advised not to venture into these areas.

- **06 October (Day 2):** Heavy to very heavy rain likely at isolated places over Tamilnadu & Puducherry, Lakshadweep and Kerala and heavy rain at isolated places over Andaman & Nicobar Islands, Coastal & South Interior Karnataka.

Thunderstorm accompanied with lightning and gusty winds very likely at isolated places over Tamilnadu, Kerala, Coastal Andhra Pradesh, Telangana and Coastal Karnataka.

Rough to very rough Sea Conditions are likely to prevail over South & central Arabian Sea and Comorin - Lakshadweep areas.

Fishermen are advised not to venture into these areas. Andaman & Nicobar Islands, Coastal & South Interior Karnataka.

- **07 October (Day 3):** Heavy to very heavy rain with extremely heavy falls very likely at isolated places over Tamilnadu and Kerala and heavy to very heavy rain at isolated places over Lakshadweep and heavy rain at isolated places over Andaman & Nicobar Islands, Coastal & South Interior Karnataka.

Thunderstorm accompanied with lightning and gusty winds very likely at isolated places over Tamilnadu, Kerala, Coastal Andhra Pradesh, Telangana and Coastal Karnataka.

Rough to very rough Sea Conditions are likely to prevail over South & central Arabian Sea. Fishermen are advised not to venture into these areas.

- **08 October (Day 4):** Heavy to very heavy rain likely at isolated places over Tamilnadu & Puducherry and Kerala and heavy rain at isolated places over Andaman & Nicobar Islands and Coastal & South Interior Karnataka.

Thunderstorm accompanied with lightning and hail storms likely at isolated places over Jammu & Kashmir and Himachal Pradesh.

Rough to very rough Sea Conditions are likely to prevail over South & central Arabian Sea. Fishermen are advised not to venture into these areas.

- **09 October (Day 5):**♦ Heavy rain likely at isolated places over Tamilnadu & Puducherry and Kerala.

Thunderstorm accompanied with lightning and hail storms likely at isolated places over Jammu & Kashmir and Himachal Pradesh.

Rough to very rough Sea Conditions are likely to prevail over South & central Arabian Sea. Fishermen are advised not to venture into these areas.

### **Advisory for Fishermen**

- Rough to very rough Sea conditions are likely to prevail over **South & central Arabian Sea** and **Comorin Lakshadweep** areas on 5<sup>th</sup> and 6<sup>th</sup>, over South & central Arabian Sea from 7<sup>th</sup> to 9<sup>th</sup> October. Fishermen are advised not to venture into these areas.

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

## Salient advisories

- As rain/thundershowers likely at most places over **Kerala and Tamil Nadu**, at most/many places over **Coastal Karnataka** and at many places over **South Interior Karnataka** during the period along with heavy to very heavy rain with extremely heavy falls very likely at isolated places over **Tamilnadu** and **Kerala** on 7th, heavy to very heavy rain very likely at isolated places over **Tamilnadu & Puducherry** and **Kerala** on 5th, 6th, and 8th, heavy rain at isolated places over Coastal & South Interior Karnataka from 5th to 8th, over **Tamilnadu & Puducherry** and **Kerala** on 9th October, avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Provide adequate drainage in crop fields to avoid water stagnation. Keep harvested produce at safe places.
- As thunderstorm accompanied with lightning and gusty winds very likely at isolated places over **Tamilnadu, Kerala, Coastal Andhra Pradesh, Telangana and Coastal Karnataka** from 5th to 7th, provide support to banana, young fruit plants and staking in vegetables and undertake propping in sugarcane to prevent the crops from lodging due to strong winds. Keep harvested produce at safe places. Keep the cattle indoor during thunderstorm period. Keep harvested produce at safe places. Keep cattle indoor during thunderstorm period.
- As thunderstorm accompanied with lightning and hail storm likely at isolated places over **Jammu & Kashmir and Himachal Pradesh** on 8th and 9th October, use hail net for orchard crops to protect from mechanical damage. Provide support to young fruit plants and staking in vegetables to prevent the crops from lodging due to strong winds and keep cattle indoor. Keep harvested produce at safer places.

## State-wise Advisories

### Andhra Pradesh

- In Coastal Andhra Pradesh, undertake land preparation for sowing of Rabi pulses.
- In Rayalaseema, undertake sowing of Rabi red gram varieties like LRG 52, ICPL 85063, ICP 8863, PRG 176 in left over fields in the district under assured irrigation. Procure seeds of high yielding Rabi chickpea varieties like NBeG 3, NBeG 47, and NBeG 49. Take up sowing after receiving sufficient rainfall.

### Telangana

- Take up sowing of Rabi groundnut under irrigated situation.

### Karnataka

- In South Interior Karnataka, undertake harvesting of matured groundnut crop after current spells of rain. Continue land preparation for sowing of rabi crops. In rice field, maintain 2.5 to 5 cm water.
- In North Interior Karnataka, undertake sowing of rainfed wheat (Bijga yellow, DWR-137 (kiran), DWD-2006), continue sowing of Bengal gram (JG ICCV-10), sunflower, sorghum, chickpea, safflower, red gram crops. Complete harvesting of soybean.

## **Jammu& Kashmir**

- In Sub Tropical Zone, continue harvesting of early maturing varieties of rice and maize. Undertake sowing of gobi sarson (GSL-1, DGS-1) crop under conserved soil moisture.

## **Assam, Meghalaya, Arunachal Pradesh, Nagaland and Tripura**

- In Assam continue sowing of rabi maize upto the first fortnight of October.
- In Meghalaya prepare nursery bed for sowing of cole crops, root crops and cucurbits. Continue sowing of French bean and cow pea.
- In Arunachal Pradesh undertake harvesting of early transplanted matured kharif rice and Jhum rice. Maintain proper water level in normal transplanted rice.
- In Tripura, undertake land preparation for sowing of sesamum, black gram and green gram. Avoid stagnation of water in groundnut field.
- In Nagaland undertake land preparation for Rabi maize.

## **Punjab, Haryana**

- In Punjab, apply irrigation in rice, vegetables and fruit crops. Undertake harvesting of matured maize. Continue picking up of matured cotton bolls.
- In Haryana, continue field preparation for sowing of mustard. Continue harvesting of timely sown bajra, guar, green gram, black gram and picking up of matured cotton bolls.
- In Delhi, continue sowing early mustard and planting of early potato. Continue sowing of early pea. Continue sowing of sarson saag (Pusa saag-1),
- In Punjab, for control of sheath blight disease in rice, spray Amistar Top 325 SC @ 200ml/acre dissolved in 200 litres of water.

## **Uttar Pradesh**

- In East Uttar Pradesh, continue sowing of toria. Continue harvesting of matured maize, sesame, green gram and black gram. Apply irrigation in rice.

## **Rajasthan**

- In East Rajasthan, undertake field preparation for sowing of rabi crops. Continue field preparation for sowing of early pea, Taramira and mustard. Continue planting of fruit crops like mango, plum, pomegranate, aonla etc. Continue harvesting of matured maize, black gram and soybean. Continue picking up of matured pods of cluster bean (guar), green gram, moth bean and cowpea. In Sub Humid Southern Plain and Aravali Hill Zone, continue sowing of mustard and gram.
- In West Rajasthan, continue harvesting of early moong, moth bean and cluster bean. Apply irrigation in groundnut and cotton.

## **Maharashtra**

- In Konkan, maintain water level of 5-10 cm in rice field. Continue harvesting of early rice varieties.
- In Madhya Maharashtra, continue preparatory tillage operations for rabi sorghum, gram and safflower. In rice fields, maintain water level 5 to 10 cm. Undertake sowing of rabi sorghum and chickpea. Continue harvesting of matured soybean and pearl millet. Keep the harvested produce in

safer place. To control neck/ node blast in rice, spray copper oxy-chloride @ 25 g or Carbendazim @ 10 g per 10 litres of water.

- In Marathwada, apply protective irrigation to groundnut, vegetables and orchards (in Parbhani, Aurangabad, Jalna, Hingoli, Beed, Osmanabad, Latur, Nanded, districts). Continue harvesting of kharif soybean, sorghum and pearl millet. Undertake land preparation for sowing of wheat, chick pea and safflower.
- In West Vidarbha, continue harvesting of short duration matured soybean. Continue sowing of safflower, linseed and chickpea. In East Vidarbha, maintain water level 5 to 10 cm in rice fields, undertake harvesting of matured soybean.

## Gujarat

- In Saurashtra & Kutch, undertake field preparation for sowing of rabi sorghum, garlic, chickpea where sesame/pearl millet/pulses crops have been harvested and where irrigation facility is available. Complete harvesting of groundnut, bajara, green gram and other crops.
- In North Gujarat, complete harvesting of bajra, maize and picking of cow pea and green gram.

## Madhya Pradesh

- In West Madhya Pradesh, continue harvesting of pearl millet, green gram, black gram, soybean and vegetables. Continue transplanting of new saplings of orchards. In Central Narmada Valley Zone, continue sowing of mustard, toria and safola. Continue field preparation for sowing of early pea.
- In East Madhya Pradesh, continue harvesting of matured soybean and groundnut. Undertake sowing of gram, mustard and toria.
- In Kymore Plateau and Satpura Hill Zone, apply irrigation in rice. Undertake harvesting of soybean. Continue nursery preparation for early season rabi vegetables. Undertake sowing of pea.

## Chhattisgarh

- Continue harvesting of matured crops like mung, urad, maize, rice, groundnut, finger millet etc. Continue sowing of rabi crops like gram, linseed, lentil, toria, mustard, green pea.
- In Bastar Plateau Zone, continue harvesting of early varieties of rice. Continue sowing of toria.

## Odisha

- Continue sowing of pulses like moong, urd, horse gram etc. Complete the sowing of sesamum as early as possible utilizing recent rainfall.
- Maintain water level upto 5cm in rice fields.

## Bihar

- Continue harvesting of matured kharif maize. Prepare the fields and undertake sowing of early potato and toria.

## West Bengal

- In Sub-Himalayan West Bengal, undertake harvesting of mature capsules of large cardamom. Continue preparation of seed bed for early winter vegetables crops..
- In Gangetic West Bengal, keep 2-3 inch water level in the Aman paddy field.