

Advisory for DD Kisan dated 07.12.18
(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)

Significant Weather Features

- The cyclonic circulation over equatorial Indian Ocean and adjoining Southwest Bay of Bengal persists and now extends upto 4.5 km above mean sea level.
- The trough of low at mean sea level over Southeast Bay of Bengal and adjoining equatorial Indian Ocean persists and now extends upto 3.1 km above mean sea level. Under the influence of this trough of low, a low pressure area is likely to develop in the same region during next 48 hours. It is likely to become more marked thereafter.
- Another western disturbance as trough in lower & mid-tropospheric westerlies with its axis at 3.1 km above mean sea level runs roughly along Long. 62° E to the north of Lat. 30° N. It is likely to affect western Himalayan region from 8th and plains of northwest India from 9th December.
- No significant change in minimum temperature likely over the Indian region during the next 3 days.
- Dense to very dense fog observed at isolated places over Punjab and Himachal Pradesh; Moderate fog observed at isolated places over Assam & Meghalaya.

Realised Rainfall

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

- Rain/Thundershower observed at many places over Andaman & Nicobar Islands and at isolated places over Himachal Pradesh, Coastal Andhra Pradesh, Tamilnadu & Puducherry and Kerala.

5 Day Rainfall Forecast (Mid-day) 7th December 2018

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

% Station Reporting Rainfall

% Stations	Category	% Stations	Category
76-100	Widespread (DRS/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

- **07 December (Day 1):** Shallow to moderate fog at few places with isolated dense fog is very likely over Punjab, Haryana, Himachal Pradesh, Uttarakhand, West Uttar Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **08 December (Day 2):** Shallow to moderate fog at few places with isolated dense fog is very likely over Punjab, Haryana, Himachal Pradesh, Uttarakhand, West Uttar Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
Squally weather is likely to prevail over southeast and adjoining Equatorial Indian Ocean. Fishermen are advised not to venture into these areas.

- **09 December (Day 3):** Heavy rain likely at isolated places over Andaman & Nicobar Islands. Shallow to moderate fog at few places with isolated dense fog is very likely over Punjab, Haryana, Himachal Pradesh, Uttarakhand and West Uttar Pradesh. Squally weather is likely to prevail over southeast & central parts of south Bay and adjoining Equatorial Indian Ocean. Fishermen are advised not to venture into these areas.
- **10 December (Day 4):** Heavy rain/snow likely at isolated places over Jammu & Kashmir. Heavy rain likely at isolated places over Andaman & Nicobar Islands. Squally weather is likely to prevail over central parts of south Bay and adjoining Equatorial Indian Ocean. Fishermen are advised not to venture into these areas.
- **11 December (Day 5):** No weather Warning.

Salient Advisories

- As squally weather is likely to prevail over southeast and adjoining Equatorial Indian Ocean on 8th, over southeast & central parts of south Bay and adjoining Equatorial Indian Ocean on 9th and 10th December. Fishermen are advised not to venture into these areas.
- As rain/thundershowers likely at many places over Andaman & Nicobar Islands from 8th to 11th, along with heavy rain likely at isolated places on 9th and 10th, rain/snow likely at many places over Jammu & Kashmir on 10th, along with heavy rain/snow at isolated places on 10th December avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops.
- As shallow to moderate fog at few places with isolated dense fog very likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 7th and 8th, over Punjab, Haryana, Himachal Pradesh, Uttarakhand, West Uttar Pradesh from 7th to 9th December, monitor the standing crops for incidence and spread of pest diseases, tomato and onion crops for early/late blight disease. If symptoms are noticed, undertake appropriate plant protection measures.

State-wise Advisories

Jammu & Kashmir

- As rain/snow likely at many places over Jammu & Kashmir along with heavy rain/snow at isolated places on 10th December, avoid irrigation, intercultural operation, application of plant protection measures and fertilizers to the standing crops.
- In Valley Temperate Zone, provide drainage channels in the fields wherever there is probability of water accumulation during winter months.

Arunachal Pradesh, Meghalaya, Manipur and Tripura

- In Arunachal Pradesh, continue harvesting of *kharif* rice at the earliest. Complete harvesting of soybean. Continue sowing of mustard, pea/gram in rice fallow and transplanting of *rabi* vegetables.
- In Meghalaya, to control Sheath blight and Sheath rot in *Sali* rice, spray Hexaconazole @ 1ml/litre of water at 15 days interval.
- In Manipur, complete sowing of mustard and rapeseed, pea, lentil, soybean, groundnut, black gram, *etc.* Undertake land preparation and sowing of *rabi* maize.
- In Tripura, Undertake nursery bed preparation for sowing of *Boro* rice. Continue sowing of *rabi* legumes like *toria*, sesame, lentil and planting of potato.

West Bengal

- In Sub-Himalayan West Bengal, continue sowing of lentils after harvesting of *Aman* rice.
- In Gangetic West Bengal, continue sowing of *boro* rice. Maintain a thin layer of water over the seed bed. Continue planting potato and sowing of lentil

Uttarakhand

- Complete sowing of late wheat crop as early as possible. Carry out mulching in Cole crops in valley region.
- In Sub Humid Sub Tropic Zone, continue sowing of late varieties of wheat. Maintain proper soil moisture before sowing of wheat. Undertake sowing of wheat after harvesting of ratoon crop of sugarcane at the earliest. Apply irrigation if required.

Punjab, Haryana & Delhi

- In Punjab, complete the sowing of *raya* and wheat. Continue harvesting of matured maize, green gram. Complete transplanting of Pea, tomato and provide polythene sheet/Sarkanda/Kahi/ rice straw to save the plants from frost.
- 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. Undertake sowing of mustard, barley, gram, wheat and oats. Complete the sowing of berseem.
- In Delhi, continue sowing of gram on raised bed. Continue sowing early mustard, pea and planting of early potato. Continue field preparation for sowing of wheat. Undertake sowing of oat and barseem. Undertake late sowing of wheat crop.
- In **Punjab**, due to foggy weather, farmers are advised to monitoring of mustard crop against attack of white rust. If infection is high, spray Dithane-M-45 @ 2 gm/ litre of water.

Maharashtra

- In Konkan region, continue nursery bed preparation for *rabi* rice and preparatory tillage operations for *rabi* groundnut. Apply irrigation to groundnut crop.
- In Madhya Maharashtra region, continue harvesting of matured *kharif* rice, Complete sowing of wheat before 15th December.

- In Marathwada, continue picking of cotton. Complete sowing of wheat before 15th December. Apply protective irrigation in sapota orchard. Also undertake mulching to maintain soil moisture.
- In West Vidarbha, continue picking of cotton. Apply protective irrigation to pigeon pea, maize and sorghum

Madhya Pradesh

- In East Madhya Pradesh, continue sowing of gram, lentil and linseed. Continue sowing of wheat. In West Madhya Pradesh, continue sowing of wheat.
- In Satpura Plateau Zone, to control pod borer in pigeon pea, spray Indoxacarb @ 120 g/acre dissolved in 200 litres of water.

Chhattisgarh

- Continue harvesting of matured rice crop. Complete sowing of early maturing varieties of wheat by 10th December. Continue sowing of gram, safflower, linseed, sunflower, groundnut and lentil crops. Apply irrigation in wheat at Crown Root Initiation (CRI) stage.
- In Bastar Plateau Zone, continue sowing of wheat and gram. Undertake field preparation for planting of *rabi* colocasia and bunda.

Rajasthan

- In Flood Prone Eastern Plain Zone and Semi-Arid Eastern Plain Zone, undertake, sowing of late sown wheat.
- In Arid Western Plain Zone, undertake sowing of wheat and barley. In Sub Humid Southern Plain and Aravali Hill Zone, continue sowing of wheat and barley.

Kerala

- In Central Zone, to control army worm in rice, spray Chlorantraniliprole @ 3 ml per 10 litre of water in the field, bunds and weeds.

Tamil Nadu

- In High Altitude Hilly Zone, to protect the hill horticulture crops from low temperature during the coming months, mulching technique can be done.
- In High Rainfall Zone, to control stem borer and leaf folder in rice spray Chlorantraniliprole 0.3 ml/l or Flubendiamide 0.1ml/litre.

Karnataka

- In North Interior Karnataka, complete the harvesting of matured sugarcane crop within 8-10 days.
- In North Interior Karnataka, to control brown plant hopper in late transplanted rice crop, spray Thiamethoxam 25 WDG @ 0.2 g or Imidacloprid @ 0.3 ml / litre of water.

Andhra Pradesh

- In South Coastal Andhra Pradesh, continue sowing of pulses groundnut and Bengal gram. Continue picking of cotton.
- In Rayalaseema, undertake sowing of groundnut, sunflower, redgram, maize and fodder crops.

Telangana

- Continue nursery sowing of rice in the state. Early sowing may be taken up to avoid the damage due to unseasonal rains & hailstorms during maturity.
- In Northern Telangana zone of Telangana, to control Maruca and Helicoverpa in redgram, spray Chlorpyrifos @ 2.5 ml or Novaluron @ 0.75 ml along with Dichlorvos @ 2.0 ml per litre of water.