

**Advisory for DD Kisan dated 11.12.18**  
**(Agromet Advisories mentioned in the inputs are prepared**  
**by different Agromet Field Units in the country)**

**Significant Weather Features**

- A well marked low pressure area lies over central parts of south Bay of Bengal and adjoining Equatorial Indian Ocean. Associated cyclonic circulation extends upto 5.8 km above mean sea level. It is likely to concentrate into a depression during next 24 hours and intensify further into a deep depression during subsequent 24 hours. It is very likely to move towards south Andhra & adjoining north Tamilnadu coasts during next 72 hours.
- The western disturbance as a cyclonic circulation lies over north Pakistan and adjoining Jammu & Kashmir at 3.1 km above mean sea level with a trough aloft with its axis at 5.8 km mean sea level now runs roughly along Long. 70°E to the north of Lat. 30°N. An induced cyclonic circulation lies over west Rajasthan & neighbourhood and extends upto 1.5 km above mean sea level. Under the influence of these systems, isolated to scattered precipitation likely over western Himalayan region during next 48 hours and isolated rainfall over adjoining plains during next 24 hours.

**Realised Rainfall**

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

- Rain/snow observed at most places over Andaman & Nicobar Islands; at many places over Jammu & Kashmir; at a few places over Chhattisgarh and isolated places over Himachal Pradesh, Rajasthan, Gujarat Region, East Madhya Pradesh, Jharkhand, Odessa, Telangana and Tamilnadu.

## 5 Day Rainfall Forecast (Mid-day) 11<sup>th</sup> December 2018

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

### % 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

- 11 December (Day 1):** Dense fog at isolated places is very likely over Punjab, Haryana and Chandigarh & Delhi.  
 Squally wind speed reaching 40-50 kmph gusting to 60 kmph likely over central parts of south Bay of Bengal and adjoining equatorial Indian ocean. Sea condition likely to be rough to very rough. Fishermen are advised not to venture into these areas.

- **12 December (Day 2):** Dense fog at isolated places is very likely over Punjab, Haryana, Chandigarh & Delhi and West Uttar Pradesh.  
Squally wind speed reaching 45-55 kmph gusting to 60 kmph likely over central parts of south Bay of Bengal and adjoining equatorial Indian ocean. Sea condition likely to be rough to very rough. Fishermen are advised not to venture into these areas.
- **13 December (Day 3):** Dense fog at isolated places is very likely over Punjab, Haryana, Chandigarh & Delhi and West Uttar Pradesh.  
Squally wind speed reaching 55-65 kmph gusting to 75 kmph likely over southwest Bay of Bengal and adjoining equatorial Indian ocean. Sea condition likely to be rough to very rough. Fishermen are advised not to venture into these areas.
- **14 December (Day 4):** Squally wind speed reaching 55-65 kmph gusting to 75 kmph likely over southwest Bay of Bengal and adjoining equatorial Indian ocean. Sea condition likely to be rough to very rough. Fishermen are advised not to venture into these areas.
- **15 December (Day 5):** Heavy rain at isolated places likely over south interior Karnataka and Tamilnadu .  
Squally weather is very likely to prevail over Equatorial Indian Ocean and adjoining central parts of south Bay of Bengal.  
Squally wind speed reaching 50-60 kmph gusting to 70 kmph likely over southwest and adjoining west central Bay of Bengal. Sea condition likely to be rough to very rough. Fishermen are advised not to venture into these areas.

### **Salient Advisories (For fishermen)**

Squally wind speed reaching **40-50 kmph gusting to 60 kmph** likely over central parts of **south Bay of Bengal and adjoining equatorial Indian ocean** during next 48 hours and Squally wind speed reaching **55-65 kmph gusting to 75 kmph** on 13<sup>th</sup> and 14<sup>th</sup> and Squally wind speed reaching **50-60 kmph gusting to 70 kmph** on 15<sup>th</sup> December . Sea condition likely to be rough to very rough. Fishermen are advised not to venture into these areas.

### **Fog and Advisories**

#### **Realised:**

- **Dense** to very dense fog observed at isolated places over Chhattisgarh; moderate fog at isolated places over Delhi, Uttar Pradesh, Vidarbha, South Interior Karnataka and Tamilnadu.

#### **Forecast:**

- **Shallow** to moderate fog at isolated places in morning hours is very likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during next 4-5 days.

**Warning:**

- As Dense fog at isolated places is very likely over Punjab, Haryana and Chandigarh & Delhi during next 3 days, over West Uttar Pradesh on 12<sup>th</sup> and 13<sup>th</sup> 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**

- In Sub Tropical Zone, continue sowing of late sown wheat crop.
- In Intermediate Zone, undertake sowing of late sown varieties of wheat after ensuring rain.

**Himachal Pradesh**

- Continue sowing of wheat and Barley.

**Assam**

- In Barak Valley Zone, Lower Bramhaputra Valley Zone and Upper Bramhaputra Valley zone, continue harvesting of already matured *Sali* rice. Undertake field preparation for transplanting *Boro* rice.

**Bihar**

- In South Bihar Alluvial Zone, give irrigation to rabi maize and wheat, complete sowing of gram.

**Punjab, Haryana & Delhi**

- In Punjab, complete 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 Delhi, undertake late sowing of wheat crop. In mustard, to control white rust spray Dithane-M-45 @ 2 gram/ litre of water. To control late blight in potato, Spray of Mancozeb @ 2 gram/ litre of water along with tepol (sticky material) in the seed potato crop.

**Maharashtra**

- In Konkan region, continue preparatory tillage operations for *rabi* groundnut. Complete nursery bed preparation for *rabi* rice before 20<sup>th</sup> December
- In Madhya Maharashtra region, continue harvesting of matured *kharif* rice, Complete sowing of wheat before 15<sup>th</sup> December. Undertake mulching with dry leaves, dry grass, straw (7 to 8 cm layer) in mango orchards, to reduce soil moisture loss by evaporation. As minimum temperature

is likely to be below 10<sup>0</sup>C in next 3-5 days in Jalgaon, Nashik, Satara and Sangli districts, apply irrigation to orchards and standing crops during evening hours.

- In Marathwada, continue picking of cotton. Apply irrigation to *rabi* groundnut .
- In West Vidarbha, continue picking of cotton. Apply protective irrigation to pigeon pea, maize and sorghum. In East Vidarbha, Undertake nursery bed preparation for summer rice

### **Kerala**

- In Central Zone, to control Brown spot, Blast and Bacterial Leaf Blight disease in rice, spray Pseudomonas @ 20g per litre of water.

### **Karnataka**

- In Eastern Dry zone, undertake harvesting of Kharif crops like ragi, maize and groundnut.
- In Southern Dry zone, continue harvesting of rice and other kharif crops.

### **Andhra Pradesh**

- In Rayalaseema, continue sowing of rabi groundnut. In rice, to control Leaf folder spray Chloripyriphos 2.5 ml+Dichlorovos @ 1ml/litre. In cotton, to control sucking pest spray Imidachloprid @ 0.4ml/litre.
- In Southern Zone, in blackgram and green gram, to control Leaf spot and Powdery mildew, spray Mancozeb @ 2.5 g or Carbandazim @ 1 g or Thiophenate methyl @ 1 g./L of water.