

**Advisory for DD Kisan dated 01.02.19**  
**(Agromet Advisories mentioned in the inputs are prepared**  
**by different Agromet Field Units in the country)**

**Significant Weather Features**

- The Western Disturbance along with its induced cyclonic circulation is likely to cause scattered to fairly widespread rain/snow over western Himalayan region and isolated rain/thundershowers over plains of northwest India today.
- Dense to very dense fog at isolated places is very likely over northwest India on 2<sup>nd</sup> & 3<sup>rd</sup> February after the passage of the western disturbance.
- A fresh western disturbance is likely to affect western Himalayan region and adjoining plains of northwest India from 4<sup>th</sup> February. This system is likely to cause fairly widespread to widespread rain/snow over western Himalayan region and scattered to fairly widespread rainfall over northern plains during 5<sup>th</sup> -7<sup>th</sup> February.

**Realised Rainfall**

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

- Rain/Snow observed (from 0830 hrs IST of yesterday to 0830 hrs IST of today): Rain/snow occurred at most places over Jammu & Kashmir and Himachal Pradesh; at isolated places over Uttarakhand.
- Rain/thundershowers observed (from 0830 hrs IST of yesterday to 0830 hrs IST of today): Rain/thundershowers observed at isolated places over West Rajasthan, East Uttar Pradesh, Tamilnadu and Punjab.

## 5 Day Rainfall Forecast (Mid-day)

1<sup>st</sup> February 2019

Met-Sub-Division	01-Feb Today	02Feb Sat	03Feb Sun	04Feb Mon	05Feb Tue
1. Andaman & Nicobar Islands	ISOL	ISOL	ISOL	ISOL	ISOL
2. Arunachal Pradesh	ISOL	ISOL	ISOL	DRY	DRY
3. Assam & Meghalaya	DRY	DRY	DRY	DRY	DRY
4. N. M. M. & T.	DRY	DRY	DRY	DRY	DRY
5. S.H. West Bengal & Sikkim	ISOL	ISOL	ISOL	DRY	DRY
6. Gangetic West Bengal	ISOL	DRY	DRY	DRY	DRY
7. Odisha	DRY	DRY	DRY	DRY	DRY
8. Jharkhand	ISOL	DRY	DRY	DRY	DRY
9. Bihar	ISOL	DRY	DRY	DRY	DRY
10. East Uttar Pradesh	DRY	DRY	DRY	DRY	ISOL
11. West Uttar Pradesh	ISOL	DRY	DRY	DRY	SCT
12. Uttarakhand	SCT	DRY	DRY	ISOL	FWS
13. Haryana, Chd & Delhi	ISOL	DRY	DRY	DRY	SCT
14. Punjab	ISOL	DRY	DRY	ISOL	FWS
15. Himachal Pradesh	SCT	ISOL	DRY	FWS	WS
16. Jammu & Kashmir	FWS	ISOL	ISOL	FWS	WS
17. West Rajasthan	ISOL	DRY	DRY	ISOL	ISOL
18. East Rajasthan	ISOL	DRY	DRY	ISOL	ISOL
19. West Madhya Pradesh	DRY	ISOL	ISOL	DRY	DRY
20. East Madhya Pradesh	DRY	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	ISOL	DRY	DRY	DRY
25. Marathwada	DRY	ISOL	DRY	DRY	DRY
26. Vidharbha	DRY	ISOL	DRY	DRY	DRY
27. Chhattisgarh	DRY	DRY	DRY	DRY	DRY
28. Coastal Andhra Pradesh	DRY	DRY	DRY	DRY	DRY
29. Telangana	DRY	DRY	DRY	DRY	DRY
30. Rayalaseema	DRY	DRY	DRY	DRY	DRY
31. Tamilnadu & Puducherry	ISOL	DRY	ISOL	ISOL	ISOL
32. Coastal Karnataka	DRY	DRY	DRY	DRY	DRY
33. North Interior Karnataka	DRY	DRY	DRY	DRY	DRY
34. South Interior Karnataka	DRY	DRY	DRY	DRY	DRY
35. Kerala	ISOL	DRY	DRY	DRY	ISOL
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

- **01 February (Day 1):** Dense to very dense fog at isolated places very likely over Punjab, Haryana, Chandigarh & Delhi, north Rajasthan and West Uttar Pradesh and Dense fog very likely at isolated places over northwest Madhya Pradesh.  
Cold wave conditions in isolated pockets very likely over Odisha and Gujarat State.
- **02 February (Day 2):** Dense to very dense fog at isolated places over Punjab, Haryana, Chandigarh & Delhi, north Rajasthan and West Uttar Pradesh  
Cold wave conditions in isolated pockets very likely over Gujarat State.
- **03 February (Day 3):** Dense fog at isolated places over Punjab, Haryana, Chandigarh & Delhi, north Rajasthan and West Uttar Pradesh
- **04 February (Day 4):** No weather warning.
- **05 February (Day 5):** No weather warning.

## **Salient Advisories**

### **Cold wave and ground frost and Advisories**

#### **Realized**

- Cold wave to severe cold wave conditions prevailed in isolated parts over Odisha, Gengetic West Bengal and Vidarbha, Saurashtra & Kutch, East Rajasthan, East Madhya Pradesh, Chhattisgarh and Telangana during last 24 hours

#### **Warning**

- Cold wave conditions in isolated pockets very likely over Gujarat State for next 2 days and over Odisha during next 24 hours.

#### **Advisory**

- Apply light and frequent irrigation/sprinkler irrigation in the evening to protect the crops from cold injury. To protect young fruit plants from cold winds, cover young fruit plants with straw/polythene sheets/gunny bags in above regions. To overcome cold injury and for better nursery growth in rice, cover the nursery beds with polythene sheet during night and remove in the morning. Irrigate the nursery every day in the evening and let the water out in the morning.

### **Fog and Advisories**

#### **Realized**

- Dense to very dense fog observed at isolated places over West Rajasthan; Moderate fog at isolated places over Jammu & Kashmir at 0830 hours IST of today.

#### **Warning**

- Dense to very dense fog at isolated places very likely over Punjab, Haryana, Chandigarh & Delhi, north Rajasthan and West Uttar Pradesh and Dense fog very likely at isolated places over northwest Madhya Pradesh during next 2 days and Dense fog on 3<sup>rd</sup> February.

#### **Advisory**

- Monitor potato crop for early/late blight disease. If symptoms are noticed, undertake appropriate plant protection measures.

## State-wise Advisories

### Assam, Manipur, Tripura & Arunachal Pradesh

- In Upper Brahmaputra Valley Zone of Assam, undertake land preparation for early planting of sugarcane and in rice to control stem borer, spray Chlorpyrifos 20 EC or Quinalphos 25 EC @70-80 ml per 70-80 litre of water per bigha.
- In Manipur, continue nursery raising of pre- kharif rice. To control aphid in potato, spray Cypermethrin 20 EC@1ml per litre of water.
- In Tripura, complete transplanting of *Boro* rice. To control, aphids in toria, sesame, lentil, spray Monocrotophos @ 2ml per liter of water.

### Jammu & Kashmir

- In Sub Tropical Zone and Valley Temperate Zone, provide drainage channels in wheat, saffron and vegetable fields and postpone application of fertilizers and plant protection measures as rainfall is expected in many places on 1st and 4th February and most places on 5<sup>th</sup> .
- In Intermediate Zone, in wheat to control yellow rust infestation apply Propiconazole (Tilt) 25 EC @ 0.1 % per litre of water after current spells of rain.

### Gujarat

- In North West Zone in cumin and mustard, to control aphid spray Dimethoate @10ml or Phosphamidon @ 3ml adding in 10 liters of water. Undertake harvesting of the matured spikes of castor in early morning hours.
- In South Sourashtra Zone, in chick pea, to control Prodenia and Heliothis spray Quinalphos @ 20 ml in 10 litre of water.
- In Middle Gujarat, in potato, to control blight, spray Mencozeb 0.2% @ 25 gram in 10 litres of water.

### Uttarakhand

- In Bhabar and Tarai Zone, undertake land preparation for planting of spring season sugarcane.
- In Hill Zone, maintain proper drainage in vegetable fields. Undertake nursery sowing of tomatoes, capsicum, brinjal, and cucurbitaceous crops in poly house.

### Rajasthan

- In Sub Humid Southern Plain and Aravali Hill Zone Undertake field preparation for summer groundnut
- In Arid Western Plain Zone, to control heliothis in gram, spray Quinolphos 25 EC @ 1200 ml per ha or Indoxicarb @200 ml per ha along with water at the time of flowering and repeat the spray if required.

### **Maharashtra**

- In Madhya Maharashtra continue sowing of summer groundnut, planting of sugarcane and undertake harvesting of sorghum and gram.
- In Marathwada undertake harvesting of early sown chick pea.
- In Vidarbha, undertake sowing of summer groundnut, sunflower and sesamum

### **Andhra Pradesh**

- In North Coastal Andhra Pradesh complete sowing of sesamum.
- In Rayalaseema in groundnut to control sucking pests spray Monochrotophos@1.6 ml/litre or Imidacloprid 0.3ml/litre or Dimethoate @ 2 ml/litre

### **Telangana**

- In Telangana, continue sowing of summer Greengram, Blackgram and sesamum with irrigation facilities.
- In Telangana prevailing low temperature and foggy weather is congenial for the incidence of Blast disease in rice. Spray Tricyclazole @ 0.6 g or Isoprothiolane @ 1.5 ml or Kasugamycin @ 2.5 ml per litre of water twice in 10-15 days interval.