

**Advisory for DD Kisan dated 22.01.19**  
**(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)**

**Significant Weather Features**

- The current Western Disturbance is very likely to continue to affect Western Himalayan region and adjoining plains of northwest India during next 2 days.
- Under its influence, widespread rain/snow with isolated heavy snowfall very likely over Western Himalayan region during next 24 hours.
- Fairly widespread rainfall activity likely over Haryana, Chandigarh & Delhi and West Uttar Pradesh during next 24 hours decrease thereafter and isolated to scattered rainfall likely over north Rajasthan & East Uttar Pradesh during next 48 hours.
- Hailstorm likely over north Madhya Pradesh on 24<sup>th</sup> and over East Madhya Pradesh and Chhattisgarh on 25<sup>th</sup>.
- Strong surface winds speed reaching occasionally 20-30 kmph gusting to 40 kmph are also likely over plains of northwest India during next 24 hours

**Realised Rainfall**

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

- **Realised:** Rain/Snow occurred at most places over Jammu & Kashmir, Himachal Pradesh & Uttarakhand. Rainfall/Snowfall recorded at 0830 hours IST of today.

## 5 Day Rainfall Forecast (Mid-day) 22<sup>nd</sup> January 2019

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

- 22 January (Day 1):** Heavy to very heavy rain/snow at isolated places very likely over Himachal Pradesh and heavy rain/snow over Jammu & Kashmir and Uttarakhand. Dense to very dense fog at isolated places very likely over Coastal Odisha. Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph likely over equatorial Indian Ocean adjoining southwest Bay of Bengal. Fishermen are advised not to venture into these areas.

- **23 January (Day 2):** Dense to very dense fog in isolated pockets very likely over Punjab & coastal Odisha and dense fog in isolated pockets over Haryana, Chandigarh & Delhi and north Rajasthan.  
Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph likely over equatorial Indian Ocean adjoining southwest Bay of Bengal. Fishermen are advised not to venture into these areas.
- **24 January (Day 3):** Hailstorm at isolated places very likely over north Madhya Pradesh.  
Dense to very dense fog in isolated pockets very likely over Punjab and dense fog in isolated pockets over Haryana, Chandigarh & Delhi and north Rajasthan.
- **25 January (Day 4):** Hailstorm at isolated places likely over East Madhya Pradesh and Chhattisgarh.
- **26 January (Day 5):** No weather warning.

### **Salient Advisories**

#### **Rain/snowfall and Advisory**

##### **Realized**

- Rain/Snow occurred at most places over Jammu & Kashmir, Himachal Pradesh & Uttarakhand.  
Rainfall/Snowfall recorded at 0830 hours IST of today

##### **Warning**

- Heavy to very heavy rain/snow at isolated places very likely over Himachal Pradesh and heavy rain/snow over Jammu & Kashmir and Uttarakhand during next 24 hours.

##### **Advisory**

- Avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Provide adequate drainage in crop fields in Jammu & Kashmir and Himachal Pradesh and Uttarakhand.

#### **Minimum Temperature**

##### **Realized**

- Minimum temperatures are appreciably below normal (-3.1°C to -5.0°C) at a few places over Coastal Andhra Pradesh & Lakshadweep; at isolated places over Chhattisgarh, South Interior Karnataka & Kerala; below normal (-1.6°C to -3.0°C) at a few places over Rayalaseema, Vidarbha and Tamilnadu & Puducherry; at isolated places over Konkan & Goa and North Interior Karnataka.
- The lowest minimum temperature of **6.6°C** recorded at **Mandla** (East Madhya Pradesh) over the plains of the country.

## Hail storm

- Hailstorm at isolated places very likely over north Madhya Pradesh on 24<sup>th</sup> and over East Madhya Pradesh and Chhattisgarh on 25<sup>th</sup>. 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. Keep cattle indoor.

## Fog and Advisories

### Realized

- Dense fog observed at isolated places of Uttarakhand, West Rajasthan & Odisha; Moderate fog at a few places over Jammu & Kashmir, Himachal Pradesh; at isolated places of Assam & Meghalaya, Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh, West Madhya Pradesh, Coastal Andhra Pradesh & Interior Karnataka at 0830 hours IST of today.

### Forecast

- Shallow to moderate fog very likely at isolated places in morning hours over north eastern states during next 5 days and over Interior Karnataka, Coastal Andhra Pradesh and Telangana during next 48 hours.

### Warning

- Dense to very dense fog at isolated places very likely over Coastal Odisha during next 2 days, over Punjab & coastal Odisha and dense fog in isolated pockets over Haryana, Chandigarh & Delhi and north Rajasthan on 23<sup>rd</sup> and 24<sup>th</sup> January.

### Advisory

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

## State-wise Advisories

### Assam, Meghalaya, Mizoram & Tripura

- In Barak Valley Zone of Assam, in Rapeseed and mustard, to control Saw fly and aphid spray Dimethoate 30 EC or Ragor @ 2 ml per liter of water. In potato, to control late blight disease apply Redomil @ 2ml/lit of water.
- In Meghalaya, continue harvesting of cole crops (cabbage, cauliflower, broccoli), ginger and turmeric.
- In Mizoram, continue harvesting of pulses.
- In Nagaland, continue harvesting of cabbage and winter vegetables.

### **Jammu & Kashmir**

- In Sub Tropical Zone and Valley Temperate Zone, provide drainage channels to drain out excess water from the fields.
- In wheat, to control yellow rust infestation apply Propiconazole (Tilt) 25 EC @ 0.1 % (1ml/litre of water) after current spells of rain.

### **Gujarat**

- In South Saurashtra Zone, apply irrigation to wheat and chickpea
- In North Sourashtra Zone, continue picking of cotton, in chickpea, to control blight spray Mencozeb 27 gm in 10 liters of water at 10 days interval. Apply irrigation to wheat.

### **Maharashtra**

- In Konkan, to control incidence of leaf folder on rice crop, spray Monocrotophos 12 ml per 10 litres of water. Apply light irrigation to groundnut crop three days after sowing.
- In Madhya Maharashtra, Apply irrigation to standing crops like gram, wheat, orchards and vegetables. For management of downy mildew and rust in vegetables, spray Carbendazim 10 gm or Copper Oxychloride 30 gm / 10 litres of water.
- In Marathwada, Undertake irrigation management in rabi sorghum as per availability of water during flowering / grain filling stage. Continue preparatory tillage operation for sowing of summer fodder crops.
- In East Vidarbha, undertake sowing of summer groundnut. Continue transplanting of 22-25 days old summer rice seedlings. In rice nursery, to control incidence of blast & bacterial leaf blight, spray Copper Oxychloride 25g + Streptocycline 0.5 g per 10 liters of water. To control aphids in wheat at tillering stage, spray Thiamethoxam 25 WG 50 gm or Diamethoate 30 EC 750 ml per 500 litres of water per hectare.

### **Andhra Pradesh**

- In North Coastal zone, in Maize, to control stem borer, apply whorl of Carbofuron 3 G granules @ 4 kg/ac
- In Coastal Andhra Pradesh, in Pulses (blackgram and greengram) to control Powdery mildew spray wettable sulphur @ 3 g/ Hexaconazole @ 2 ml per litre of water

### **Karnataka**

- In North East Transition Zone, apply irrigation to wheat, sugarcane and Bengal gram. To control podfly in pigeon pea, spray Thiamethoxam @0.5 g or Imidacloprid @ 0.5 ml / litre of water.

### **Tamilnadu**

- In Southern zone, in cotton, to control Mealy bug, spray Dimethoate or Profenophos 2 ml/litre.

### **Telangana**

- In South Telangana Zone, in rice, to overcome cold injury cover the nursery beds with polythene sheet during night and remove in the morning. To control stem borer in rice, spray Cartap Hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- In Telangana, in Red gram, to control Maruca and Helicoverpa, spray Chlorpyrifos @ 2.5 ml or Novaluron @ 0.75 ml along with Dichlorvos @ 1.0 ml per litre of water.