

Advisory for DD Kisan dated 15.01.19
(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)

Significant Weather Features

- Two fresh western disturbances in succession are likely to cause isolated to scattered rain / snow over Western Himalayan region from today, for the subsequent 4 days. Fairly widespread rain / snow could occur over Jammu & Kashmir on 16th January and then on 19th January.
- It is very likely that an intense western disturbance could lead to a wet spell over western Himalayan region and adjoining northern plains during 20th - 23rd January.
- Cold wave conditions are likely to prevail at isolated pockets over Punjab, Haryana, Chandigarh northwest Rajasthan, northeast Madhya Pradesh and north Chhattisgarh for one day. Night minimum temperatures are very likely to rise by 2-3°C over many parts of northwest, west and central India during next 3-4 days.

Realised Rainfall

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

- **Realised:** Rain/Thundershowers occurred at a few places over Andaman & Nicobar Islands.

5 Day Rainfall Forecast (Mid-day) 15th January 2019

Met-Sub-Division	15-Jan Today	16Jan Wed	17Jan Thu	18Jan Fri	19Jan Sat
1. Andaman & Nicobar Islands	SCT	ISOL	SCT	FWS	SCT
2. Arunachal Pradesh	ISOL	DRY	DRY	ISOL	ISOL
3. Assam & Meghalaya	ISOL	DRY	DRY	DRY	DRY
4. N. M. M. & T.	ISOL	DRY	DRY	DRY	DRY
5. S.H. West Bengal & Sikkim	DRY	DRY	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	DRY	ISOL	DRY	DRY	DRY
13. Haryana, Chd & Delhi	DRY	DRY	DRY	DRY	DRY
14. Punjab	DRY	DRY	DRY	DRY	DRY
15. Himachal Pradesh	ISOL	SCT	DRY	DRY	ISOL
16. Jammu & Kashmir	ISOL	FWS	ISOL	ISOL	FWS
17. West Rajasthan	DRY	DRY	DRY	DRY	DRY
18. East Rajasthan	DRY	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	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	DRY	DRY	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	DRY	DRY	DRY	DRY	DRY
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	DRY	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

- 15 January (Day 1):** Cold wave conditions at isolated pockets are very likely to prevail over Punjab, Haryana, Chandigarh, northwest Rajasthan, northeast Madhya Pradesh and north Chhattisgarh.
 Dense fog at isolated places in the morning hours very likely over Assam & Meghalaya.
- 16 January (Day 2):** Dense fog at isolated places in the morning hours very likely over Punjab, Haryana and north West Uttar Pradesh.

- **17 January (Day 3):** Dense fog at isolated places in the morning hours very likely over Punjab, Haryana and north West Uttar Pradesh.
- **18 January (Day 4):** No Weather Warning.
- **19 January (Day 5):** No Weather Warning.

Salient Advisories

Cold wave conditions and Advisory

Realized

- Cold wave observed at a few places over Punjab.
- Ground frost conditions prevailed at isolated pockets over Punjab, Haryana, north Rajasthan, Uttar Pradesh and north Madhya Pradesh.
- Minimum temperatures are **appreciably below normal** (-3.0°C to -5.0°C) at most places over East Madhya Pradesh and Rayalaseema; at many places over Jammu & Kashmir, West Madhya Pradesh and Chhattisgarh; at isolated places over Coastal Andhra Pradesh;

Forecast

- Night minimum temperatures are very likely to rise by 2-3°C over many parts of northwest, west and central India from 17th onwards. The night minimum temperatures are likely to fall by 2-3°C over east India during next 2 days.

Warning

- Cold wave conditions at isolated pockets are very likely to prevail over Punjab, Haryana, Chandigarh, northwest Rajasthan, northeast Madhya Pradesh and north Chhattisgarh during next 24 hours.

Advisory

- In view of expected cold wave conditions/ ground frost in above regions, apply light and frequent irrigation/sprinkler irrigation in the evening to protect the crops from cold injury. Spray 0.1% H₂SO₄ to protect the crops from ground frost. To protect young fruit plants from cold winds, cover young fruit plants with straw/polythene sheets/gunny bags.

Fog and Advisories

Realized

- Moderate fog observed at isolated places over Punjab, Uttarakhand, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura at 0830 hours IST of today.

Forecast

- Shallow to moderate fog very likely at isolated places in morning hours over East India and plains of northwest India during next 24 hours and over northeast India during next 3-4 days.

Warning

- Dense fog at isolated places in the morning hours very likely over Assam & Meghalaya during next 24 hours and over Punjab, Haryana and north West Uttar Pradesh on 16th and 17th 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

- In Hill Zone of Assam, undertake sowing of Boro rice.
- In North Bank Plain Zone, continue transplanting of Boro rice,
- In North Bank Plain Zone and in Upper Bramhaputra Valley Zone of Assam, in rapeseed & mustard crop, to control aphids infestation, spray Chloropyriphos 20EC or Dimethoate 30EC, 0.5 lit per 500-700 lit of water per ha. In Potato, to control late blight, spray Mancozeb @2.5g/litre. Undertake land preparation for sowing of okra.

Jammu & Kashmir

- In Sub Tropical Zone, in pulses to control blight, apply Bavistin/Carbendazim @ 3gm/litre of water.
- In Intermediate Zone, in wheat to control yellow rust infestation apply Propiconazole (Tilt) 25 EC @ 0.1 % (1ml/litre of water) in clear weather. In oilseeds and mustard, to control Alternaria blight, apply Mancozeb @ 2.5 g/liter of water.
- In Valley Temperate Zone, provide drainage channels in the fields to avoid water logging.

Chhattisgarh

- In Chattisgarh Plain Zone, in pigeon pea to control pod borer, spray Indoxacarb @300 gram/ha. dissolved in 500 liter water.
- In North Hill Zone of Chhatisgarh, undertake sowing of cucurbitaceous crop in the polythenes. Also, undertake sowing of leafy vegetables and land preparation for the summer vegetables like cowpea and okra.
- In Chattisgarh Plain Zone and in North Hill Zone of Chhatisgarh, in mustard to control aphids spray Methyl Demeton and Dimethioate @ 0.05% at evening hours

Gujarat

- In North Gujarat Zone, in gram to control pod borer, install pheromone trap @ 3-4 traps per acre, install “T” shaped bird perches in and around crop field for controlling insect population. Undertake harvesting of matured castor.
- In South Saurashtra Zone, undertake picking of cotton during morning hours, undertake harvesting of matured pigeon pea and castor.
- In South Gujarat Heavy Rainfall Zone, undertake land preparation for nursery sowing of summer rice

Maharashtra

- In Konkan, maintain water level of 5 cm in rabi rice. To control leaf folder in the crop, spray Monocrotophos @12 ml per 10 litres of water. Apply irrigation to rice nursery.
- In Madhya Maharashtra, continue sowing of summer groundnut, continue planting of Sugarcane, complete picking of cotton. Apply irrigation to standing crops like gram and wheat, orchards and vegetables.
- In Marathwada, continue land preparation for planting of sugarcane.
- In West Vidarbha, continue sowing of groundnut with assured irrigation facilities. Apply irrigation to timely sown wheat
- In East Vidarbha, continue transplanting of 22-25 days old summer rice seedlings. Apply irrigation to standing crops like mustard and wheat.

Rajasthan

- In Sub Humid Southern Plain and Aravali Hill Zone, give irrigation in wheat, mustard and barley.

Karnataka

- In Southern Dry Zone, undertake nursery sowing of summer rice. In red gram to control pod borer, Spray Chloropyriphos 20 EC @ 2 ml/ litre or Indaxacorb 14.5 SC @ 2 ml/litre .
- In Hill Zone, undertake sowing of pulses like black gram, green gram and also the green manure crop to utilize residual moisture after harvesting of the rice.