

Advisory for DD Kisan dated 12.02.19
(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)

Significant Weather Features

- A fresh western disturbance approaching the Indian region is likely to induce a low pressure area over West Rajasthan and neighbourhood by 14th February. Also, the likely interaction of the system with tropical easterlies may cause fairly widespread to widespread rain/snow with isolated hailstorms over western Himalayan regions during 13th to 15th February. Isolated heavy rain/snow likely over Jammu & Kashmir and Himachal Pradesh on 14th February.
- Scattered to fairly widespread rain/thundershowers and isolated hailstorms are also likely over plains of northwest India and central India mainly during 14th & 15th February. Isolated heavy rains likely over northern parts of Punjab and Haryana & Chandigarh on 14th Feb. The rainfall activity is likely to shift towards eastern India from 15th February.
- Strong winds speed reaching 30-40 kmph gusting to 50 kmph is likely to occur over plains of northwest India and adjoining central India on 14th February.

Realised Rainfall

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

- Rain/snow observed at isolated places over Jammu & Kashmir. Rain/thundershowers observed at isolated places over Coastal Andhra Pradesh, South Interior Karnataka and Lakshadweep..

5 Day Rainfall Forecast (MID-DAY)

12-February-2019

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

- **12 February (Day 1):** No weather warning.
- **13 February (Day 2): Thunderstorm accompanied with hailstorm and gusty winds** at isolated places very likely over Jammu & Kashmir, Himachal Pradesh, Punjab, Haryana, north Rajasthan and West Madhya Pradesh.
- **14 February (Day 3): Heavy rain/snow** at isolated places very likely over Jammu & Kashmir and Himachal Pradesh.
- **Heavy rain** at isolated places very likely over Punjab and Haryana & Chandigarh.
- **Thunderstorm accompanied with hailstorm and gusty winds** at isolated places likely over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Uttar Pradesh, north Rajasthan and Madhya Pradesh.
- **15 February (Day 4): Thunderstorm accompanied with hailstorm and gusty winds** at isolated places likely over Uttarakhand, Uttar Pradesh, East Madhya Pradesh, Jharkhand, Vidarbha, Chhattisgarh and Telangana.
- **Thunderstorm accompanied with lightning** at isolated places likely over Bihar, West Bengal & Sikkim and Odisha.
- **16 February (Day 5): Thunderstorm accompanied with lightning** at isolated places likely over Bihar, West Bengal & Sikkim and Odisha.
- **Thunderstorm accompanied with gusty winds** at isolated places likely over south Kerala and south Tamilnadu.
- **Cold wave** conditions at isolated places likely over north Madhya Maharashtra.

Salient Advisories

Thunderstorm/ hailstorm and advisory

Warning

- **Thunderstorm accompanied with hailstorm and gusty winds** at isolated places very likely over Jammu & Kashmir, Himachal Pradesh, Punjab, Haryana, north Rajasthan on 13th and West Madhya Pradesh on 13th and Madhya Pradesh on 14th and Uttarakhand, Uttar Pradesh, East Madhya Pradesh, Jharkhand, Vidarbha, Chhattisgarh and Telangana on 15th.
- **Thunderstorm accompanied with gusty winds** at isolated places likely over south Kerala and south Tamilnadu on 15th.
- **Thunderstorm accompanied with lightning** at isolated places likely over Bihar, West Bengal & Sikkim and Odisha on 15th and 16th.

Advisory

In above regions, 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. Postpone application of plant protection measures and fertilizers to the standing crops during gusty wind period.

Heavy rain/snow

Warning

- Heavy rain/snow at isolated places very likely over Jammu & Kashmir and Himachal Pradesh on 14th Feb.

Advisory

- Avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. In Valley Temperate Zone of Kashmir, provide drainage channels in wheat, saffron and vegetable fields wherever there is probability of water/snow accumulation during winter months. Cover the trenches and polyhouses with polythene and blankets during the night to avoid losses due to sudden dip in temperature in Himachal Pradesh

Fog and Advisories

Realized

- Moderate fog observed at isolated places over Haryana, Delhi, Uttar Pradesh, Goa, Assam & Meghalaya and Andaman & Nicobar Islands at 0830 hours IST of today. Visibility: Panjim-200 M; Delhi (Safdarjung), Delhi (Ridge), Delhi (Palam), Hissar, Agra, Fursatganj, Majbat and Car Nicobar-500 M each.

Warning

Shallow to moderate fog likely over Odisha during the morning hours of 14th & 15th February.

Advisory

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

Cold wave / Cold day and Advisories

Warning

Cold wave conditions at isolated places likely over north Madhya Maharashtra on 15th.

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. Cover banana bunches with porous polythene bags.

State-wise Advisories

Assam, Meghalaya and Manipur

- Continue land preparation for growing summer vegetable (Cucumber, Okra, Ridge gourd and sponge gourd). Early sowing helps in escaping fruit fly and borer attacks.
- In Upper Brahmaputra valley zone, undertake harvesting of potato and rapeseed & mustard.
- In Hill zone and North Bank Plain zone of Assam undertake nursery sowing of early *Ahu* rice.
- In Manipur, undertake land preparation of, nursery raising of pre khariff rice.
- In Meghalaya undertake harvesting of cole crops Cole crops (Cabbage, Cauliflower, Broccoli) and Root Crop (Radish, carrot) fully developed root in early morning after irrigation

Himachal Pradesh

- It is optimum time for sowing of cole crops in polyhouses and planting of onions in High hill temperate dry zone and Mid hill sub humid zone.

Jammu & Kashmir

- In Sub tropical zone, weather favourable for the incidence of aphids in late sown mustard crop. Monitor the crop, if the 10 cm of the branch have more than 20 aphids spray the crop with imidacloprid @ 0.3 ml / lits. of water or (Dimethoate) rogor 30 EC @ 1ml/lits. of water after spells of rain.

Uttarakhand

- In the valley region undertake field preparation for sowing of Potato (rainfed) and sowing of fruit crops like-apple, pear, plum, walnut etc.

Kerala

- In High altitude zone undertake harvesting of rice.

Chhattisgarh

- Due to cloudy weather conditions in the state which prevailed during past days the incidence of Heliethis in gram is reported from many places and it is likely to increase, with slight increase in maximum and minimum temperature. Hence, keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap, bird prech etc.
- In North Hill Zone of Chhattisgarh, remove the upper leaves/parts (Dehaulming) of the potato crop, before 7- 10 days of digging. After digging of potato undertake sowing of the spring moong under assured irrigation facility after current spells of rain.

Gujarat

- In North Saurashtra continue sowing of summer groundnut, sesame and summer vegetables.

Maharashtra

- In Konkan, due to increase in maximum temperature, there is possibility for pre-mature fruit drops of mango, therefore it is advise to spray 2% urea (200 gm per 10 liter of water) by mixing into insecticide solution of 4th to 6th spray blossom protection schedule of mango or spray mango tree with 1% potassium nitrate solution (1 kg KNO₃ per 100 liter of water).
- In Madhya Maharashtra, continue sowing for summer groundnut.
- In Marathwada provide irrigation to rabi Sorghum and fodder maize.
- In west Vidarbha, continue harvesting of matured safflower, chickpea and undertake sowing of summer sesame and summer ground nut in Vidarbha.

Andhra Pradesh and Telangana

- In South Coastal Andhra Pradesh continue sowing of sesamum and Spray pendimethali or alachlor @ 800 ml/acre immediately or a day after sowing for pre emergence weed management
- Continue sowing of summer sesamum, greengram and blackgram under assured irrigation in Telangana.

Karnataka

- In South Interior Karnataka undertake land preparation across the land slope for sowing of pulse crops and ragi.

Uttar Pradesh

- In Eastern Plain zone due to congenial weather incidence of pod borer may occur on Red gram. If noticed undertake appropriate plant protection measures after current spells of rain.

Rajasthan

- In Flood Prone Eastern Plain Zone weather is congenial for incidence of pod borer attack on gram. Spray melathion dust (5%) @20-25 kg/hectare.

Odisha

- Undertake transplanting of Summer rice to the main fields.

West Bengal

- In Coastal Saline zone, undertake transplanting of Boro rice to the main fields and complete sowing of sunflower.

Madhya Pradesh

- Weather is congenial for incidence of aphids on mustard, spray of methyl demeton 25 E.C. @ 2.0 ml. per liter of water after spells of rain.

Punjab

- Complete the sowing of sunflower by first week of February and undertake planting of sugarcane.