

Advisory for DD Kisan dated 26.02.19
(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)

Significant Weather Features

- Under the influence of a fresh western disturbance along with its induced cyclonic circulation fairly widespread to widespread rain/snow along with isolated thunderstorms/hailstorms are likely over Western Himalayan region during next 48 hours and fairly widespread to widespread rainfall with isolated thunderstorms/hailstorms over Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh and north Rajasthan during next 36 hours.
- Strong surface winds speed reaching 30-40 kmph gusting to 50 kmph are likely over plains of northwest India, mainly over Punjab, Haryana, West Rajasthan, Uttar Pradesh and West Madhya Pradesh during next 48 hours.
- Enhanced rainfall activity is taking place over east & northeast India for the past two days due to conducive conditions for moisture incursion and wind confluence in the lower levels and divergence in the upper levels. Scattered to fairly widespread/widespread rainfall with isolated thundersqualls, hailstorms & lightning are very likely to continue over northeastern states during next 3 days. Isolated thunderstorm activity is also likely over Bihar, Jharkhand, Odisha and West Bengal & Sikkim during next 48 hours.
- Isolated heavy rainfall is very likely over Tripura today, over Assam & Meghalaya on 26th & 27th and over Arunachal Pradesh on 28th February..

Realised Rainfall / Snow

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

- Rain/Snow occurred at most places over Jammu & Kashmir; at isolated places over Himachal Pradesh and Uttarakhand.
- Rain/ Thundershowers occurred **most places** over Gangetic West Bengal and Nagaland, Manipur, Mizoram & Tripura; at **many places** over Arunachal Pradesh; at a **few places** over Haryana, Chandigarh & Delhi, West Uttar Pradesh and Odisha; at **isolated places** over Punjab, West Rajasthan, East Uttar Pradesh, Gujarat region, Sub-Himalayan West Bengal & Sikkim, Bihar, East Madhya Pradesh, Jharkhand, Chhattisgarh and Assam & Meghalaya.

Weather Forecast for next 5 days * upto 0830 hours IST of 26th February

- Meteorological sub-division wise detailed 5 days precipitation forecast is given in Table-1.
- No significant change in night minimum temperatures very likely over the major parts of the country during next 2 days. They are likely to fall by 2-3° C over northwest and central India on 28th February.
- Maximum temperatures are likely continue to remain above normal by 2-4°C over south peninsular India during next 3 days

Table 1

5 Day Rainfall Forecast (MID-DAY) 26-February-2019

Met-Sub-Division	26-Feb Tues	27Feb Wed	28Feb Thu	01Mar Fri	02Mar Sat
1. Andaman & Nicobar Islands	DRY	DRY	ISOL	ISOL	ISOL
2. Arunachal Pradesh	FWS	WS	WS	SCT	ISOL
3. Assam & Meghalaya	FWS	WS	WS	ISOL	DRY
4. N. M. M. & T.	FWS	WS	WS	ISOL	DRY
5. S.H. West Bengal & Sikkim	SCT	FWS	FWS	ISOL	DRY
6. Gangetic West Bengal	FWS	FWS	ISOL	DRY	DRY
7. Odisha	ISOL	ISOL	ISOL	DRY	DRY
8. Jharkhand	ISOL	ISOL	ISOL	DRY	DRY
9. Bihar	ISOL	SCT	ISOL	DRY	DRY
10. East Uttar Pradesh	FWS	FWS	ISOL	DRY	DRY
11. West Uttar Pradesh	FWS	FWS	DRY	DRY	ISOL
12. Uttarakhnd	WS	WS	DRY	DRY	SCT
13. Haryana, Chd & Delhi	WS	SCT	DRY	ISOL	SCT
14. Punjab	WS	ISOL	DRY	ISOL	FWS
15. Himachal Pradesh	WS	FWS	ISOL	ISOL	WS
16. Jammu & Kashmir	WS	SCT	ISOL	SCT	WS
17. West Rajasthan	ISOL	DRY	DRY	ISOL	SCT
18. East Rajasthan	SCT	ISOL	DRY	DRY	ISOL
19. West Madhya Pradesh	ISOL	DRY	DRY	DRY	DRY
20. East Madhya Pradesh	ISOL	ISOL	DRY	DRY	DRY
21. Gujarat Region	ISOL	DRY	DRY	DRY	DRY
22. Seaurashtra & Kutch	ISOL	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	ISOL	ISOL	DRY	DRY	DRY
28. Coastal Andhra Pradesh	DRY	ISOL	ISOL	ISOL	ISOL
29. Telangana	ISOL	ISOL	DRY	DRY	DRY
30. Rayalaseema	DRY	DRY	DRY	DRY	DRY
31. Tamilnadu & Puducherry	ISOL	ISOL	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	DRY	ISOL	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 Widespred (FWS/ Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		

Weather Warning

- **26 February (Day 1): ♦ Thunderstorm accompanied with Hailstorm & lightning at isolated places very likely over** Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Rajasthan, West Madhya Pradesh and Odisha.
- **Thunderstorm accompanied with lightning & gusty winds at isolated places likely over** Telangana, East Madhya Pradesh, West Bengal & Sikkim, Jharkhand, Bihar, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Arunachal Pradesh.
- **Heavy rain at isolated places very likely over** Assam & Meghalaya and Tripura.
- **Squally winds speed reaching 40-50 kmph very likely over** northwest Bay of Bengal off north Odisha-West Bengal Coasts and strong winds speed reaching 35-45 kmph over northeast Arabian Sea off north Gujarat Coast. Fishermen are advised not to venture into these areas.
- **27 February (Day 2): ♦ Thunderstorm accompanied with Hailstorm, gusty winds & lightning at isolated places very likely over** Himachal Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Uttar Pradesh and Sub-Himalayan West Bengal & Sikkim.
- **Thundersquall accompanied with Hailstorm & lightning at isolated places very likely over** Nagaland, Manipur, Mizoram & Tripura and Assam & Meghalaya. Thundersquall & lightning at isolated places likely over Bihar.
- **Thunderstorm accompanied with lightning & gusty winds at isolated places very likely over** Coastal Andhra Pradesh, Gangetic West Bengal, Jharkhand and Odisha.
- **Heavy rain at isolated places very likely over** Assam & Meghalaya.
- **Squally winds speed reaching 40-50 kmph very likely over** northwest Bay of Bengal off north Odisha-West Bengal Coasts. Fishermen are advised not to venture into these areas.
- **28 February (Day 3): Thundersquall accompanied with Hailstorm & lightning at isolated places very likely over** Sub- Himalayan West Bengal & Sikkim, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **Thunderstorm accompanied with lightning & gusty winds at isolated places very likely over** Coastal Andhra Pradesh.
- **Heavy rain at isolated places likely over** Arunachal Pradesh.
- **Cold day conditions are likely to prevail in some parts of** Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh and north Rajasthan.
- **01 March (Day 4): Thundersquall accompanied with Hailstorm & lightning at isolated places likely over** Jammu & Kashmir.
- **02 March (Day 5): Thundersquall accompanied with Hailstorm & lightning at isolated places likely over** Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh and north Rajasthan.
- **Thunderstorm accompanied with lightning & gusty winds at isolated places likely over** Coastal Andhra Pradesh and Kerala.

Salient Advisories

Thunderstorm/ hailstorm and advisory

Warning

- **Thunderstorm accompanied with Hailstorm & lightning at isolated places very likely** over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Rajasthan, West Madhya Pradesh and Odisha during next 24 hours.
- **Thunderstorm accompanied with lightning & gusty winds at isolated places likely** over Jharkhand on 26th and 27th; Telangana, East Madhya Pradesh, West Bengal & Sikkim, Bihar, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Arunachal Pradesh on 26th, Gangetic West Bengal & Odisha on 27th, Coastal Andhra Pradesh on 27th, 28th and 2nd March and Kerala on 2nd March.
- **Thunderstorm accompanied with Hailstorm, gusty winds & lightning** at isolated places very likely over Himachal Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Uttar Pradesh and Sub-Himalayan West Bengal & Sikkim on 27th.
- **Thundersquall accompanied with Hailstorm & lightning** at isolated places very likely over Nagaland, Manipur, Mizoram & Tripura and Assam & Meghalaya on 27th and 28th, Sub-Himalayan West Bengal & Sikkim on 28th, Jammu & Kashmir on 1st, 2nd March, and Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh and north Rajasthan on 2nd March. **Thundersquall & lightning** at isolated places likely over Bihar on 27th

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.

Heavy rain/snow

Warning

Heavy rain at isolated places very likely over Assam & Meghalaya on 26th and 27th; Tripura on 26th and Arunachal Pradesh on 28th.

Advisory

- Avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Provide drainage channels in the fields wherever there is probability of water accumulation in standing crops.

Salient Advisories

Assam, Nagaland, Meghalaya, Mizoram, Manipur and Tripura

- In Assam, continue land preparation/ sowing of direct seeded ahu rice, maize, sugarcane, Green gram and Black gram.
- In Lower Brahmaputra valley zone of Assam undertake nursery sowing of Transplanted early Ahu rice.
- In Manipur, continue nursery raising of pre-*kharif* rice and undertake land preparation for transplanting of *kharif* rice.
- In Nagaland, prepare seedling of Cucurbitaceous vegetable in polythene bags for getting early produce. As rainfall is expected postpone harvesting of Toria/Mustard
- In Meghalaya undertake nursery raising Tomato/Capsicum. Continue harvesting root Crop (Radish, carrot) and Cole crops (Cabbage, Cauliflower, Broccoli)
- In Mizoram, undertake harvesting of citrus fruit when outer rind looks shiny and one can see oil glands on the fruit.
- In Tripura, undertake harvesting of potato. Transfer the harvested crop to safer place to avoid contact with rain

Jammu & Kashmir

- In valley region limit irrigation inside greenhouses and irrigate only when crop/soil demands. Remove snow from polyhouses and trenches. Harvest vegetables just before irrigation so that soil may be manured/ fertilized along with irrigation inside greenhouses. Cover the trenches and polyhouses with polythene and blankets during the night to avoid losses due to sudden dip in temperature.
- In Jammu division weather is congenial for occurrence of soft rot/root rot in pulse crops for as there was significant rainfall occurred in past. If symptoms observed spray Mancozeb @ 2.5 g/liter of water and ridomil MZ @ 2.5 g/liter of water after current spells of rain. Also avoid water stagnation *rabi* pulses to prevent from soft rot/root rot diseases.

Uttarakhand

- Continue planting of fruit crops like-apple, pear, plum, walnut etc during clear weather. Remove newly emerges sprouting/buds from below of grafted part.
- Undertake sowing of Black gram, sugarcane and sunflower in the Bhabar and Tarai Zone of the state.

Tamilnadu and Puducherry

- In Karaikal region, continue sowing of rice fallow pulses, cotton and sesame after seed treatment.
- In Western zone of Tamilnadu, due to increasing temperatures (both maximum and minimum), sucking pest may appear in transplanted Navarai season rice. Spray Phosphamidon 40SL @ 600 ml / ha.

Madhya Pradesh and Chhattisgarh

- In East Madhya Pradesh weather is congenial for incidence of leaf roller capsule borer, gram pod borer and pod fly in arhar. Spray 2 ml chlorpyrifos or imidachlopride per lit. water.
- In Chhattisgarh apply paddy straw mulch between the rows for reducing the rate of evaporation in summer crops like green gram and groundnut.

Gujarat

- In Heavy rainfall zone of Gujarat undertake nursery sowing of summer rice and sowing of summer pulses
- In Saurashtra & Kutch, undertake for sowing of summer sesame, groundnut and pearl millet with assured irrigation facilities. Also harvest the matured chick pea and mustard.

Maharashtra

- In Konkan, apply irrigation to alphonso mango @ 150 to 200 lit. of water at fortnight interval for 3 to 4 times to reduce fruit drop. Also use straw mulch to reduce evaporation. Provide support to newly planted mango graft.
- In Madhya Maharashtra, undertake sowing of fodder crops like sorghum, pearl millet, maize, cow pea, napier grass as per availability of water.
- In Marathwada, weather is congenial for fall armyworms in summer maize crop (sown in the month of January), spray Thiamethoxam 12.6 % + Lambda cyhalothrin 9.5 % @ 50 ml per acre.
- In Vidarbha, continue harvesting of matured mustard, safflower and gram. Keep harvested produce at a safer place.

Andhra Pradesh and Karnataka

- In South Coastal Andhra Pradesh, weather is congenial for incidence of Blast in rice. Spray tricyclozole 75WP @ 120 gm per acre.
- In South Dry zone of Karnataka, undertake transplanting of rice and spray recommended weedcides for control of weeds.

Uttar Pradesh

- In East Uttar Pradesh, undertake sowing of cucurbits crops, spring time sugarcane, continue harvesting of rapeseed & mustard and digging of matured potato.
- In West Uttar Pradesh, undertake land preparation for sowing of green gram and black gram and summer vegetables.

Rajasthan

- Undertake harvesting of mustard when 70 % of pods turn yellow in Flood Prone Eastern Plain zone of the state.
- In East Rajasthan undertake land preparation for sowing Zaid crops like Green gram, groundnut, Okra, sorghum (fodder), Pearl millet (fodder) & early summer cucurbits like bottle gourd, round guard, bitter guard, water melon and musk melon.

Odisha

- Raising temperature during the week will favour the incidence of stem borer on rice. Install pheromone traps to monitor stem borer population
- Undertake sowing of sesamum, Green Gram & Black Gram and planting of sugarcane in the state.

West Bengal

- In Sub Himalayan West Bengal, undertake harvesting of cole crop (cauliflower, cabbage, etc).
- In Coastal Saline zone undertake land preparation sowing of summer muung and okra.

Bihar & Jharkhand

- In Jharkhand, undertake nursery sowing of summer rice and sowing of green gram. Also the undertake harvesting of normal sown mustard
- In view of prevailing dry weather, harvest matured crop of early sown mustard. Monitoring is advised for aphid infestation in the late sown mustard crop in Bihar.

Punjab, Haryana and Delhi

- In Punjab, undertake harvesting of *rabi* crops like Sorghum, Gram, Safflower and wheat.
- In Haryana, weather is favourable for incidence of sucking pest over the mustard. If observed undertake appropriate plant protection measures. Undertake harvesting of early sown matured mustard crop.
- In Delhi, undertake land preparation for sowing of green gram and black gram.

Himachal Pradesh

- Undertake planting of peacunnut, walnut, almond plum and peach.
- Undertake earthing-up in potato if crop has attained a height of 15-22 cm. It may be repeated after 15 days.