

Advisory for DD Kisan dated 01.03.19
(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)

Significant Weather Features

- A fresh Western Disturbance lies as a cyclonic circulation over East Afghanistan & neighbourhood between 3.1 & 3.6 km above mean sea level with trough aloft with axis at 4.5 km above mean sea level roughly along Long. 64°E to the north of Lat. 28°N. An induced cyclonic circulation lies over southwest Rajasthan & neighborhood. Under the influence of these systems, Fairly widespread to widespread rain/snow with isolated thunderstorm and hailstorm are likely over western Himalayan region and scattered to fairly widespread/widespread rain/thundershowers with isolated hailstorms are likely over Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh and north Rajasthan mainly on 2nd and 3rd March.
- Wind confluence and moisture incursion from Bay of Bengal very likely over eastern India from 4th March onwards, Under this scenario, scattered to fairly widespread rainfall activity likely over northeast and east India mainly on 4th and 5th March with isolated thunderstorms /hailstorms with gusty winds likely over Bihar, Jharkhand, West Bengal, north Odisha, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura

Realised Rainfall / Snow

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

- Rain/Thundershowers observed at most places over Nagaland, Manipur, Mizoram & Tripura; at many places over Sub-Himalayan West Bengal & Sikkim; at a few places over Arunachal Pradesh and Assam & Meghalaya Odisha and Coastal Andhra Pradesh ; at isolated places over Gangetic West Bengal and Tamilnadu & Puducherry

Weather Forecast for next 5 days * upto 0830 hours IST 05th March 2019

- Meteorological sub-division wise detailed 5 days precipitation forecast is given in Table-1.
- Maximum temperatures are likely continue to remain above normal by 2-4°C over northwest & east India during next 2-3 days; by 2-3°C over central and west India during next 24 hours and no significant change thereafter. No significant change thereafter.

Table 1

5 Day Rainfall Forecast (MID-DAY)

01-March-2019

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

01 March (Day 1): ♦ **Thunderstorm accompanied with lightning & gusty winds** at isolated places very likely over Tamilnadu, & Puducherry, Kerala, Coastal Andhra Pradesh, West Madhya Pradesh and Jammu & Kashmir.

- ♦ Cold day conditions very likely at isolated places over Punjab.
- ♦ Squally winds speed reaching 40- 50 kmph very likely to prevail over North Arabian Sea. Fishermen are advised not to venture into this area.

02 March (Day 2): Thunderstorm accompanied with Hailstorm & lightning at isolated places very 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 very likely over Tamilnadu, & Puducherry, West Madhya Pradesh and Vidharbha.
- ♦ Heavy rain/snow at isolated places likely over Jammu & Kashmir and Himachal Pradesh.
- ♦ Squally winds speed reaching 40- 50 kmph very likely to prevail over North Arabian Sea. Fishermen are advised not to venture into this area.

03 March (Day 3): ♦ Thunderstorm accompanied with Hailstorm & lightning at isolated places very 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 very likely over Kerala, East Madhya Pradesh and Vidharbha.

04 March (Day 4): ♦ Thunderstorm accompanied with Hailstorm & lightning at isolated places likely over Gangetic West Bengal.

- ♦ Thunderstorm accompanied with lightning & gusty winds at isolated places likely over Gangetic West Bengal, Bihar, Jharkhand and Odisha.
- ♦ Heavy rain at isolated places likely over Gangetic West Bengal.

05 March (Day 5): ♦ Thunderstorm accompanied with Hailstorm & lightning at isolated places likely over West Bengal & Sikkim.

- ♦ Thunderstorm accompanied with lightning & gusty winds at isolated places likely over West Bengal & Sikkim, Bihar, Jharkhand and Odisha.
- ♦ Thundersquall accompanied with lightning & gusty winds at isolated places likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura

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, West Uttar Pradesh and north Rajasthan on 2nd and 3rd; Gangetic West Bengal on 4th and West Bengal and Sikkim on 5th.
- **Thunderstorm accompanied with lightning & gusty winds at isolated places likely** over Tamilnadu, & Puducherry, West Madhya Pradesh during next 48 hours; Kerala, Coastal Andhra Pradesh and Jammu & Kashmir on 01st March; Vidharbha on 2nd and 3rd; Kerala and East Madhya Pradesh on 3rd; Bihar, Jharkhand & Odisha on 4th and 5th; Gangetic West Bengal on 4th and West Bengal and Sikkim on 5th.
- **Thundersquall accompanied with Hailstorm & lightning** at isolated places very likely Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura. on 5th

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/snow at isolated places likely over Jammu & Kashmir and Himachal Pradesh on 2nd and Gangetic West Bengal on 3rd.

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

Arunachal Pradesh, Assam, Nagaland, Meghalaya and Mizoram

- In Arunachal Pradesh, undertake sowing of pea in high altitudes and colder areas also provide support to the crop.
- In Assam, continue land preparation and sowing of direct seeded arhu rice, maize, sugarcane, green gram, black gram and summer vegetables (Cucumber, Okra, Ridge gourd and sponge gourd). Harvest the matured potato.
- In Nagaland, prepare seedling of Cucurbitaceous vegetable in polythene bags for getting early produce. Undertake harvesting of Toria/Mustard and Cabbage
- In Meghalaya undertake nursery raising Tomato/Capsicum. Continue harvesting pea.
- In Mizoram, undertake harvesting of citrus fruit when outer rind looks shiny and one can see oil glands on the fruit.

Himachal Pradesh and Jammu & Kashmir

- In valley region fruit plants should be pruned between vegetative and fruiting. Undertake nursery raising of orchid crops.
- In Jammu division weather is congenial for occurrence of wilt and blight in rabi pulses. Monitor the crops for wilt and blight incidence. If symptoms observed drench the affected spots with Carbendazim @ 1 gm in 1 liter of water on clear weather conditions vide next five days.
- Undertake sowing of Fodder crops & Sunflower in Himachal Pradesh

Uttarakhand

- Continue sowing of sunflower and nursery bed preparation of summer vegetables.
- In Bhabar and Tarai Zone, harvest early sown sugarcane crop. Sowing of spring season sugarcane crop should be completed up to 15th March.

Tamilnadu and Puducherry

- In Karaikal region, continue sowing of rice fallow cotton and sesame after seed treatment.
- In Cauvery Delta Zone of Tamilnadu, undertake harvesting of matured late Samba and Thaladi rice

Madhya Pradesh and Chhattisgarh

- In Satpura Plateau Zone of Madhya Pradesh undertake sowing of maize (baby corn, sweet corn), mung, urd, groundnut and sunflower in the first week of March with assured irrigation facilities.
- In Jhabua hill zone of Madhya Pradesh, harvest green chilli, okra, beans cucurbits crops, pea, fenugreek, cauliflower, cabbage. Prepare field and transplant the tomato, chilli, brinjal, etc. and sowing of cucurbitaceous crops, musk melon, water melon, okra, cluster bean in field.
- In Chhattisgarh weather is congenial for incidence of stem borer in summer rice. Fix pheromone traps and light trap nearby the field.

Gujarat

- In Gujarat, undertake land preparation / sowing of sesame, summer groundnut, pearl millet summer vegetables (okra, cluster bean and bottle gourd) and summer pulses. Continue harvesting of mustard and castor capsules.

Maharashtra

- In Konkan, to control leaf folder in rice, spray Monocrotophos @ 12 ml per 10 litres of water.
- In Madhya Maharashtra, continue sowing of fodder crops like sorghum, pearl millet, maize, cow pea, napier grass as per availability of water.
- In Marathwada, continue harvesting of chickpea, wheat and safflower.
- In Vidarbha, continue harvesting of matured mustard, safflower and gram.. Continue sowing of okra

Uttar Pradesh

- In East Uttar Pradesh, complete planting of spring time sugarcane and undertake sowing of crop like *mung*, *okra* and *lobia* as inter cropping.
- In West Uttar Pradesh due to congenial weather (temperature and humidity) monitor vegetable crops and late sown mustard crop for aphids. Spray Imidacloprid @ 0.25 to 0.5 ml per litre of water in vegetable crops after harvesting of mature fruits. Start land preparation for sowing of lady finger, French bean (contender) and cluster bean..

Odisha

- Continue transplanting of rice. High differential temperature between day and night favours the infestation of Blast in rice. Spray 0.6 g Tricyclazole or 1 ml. Ediphosphos in each litre water.
- Harvest the rabi pulse crops after 90% pods mature.
- Undertake sowing of sesamum, Green Gram & Black Gram and planting of sugarcane in the state.

West Bengal

- In Sub Himalayan West Bengal, undertake transplanting of Boro rice.
- In Gangetic West Bengal, weather is congenial for incidence of Blast in Boro rice. Avoid excess nitrogen application. Spray Tricyclozole 75WP@ 1g/lit of water.

Bihar & Jharkhand

- In Jharkhand, undertake transplanting of summer rice must maintain water level in the field and broadcast Blue Green algae @ 4 kg per acre after 15 days of transplanting. Continue sowing of green gram. Also the undertake harvesting of normal sown mustard.
- In, Bihar undertake land preparation for sowing of Green gram/ Black gram, Summer Maize, Sunflower, vegetables and Fodder crop.

Punjab and Delhi

- In Punjab, undertake harvesting of matured *rabi* crops like Sorghum, Gram, Safflower and wheat and sowing of sugarcane and vegetables (cucurbits, *okra* and cowpea).
- In Delhi, continue land preparation for sowing of green gram and black gram.

Andhra Pradesh, Kerala and Telangana

- In North Coastal Andhra Pradesh, weather is congenial for incidence of Rice Blight on rice. Spray Hexaconazole @ 2.0 g. or Propiconazole @ 1.0 ml per litre of water.
- In South Coastal Andhra Pradesh weather is congenial for incidence Leaf Webber on Sesamum Spray monocrotophos @320 ml or Quinolphos@ 400 ml per acre.
- In Rayalaseema, due to increasing day temperatures there is possibility of occurrence of Leaf folder in groundnut. Spray qinalphos @ 2 ml. (or) chloripyriphos @ 2 ml. (or) novaluran @ 1 ml./L of water..
- In Telangana, prevailing weather conditions are congenial for the incidence of stem borer in rice. If noticed control it by spray Cartap Hydrochloride @ 2 g or Chlorantriliniprole @ 0.4 ml per litre of water
- In Kerala, to reduce soil moisture losses in coconut and for its conservation, mulching may be carried out using green or dried coconut husk, coconut leaves etc..