

Advisory for DD Kisan dated 05.03.19
(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)

Significant Weather Features

- Wind confluence and moisture incursion from Bay of Bengal, in lower levels, are very likely to continue over east India during next 24 hours and over northeast India during next two days. This is very likely to result in scattered to fairly widespread rainfall activity over northeastern States and isolated to scattered activity over West Bengal & Sikkim and coastal Odisha during the period. Isolated thundersqualls and lightning is likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 5th and isolated thunderstorm with gusty winds and lightning on 6th March. Rest of the regions is likely to witness isolated thunderstorms with gusty winds and lightning: West Bengal & Sikkim on 5th, Arunachal Pradesh and coastal Odisha on 5th & 6th March.
- Maximum temperatures are likely to rise by about 2-3° C over many parts of south peninsular India from today. It may cause heat wave conditions at isolated pockets over Rayalaseema on 5th & 6th March, Tamilnadu on 6th & 7th March and over Coastal Andhra Pradesh during 6th - 8th March.

Realised Rainfall / Snow

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

- Rain/snow observed at most places over Jammu & Kashmir; at many places over Himachal Pradesh and at a few places over Uttarakhand.
- Rain/Thundershowers observed at most places over Arunachal Pradesh, Gangetic West Bengal ; at many places over Nagaland, Manipur, Mizoram & Tripura; at a few places over Assam & Meghalaya and at isolated places over Rajasthan, Sub-Himalayan West Bengal & Sikkim, Punjab, Haryana, West Uttar Pradesh, Jharkhand, Odisha, South Interior Karnataka, Tamilnadu and Kerala.

Weather Forecast for next 5 days upto 0830 hours IST 10th March 2019

- Meteorological sub-division wise detailed 5 days precipitation forecast is given in Table-1.
- Maximum temperatures are likely to rise gradually by 2-3°C over northwest India during next 3-4 days. They are likely to rise by 2-3° C over many parts of south peninsular India during next 48 hours. No significant change likely over the rest parts of the country during next 48 hours.
- No significant change in minimum temperatures likely over major parts of the country outside Maharashtra where they are likely to rise by 2-3°C after two days.

Table 1

5 Day Rainfall Forecast (MID-DAY)

05-March-2019

Met-Sub-Division	05-Mar Today	06Mar Wed	07Mar Thu	08Mar Fri	09Mar Sat
1. Andaman & Nicobar Islands	DRY	DRY	DRY	ISOL	DRY
2. Arunachal Pradesh	WS	FWS	SCT	SCT	SCT
3. Assam & Meghalaya	FWS	SCT	ISOL	DRY	DRY
4. N. M. M. & T.	FWS	SCT	ISOL	DRY	ISOL
5. S.H. West Bengal & Sikkim	SCT	ISOL	ISOL	DRY	ISOL
6. Gangetic West Bengal	FWS	ISOL	DRY	DRY	DRY
7. Odisha	ISOL	ISOL	ISOL	ISOL	DRY
8. Jharkhand	ISOL	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	DRY	DRY	ISOL	ISOL
13. Haryana, Chd & Delhi	DRY	DRY	DRY	ISOL	DRY
14. Punjab	DRY	DRY	ISOL	ISOL	DRY
15. Himachal Pradesh	DRY	DRY	ISOL	SCT	ISOL
16. Jammu & Kashmir	ISOL	ISOL	ISOL	SCT	ISOL
17. West Rajasthan	DRY	DRY	ISOL	ISOL	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. Marathawada	DRY	DRY	DRY	DRY	DRY
26. Vidharbha	DRY	DRY	DRY	DRY	DRY
27. Chhattisgarh	DRY	DRY	ISOL	DRY	DRY
28. Coastal Andhra Pradesh	ISOL	ISOL	ISOL	ISOL	DRY
29. Telangana	DRY	DRY	ISOL	ISOL	DRY
30. Rayalaseema	DRY	DRY	DRY	ISOL	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	ISOL	DRY	DRY	ISOL	ISOL
35. Kerala	ISOL	DRY	DRY	ISOL	SCT
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

- **05 March (Day 1):** Thundersquall accompanied with lightning at isolated places very likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura. Thunderstorm accompanied with lightning & gusty winds at isolated places very likely over West Bengal & Sikkim, Odisha and Arunachal Pradesh. Heat wave conditions at isolated places likely over Rayalaseema.
- **06 March (Day 2):** Thunderstorm accompanied with lightning & gusty winds at isolated places very likely over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh, Odisha and Arunachal Pradesh. Heat wave conditions at isolated places likely over Tamilnadu, Coastal Andhra Pradesh and Rayalaseema.
- **07 March (Day 3):** Thunderstorm accompanied with lightning & gusty winds at isolated places likely over Coastal Andhra Pradesh. Heat wave conditions at isolated places likely over Tamilnadu and Coastal Andhra Pradesh.
- **08 March (Day 4):** Thunderstorm accompanied with lightning & gusty winds at isolated places likely over Kerala, Telangana and Jammu & Kashmir. Heat wave conditions at isolated places likely over Coastal Andhra Pradesh.
- **09 March (Day 5):** Thunderstorm accompanied with lightning & gusty winds at isolated places likely over Kerala.

Salient Advisories

Thunderstorm/Thundersquall and advisory

Warning

- Thundersquall accompanied with lightning at isolated places very likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 5th.
- Thunderstorm accompanied with lightning & gusty winds at isolated places very likely over West Bengal & Sikkim, Odisha on 5th and 6th, over Arunachal Pradesh on 5th and 6th, over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura on 6th, over Coastal Andhra Pradesh on 6th and 7th, over Rayalaseema on 7th, over Kerala on 8th and 9th, over Telangana and Jammu & Kashmir on 8th.

Advisory

- In above regions, 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.

Heat wave and advisory

Warning

- Heat wave conditions at isolated places likely over Rayalaseema on 5th and 6th, over Tamilnadu on 6th and 7th, over Coastal Andhra Pradesh from 6th to 8th.

Advisory

- Apply irrigation at regular intervals and increase the frequency of irrigation at critical growth stages. Undertake soil mulching in standing crops to cope up with the excess evaporative demand due to heat wave, undertake mulching with straw/polythene to conserve soil moisture.

Salient Advisories

Arunachal Pradesh, Assam and Nagaland

- In Arunachal Pradesh, undertake sowing of pea, land preparation for sowing of maize and harvesting of mustard, turmeric and ginger.
- In Assam, continue sowing of direct seeded ahu rice. Continue field preparation for sowing of green gram, black gram. Maintain 5 cm of standing water in *Boro* rice field 2-3 days after transplanting to 7-10 days before harvesting.
- In Nagaland, undertake field preparation for sowing of green gram and okra. Undertake nursery preparation for chilli.

Himachal Pradesh and Jammu & Kashmir

- In valley region of Jammu & Kashmir, undertake sowing of solanaceous crop seeds under polyhouses for raising early nursery and sowing of cucurbit seeds in polybags for raising early nursery under protected conditions.
- In Intermediate Zone of Jammu & Kashmir, anticipating clear/dry weather during the period of next five days. Farmers are advised to undertake top dressing of urea in late sown wheat crop.
- In Himachal Pradesh, close the polyhouse properly as temperature will decrease and maintain temperature around 20°C.

Tamilnadu and Puducherry

- In Karaikal region, continue sowing of rice fallow cotton and sesame after seed treatment.
- In North Western Zone of Tamilnadu, in the cultivated cucurbitaceous vegetable crop there are chances of flower drop due to reduced soil moisture status in the soil. Hence, farmers are advised to spread dried leaves, fronds or coir pith around the basin of the cucurbitaceous vegetable plants to conserve the soil moisture as well as to prevent flower drop.

Animal Husbandry

- In Tamil Nadu, as the minimum and maximum temperature will be higher, there are chances of heat stress in layer birds. To overcome this, poultry farmers are advised to ensure provision of adequate water, addition of electrolytes and vitamin C in the feed.

Madhya Pradesh and Chhattisgarh

- In Satpura Plateau Zone of Madhya Pradesh continue sowing of maize (baby corn, sweet corn), moong, urad, groundnut and sunflower with assured irrigation facilities.
- In Malwa Plateau Zone of Madhya Pradesh, procure quality seeds for green gram and black gram from certified source and start sowing during this week.(variety: Green gram – Pusa Visal, Pusa 9531, PDM-11, SML-668 and Black gram – Pant Urd 19, Pant Urd 30, Pant Urd 35, PDU-1). Seed treatment with crop specific Rhizobium culture as well as Phosphorus solubilising bacteria (PSB) is also advised.
- In Chhattisgarh, farmers having irrigation facility are advised to complete the transplanting of summer rice by end of March.

Gujarat

- In Gujarat, continue 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, as dry weather is prevailing apply irrigation to groundnut, vegetables and orchards. Also undertake intercultural operation like weeding in groundnut.
- In Madhya Maharashtra, as dry weather is prevailing, apply mulching of grass clippings, leaves, hay, straw etc. in orchards for conservation of moisture. Continue harvesting of sorghum, gram, safflower and wheat during morning hours.
- In Marathwada, undertake harvesting of rabi sorghum. Apply irrigation to banana plantation using drip irrigation method.
- In Vidarbha, continue harvesting of matured safflower and gram.

Uttar Pradesh

- In East Uttar Pradesh, sowing of zayad vegetables (lady fingers, Gourds and cucurbitaceous vegetables) and fodder maize.
- In West Uttar Pradesh undertake sowing of lady finger, French bean (contender) and cluster bean.

Odisha

- Paddy crop is at tillering to PI stage (four to seven week) in main field. Apply irrigation water with alternate wetting and drying as hair line cracks appear in field during tillering stage. Carry out planting of sugarcane crop and apply irrigation at 7 days interval for better germination.

West Bengal

- In Sub Himalayan West Bengal, continue transplanting of Boro rice. Undertake harvesting of matured cole crops like cabbage, cauliflower, broccoli, etc.
- In Gangetic West Bengal, continue sowing okra. Prepare land for sowing of moong crop. Undertake harvesting of potato crop.

Bihar & Jharkhand

- In Jharkhand, continue sowing mung and okra. Early sown potato crop is at maturity stage. Harvest the crop when plant leaves became yellow and keep the tubers in shed for hardening of tuber skin.
- In, Bihar, moisture in the soil due to the recent rainfall may be utilized for sowing of green gram, black gram, summer maize, sunflower, vegetables such as okra, bottle gourd, sponge gourd, bitter gourd, cucumber etc.

Punjab and Delhi

- In Punjab, continue 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 South Coastal Andhra Pradesh, weather is congenial for incidence Leaf Webber in Sesamum. Spray Monocrotophos @ 320 ml or Quinolphos @ 400 ml per acre.
- In Rayalaseema, due to congenial weather incidence of leaf miner and sucking pests observed in groundnut crop. Spray Chloropyriphos @ 2.5ml/litre or Monochrotophos @ 1.6ml/per litre.
- In Telangana, the prevailing dry weather conditions are congenial for incidence of wilt in sesamum. For this remove infected plants and undertake soil drenching with Copper oxy chloride @ 3 g/litre around the infected plants.
- 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.