

Advisory for DD Kisan dated 29.03.19
(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)

Significant Weather Features

- Scattered to fairly widespread rain/thundershowers with isolated thundersquall/lightning very likely over northeast India and isolated to scattered over East India during 30th March to 2nd April 2019.
- Day maximum temperatures are likely to rise by 2-3°C over some parts of East India during next 2-3 days.
- The prevailing heat wave conditions at isolated places over Gujarat very likely to continue during next 48 hours. Heat wave conditions also very likely at a few places over West Rajasthan and at isolated places over East Rajasthan, southwest Madhya Pradesh, Madhya Maharashtra and Marathwada during next 2 days.

Realised Rainfall

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

- **Rain/Thundershowers observed (from 0830 hours IST of yesterday to 0830 hours IST of today):** at isolated places over Jammu & Kashmir, North Interior Karnataka, Kerala and Andaman & Nicobar Islands.
- Yesterday, heat wave conditions were observed at isolated pockets over Gujarat State.

Weather Forecast for next 5 days upto 0830 hours IST 2nd April 2019

- Meteorological sub-division wise detailed 5 days precipitation forecast is given in Table-1.
- Day maximum temperatures are likely to increase by 2-3°C over East India during next 2-3 days and no significant change over rest parts of the country.

Table- 1

5 Day Rainfall Forecast (MID-DAY)

29-March-2019

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

- **29 March (Day 1):** Heat wave conditions very likely in some parts of West Rajasthan and in isolated pockets over Madhya Maharashtra, Marathawada, Gujarat State, Southwest Madhya Pradesh and Southeast Rajasthan.
Thunderstorm accompanied with gusty winds & lightning at isolated places very likely over North Interior Karnataka.

- **30 March (Day 2):** Thunderstorm accompanied with squall & lightning at isolated places very likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
Thunderstorm accompanied with gusty winds & lightning at isolated places very likely over Jammu & Kashmir, Arunachal Pradesh and West Bengal & Sikkim.
Heat wave conditions very likely in isolated pockets over West Rajasthan, Southeast Rajasthan, Madhya Maharashtra, Marathawada and Gujarat State.
- **31 March (Day 3):** Thunderstorm accompanied with squall & lightning at isolated places very likely over Jharkhand, West Bengal & Sikkim, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
Thunderstorm accompanied with gusty winds & lightning at isolated places very likely over Arunachal Pradesh, Odisha and Telangana.
Heavy rain at isolated places very likely over Arunachal Pradesh.
- **01 April (Day 4):** Thunderstorm accompanied with squall & lightning at isolated places likely over Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
Thunderstorm accompanied with gusty winds & lightning at isolated places likely over Odisha, Jharkhand, Gangetic West Bengal and Telangana.
Heavy rain at isolated places very likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **02 April (Day 5):** No weather warning.

Salient Advisories

Thunderstorm/ Thunder squall and advisory

Warning

- Thunderstorm accompanied with gusty winds & lightning at isolated places very likely over North Interior Karnataka during next 24 hours, Arunachal Pradesh on 30th and 31st Jammu & Kashmir and West Bengal and Sikkim on 30th, Odisha & Telangana on 31st March and 1st April, Jharkhand and Gangetic West Bengal on 1st April;
- Thunderstorm accompanied with squall & lightning at isolated places very likely over Assam & Meghalaya and Nagaland Manipur, Mizoram and Tripura on 30th March to 1st April, Sikkim on 31st March and 1st April, Jharkhand and West Bengal on 31st March and over Sub- Himalayan West Bengal on 1st April.

Advisory

- In the above mentioned regions provide mechanical support to young fruit plants, banana and staking in vegetables to prevent the crops from lodging due to strong winds. Undertake propping in sugarcane in Odisha. Postpone application of plant protection measures and fertilizers to the standing crops during gusty wind.

Heat wave

Warning

- Heat wave conditions at isolated places over West Rajasthan and in isolated pockets over Madhya Maharashtra, Marathawada, Gujarat State, Southwest Madhya Pradesh and Southeast Rajasthan very likely to continue during next 48 hours.

Advisory

- In above regions, undertake soil mulching or apply light and frequent irrigation to the standing crops to cope up with the excess evaporative demand due to heat wave; mulching with straw/polythene to conserve soil moisture is advised.

Heavy rainfall

Warning

- Heavy rain at isolated places very likely over Arunachal Pradesh on 31st March, and over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 1st April.

Advisory

- Postpone irrigation, application of fertilizers and plant protection methods to standing crops.

State-wise Advisories

Arunachal Pradesh, Assam, Manipur and Nagaland

- In North Bank Plain Zone of Assam, undertake planting of Sugarcane, ginger, turmeric and banana. Undertake sowing of okra.
- In Upper Brahmaputra valley zone of Assam, continue transplanting of normal ahu rice in main field, undertake land preparation/ planting of banana.
- In Nagaland, undertake sowing of Green gram and Naga king chilli.
- In Arunachal Pradesh continue sowing of Jhum rice and *okra*. Undertake harvesting of Cabbage/ Cauliflower and potato.
- In Manipur undertake sowing of French Bean ,*okra*and nurserysowing of chilli/ capsicum

Jammu & Kashmir

- In Sub Tropical Zone, continue harvesting of mustard when pods turn yellow.
- In Intermediate Zone, in mustard, weather is favourable for the outbreak of sucking pest in mustard, if observed, spray Rogor (Dimethoate) 30 EC @ 1 ml/litre of water or Chlorpyrifos 20 EC @ 2 ml/litre of water at fifteen days interval.

Punjab & Delhi

- In Undulating Plain Zone, complete sowing of spring sugarcane, undertake harvesting of raya crop.
- In Delhi, continue sowing of green gram and black gram.

Madhya Pradesh and Chhattisgarh

- In West Madhya Pradesh, continue sowing of summer maize (for green cobs, baby corn, sweet corn), complete sowing of mung, urd, groundnut and sunflower and undertake harvesting of gram.
- In Chhattisgarh, undertake field preparation for sowing of maize and undertake harvesting of matured wheat.
- In East MP due to prevailing high temperatures undertake mulching in summer groundnut and maize to conserve soil moisture.

Rajasthan

- In Flood Prone Eastern Plain Zone of Rajasthan, undertake harvesting and threshing of matured wheat.

Odisha

- In North Eastern Plateau Zone, undertake transplanting of rice in SRI method.
- In West Central Table land Zone, undertake sowing/ planting of banana, papaya, cucumber, guar, ridge gourd, okra, pumpkin, etc.

Maharashtra

- In view of heat wave conditions very likely in isolated pockets over Madhya Maharashtra and Marathwada on 29th and 30th March, farmers are advised to apply light and frequent irrigation to rabi standing crops, vegetables and orchards. Provide shade for protection of newly planted orchard crops like mango grafts/ coconut seedlings from bright sunshine (temperature around 35°C).
- In Marathwada, continue harvesting and threshing of safflower. To control stem borer in sugarcane, spray Chlorpyrifos @ 600 ml per acre.
- In Vidarbha, Apply irrigation to green gram, groundnut, vegetables and orchards
- In East Vidarbha, control leaf folder in groundnut, spray Cypermethrin 4ml or Quinalphos 20ml in 10 liter of water.

Jharkhand

- In Jharkhand, undertake harvesting of wheat sown in November, chick pea and complete sowing of summer cowpea and summer mung under assured irrigation.

Andhra Pradesh and Telangana

- In North Coastal Andhra Pradesh, complete planting of sugarcane. Apply Fipronil granules @ 10 kg/ac before planting and trash mulching @ 1.25 t/ac. for conservation of soil moisture. Undertake land preparation for sowing of green manure crops like Sunhemp @ 12-15 kg/ac, Dhaicha @ 10-12 kg/ac and Pillipesara @ 6-8kg/ac etc.
- In South Coastal Andhra Pradesh, weather is congenial for incidence of mite in rice. To control the pest spray Prophenophos @ 400ml. or Dicophol @ 600ml./ per acre.
- In Rayalaseema, continue harvesting of rabi groundnut and stripping of pods with wet/dry pod threshers and drying of the produce
- In Telangana, continue sowing of fodder crops like sorghum, bajra and maize can be taken up for fodder with assured irrigation facilities.

- In Telangana prevailing weather conditions are congenial for the incidence of Blast disease in rice. To control, spray Tricyclazole @ 0.6 g or Isoprothiolane @ 1.5 ml or Kasugamycin @ 2.5 ml per litre of water twice in 10-15 days interval.

Karnataka

- In North East Transition Zone, undertake harvesting Rabi jowar/wheat/safflower
- In Southern Dry Zone of Karnataka, in rice, to control blast, spray Carbendazim @ 4gm/ litre of water or Tricyclozoal @0.6 gm/litre of water. About 250-300 ltr of spaying solution for one acre.