

Advisory for DD Kisan dated 13.03.18

(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)

Depression / Deep Depression

- The well marked low pressure area over Equatorial Indian Ocean and adjoining southwest Sri Lanka & Maldives Comorin area concentrated into a **depression** and lay centred at 0830 IST of today, the 13th March 2018 over southeast Arabian sea and adjoining Equatorial Indian ocean near latitude 5.0°N and longitude 76.0°E about 480 km southeast of Minicoy, 390 km southsouthwest of Thiruvananthapuram and 290 km eastnortheast of Male (Maldives). It is very likely to move northwestwards and intensify further into a **deep Depression** during next 48 hours.

Realised Rainfall

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

- Rain / thundershowers observed at many places over Sub-Himalayan West Bengal & Sikkim; at a few places over Tamil Nadu & Puducherry, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and at isolated places over Gangetic West Bengal, Andaman & Nicobar Islands, Kerala and Telangana.

Maximum temperature

- **Maximum temperature departures as on 12.03.2018:** Maximum temperatures were **markedly above normal** (5.1°C or more) at most places over Jammu & Kashmir, Punjab and Himachal Pradesh; at many places over West Rajasthan; at a few places over Haryana, Chandigarh & Delhi; **appreciably above normal** (3.1°C to 5.0°C) at most places over East Rajasthan; at many places over West Madhya Pradesh and West Uttar Pradesh; **above normal** (1.6°C to 3.0°C) at most places over East Madhya Pradesh, Gujarat, Bihar and Konkan & Goa; at many places over East Uttar Pradesh and Coastal Karnataka; at a few places over Gangetic West Bengal and Vidarbha and at isolated places over Odisha, Madhya Maharashtra and Kerala.
- Yesterday, the **highest maximum temperature of 42.0°C** recorded at **Bhira (Konkan)** over the plains of the country.

Temperature Forecast:

- Maximum temperatures likely to rise by 1-2°C over the plains of northwest India during next 48 hours
- No significant change in maximum & minimum temperatures likely over the rest of the country during the same period.

5 Day Rainfall Forecast (Mid-day) 13th March 2018

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

% 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

- 13 March (Day 1):** Heavy rain at isolated places very likely over Tamil Nadu and Kerala. Squally winds speed reaching 45-55 kmph gusting to 65 kmph is very likely over Comorin area and along and off South Tamil Nadu, south Kerala coasts. Squally winds speed reaching 40-50 kmph gusting to 60 kmph is very likely over Lakshadweep area and adjoining southeast Arabian Sea. Sea conditions will be rough to very rough over Comorin Maldives area and adjoining sea area, Lakshadweep area and adjoining southeast Arabian Sea. Fishermen are advised not to venture into the sea off south Tamil Nadu & adjoining south Kerala coasts and Equatorial India Ocean, Comorin Maldives area, Gulf of Mannar, south Kerala coast, Lakshadweep area and adjoining southeast Arabian Sea.

Thunderstorm accompanied with gusty winds very likely at isolated places over Jammu division of Jammu & Kashmir, West Bengal & Sikkim, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Tamil Nadu & Puducherry and Kerala.

- **14 March (Day 2):** Heavy to very heavy rain at a few places very likely over Lakshadweep; heavy at isolated places over Kerala.

Squally winds speed reaching 45-55 kmph gusting to 65 kmph is very likely over south Kerala and south Tamil Nadu coasts.

Squally winds speed reaching 55-65 kmph gusting to 75 kmph is very likely over Lakshadweep area and adjoining southeast Arabian Sea.

Sea conditions will be rough to very rough over Comorin Maldives area and adjoining sea area, Lakshadweep area and adjoining southeast Arabian Sea.

Fishermen are advised not to venture into the sea off south Tamil Nadu & adjoining south Kerala coasts and Equatorial India Ocean, Comorin Maldives area, Gulf of Mannar, south Kerala coast, Lakshadweep area and adjoining southeast Arabian Sea.

Thunderstorm accompanied with gusty winds very likely at isolated places over Jammu division of Jammu & Kashmir, Himachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Tamil Nadu & Puducherry and Kerala.

- **15 March (Day 3):** Heavy to very heavy rain at a few places very likely over Lakshadweep; heavy at isolated places over Kerala.

Squally winds speed reaching 45-55 kmph gusting to 65 kmph is very likely over Kerala coast.

Squally winds speed reaching 55-65 kmph gusting to 75 kmph is very likely over Lakshadweep area and adjoining southeast Arabian Sea.

Sea conditions will be rough to very rough over Lakshadweep area and adjoining southeast Arabian Sea.

Fishermen are advised not to venture into the sea off Kerala coasts, Lakshadweep area and adjoining southeast Arabian Sea.

Thunderstorm accompanied with gusty winds very likely at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura.

- **16 March (Day 4):** Thunderstorm accompanied with gusty winds very likely at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura.
- **17 March (Day 5):** No weather warning.

Thunderstorm accompanied with gusty winds

Warning:

- Thunderstorm accompanied with gusty winds very likely at isolated places over Jammu division of Jammu & Kashmir, Himachal Pradesh, Tamil Nadu & Puducherry and Kerala during next 48 hours and over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during next 4 days.

Advisory:

- In view of expected thunderstorm accompanied with gusty winds in above regions arrange support to young fruit plants and vegetables, propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep harvested produce at safe places. Avoid chemical spraying/dusting during the period.

Agromet Advisories for *rabi* /summer crops from different AMFUs in the country

Sate-wise Advisories

Kerala

- In view of expected rainfall at many places with isolated heavy rain during next 72 hours, provide adequate drainage in standing crops.
- In the Central Zone, undertake main field preparation for transplanting of *puncha* rice. Transplant seedlings at 4-5 leaf stage.

Tamil Nadu

- In view of expected rainfall at many places during next 72 hours with isolated heavy rain during next 24 hours, provide adequate drainage in standing crops. Keep harvested produce in safer place.
- In the High Rainfall Zone, undertake harvesting of matured rice crop after current spells of rain. Undertake sowing of pulses in harvested rice fields. Provide support to banana plants to prevent lodging.
- In the Western Zone, provide adequate support to 5 months old banana and undertake propping in sugarcane.

Maharashtra

- In view of likely thundershower/ rain at isolated/ few places over the state during 15th to 17th March, harvest the *rabi* crops, vegetables and fruits at the earliest and keep harvested produce in safer place.
- In Konkan, maintain 8-10 cm water level in summer rice after 10 days of panicle initiation. If the incidence of blast disease is observed in rice and nagli, spray Tricyclazole @ 10 g or Isoprothiolane @ 10 ml per 10 litres of water in clear weather.
- In Madhya Maharashtra, for the control of leaf folder in summer groundnut, spray Phosphomidon 85% @120 ml or Cypermethrin 20% @ 200 ml or Quinolphos 25% @1000 ml + 500 liters of water per ha.
- In Marathwada, complete harvesting of *rabi* crops like wheat, sorghum, turmeric, vegetables and fruits as early as possible and keep the produce in safer place. Provide mechanical support to banana bunches. Vaccinate animals against foot and mouth disease.
- In Vidarbha, keep the harvested *rabi* crops like wheat, gram, linseed and mustard in safer place. Continue planting of fodder crop like maize, *jowar*, *bajra*.

Jammu& Kashmir

- In Sub Tropical Zone, in view of expected rain/ snow, make proper arrangements to drain out excess water from the field to avoid water stagnation in wheat, mustard. Postpone sowing of okra varieties like JBS & Seli as rain is expected from 14th to 17th March.
- In cold Arid Zone, undertake sowing of cucurbit seeds in poly bags inside poly houses.

Punjab

- In Western Plain Zone of Punjab, continue sowing of maize and planting of spring sugarcane. Continue transplanting of brinjal, capsicum and chilli, muskmelon, water-melon, bottle-gourd, pumpkin etc. Undertake sowing of summer moong and mash.
- In Undulating Plain Zone of Punjab, continue planting of sugarcane and sowing of spring maize.

Continue sowing of spring maize in Central Plain Zone of Punjab.

Odisha

- In North Eastern Coastal Plain Zone, sudden rise in temperature will aggravate attack of stem borer in rice. Install Pheromone traps to monitor stem borer population and spray Fipronil @2ml/litre of water to control it.
- In West Central Table Land Zone, undertake sowing of sesame. Early sown summer sunflower is at 25 days. Undertake hoeing and weeding.

Assam

- In Lower Brahmaputra Valley Zone, undertake sowing of Early Ahu rice (direct seeded) with dwarf varieties such as Luit, Kapilee, IR-36, Kalinga 3 etc. and tall varieties such as Baghlami, Rangadoria, Ahujaha, Kolamanik etc. Undertake planting of spring sugarcane.
- In the Hill Zone of Assam, undertake sowing of Early Ahu rice (direct seeded) with dwarf varieties such as Luit, Kapilee, IR-36, Kalinga 3 etc. and tall varieties such as Baghlami, Rangadoria, Ahujaha, Kolamanik etc. Undertake land preparation & sowing of green gram (Varieties: T44, AAU 34, AAU 39, Pratap etc. and black gram (Varieties : T 9, Pant U 19, JU 78 etc).

Bihar

- Complete transplanting of summer rice as early as possible in North Central Plateau Zone. Maintain 5 cm standing water in early transplanted rice. For controlling leaf eating caterpillar in green gram, spray Nurocombi (Chlorpyrifos 50% + Cypermethrin5%) or Rocket (Profenofos 40% + Cypermethrin4%) @ 2 ml /litre water.

Jharkhand

- In Central & North Eastern Plateau Zone, undertake sowing of summer maize and moong. Due to raise in temperature and high humidity there may be attack of blast in rice, spray Tricylazole @ 2g /litre of water. At flowering stage do not apply insecticides and irrigation in mango & litchi. To control insects/termites, paint main trunk up to 2 metre height from ground level with lime.
- Farmers having at least 1 or 2 irrigation facility may proceed for mung cultivation in Western Plateau Zone after harvesting of rabi crops. Select improved variety of mung S.M.L.- 668.

Gujarat

- In Middle Gujarat Zone, complete harvesting of matured rabi crop followed by threshing. Apply the irrigation to the summer crops like green gram, groundnut etc. at regular interval.
- In South Saurashtra Zone, complete sowing of green gram, black gram and sesame. For the control of purple blotch in onion, spray Mancozeb @ 25 g and Hexaconazole @ 15 ml in 10 litres of water at 10-15 days interval.

Andhra Pradesh

- In the North Coastal Zone, continue planting of sugarcane after setts treatment with Propiconazol @ 1.0 ml/litre for 15 minutes before planting.
- In the Scarce Rainfall Zone, for control of leaf folder in groundnut, spray Chlorpyrifos @ 500 ml or Flubendamide @ 40 ml or Monocrotophos @ 320 ml per 200 litres of water. Stem borer incidence is observed in some parts; spray Chlorpyrifos @2.5ml or Acephate @ 1.5 g /litre water.