

Advisory for DD Kisan dated 19.03.19
(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)

Significant Weather Features

- An approaching Western Disturbance is very likely to cause fairly widespread to widespread rain/snow with isolated thunderstorms, hailstorms, gusty winds & lightning over Western Himalayan Region during next 2 days. Isolated rain / thundershowers, gusty winds and lightning are also likely over Punjab and Haryana, Chandigarh & Delhi on 20th March.
- A wind confluence zone is likely to develop over central and adjoining peninsular India resulting in isolated thunderstorms and gusty winds over southeast Madhya Pradesh, Vidarbha, Chhattisgarh and Odisha on 20th & 21st March.
- Scattered to fairly widespread rain/thundershowers are very likely over northeast India during next 2 days. Isolated thunderstorms, gusty winds and lightning are likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 20th and 21st March.
- Day maximum temperature was more than 40°C at isolated pockets of Maharashtra, yesterday. They are near normal over major parts of the country at present. This situation is likely to continue for 2 more days with slight fall thereafter

Realised Rainfall / Snow

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

- **Rain/snow observed (from 0830 hours IST of yesterday to 0830 hours IST of today):** at isolated places over Himachal Pradesh and Uttarakhand.
- **Rain/Thundershowers observed (from 0830 hours IST of yesterday to 0830 hours IST of today):** at many places over Arunachal Pradesh; at a few places West Bengal & Sikkim and Assam & Meghalaya, and at isolated places over Punjab, Nagaland, Manipur, Mizoram & Tripura, Odisha and Kerala.

Weather Forecast for next 5 days upto 0830 hours IST 19th 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 Haryana, Chandigarh & Delhi, Uttar Pradesh, Central and east India during next 2 days. No significant change in maximum & minimum temperatures likely over rest of the country during next 48 hours..

Table- 1

5 Day Rainfall Forecast (MID-DAY) 19-March-2019

Met-Sub-Division	19-Mar Tues	20-Mar Wed	21-Mar Thu	22-Mar Fri	23-Mar Sat
1. Andaman & Nicobar Islands	ISOL	ISOL	DRY	DRY	DRY
2. Arunachal Pradesh	FWS	FWS	SCT	FWS	FWS
3. Assam & Meghalaya	SCT	ISOL	ISOL	SCT	ISOL
4. N. M. M. & T.	SCT	SCT	ISOL	SCT	ISOL
5. S.H. West Bengal & Sikkim	ISOL	ISOL	ISOL	DRY	DRY
6. Gangetic West Bengal	ISOL	DRY	ISOL	DRY	DRY
7. Odisha	ISOL	ISOL	ISOL	DRY	DRY
8. Jharkhand	DRY	DRY	ISOL	DRY	DRY
9. Bihar	DRY	DRY	ISOL	DRY	DRY
10. East Uttar Pradesh	DRY	DRY	ISOL	DRY	DRY
11. West Uttar Pradesh	DRY	ISOL	DRY	DRY	DRY
12. Uttarakhand	ISOL	SCT	ISOL	DRY	DRY
13. Harvna, Chd & Delhi	ISOL	ISOL	DRY	DRY	DRY
14. Punjab	ISOL	ISOL	DRY	DRY	ISOL
15. Himachal Pradesh	FWS	WS	FWS	ISOL	ISOL
16. Jammu & Kashmir	WS	WS	SCT	ISOL	SCT
17. West Rajasthan	DRY	DRY	DRY	DRY	DRY
18. East Rajasthan	DRY	DRY	DRY	DRY	DRY
19. West Madhya Pradesh	DRY	DRY	DRY	DRY	DRY
20. East Madhya Pradesh	DRY	ISOL	ISOL	DRY	DRY
21. Gujarat Region	DRY	DRY	DRY	DRY	DRY
22. Saunashtra & Kutch	DRY	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	ISOL	ISOL	DRY	DRY
27. Chhattisgarh	DRY	ISOL	ISOL	ISOL	ISOL
28. Coastal Andhra Pradesh	DRY	ISOL	ISOL	ISOL	ISOL
29. Telangana	DRY	ISOL	ISOL	DRY	DRY
30. Rayalaseema	DRY	DRY	DRY	DRY	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	DRY	DRY	DRY	DRY	DRY
35. Kerala	ISOL	ISOL	ISOL	ISOL	DRY
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

- **19 March (Day 1): Thunderstorm accompanied with hailstorm, lightning & gusty winds at isolated places very likely** over Jammu & Kashmir and Himachal Pradesh.
- **Thunderstorm accompanied with lightning & gusty winds at isolated places very likely** over Sub- Himalayan West Bengal & Sikkim and Kerala.
- **20 March (Day 2): Thunderstorm accompanied with hailstorm, lightning & gusty winds at isolated places very likely** over Jammu & Kashmir, Himachal Pradesh, Uttarakhand and Punjab.
- **Thunderstorm accompanied with lightning & gusty winds at isolated places very likely** over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Haryana, Chandigarh & Delhi, Southeast Madhya Pradesh, Vidarbha, Chhattisgarh, Odisha, North Coastal Andhra Pradesh and Kerala.
- **Heavy rain at isolated places likely** over Arunachal Pradesh.
- **21 March (Day 3): ♦ Thunderstorm accompanied with lightning & gusty winds at isolated places very likely** over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Southeast Madhya Pradesh, Vidarbha and Chhattisgarh Gangetic West Bengal and Odisha.
- **22 March (Day 4): ♦ Thundersquall accompanied with lightning at isolated places likely** over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **23 March (Day 5): ♦ No weather warning.**

Salient Advisories

Thunderstorm/Hailstorm/Thundersquall and advisory

Warning

- Thunderstorm accompanied with hailstorm, lightning & gusty winds at isolated places very likely over Jammu & Kashmir and Himachal Pradesh during next 48 hours and Uttarakhand & Punjab on 20th .
- Thunderstorm accompanied with lightning & gusty winds at isolated places very likely over Sub- Himalayan West Bengal & Sikkim during next 24 hours ; over Kerala during next 48 hours, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Southeast Madhya Pradesh, Vidarbha, Chhattisgarh and Odisha on 20th and 21st ; Haryana, Chandigarh & Delhi and North Coastal Andhra Pradesh on 20th and Gangetic West Bengal on 21st.
- Thundersquall accompanied with lightning at isolated places likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 22nd March

Advisory

- In the above mentioned regions, use hail net for orchard crops to protect from mechanical damage and 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 Rainfall

Warning

- Heavy rain at isolated places likely over Arunachal Pradesh on 20th.

Advisory

In Arunachal Pradesh, avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Provide proper drainage to all crop to avoid waterlogging. Keep harvested produce at safer places.

Assam, Mizoram Meghalaya and Nagaland

- In Assam, continue land preparation/ sowing of direct seeded *ahu* rice and *bau* rice. Undertake nursery bed preparation for transplanted early *ahu* rice. Continue land preparation of green gram and black gram.
- In Nagaland, undertake land preparation for sowing of maize.
- In Mizoram continue harvesting of rabi maize.
- In Meghalaya , undertake nursery raising/ transplanting Tomato/Chilli/ Brinjal & Chilli and seed sowing of Cucurbits (Cucumber/Pumpkin /Bottle Gourd/ Ash Gourd/Squash).

Jammu & Kashmir

- In Jammu Division, in late sown wheat, for yellow rust infestation, apply Propaconazole @ 25ml in 25 lits. of water during clear weather.
- In Srinagar valley region undertake harvesting of winter vegetables grown in the poly houses.

Madhya Pradesh and Chhattisgarh

- In West Madhya Pradesh, undertake sowing of summer maize (for green cobs, baby corn, sweet corn), mung, urd, groundnut and sunflower.
- In Chhattisgarh, complete planting of sugarcane.
- In East Madhya Pradesh, undertake field preparation for sowing of summer mung, undertake harvesting of matured chickpea.

Gujarat

- In Gujarat, continue land preparation and sowing of sesame, green gram and cowpea. Undertake harvesting of matured wheat and fennel.
- In South Sourashtra, undertake harvesting of matured wheat.

Maharashtra

- Due to increasing temperature in the state apply irrigation to standing summer crops (groundnut, orchids and vegetables) to protect from dry condition.
- In Konkan, undertake harvesting of cowpea and *wal*.
- In Madhya Maharashtra, continue harvesting of matured wheat. In groundnut to control tikka leaf spot, spray Mancozeb @ 2.5 g or Carbendazim @ 1 g in 1 litre of water.
- In Marathwada, continue harvesting and threshing of wheat and safflower.
- In west Vidarbha, continue harvesting of early sown matured wheat and matured safflower.

- In East Vidarbha, continue harvesting and threshing of matured wheat.

Haryana and Delhi

- In Delhi, continue sowing of green gram and black gram.
- In Haryana, undertake harvesting of matured mustard, undertake planting of spring sugarcane.

Uttar Pradesh and Uttarakhand

- In East Uttar Pradesh, continue planting of spring sugarcane.
- In West Uttar Pradesh, continue sowing of green gram and harvesting of mustard.
- In Uttarakhand, complete sowing of summer mung.

Rajasthan

- In West Rajasthan under assured irrigation undertake sowing of summer moong and complete planting of sugarcane.
- In East Rajasthan , continue harvesting of gram and mustard.

West Bengal

- In Sub Himalayan West Bengal, continue transplanting of *Boro* rice
- In Coastal Saline zone of West Bengal, undertake sowing of chaiti mung or black gram.
- In New Alluvial Zone of West Bengal, in mustard, to control aphid spray Imidachloprid @3ml/10 litre of water.

Bihar & Jharkhand

- In Jharkhand, undertake harvesting of chick pea and undertake sowing of summer cowpea and summer mung. Weather is congenial for incidence of Blast in summer rice, spray Carbendazim 50 WP @ 2 g per lt. water or Tricyclazole (Beam) @ 6 g per 10 lt. water during clear daytime
- In Bihar continue sowing of green gram and black gram.

Telangana and Kerala

- In Telangana, continue sowing of fodder crops like sorghum, bajra and maize can be taken up for fodder with assured irrigation facilities.
- In Kerala undertake planting of pepper and land preparation for ginger plantation. Complete harvesting of rice before onset of summer showers.