

Advisory for DD Kisan dated 12.03.19
(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)

Significant Weather Features

- A fresh Western Disturbance (along with an induced cyclonic circulation) and wind confluence between westerlies & easterlies (at lower levels) over Central India & adjoining northern plains are very likely to cause fairly widespread to widespread rain/snow over Western Himalayan Region (WHR) and isolated to scattered rainfall over Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, north Rajasthan, Madhya Pradesh and Chhattisgarh on 13th & 14th. Thunderstorm accompanied with hailstorm, lightning & gusty winds at isolated places are also likely over WHR & Punjab on 13th & 14th and over Haryana, Chandigarh & Delhi, Uttar Pradesh and north Rajasthan on 14th. Thunderstorm accompanied with lightning & gusty winds are likely over the remaining parts of Northwest & Central India on these two days.
- The wind confluence zone is likely to shift eastwards from 14th evening leading to a likely increase in rain/thundershower activity over East & Northeast India on 14th & 15th. Isolated to scattered/fairly widespread rainfall likely over Jharkhand, Gangetic West Bengal and adjoining areas of Odisha & Bihar on 14th & 15th with isolated thundersqualls and lighting over these regions during this period.

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 most places over Jammu & Kashmir and Himachal Pradesh and at many places over Uttarakhand.
- **Rain/Thundershowers observed (from 0830 hours IST of yesterday to 0830 hours IST of today):** at a few places over Punjab, Haryana, Chandigarh & Delhi and Arunachal Pradesh and at isolated places over Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Odisha, West Uttar Pradesh, Vidarbha, Chhattisgarh, Telangana, South Interior Karnataka and Kerala.

Weather Forecast for next 5 days upto 0830 hours IST 17th March 2019

- Meteorological sub-division wise detailed 5 days precipitation forecast is given in Table-1.
- No significant change in maximum & minimum temperatures likely over major parts of the country during next 2-3 days. Maximum temperatures are very likely to remain above normal by 2-4°C over north Kerala, Karnataka, Rayalaseema and Telangana and by 2-3°C over interior Maharashtra during the same period.

Table- 1

5 Day Rainfall Forecast (MID-DAY)

12-March-2019

Met-Sub-Division	12-Mar Today	13Mar Wed	14Mar Thu	15Mar Fri	16Mar Sat
1. Andaman & Nicobar Islands	ISOL	ISOL	DRY	ISOL	ISOL
2. Arunachal Pradesh	SCT	ISOL	ISOL	SCT	FWS
3. Assam & Meghalaya	ISOL	DRY	ISOL	ISOL	ISOL
4. N. M. M. & T.	DRY	DRY	DRY	ISOL	ISOL
5. S.H. West Bengal & Sikkim	ISOL	ISOL	ISOL	ISOL	ISOL
6. Gangetic West Bengal	DRY	DRY	SCT	FWS	ISOL
7. Odisha	ISOL	ISOL	SCT	ISOL	DRY
8. Jharkhand	DRY	ISOL	SCT	FWS	ISOL
9. Bihar	DRY	DRY	ISOL	ISOL	DRY
10. East Uttar Pradesh	DRY	ISOL	SCT	ISOL	DRY
11. West Uttar Pradesh	DRY	ISOL	SCT	ISOL	DRY
12. Uttarakhand	ISOL	SCT	WS	ISOL	DRY
13. Haryana, Chd & Delhi	DRY	SCT	FWS	DRY	DRY
14. Punjab	DRY	SCT	SCT	DRY	DRY
15. Himachal Pradesh	ISOL	FWS	WS	ISOL	DRY
16. Jammu & Kashmir	ISOL	FWS	FWS	ISOL	DRY
17. West Rajsthan	DRY	ISOL	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	SCT	SCT	ISOL	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. Marathwada	DRY	DRY	DRY	DRY	DRY
26. Vidharbha	ISOL	ISOL	ISOL	DRY	DRY
27. Chhattisgarh	ISOL	SCT	ISOL	ISOL	DRY
28. Coastal Andhra Pradesh	DRY	DRY	DRY	DRY	DRY
29. Telangana	DRY	DRY	DRY	DRY	DRY
30. Rayalaseema	DRY	DRY	DRY	DRY	DRY
31. Tamilnadu & Puducherry	ISOL	DRY	DRY	DRY	DRY
32. Coastal Karnataka	DRY	DRY	DRY	DRY	DRY
33. North Interior Karnataka	ISOL	DRY	DRY	DRY	DRY
34. South Interior Karnataka	DRY	DRY	DRY	DRY	DRY
35. Kerala	DRY	DRY	DRY	DRY	DRY
36. Lakshadweep	ISOL	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 Widespred (FWS/ Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		

Weather Warning

- **12 March (Day 1):** No weather warning.
- **13 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 Haryana, Chandigarh & Delhi, north Rajasthan, north Madhya Pradesh and Chhattisgarh.
- **14 March (Day 3):** Thunderstorm accompanied with hailstorm, lightning & gusty winds at isolated places very likely over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh and north Rajasthan. Thunderstorm accompanied with lightning & gusty winds at isolated places very likely over East Madhya Pradesh, Chhattisgarh, Bihar, Jharkhand, West Bengal & Sikkim and Odisha.
- **15 March (Day 4):** Thundersquall accompanied with lightning at isolated places very likely over Jharkhand, Gangetic West Bengal and Bihar. Thunderstorm accompanied with lightning & gusty winds at isolated places very likely over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim and Odisha.
- **16 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, Himachal Pradesh, Uttarakhand and Punjab on 13th and 14th, over Haryana, Chandigarh & Delhi, Uttar Pradesh and north Rajasthan on 14th.
- Thunderstorm accompanied with lightning & gusty winds at isolated places very likely over Haryana, Chandigarh & Delhi, north Rajasthan, north Madhya Pradesh on 13th, over Chhattisgarh on 13th and 14th, over East Madhya Pradesh, Bihar, Jharkhand, West Bengal & Sikkim on 14th, over Odisha on 14th and 15th, over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim on 15th.
- Thundersquall accompanied with lightning at isolated places very likely over Jharkhand, Gangetic West Bengal and Bihar on 15th.

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.

Salient Advisories

Assam, Nagaland, Manipur

- In Assam, farmers having assured irrigation facilities may continue nursery bed preparation for sowing of normal *ahu* rice. Undertake sowing of green gram, black gram. Continue harvesting of matured rapeseed-mustard.
- In Nagaland, undertake land preparation and sowing of green gram. Undertake nursery preparation for chilli. Undertake sowing of cucurbitaceous crops.
- In Manipur continue harvesting of mustard and pulses. Continue transplanting of *pre - kharif* rice.

Jammu & Kashmir

- In Valley Temperate Zone of Jammu & Kashmir, continue sowing of solanaceous crop seeds under polyhouses for raising early nursery and sowing of cucurbit seeds in polybags under protected conditions. Proper drainage may be provided in all vegetable crop fields to avoid water logging.
- In Jammu division, continue transplanting of Vegetables (tomato/brinjal/chillies) from nursery to main fields. Undertake digging up of matured tubers of potato.

Madhya Pradesh and Chhattisgarh

- In West Madhya Pradesh, undertake sowing of groundnut, green gram and black gram. Continue harvesting of matured wheat and gram.
- In Chhattisgarh, continue harvesting of gram, pea, mustard and lentil crops. Apply irrigation in summer rice, sugarcane, wheat and summer vegetable crops as per soil moisture condition.
- Complete sowing of summer moong, til and groundnut crops.

Gujarat

- In Saurashtra& Kutch, continue sowing of summer groundnut and sesame crops.
- In North Gujarat, continue land preparation and sowing of summer groundnut, pearl millet and sesame. Continue harvesting of matured castor capsules, gram and cumin crops.
- In Middle Gujarat, continue land preparation and undertake sowing of sesame. Continue harvesting of matured wheat, mustard and castor capsules.

Maharashtra

- In Konkan, maintain 10 cm water in rice fields. Apply irrigation to vegetable crops and newly planted orchards like mango, cashew and sapota.
- In Madhya Maharashtra, continue harvesting of matured wheat. Apply irrigation to summer groundnut as per requirement of crop.
- In Marathwada, continue harvesting of wheat. Apply irrigation to vegetables and orchards.
- In Vidarbha, complete sowing of summer green gram (Pusa Vaishaki) by 15th March. Undertake harvesting of early sown matured wheat. Keep harvested produce in safer place. Continue harvesting of matured safflower.

Punjab , Haryana and Delhi

- In Punjab, continue planting of sugarcane and sowing of vegetables (cucurbits, *okra* and cowpea). Apply irrigation in wheat. Undertake sowing of sunflower.
- In Delhi, continue sowing of green gram , black gram, French bean and cluster bean.
- In Haryana, continue harvesting of matured mustard and sugarcane and sowing of sunflower.

Uttar Pradesh and Uttarakhand

- In East Uttar Pradesh, apply irrigation in vegetables. Undertake harvesting of matured mustard.
- In West Uttar Pradesh, continue sowing of lady finger, French bean (contender) and cluster bean. Undertake sowing of green gram and black gram. Undertake digging up of matured tubers of potato.
- In Uttarakhand, planting of spring season sugarcane crop should be completed up to 15th March. Undertake sowing of okra and cucurbits.

Rajasthan

- Continue sowing of green gram, groundnut, okra & early summer cucurbits like bottle gourd, round gourd, bitter gourd, water melon and musk melon. Also continue harvesting matured mustard crop.

Odisha

- Continue sowing of summer sunflower, groundnut, green gram and black gram. Continue harvesting of matured mustard.

West Bengal

- In Sub Himalayan West Bengal, continue harvesting of matured cole crops like cabbage, cauliflower, broccoli, etc.
- In Gangetic West Bengal, undertake intercultural operations in Boro rice, mustard and onion.

Bihar & Jharkhand

- In Jharkhand, continue sowing cowpea, maize, mung and okra. Undertake harvesting of matured gram and mustard.
- In Bihar, harvest matured mustard crop. Carry out digging out matured potato tubers. Continue sowing of green gram, black gram, summer maize and sunflower. Continue land preparation for sowing of summer vegetables.

Andhra Pradesh and Kerala

- In North Coastal Andhra Pradesh, complete sowing of summer green gram and planting of sugarcane.
- In Kerala, to reduce soil moisture losses and its conservation in coconut orchards, mulching may be carried out using green or dried coconut husk, coconut leaves etc.