

Advisory for DD Kisan dated 15.02.19
(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)

Significant Weather Features

- The current Western Disturbance and its associated circulation features has weakened from today morning . As a result, the severity and spatial extent of weather over northwest India is very likely to reduce from today evening. Scattered to fairly widespread rain/ thundershowers with isolated hailstorms, gusty winds and lightning are likely over Uttarakhand, Uttar Pradesh. East Madhya Pradesh, Chhattisgarh, Bihar, Jharkhand, Odisha and West Bengal & Sikkim today.
- It is very likely that a fresh Western Disturbance in quick succession could affect western Himalayan region from 17th February and northern plains from 18th February, once again resulting in severe weather over the western Himalayan region during 19th-21st February.

Realised Rainfall

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

- Rainfall/snowfall observed at most places over Jammu & Kashmir, Himachal Pradesh and Uttarakhand.
- Rain/thundershowers occurred at most places over Uttar Pradesh; at many places over Punjab and Haryana, Chandigarh & Delhi; at a few places over East Madhya Pradesh and at isolated places over West Madhya Pradesh, Bihar and Tamilnadu.

5 Day Rainfall Forecast (MID-DAY)

15-February-2019

Met-Sub-Division	15-Feb Today	16Feb Sat	17Feb Sun	18Feb Mon	19Feb Tue
1. Andaman & Nicobar Islands	DRY	DRY	DRY	DRY	DRY
2. Arunachal Pradesh	ISOL	FWS	FWS	SCT	ISOL
3. Assam & Meghalaya	ISOL	SCT	FWS	ISOL	ISOL
4. N. M. M. & T.	DRY	ISOL	SCT	ISOL	ISOL
5. S.H. West Bengal & Sikkim	SCT	SCT	ISOL	ISOL	ISOL
6. Gangetic West Bengal	ISOL	SCT	DRY	DRY	DRY
7. Odisha	ISOL	SCT	ISOL	DRY	DRY
8. Jharkhand	SCT	SCT	DRY	DRY	DRY
9. Bihar	SCT	SCT	DRY	DRY	DRY
10. East Uttar Pradesh	WS	ISOL	DRY	DRY	DRY
11. West Uttar Pradesh	FWS	ISOL	DRY	ISOL	ISOL
12. Uttarakhand	FWS	ISOL	DRY	FWS	FWS
13. Haryana, Chd & Delhi	ISOL	DRY	DRY	ISOL	ISOL
14. Punjab	ISOL	DRY	DRY	ISOL	ISOL
15. Himachal Pradesh	FWS	DRY	ISOL	FWS	FWS
16. Jammu & Kashmir	SCT	DRY	SCT	WS	WS
17. West Rajasthan	DRY	DRY	DRY	DRY	ISOL
18. East Rajasthan	ISOL	DRY	DRY	DRY	ISOL
19. West Madhya Pradesh	ISOL	DRY	DRY	DRY	ISOL
20. East Madhya Pradesh	SCT	ISOL	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. Marathwada	DRY	DRY	DRY	DRY	DRY
26. Vidharbha	ISOL	DRY	DRY	DRY	DRY
27. Chhattisgarh	SCT	SCT	DRY	DRY	DRY
28. Coastal Andhra Pradesh	DRY	ISOL	ISOL	DRY	DRY
29. Telangana	ISOL	DRY	DRY	DRY	DRY
30. Rayalaseema	DRY	DRY	DRY	DRY	DRY
31. Tamilnadu & Puducherry	ISOL	ISOL	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	DRY	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

- **15 February (Day 1):** Thunderstorm accompanied with hailstorm, lightning and gusty winds at isolated places very likely over Uttarakhand, Uttar Pradesh, East Madhya Pradesh, Jharkhand, Vidarbha and Chhattisgarh.
- **Thunderstorm accompanied with lightning and gusty winds** at isolated places very likely over Bihar, West Bengal & Sikkim and Interior Odisha.
- **Dense fog at isolated places** in the morning hours very likely over Coastal Odisha, North Rajasthan and Punjab.
- **16 February (Day 2): Thunderstorm accompanied with hailstorm, lightning and gusty winds at isolated places** very likely over Odisha and Chhattisgarh.
- **Thunderstorm accompanied with lightning and gusty winds at isolated places** very likely over Bihar, Jharkhand, south Kerala, Interior Tamilnadu, Arunachal Pradesh, Assam & Meghalaya and West Bengal & Sikkim.
- **17 February (Day 3): ♦ Thunderstorm accompanied with gusty winds and lightning at isolated places very likely** over south Tamilnadu, south Kerala, Nagaland, Manipur, Mizoram & Tripura, Arunachal Pradesh and Assam & Meghalaya.
- **18 February (Day 4): ♦ Thunderstorm accompanied with hailstorm and gusty winds at isolated places likely** over Jammu & Kashmir and Himachal Pradesh.
- **19 February (Day 5): ♦ Heavy rain/snow at isolated places likely** over Jammu & Kashmir and Himachal Pradesh.
- **Thunderstorm accompanied with hailstorm and gusty winds at isolated** places likely over Jammu & Kashmir, Himachal Pradesh, Uttarakhand..

Salient Advisories

Thunderstorm/ hailstorm and advisory

Warning

- **Thunderstorm accompanied with hailstorm, lightning and gusty winds at isolated places** very likely over Uttarakhand on 15th and 19th, Uttar Pradesh, East Madhya Pradesh, Jharkhand, Vidarbha on 15th Chhattisgarh on 15th & 16th, Odisha on 16th, Jammu & Kashmir and Himachal Pradesh on 18th & 19th and on Uttarakhand on 19th.
- **Thunderstorm accompanied with lightning and gusty winds** at isolated places very likely over Bihar, West Bengal & Sikkim on 15th & 16th; Interior Odisha on 15th; Jharkhand & Interior Tamilnadu on 16th and south Kerala, Arunachal Pradesh, Assam & Meghalaya and on 16th 17th and south Tamilnadu, Nagaland, Manipur, Mizoram & Tripura, and on 17th.

Advisory

In above regions, use hail net for orchard crops to protect from mechanical damage. 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 rain/snow

Warning

- Heavy rain/snow at isolated places likely over Jammu & Kashmir and Himachal Pradesh on 19th.

Advisory

- Avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Provide drainage channels in the fields wherever there is probability of water accumulation in rabi crops (Wheat, oats, lentil, pea, brown sarson, saffron chickpea). Avoid pruning of apple trees until the weather is warm. Cover the trenches and polyhouses with polythene and blankets during the night to avoid losses due to sudden dip in temperature in Himachal Pradesh.

Fog and Advisories

Realized

- Dense to very dense fog observed at isolated places over West Rajasthan; Moderate fog at isolated places over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Haryana, Uttar Pradesh, Assam & Meghalaya, Odisha and Coastal Andhra Pradesh.
- Shallow to moderate fog in the morning hours likely in isolated pockets of northwest India during next 2 days.

Advisory

- Monitor tomato and potato for early/late blight disease. If symptoms are noticed, undertake appropriate plant protection measures.

State-wise Advisories

Assam, Arunachal Pradesh and Manipur

- As there are chances of rainfall at many, keep already harvested potato tubers in safer location in Upper Brahmaputra valley zone of Assam.
- In North Bank Plain Zone of Assam undertake land preparation for sowing of direct seeded ahu rice, summer Green gram and Black gram.
- In Central Brahmaputra Valley zone of Assam undertake land preparation for sowing of *Capsularis* jute.
- In Arunachal Pradesh undertake harvesting of pea, potato and tomato. Also undertake land preparation for sowing of maize and early *khari* vegetables.
- In Manipur, undertake nursery raising of pre *khari* rice.
- In Tripura undertake harvesting of Rabi legumes (mustard, lentil).

Himachal Pradesh

- Due to congenial weather in Sub-Montane & Low Hills Sub-Tropical Zone monitor mustard crop against attack of white rust. Spray Dithane-M-45 @ 2 gram/ litre of water after current spells of rain

Jammu & Kashmir

- As there was significant rainfall in past few days and there is possibility of rainfall in next 2 days, there may be chance of soft rot/root rot in pulse crops. If symptoms observed, apply Mancozeb @ 2.5 g/liter of water and Ridomil MZ @ 2.5 g/litres of water alternately as curative measure after current spells of rain.

Uttarakhand

- Bhabar and Tarai Zone of the state, undertake sowing of spring season sugarcane crop. Upper 2/3 part of sugarcane should be used for sugarcane seed.

Kerala

- Propping should be followed for banana to reduce the damage due to high wind.

Tamilnadu and Puducherry

- In Puducherry undertake sowing of rice fallow pulses, cotton and sesame after recommended seed treatment.
- Cauvery Delta Zone of Tamilnadu undertake harvesting of Thaladi and Samba rice and undertake sowing of rice fallow pulses.
- Prevailing temperature and high humidity in the state of Tamilnadu is favorable for disease incidence. Monitor the crops and adopt prophylactic measure at the suitable time

Chhattisgarh

- Continue harvesting of timely sown early varieties of mustard when siliqua turns into bright yellow colour and digging up of matured tubers of early and medium varieties of potato.
- In Bastar Plateau Zone, continue planting of sugarcane

Gujarat

- In Saurashtra & Kutch, continue land preparation and sowing of summer vegetable (okra, cluster bean and bottle gourd) crops. Continue land preparation for sowing of summer groundnut and undertake sowing as temperature rises to 22-25°C.

Maharashtra

- In Konkan, weather is congenial for incidence of blast in rice, spray Tricyclazole @ 10 g or Isoprothiolion @ 10 ml per 10 liters of water.
- In Madhya Maharashtra, complete sowing of summer groundnut.
- In Marathwada continue harvesting of matured chickpea.
- In Vidarbha, complete sowing of summer groundnut and sesame.

Andhra Pradesh and Telangana

- In Coastal Andhra Pradesh due to high relative humidity incidence of brown spot may spread on rice. Spray Mancozeb @ 2.5 g per litre. twice in one week interval.
- In Telangana prevailing warm day and cool nights is congenial for the incidence of Powdery Mildew in Mango. If noticed, spray Wettable Sulphur @ 3 g or Hexaconazole @ 2ml per liter of water.

Karnataka

- In South Interior Karnataka, continue transplanting of rice and sowing of summer ragi and continue planting of sugarcane. Continue harvesting of matured red gram.
- In North Interior Karnataka, continue transplanting of rice and new plantation of sugarcane.

Uttar Pradesh

- In East Uttar Pradesh, undertake sowing of cucurbits crops, bitter guard, bottle guard, cucumber, pimpkin, musk melon and water melon. Stop irrigation in potato crop one month before harvest for proper maturation of tubers of potato.

Rajasthan

In the state weather is favourable for incidence of appearance of aphid in mustard, Spray methail dimeton 25 E.C. @ 1 litre per hectare or Thiomethoxam 25 W.G. @ 200 gram per hectare.

Odisha

- Undertake transplanting of summer rice to the main fields. In transplanted rice, if mixed population of weeds i.e. grasses, sedges and broad leaved weeds are present, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR @ 4 kg/acre at 5-8 days after transplanting. Mix the granular herbicide with 12 kg sand/acre and broadcast it uniformly in the field.
- Mulching in carrot should be done to protect them from direct exposure of sunlight and conserve moisture.

West Bengal

- In Coastal Saline zone, due to morning fog Fungal attack may occur on Mango. Spray fresh water to the tree and apply a mixture of Dithane M-45@2.5g/liter of water and Carbaryl@2g/liter of water.
- In Gangetic West Bengal, complete transplanting of Boro paddy in the main field within 2-3 days

Bihar & Jharkhand

- Undertake sowing of maize and land preparation for transplanting of rice in Jharkhand
- Undertake Land preparation is for sowing of summer vegetables in Bihar

Punjab and Delhi

- In Punjab, complete sowing of sunflower. Complete transplanting of tomato seedlings. Continue sowing of long duration varieties of sunflower. Complete sowing of spring potato in the 2nd fortnight of this month. Undertake planting of sugarcane from second fortnight of this month.
- In Delhi undertake land preparation for sowing of green gram and black gram and summer vegetables.

