

Advisory for DD Kisan dated 06.04.18

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

Significant Weather Features

- Thundersqualls and isolated hailstorm are very likely over parts of east and northeast India during 5th to 8th April.
- An approaching Western Disturbance is likely to enhance the rain/snowfall over Western Himalayan Region and northern plains during 8th to 11th April. Isolated Thunder squall and Hailstorm are also likely over the region during 8th to 10th April.
- Yesterday, Isolated Thundersquall and Hailstorm occurred over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura.
- Yesterday's heat wave and warm night conditions prevailed over one or two pockets of West Madhya Pradesh.

Realised Rainfall

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

- Rain / thundershowers observed at most places over Arunachal Pradesh; at many places over Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya and Andaman & Nicobar Islands; at a few places over North Interior Karnataka, Nagaland, Manipur, Mizoram & Tripura and Punjab and at isolated places over Himachal Pradesh, West Rajasthan, Madhya Maharashtra, Chhattisgarh, Odisha, Bihar and Gangetic West Bengal.

Maximum temperature

- **Maximum temperature departures as on 05.04.2018:** Maximum temperatures were markedly above normal (5.1°C or more) at many places over Jammu & Kashmir; appreciably above normal (3.1°C to 5.0°C) at most places over Uttarkhand and West Madhya Pradesh; at many places over Punjab, Haryana, Chandigarh & Delhi, Rajasthan and East Madhya Pradesh; above normal (1.6°C to 3.0°C) at most places over West Uttar Pradesh and Vidarbha; at many places over Chhattisgarh, Madhya Maharashtra, Marathwada, Coastal Karnataka, Arunachal Pradesh and Assam & Meghalaya; at a few places over Nagaland, Manipur, Mizoram & Tripura and at isolated places over Konkan & Goa, Tamilnadu & Puducherry and Kerala.
- **The highest maximum temperature of 43.2°C** was recorded at **Chandrapur (Vidarbha)** over the plains of the country.

Temperature Forecast:

- Maximum temperatures likely to fall 2-3°C over major parts of the country during next 3 days.

5 Day Rainfall Forecast (Mid-day)

6th April 2018

Met-Sub-Division	06-Apr Today	07Apr Sat	08Apr Sun	09Apr Mon	10Apr Tue
1. Andaman & Nicobar Islands	SCT	FWS	FWS	FWS	SCT
2. Arunachal Pradesh	FWS	SCT	FWS	FWS	FWS
3. Assam & Meghalaya	SCT	SCT	SCT	FWS	FWS
4. N. M. M. & T.	FWS	FWS	WS	FWS	FWS
5. S.H. West Bengal & Sikkim	FWS	FWS	FWS	FWS	SCT
6. Gangetic West Bengal	SCT	FWS	SCT	ISOL	ISOL
7. Odisha	ISOL	ISOL	ISOL	ISOL	ISOL
8. Jharkhand	ISOL	SCT	SCT	ISOL	ISOL
9. Bihar	ISOL	SCT	SCT	ISOL	ISOL
10. East Uttar Pradesh	ISOL	SCT	SCT	SCT	ISOL
11. West Uttar Pradesh	ISOL	ISOL	SCT	ISOL	ISOL
12. Uttarakhand	ISOL	SCT	FWS	FWS	FWS
13. Haryana, Chd & Delhi	ISOL	ISOL	ISOL	ISOL	ISOL
14. Punjab	ISOL	ISOL	ISOL	SCT	SCT
15. Himachal Pradesh	ISOL	ISOL	SCT	FWS	FWS
16. Jammu & Kashmir	ISOL	ISOL	SCT	WS	FWS
17. West Rajasthan	ISOL	ISOL	ISOL	ISOL	ISOL
18. East Rajasthan	ISOL	ISOL	ISOL	ISOL	ISOL
19. West Madhya Pradesh	ISOL	ISOL	ISOL	ISOL	ISOL
20. East Madhya Pradesh	DRY	ISOL	ISOL	ISOL	ISOL
21. Gujarat Region	DRY	DRY	DRY	DRY	DRY
22. Saurashtra & Kutch	DRY	DRY	DRY	DRY	DRY
23. Konkan & Goa	ISOL	ISOL	ISOL	ISOL	ISOL
24. Madhya Maharashtra	ISOL	ISOL	ISOL	ISOL	ISOL
25. Marathwada	ISOL	ISOL	ISOL	ISOL	ISOL
26. Vidharbha	ISOL	ISOL	ISOL	ISOL	ISOL
27. Chhattisgarh	ISOL	ISOL	ISOL	ISOL	ISOL
28. Coastal Andhra Pradesh	ISOL	ISOL	ISOL	ISOL	ISOL
29. Telangana	ISOL	ISOL	ISOL	ISOL	ISOL
30. Rayalaseema	DRY	ISOL	SCT	SCT	ISOL
31. Tamilnadu & Puducherry	ISOL	ISOL	SCT	ISOL	ISOL
32. Coastal Karnataka	ISOL	ISOL	SCT	ISOL	ISOL
33. North Interior Karnataka	SCT	ISOL	ISOL	SCT	ISOL
34. South Interior Karnataka	ISOL	ISOL	SCT	SCT	ISOL
35. Kerala	ISOL	ISOL	SCT	SCT	ISOL
36. Lakshadweep	DRY	ISOL	ISOL	ISOL	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

- 06 April (Day 1):** Thunderstorm accompanied with squall and hail very likely at isolated places over Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya.
 Thunderstorm accompanied with squall very likely at isolated places over Gangetic West Bengal, Jharkhand and Nagaland, Manipur, Mizoram & Tripura.
 Thunderstorm accompanied with gusty winds & lightning very likely at isolated places over Madhya Maharashtra and Marathwada.

Thunderstorm accompanied with gusty winds very likely at isolated places over interior Tamilnadu, north Kerala, Interior Karnataka, Telangana, West Madhya Pradesh, Vidarbha, Chhattisgarh, Odisha Haryana, Chandigarh & Delhi and South West Uttar Pradesh.

Dust/thunderstorms very likely at isolated places over Rajasthan.

07 April (Day 2): Heavy rain very likely at isolated places over Meghalaya.

Thunderstorm accompanied with squall and hail very likely at isolated places over Gangetic West Bengal, Jharkhand and Odisha.

Thunderstorm accompanied with squall very likely at isolated places over Bihar, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

Thunderstorm accompanied with gusty winds & lightning very likely at isolated places over Madhya Maharashtra and Marathwada.

Thunderstorm accompanied with gusty winds very likely at isolated places over interior Tamilnadu, Interior Karnataka, Telangana, Vidarbha, Chhattisgarh, and Sub-Himalayan West Bengal & Sikkim.

08 April (Day 3): Heavy rain very likely at isolated places over Sub-Himalayan West Bengal & Sikkim.

Thunderstorm accompanied with squall and hail very likely at isolated places over Uttrakhand and Odisha.

Thunderstorm accompanied with squall very likely at isolated places over Sub-Himalayan West Bengal & Sikkim, Bihar, north Uttar Pradesh and Punjab.

Thunderstorm accompanied with gusty winds & lightning very likely at isolated places over Madhya Maharashtra, Marathwada and south Konkan & Goa.

Thunderstorm accompanied with gusty winds very likely at isolated places over interior Tamilnadu, Kerala, Interior & Coastal Karnataka, Vidarbha, Chhattisgarh, Jharkhand, Gangetic West Bengal and East Madhya Pradesh.

09 April (Day 4): Thunderstorm accompanied with squall and hail likely at isolated places over Jammu & Kashmir, Himachal Pradesh and Uttrakhand.

Thunderstorm accompanied with squall likely at isolated places over Punjab.

Thunderstorm accompanied with gusty winds likely at isolated places over Kerala and Haryana, Chandigarh & Delhi.

10 April (Day 5): Thunderstorm accompanied with squall and hail likely at isolated places over Jammu & Kashmir, Himachal Pradesh and Uttrakhand.

Thunderstorm accompanied with squall likely at isolated places over Punjab and north Uttar Pradesh.

Thunderstorm accompanied with gusty winds likely at isolated places over Haryana, Chandigarh & Delhi.

Heavy Rainfall warning and Advisory

Warning:

- Heavy rain very likely at isolated places over Meghalaya on 7th, over Sub-Himalayan West Bengal & Sikkim on 8th.

Advisory:

- In view of expected rain with isolated heavy rain in above regions, postpone irrigation, application of fertilizers and plant protection methods to standing crops. Provide adequate drainage in standing crops to avoid water stagnation.

Thunderstorm accompanied with hail/ squall/ gusty winds

Warning:

- Thunderstorm accompanied with squall and hail very likely at isolated places over Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya on 6th over Gangetic West Bengal, Jharkhand on 7th, Odisha on 7th and 8th, Utrakhand on 8th, Jammu & Kashmir, Himachal Pradesh and Utrakhand on 9th and 10th April.
- Thunderstorm accompanied with squall very likely at isolated places over Gangetic West Bengal, Jharkhand on 6th and Nagaland, Manipur, Mizoram & Tripura on 6th & 7th, Bihar, Assam & Meghalaya on 7th, Sub-Himalayan West Bengal & Sikkim, Bihar, on 8th north Uttar Pradesh 8th & 10th, and Punjab on 8th, 9th & 10th April.
- Thunderstorm accompanied with gusty winds & lightning very likely at isolated places over Madhya Maharashtra and Marathwada during next 72 hours and over south Konkan & Goa on 8th April.
- Thunderstorm accompanied with gusty winds very likely at isolated places over interior Tamil Nadu, Vidarbha, Chhattisgarh on 6th, 7th & 8th, Interior Karnataka on 6th & 7th, north Kerala, , Telangana, West Madhya Pradesh, , Odisha, and South West Uttar Pradesh on 6th.
- Haryana, Chandigarh & Delhi on 6th, 9th & 10th. Sub-Himalayan West Bengal & Sikkim on 7th, , Interior & Coastal Karnataka, ,Jharkhand, Gangetic West Bengal and East Madhya Pradesh on 8th April. Kerala on 8th & 9th April.
- Dust/thunderstorms very likely at isolated places over Rajasthan during next 24 hours.

Advisory:

- In view of thunderstorm accompanied with squall and hail in above regions, make arrangement for hailnet or hailcaps in orchards to protect orchard fruits and fruit vegetables like tomato from damage due to hail. Harvest matured fruits and fruit vegetables as early as possible.
- In view of expected thunderstorm accompanied with squall / 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.
- In view of expected dust storm/thunderstorm over Rajasthan apply sprinkle irrigation to vegetables and young fruit plants in evening.

Agromet Advisories for summer crops from different AMFUs in the country

Sate-wise Advisories

Assam & Meghalaya, Arunachal Pradesh

- In Arunachal Pradesh, undertake sowing of cucurbits, French bean and okra. Carry out land preparation for Jhum rice.
- In Meghalaya, carry out harvesting of mustard/ rapeseed and pea/chickpea/lentil at the earliest as there is a chance of rain on 9th & 10th April.
- In Lower Brahmaputra Valley Zone of Assam, undertake land preparation and sowing of Bao rice. Continue planting of sugarcane, pineapple, citrus plants, ginger and turmeric. Carry out harvesting of wheat crop as early as possible as there is chance of rain in the coming 5 days.
- In Upper Brahmaputra Valley Zone, continue sowing of maize after current spells of rain. Continue transplanting of Ahu rice seedlings and nursery sowing of Bao rice (varieties - Maguri, Panikekua, Amona, Negheri etc.).
- In the Central Brahmaputra Valley Zone, postpone harvesting of matured wheat/rabi pulses and land preparation/sowing of Jute for next 5 days. Continue land preparation and sowing of Bao rice (varieties - Maguri, Kekua Bao, Negheri Bao, Tara Bao etc.).
- In the North Bank Plain Zone, continue land preparation/sowing of Bau rice (varieties Maguri, Panikekua, Amona, Negheri etc.). Continue sowing of okra (varieties : Pusa Sawani, ArkaAnamika, Parbhdani Kranti etc.). Continue land preparation/sowing of direct seeded Ahu rice (varieties Banglami, Rangadoria, Ahu joha, Rasi etc.). Undertake land preparation for summer pulses like green gram and black gram.

Nagaland, Mizoram, Manipur and Tripura

- In Manipur, provide adequate drainage to pre-kharif rice, rabi maize and cucurbit crops. Carry out harvesting of potato.
- In Nagaland, undertake sowing of ginger and turmeric.
- In Mizoram, continue harvesting matured potato. Undertake sowing of rice (Jhum), maize (Jhum), ginger, turmeric, cowpea and okra crops.
- In Tripura, continue transplanting of seedlings of summer brinjal and tomato to the main field. Undertake transplanting of Jhum rice seedlings in the main field. Complete the sowing of cowpea.

Uttarakhand

- In mid and high hills of Bhabar and Tarai Zone, continue nursery sowing of brinjal, tomato, capsicum and chilli. Continue sowing of barnyard millet and French bean. Undertake transplanting of brinjal, chilli and capsicum in valley.
- Continue sowing of French bean and okra in Hill Zone. Undertake transplanting of brinjal, tomato, capsicum etc.

Himachal Pradesh:

- In Sub-Montane and Low Hill Sub-Tropical Zone, continue sowing of sunflower in lowland mid-hill areas. Continue sowing of green gram and black gram.
- In High Hill Temperate Dry Zone, clean the polyhouse and prepare beds for nursery of vegetables. Complete the grafting work in apple nursery.

Punjab, Haryana & Delhi

- Continue sowing of okra and cucurbits and continue harvesting of late sown mustard in clear weather in Western Zone of Punjab.
- In Western Plain Zone of Punjab, apply light irrigation in wheat at dough stage. Continue sowing of summer moong and mash. Continue harvesting of matured mustard.
- In Undulating Plain Zone of Punjab, continue planting of sugarcane.
- In Western Zone of Haryana, continue harvesting of late sown mustard. Continue sowing of green gram, black gram and planting of sugarcane.
- In Delhi, undertake harvesting of timely sown wheat. Adequate drying of harvested grains before storage should be done. Undertake sowing of green gram (Variety: - Pusa Visal, Pusa Ratna, Pusa 5931, Pusa Baisakhi, PDM-11, SML-32, SML-668, Samrat).

Rajasthan

- As dust / thunderstorm very likely at isolated places over Rajasthan on 6th, provide support to young fruit plants and vegetable crops. Keep harvested produce at safe places.
- Continue harvesting of matured mustard and cumin in Jodhpur district of Arid Western Plain Zone. Apply irrigation in vegetables. Undertake harvesting of wheat and gram.
- In Sub Humid Southern Plain and Aravalli Hill Zone, apply irrigation in summer groundnut at flowering stage.
- In Irrigated North Western Plain Zone, continue planting of sugarcane.
- In Flood Prone Eastern Plain Zone, undertake harvesting of matured wheat.
- In Semi Arid Eastern Plain Zone, continue harvesting of wheat and barley.

Bihar

- In South Bihar Alluvial Zone, farmers are advised to harvest and thresh matured oilseed, lentil, wheat and lathyrus in clear weather and keep it in safe place after threshing.
- In North West Alluvial Plain Zone, continue the sowing of summer maize varieties such as Suwan, Deoki, Ganga 11, Shaktiman-1, 2, 3, 4. Continue sowing of green gram and black gram.
- In North East Alluvial Zone, continue sowing of summer vegetables such as okra, pumpkin, cucumber, sponge gourd ridge gourd and bitter gourd.

Jharkhand

- In South Eastern Plateau Zone, continue harvesting of matured chickpea, lentil, pigeon pea and mustard in clear weather. Keep it at safe places.
- In Central and North eastern Plateau Zone, apply irrigation in gram at pod filling stage. Continue sowing of okra.
- In Western Plateau Zone, apply irrigation in summer moong. Maintain the water level in transplanted rice and broadcast urea after 25-30 days of transplanting.

Maharashtra

- In view of expected thunderstorm accompanied with gusty winds & lightning very likely at isolated places over Madhya Maharashtra and Marathwada during next 72 hours and over Konkan & Goa on 8th April and thunderstorm accompanied with gusty winds at isolated places over Vidarbha during next 72 hours, provide mechanical support to orchards (banana, Papaya), staking in vegetables and undertake propping in mid season sugarcane. Farmers are advised not to work in the field and keep cattle in shed during thunderstorm and lightning period.

- In Konkan, harvest matured pulses early in morning or late in evening and dry for 3 to 4 days. Due to temperature variation there is possibility of immature fruit dropping in mango, apply irrigation for alphonso mango @ 150 to 200 litres of water at fortnight interval.
- In Madhya Maharashtra, harvest matured crop and keep the harvested produce at safer place. Prevailing day temperature is favourable for attack of early shoot borer in sugarcane, apply Chlorantriliprole 18.5% SC @ 3 to 4 ml or Chlorantraniliprol granule 0.4% @ 18.75 kg/ha or Chlorpyrifos 20 % @ 15 ml per 10 litres of water. If there is shortage of irrigation water, apply irrigation in alternate furrow.
- In Marathwada, as light rain is expected at isolated places over region apply irrigation to summer sunflower and maize at 8 days interval. After harvesting of rabi crops undertake ploughing in fallow lands immediately.
- In Vidarbha, In view of expected rain during next 5 days, postpone harvesting of matured late sown wheat and avoid spraying in orchards & summer crops. Keep harvested produce in safer place. Maintain 5 cm water level in transplanted rice fields in east Vidarbha.