

Advisory for DD Kisan dated 07.05.19
(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)

Significant Weather Features

- **Heat Wave** conditions are very likely to prevail over parts of Vidarbha, Coastal Andhra Pradesh and Telangana during next 4 days and over parts of eastern India mainly during 8th - 11th May.
- **Dust raising winds** very likely over parts of Rajasthan and Haryana & Delhi during next 3 days.

Realised Weather

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

- **Rain/Thundershowers observed (from 0830 hours IST of yesterday to 0830 hours IST of today):** at many places over Arunachal Pradesh and Andaman & Nicobar Islands; at a few places over Assam & Meghalaya and Coastal & South Interior Karnataka and at isolated places over West Bengal & Sikkim, Odisha, Rayalseema, Kerala and Tamilnadu & Puducherry.
- **Thunderstorms observed (from 0830 hours IST of yesterday to 0830 hours IST of today):** at isolated places over Assam & Meghalaya, Kerala and Odisha.
- **Heavy Rainfall** observed at isolated places over Assam & Meghalaya.
- Yesterday, heat wave conditions were observed in isolated pockets over Coastal Andhra Pradesh and Telangana.
- **Maximum temperature departures as on 06-05-2019:** Maximum temperatures were appreciably above normal (3.1°C to 5.0°C) at many places over Sub-Himalayan West Bengal and Bihar; at a few places over Coastal Andhra Pradesh, Telangana, Rayalaseema, Tamilnadu & Puducherry; at isolated places over Coastal & South Interior Karnataka and Kerala; above normal (1.6°C to 3.0°C) at most places over Nagaland, Manipur, Mizoram & Tripura, Uttarakhand, East Uttar Pradesh and West Rajasthan; at many places over Gangetic West Bengal and Chhattisgarh; at a few places over Assam & Meghalaya, Punjab, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu & Kashmir, West Uttar Pradesh, Saurashtra & Kutch and Madhya Maharashtra and at isolated places over Vidarbha.
- Yesterday, the highest **maximum temperature of 45.6°C** was recorded at Bramhapuri (Vidarbha) and Khammam (Telangana).

Weather Forecast for next 5 days upto 0830 hours IST 11th May 2019

- Meteorological sub-division wise detailed 5 days precipitation forecast is given in Table-1.
- Maximum temperatures likely to remain above normal by 2-3°C over parts of eastern India (Bihar, Jharkhand, West Bengal and Odisha), northwest India (Rajasthan and Haryana, Chandigarh & Delhi) and over interior Maharashtra during next 3 days. No significant change in temperatures is likely over Gujarat during next 24 hours and temperatures are likely to fall by 2-3°C thereafter.

Table 1

ANNEX-1

5 Day Rainfall Forecast (MID-DAY)

07-May-2019

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

- **07 May (Day 1): Thunderstorm & lightning accompanied with gusty wind (speed reaching 40-50 kmph)** at isolated places very likely over north Coastal Andhra Pradesh and Tamilnadu & Puducherry; (wind speed reaching 30-40 kmph) at isolated places over Odisha, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Coastal & South Interior Karnataka and Kerala.

Heat wave conditions in some parts very likely over Telangana and Coastal Andhra Pradesh and at isolated pockets over South East Uttar Pradesh, and Vidarbha.

Heavy rainfall at isolated places very likely over South Interior Karnataka and Tamilnadu.

Dust raising winds are very likely in parts of Rajasthan and Haryana & Delhi.

- **08 May (Day 2): Thunderstorm & lightning accompanied with gusty wind (speed reaching 40-50 kmph)** at isolated places very likely over Tamilnadu & Puducherry; (**wind speed reaching 30-40 kmph**) at isolated places very likely over Sub Himalayan West Bengal & Sikkim, Odisha, South Interior Karnataka and Kerala.

Heat Wave in some parts with Severe Heat Wave conditions at isolated pockets are very likely over Vidarbha. **Heat Wave conditions** in some parts are very likely over Coastal Andhra Pradesh and Telangana and in isolated pockets over southeast Uttar Pradesh and Bihar.

Heavy rainfall at isolated places very likely over Tamil Nadu & Puducherry.

Dust raising winds are very likely in parts of Rajasthan and Haryana & Delhi.

- **09 May (Day 3): Thunderstorm/Duststorm & lightning accompanied with gusty wind (speed reaching 30-40 kmph)** at isolated places very likely over Sub-Himalayan West Bengal & Sikkim, Odisha, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

Heat Wave in some parts with **Severe Heat Wave** conditions at isolated pockets are very likely over Vidarbha. **Heat Wave conditions** in isolated pockets are very likely over southeast Uttar Pradesh, Bihar, Coastal Andhra Pradesh and Telangana.

Dust raising winds are very likely in parts of Rajasthan and Haryana & Delhi.

- **10 May (Day 4): Thunderstorm/Duststorm & lightning accompanied with gusty wind (speed reaching 40-50 kmph)** at isolated places likely over Rajasthan; (speed reaching 30-40 kmph) at isolated places likely over Punjab, Haryana, Chandigarh & Delhi and West Uttar Pradesh.

Thunderstorm & lightning accompanied with hail, gusty wind (speed reaching 40-50 kmph) at isolated places likely over Himachal Pradesh and Uttarakhand.

Thunderstorm & lightning accompanied with gusty wind (speed reaching 40-50 kmph) at isolated places likely over West Madhya Pradesh and Vidarbha; (speed reaching 30-40 kmph) at isolated places over Jammu & Kashmir, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra and Marathwada and Thunderstorm & lightning at isolated places over Gujarat state.

Heavy Rainfall is likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.

Heat Wave conditions likely in isolated pockets over Vidarbha, Odisha, Coastal Andhra Pradesh and Telangana.

- **11 May (Day 5): Thunderstorm/Duststorm & lightning accompanied with gusty wind (speed reaching 40-50 kmph)** at isolated places likely over Rajasthan, Punjab, Haryana, Chandigarh & Delhi and West Uttar Pradesh; (speed reaching 30-40 kmph) at isolated places likely over East Uttar Pradesh.

Thundersquall & lightning accompanied with hail (speed reaching 50-60 kmph) at isolated places likely over Uttarakhand.

Thunderstorm & lightning accompanied with hail, gusty wind (speed reaching 40-50 kmph) at isolated places likely over Himachal Pradesh.

Thunderstorm & lightning accompanied with gusty wind (speed reaching 40-50 kmph) at isolated places likely over Jammu & Kashmir, Madhya Pradesh and Vidarbha; (speed reaching

30-40 kmph) at isolated places over Gujarat state, Chhattisgarh, Madhya Maharashtra and Marathwada and Thunderstorm & lightning at isolated places over Gujarat state.

Heat Wave conditions likely in isolated pockets over Odisha.

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Salient Advisories

Heat wave

Warning

07.05.2019	Heat wave conditions in some parts very likely over Telangana and Coastal Andhra Pradesh and at isolated pockets over South East Uttar Pradesh, and Vidarbha.
08.05.2019	Heat Wave in some parts with Severe Heat Wave conditions at isolated pockets are very likely over Vidarbha. Heat Wave conditions in some parts are very likely over Coastal Andhra Pradesh and Telangana and in isolated pockets over southeast Uttar Pradesh and Bihar.
09.05.2019	Heat Wave in some parts with Severe Heat Wave conditions at isolated pockets are very likely over Vidarbha. Heat Wave conditions in isolated pockets are very likely over southeast Uttar Pradesh, Bihar, Coastal Andhra Pradesh and Telangana.
10.05.2019	Heat Wave conditions likely in isolated pockets over Vidarbha, Odisha, Coastal Andhra Pradesh and Telangana.
11.05.2019	Heat Wave conditions likely in isolated pockets over Odisha.

Advisory

In above regions, apply light and frequent irrigation to the standing crops to cope up with the excess evaporative demand due to high temperature; mulching with straw to conserve soil moisture. Provide shade for protection of young fruit plants from scorching sun.

Thunderstorm/Duststorm accompanied with , gusty winds, hail and lightning

07.05.2019	Thunderstorm & lightning accompanied with gusty wind (speed reaching 40-50 kmph) at isolated places very likely over north Coastal Andhra Pradesh and Tamilnadu & Puducherry; (wind speed reaching 30-40 kmph) at isolated places over Odisha, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Coastal & South Interior Karnataka and Kerala. Dust raising winds are very likely in parts of Rajasthan and Haryana & Delhi.
08.05.2019	Thunderstorm & lightning accompanied with gusty wind (speed reaching 40-50 kmph) at isolated places very likely over Tamilnadu & Puducherry; (wind speed reaching 30-40 kmph) at isolated places very likely over Sub Himalayan West Bengal & Sikkim, Odisha, South Interior Karnataka and Kerala, . Dust raising winds are very likely in parts of Rajasthan and Haryana & Delhi.

09.05.2019	Thunderstorm/Duststorm & lightning accompanied with gusty wind (speed reaching 30-40 kmph) at isolated places very likely over Sub-Himalayan West Bengal & Sikkim, Odisha, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura. Dust raising winds are very likely in parts of Rajasthan and Haryana & Delhi.
10.05.2019	Thunderstorm/Duststorm & lightning accompanied with gusty wind (speed reaching 40-50 kmph) at isolated places likely over Rajasthan; (speed reaching 30-40 kmph) at isolated places likely over Punjab, Haryana, Chandigarh & Delhi and West Uttar Pradesh. Thunderstorm & lightning accompanied with hail, gusty wind (speed reaching 40-50 kmph) at isolated places likely over Himachal Pradesh and Uttarakhand. Thunderstorm & lightning accompanied with gusty wind (speed reaching 40-50 kmph) at isolated places likely over West Madhya Pradesh and Vidarbha; (speed reaching 30-40 kmph) at isolated places over Jammu & Kashmir, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra and Marathwada and Thunderstorm & lightning at isolated places over Gujarat state.
11.05.2019	Thunderstorm/Duststorm & lightning accompanied with gusty wind (speed reaching 40-50 kmph) at isolated places likely over Rajasthan, Punjab, Haryana, Chandigarh & Delhi and West Uttar Pradesh; (speed reaching 30-40 kmph) at isolated places likely over East Uttar Pradesh. Thundersquall & lightning accompanied with hail (speed reaching 50-60 kmph) at isolated places likely over Uttarakhand. Thunderstorm & lightning accompanied with hail, gusty wind (speed reaching 40-50 kmph) at isolated places likely over Himachal Pradesh. Thunderstorm & lightning accompanied with gusty wind (speed reaching 40-50 kmph) at isolated places likely over Jammu & Kashmir, Madhya Pradesh and Vidarbha; (speed reaching 30-40 kmph) at isolated places over Gujarat state, Chhattisgarh, Madhya Maharashtra and Marathwada and Thunderstorm & lightning at isolated places over Gujarat state.

Heavy rainfall

Warning

07.05.2019	Heavy rainfall at isolated places very likely over South Interior Karnataka and Tamilnadu.
08.05.2019	Heavy rainfall at isolated places very likely over Tamil Nadu & Puducherry.
10.05.2019	Heavy Rainfall is likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.

Advisory

- In the above regions, provide mechanical support to young fruit plants, banana and staking in vegetables to prevent the crops from lodging due to strong winds. Undertake propping in sugarcane. Postpone application of plant protection measures and fertilizers to the standing crops during Strong / Squally / Gusty winds. Use hail net for orchard crops to protect from mechanical

damage. In above regions, postpone irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Keep harvested produce at safer places

State-wise Advisories

Odisha

- In North Eastern Plateau Zone, drain out excess water from *rabi* rice.
- In North Central Plateau Zone, ensure drainage of excess water from the crop field, Spray 2% salt water on the ripened or harvested paddy to avoid viviparous germination in the fields or in the store houses. Go for picking of pods instead of cutting plants to avoid viviparous germination after rain.

Jammu & Kashmir

- In Intermediate Zone, complete harvesting of wheat, continue sowing of maize and vegetables.
- In Sub Tropical Zone, undertake harvesting of wheat and harvesting and threshing of *rabi* pulses.

Assam

- In Hill zone of Assam, undertake sowing of fodder crops (bajra, sorgum maize, lobia) after current spells of rain.
- In Upper Bramhaputra Valley Zone, undertake planting of fodder crops like Napier, Guinea, Setaria, Para etc. after current spells of rain.
- In Central Bramhaputra Valley Zone of Assam, arrange for proper drainage in standing crop of summer pulses to remove excess water from the field.
- In Barak Valley zone of Assam, undertake nursery sowing of Sali rice.

Punjab and New Delhi

- In Western zone of Punjab, continue sowing of cotton including Bt cotton or desi Cotton
- In Undulating Plain Zone and Sub-Montane Undulating Zone of Punjab continue harvesting of matured wheat and oilseeds.
- In Delhi, continue sowing of fodder crops (guar, maize, bajra), continue field preparation for sowing of pigeon pea and cotton.

Madhya Pradesh

- In Jhabua Hills Zone, in green gram, black gram and groundnut to control sucking pest spray Thiomethaxim @ 0.3 gm/litre of water.
- In Bundelkhand Zone, there is possibility of leaf curl disease in chilli, brinjal and tomato, farmers are advised to monitoring the crop. If found, it is advised to spray of Methyl demeton 25 E.C. @ 2.0 ml. Or Emidachloprid @ 0.5 ml. per litre of water for their control.

- In Malwa Plateau Zone, undertake sowing of crops for green manure like green gram, cluster bean, senai, gwar etc. After harvesting of wheat crop undertake sowing of sorghum and maize for green fodder.

Maharashtra

- In Konkan region continue harvesting of early sown groundnut.
- In Madhya Maharashtra, continue harvesting of groundnut. To reduce evapotranspiration spray 8 % Kaolin in sugarcane fields and orchards.
- In Vidarbha, Undertake harvesting of matured rice and groundnut.

Bihar and Jharkhand

- In North West Alluvial Plain Zone of Bihar, undertake harvesting and threshing of wheat, pigeon pea and rabi maize. Undertake planting of ginger and turmeric and sowing of elephant foot yam. Undertake land preparation for nursery rice.
- In Western Plateau Zone of Jharkhand, continue sowing of improved varieties of summer cowpea, ginger, turmeric and elephant foot yam. Undertake sowing of green manure crops like Sunhamp and Dhanicha.

Karnataka

- In Eastern Dry Zone and Southern Dry Zone undertake land preparation and keep the land ready for pre-monsoon crop sowing.
- In North East Dry Zone undertake harvesting of summer groundnut and rice and in North Transition zone, undertake harvesting of chilli.
- In Southern Transition Zone, in rice to control blast spray Tricyclozole @0.6 gm/litre and to control sheath blight spray Hexaconozol @ 1 ml/litre. Undertake land preparation/ sowing of ginger and turmeric.

West Bengal

- In New Alluvial Zone, continue harvesting of boro rice, undertake sowing of Olitorius jute.