

**Advisory for DD Kisan dated 05.07.19**  
**(Agromet Advisories mentioned in the inputs are prepared by different**  
**Agromet Field Units in the country)**

**Significant Weather Features**

- Southwest monsoon has further advanced into some more parts of Rajasthan, remaining parts of Uttar Pradesh, Himachal Pradesh, Uttarakhand and Jammu & Kashmir and some parts of Punjab, Haryana, Chandigarh and entire Delhi.
- Northern Limit of Monsoon (NLM) passes through Lat. 25°N/Long. 60°E, Lat. 25°N/Long. 65°E, Barmer, Jodhpur, Sikar, Rohtak, Chandigarh, Una and Amritsar.
- Conditions are becoming favourable for further advance of Southwest Monsoon into remaining parts of Haryana, Punjab and some more parts of Rajasthan during next 72 hours.
- The low pressure area over central parts of south Uttar Pradesh and adjoining north Madhya Pradesh now lies over southeast Uttar Pradesh and adjoining northeast Madhya Pradesh. Associated cyclonic circulation extends upto 4.5 km above mean sea level.

**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 most places over Konkan & Goa, Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Sub-Himalayan West Bengal & Sikkim, East Rajasthan, Odisha, Madhya Pradesh, Vidarbha, Coastal & North Interior Karnataka, Kerala & Mahe, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura; at many places over Haryana, Chandigarh & Delhi, Bihar, Madhya Maharashtra, Chhattisgarh, Gujarat region, South Interior Karnataka, Lakshadweep, Andaman & Nicobar Islands and Coastal Andhra Pradesh & Yanam; at a few places over Arunachal Pradesh, Punjab and Tamilnadu, Puducherry & Karaikal and at isolated places over West Rajasthan, Uttar Pradesh, Jharkhand, Gangetic West Bengal, Saurashtra & Kutch, Marathwada, Telangana and Rayalaseema.
- **Heavy to very heavy rainfall** observed at isolated places over West Madhya Pradesh and heavy rainfall at isolated places over Assam & Meghalaya, East Rajasthan, East Madhya Pradesh, Madhya Maharashtra, Coastal Karnataka and Tamilnadu, Puducherry & Karaikal.
- **Thunderstorm observed (from 0830 hours IST of yesterday to 0830 hours IST of today):** at a few places over Jammu & Kashmir and Himachal Pradesh; at isolated places over Rajasthan, Haryana, Chandigarh & Delhi, Uttarakhand, Saurashtra & Kutch, Uttar Pradesh, Odisha, Gujarat region, Punjab, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Gangetic West Bengal.

**Weather Forecast for next 5 days upto 0830 hours IST 10<sup>th</sup> July 2019**

- Meteorological sub-division wise detailed 5 days precipitation forecast is given in Table-1.
- No significant change in maximum temperatures likely over major parts of the country during next 2-3 days.

**Table -1**  
**5 Day Rainfall Forecast (MID-DAY)**  
**5<sup>th</sup> July 2019**

Met-Sub-Division	05-Jul Today	06Jul Sat	07Jul Sun	08Jul Mon	09Jul Tue
1. Andaman & Nicobar Islands	FWS	FWS	FWS	FWS	WS
2. Arunachal Pradesh	FWS	WS	WS	WS	WS
3. Assam & Meghalaya	FWS	WS	WS	WS	WS
4. N. M. M. & T.	WS	WS	WS	WS	WS
5. S.H. West Bengal & Sikkim	FWS	FWS	WS	WS	WS
6. Gangetic West Bengal	FWS	FWS	WS	WS	FWS
7. Odisha	WS	WS	FWS	FWS	FWS
8. Jharkhand	FWS	WS	WS	WS	WS
9. Bihar	FWS	WS	WS	WS	WS
10. East Uttar Pradesh	FWS	WS	WS	WS	WS
11. West Uttar Pradesh	FWS	FWS	FWS	WS	WS
12. Uttarakhand	WS	WS	WS	WS	WS
13. Haryana, Chd & Delhi	FWS	FWS	FWS	WS	WS
14. Punjab	SCT	SCT	FWS	FWS	FWS
15. Himachal Pradesh	FWS	FWS	WS	WS	WS
16. Jammu & Kashmir	FWS	SCT	SCT	FWS	FWS
17. West Rajsthan	ISOL	ISOL	ISOL	ISOL	ISOL
18. East Rajasthan	WS	FWS	SCT	ISOL	ISOL
19. West Madhya Pradesh	WS	FWS	SCT	SCT	FWS
20. East Madhya Pradesh	WS	WS	WS	WS	WS
21. Gujarat Region	FWS	FWS	SCT	SCT	SCT
22. Saurashtra & Kutch	SCT	ISOL	ISOL	ISOL	ISOL
23. Konkan & Goa	WS	WS	WS	WS	WS
24. Madhya Maharashtra	FWS	SCT	SCT	FWS	FWS
25. Marathawada	ISOL	ISOL	ISOL	SCT	SCT
26. Vidharbha	FWS	FWS	SCT	SCT	FWS
27. Chhattisgarh	WS	WS	WS	WS	FWS
28. Coastal A. P. & Yanam	FWS	FWS	SCT	SCT	SCT
29. Telangana	FWS	SCT	SCT	SCT	SCT
30. Rayalaseema	ISOL	ISOL	ISOL	ISOL	ISOL
31. T.N.,Puducherry & Karaikal	ISOL	ISOL	ISOL	ISOL	ISOL
32. Coastal Karnataka	WS	WS	WS	WS	WS
33. North Interior Karnataka	FWS	FWS	FWS	FWS	FWS
34. South Interior Karnataka	FWS	FWS	FWS	FWS	FWS
35. Kerala & Mahe	WS	WS	FWS	SCT	FWS
36. Lakshadweep	FWS	SCT	SCT	FWS	FWS

**% 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**

**Thunderstorm accompanied with lightning and gusty winds**

05 July (Day 1)	<b>Thunderstorm accompanied with gusty winds and lightning</b> very likely at isolated places over Rajasthan and Punjab and with lightning over Bihar and Jharkhand.
06 July (Day 2)	<b>Thunderstorm accompanied with gusty winds and lightning</b> very likely at isolated places over Rajasthan and with lightning over Bihar and Jharkhand.
<b>Advisory for Thunder storm</b>	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

### **Heavy rainfall**

05 July (Day 1)	<b>Heavy rainfall</b> at a few places <b>with very heavy rainfall</b> at isolated places very likely over Uttarakhand; <b>Heavy to very heavy rainfall</b> at isolated places over East Rajasthan, Coastal Karnataka, Odisha, Konkan & Goa, Gujarat region and Madhya Pradesh; and <b>heavy rainfall</b> at isolated places over Tamilnadu, Puducherry & Karaikal, South Interior Karnataka, Coastal Andhra Pradesh & Yanam, Telangana, Madhya Maharashtra, Vidarbha, Chhattisgarh, Himachal Pradesh, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, West Rajasthan, Gangetic West Bengal, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
06 July (Day 2)	<b>Heavy to very heavy rainfall</b> at isolated places over Himachal Pradesh, Uttarakhand, East Uttar Pradesh, Odisha, Coastal Karnataka, Konkan & Goa, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura and <b>heavy rainfall</b> at isolated places over South Interior Karnataka, Gujarat region, Madhya Pradesh, Chhattisgarh, Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh, East Rajasthan, Gangetic West Bengal Bihar, Jharkhand, Odisha and Arunachal Pradesh.
07 July (Day 3)	<b>Heavy to very heavy rainfall with extremely heavy falls</b> at isolated places very likely over Assam & Meghalaya; <b>Heavy rainfall</b> at a few places with <b>very heavy rainfall</b> at isolated places over Uttarakhand and East Uttar Pradesh; <b>Heavy to very heavy rainfall</b> at isolated places over Coastal Karnataka, Konkan & Goa, Himachal Pradesh, West Uttar Pradesh and Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura; <b>heavy rainfall</b> at isolated places over South Interior Karnataka, Punjab, Haryana, Chandigarh & Delhi, East Madhya Pradesh, West Bengal & Sikkim, Bihar and Jharkhand.
08 July (Day 4)	<b>Heavy to very heavy rainfall with extremely heavy falls</b> at isolated places likely over Assam & Meghalaya; <b>Heavy rainfall</b> at a few places with very heavy rainfall at isolated places very likely over East Uttar Pradesh; <b>Heavy to very heavy rainfall</b> at isolated places over Coastal Karnataka, Konkan & Goa, East Madhya Pradesh, Himachal Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, West Uttar Pradesh and Nagaland, Manipur, Mizoram & Tripura and <b>heavy rainfall</b> at isolated places over South Interior Karnataka, Jammu & Kashmir, Punjab, Sub-Himalayan West Bengal & Sikkim, Bihar, Jharkhand and Arunachal Pradesh.

09 July (Day 5)	<b>Heavy rainfall</b> at a few places with <b>very heavy rainfall</b> at isolated places very likely over Konkan & Goa and East Uttar Pradesh; <b>Heavy to very heavy rainfall</b> at isolated places over Coastal Karnataka, East Madhya Pradesh, Haryana, Chandigarh & Delhi, West Uttar Pradesh and Assam & Meghalaya and <b>heavy rainfall</b> at isolated places over South Interior Karnataka, Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura.
<b>Advisory for Heavy rainfall</b>	Postpone, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Provide adequate drainage in standing crop fields.

### Rough to very rough sea conditions

05 July (Day 1) & 06 July (Day 2)	<b>Rough to very rough sea conditions (with wind speed reaching 40-50 kmph)</b> are very likely to prevail over westcentral & adjoining southwest Arabian Sea; Gujarat, Maharashtra coast; Odisha, West Bengal, north & adjoining westcentral Bay of Bengal and Andaman Sea.
07 July (Day 3)	<b>Rough to very rough sea conditions (with wind speed reaching 40-50 kmph)</b> are very likely to prevail over westcentral & adjoining southwest Arabian Sea; Odisha, West Bengal, north & adjoining westcentral Bay of Bengal and Andaman Sea.
08 July (Day 4) & 09 July (Day 5)	<b>Rough to very rough sea conditions (with wind speed reaching 40-50 kmph)</b> are likely to prevail over westcentral & adjoining southwest Arabian Sea.

### State-wise Advisories

#### Assam, Tripura and Nagaland

- In Meghalaya, undertake transplanting of low land Sali rice. Maintain proper drainage in the field of ginger, turmeric and maize fields.
- In Tripura, in areas where nursery sowing of Aman rice is delayed, ~~to avoid further delay,~~ undertake direct sowing of Aman rice.
- In Lower Bramhaputra Valley Zone and Central Bramhaputra Valley Zone of Assam, undertake land preparation for sowing of pigeon pea and sesame.
- In Upper Bramhaputra Valley Zone and Barak valley Zone of Assam, undertake transplanting of Sali rice in the main field.
- In Nagaland, continue nursery raising of RC/WRC rice and undertake main field preparation for transplanting of rice and undertake sowing of groundnut.
- In Manipur undertake land preparation for transplanting of Sali rice and complete nursery sowing upto 1<sup>st</sup> week of July.

#### Jammu & Kashmir

- In Valley region continue transplanting of rice and complete sowing of kharif pulses.
- In Sub Tropical Zone, continue transplanting of rice. Undertake direct sowing of rice. Continue sowing of maize.

- In Intermediate Zone, undertake transplanting of rice. Undertake sowing of maize after sufficient rainfall, and land preparation for sowing of kharif pulses.

### **Uttarakhand**

- In Bhabar and Tarai Zone of Uttarakhand, complete sowing of soybean, undertake nursery sowing of rice.

### **Punjab and Haryana& Delhi**

- In Punjab, continue transplanting of rice, complete sowing of pulses.
- In Haryana, continue transplanting of rice and land preparation for sowing for pulses i.e. green gram, lobia, moth.
- In Delhi, undertake transplanting of rice. Continue sowing of soybean, maize and short duration varieties of pigeon pea.

### **Jharkhand**

- In Jharkhand, undertake sowing of groundnut with intercropping of short duration pigeon pea.

### **Chhattisgarh**

- In North Hill Zone of Chhattisgarh, undertake nursery sowing of rice of medium duration varieties.
- In Chhattisgarh Plain Zone, continue nursery sowing and direct seeding of rice. Undertake field preparation and sowing of soybean, maize, groundnut.

### **Madhya Pradesh**

- In Jabhua Hill and Satpura Plateau Zone, undertake sowing of soybean and maize.
- In Central Narmada Valley Zone, continue nursery sowing of rice( early and medium duration varieties of rice). Undertake land preparation and sowing of soybean and maize.
- In Malwa Plateau Zone, continue field preparation and sowing/planting of pigeon pea, cotton, ginger and turmeric.

### **Gujarat**

- In Middle Gujarat, undertake land preparation for transplanting of rice, tobacco and vegetable crops (tomato, chili, etc) and undertake transplanting where seedlings are ready. Undertake sowing of pearl millet, groundnut crops where sufficient rainfall occurred.
- In South Gujarat undertake land preparation for transplanting of rice seedlings. Continue sowing of pigeon pea, green gram and black gram crops where sufficient rainfall occurred.
- In North Gujarat, undertake sowing of groundnut, pearl millet, sesame, green gram and sorghum crops with sufficient rainfall.
- In Saurashtra& Kutch, continue sowing of groundnut, cotton, sesame, pulses and pearl millet crops in Saurashtra and after receipt of sufficient rainfall in Kutch.

## Rajasthan

- In Arid Western Plain Zone, undertake sowing of cucurbit vegetables and undertake field preparation for sowing of moong, jowar, maize, groundnut, cotton and vegetables.
- In Sub Humid Southern Plain and Aravali Hill Zone, undertake sowing of maize, groundnut and soybean
- In Semi-Arid Eastern Plain Zone, undertake field preparation for sowing of Green gram, Cowpea, Moth, Maize, Sorghum and Pearl millet.
- In Flood Prone Eastern Plain Zone, undertake field preparation for sowing of bajra, seasm and jowar

## Uttar Pradesh

- In East Uttar Pradesh continue nursery sowing of rice. Undertake land preparation for sowing of Turmeric and pigeon pea, maize, arhar and sorghum.
- In Central Uttar Pradesh, undertake transplanting of rice and complete nursery sowing of short duration varieties. Continue sowing of maize and sorghum.

## Odisha, Bihar and West Bengal

## Andhra Pradesh, Karnataka, Madhya Pradesh, Maharashtra, Rajasthan, Uttar Pradesh, West Bengal

- In Gangetic West Bengal, provide adequate drainage to the rice nurseries
- In North Central Plateau Zone, of Odisha, undertake sowing of maize, ragi and arhar.
- In Bihar, complete nursery sowing of medium duration varieties of rice and undertake sowing of kharif maize.
- In South Eastern Ghat zone of Odisha, undertake sowing of maize, ragi and arhar. Undertake field preparation/ sowing/transplanting for non paddy crops like pulse, oilseeds and vegetables in upland condition.
- In Western Undulating Zone of Odisha, undertake sowing of rice nursery in wet bed after rain stops, drain out excess water from the field already sown. Continue land preparation for sowing of cotton, arhar, maize, groundnut after heavy rain.
- In North Eastern Ghat Zone of Odisha undertake sowing of non-paddy crops like groundnut, arhar, sesame and cowpea in rainfed upland.
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## Maharashtra

- In Konkan region, continue transplanting of rice seedlings (20 to 22 days old) and nagli (30 days old) after current spell of heavy rain. Drain out excess water from rice fields.
- In Madhya Maharashtra, Undertake sowing of rice nursery and of kharif crops like pearl millet, maize and soybean with availability of sufficient soil moisture.
- In Marathwada, in areas where good rainfall (75 mm and above) has already occurred and there is good soil moisture condition undertake sowing of kharif crops.
- In West Vidarbha, sowing of kharif crops like pigeon pea, cotton, green gram, black gram and soyaben should be undertaken only after receipt of sufficient rainfall.
- In East Vidarbha, undertake sowing of cotton, pigeon pea and continue nursery bed preparation for rice.

## Tamilnadu and Kerala

- In Cauvery Delta Zone of Tamilnadu, continue transplanting of Kuruvai season rice.
- In Kerala, continue transplanting of Virippu rice and complete sowing of direct sown paddy crop. Continue planting of new seedlings of coconut and banana.
- In Northern Zone of Kerala, undertake planting of coconut seedlings.
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## Andhra Pradesh

- In Southern Zone of Andhra Pradesh, undertake transplanting of rice with recommended package of practices and weed control.
- In North Coastal Andhra Pradesh, undertake sowing of groundnut and land preparation for direct dry rice.
- In Scarce rainfall Zone of Rayalaseema, undertake land preparation for sowing of groundnut and take up sowing only after receiving 50mm rainfall for red soils and 75 mm rainfall for black soils. Also prepare the land for sowing of red gram.
- In Krishna Godavari Zone of Andhra Pradesh, continue nursery preparation for sowing of rice and land preparation for sowing of Pre-Kharif Pulses and rainfed sugarcane

## Telangana

- In Southern Telangana, utilizing the realized rainfall, continue sowing of rainfed crops like soybean, jowar, maize, greengram, cotton etc., only after receiving cumulative rainfall of 50-60 mm in light soils and 60-75 mm in heavy soils. Undertake sowing of redgram as intercrop in Maize and cotton.
- In Northern Telangana, continue nursery sowing of Medium and short duration varieties of rice upto 15th July. Farmers are advised not to take up sowing of cotton and soybean in light soils under rainfed conditions.

## Karnataka

- In South Interior Karnataka, complete sowing of groundnut, maize, red gram, cowpea, green gram, black gram, horse gram, field bean etc, ragi, sesame, sunflower, cotton, castor, minor millets crops and continue transplanting of rice crop where seedlings are ready.
- In Coastal Karnataka, continue transplanting of rice seedlings and sowing of maize, cotton, ginger and turmeric.
- In North Interior Karnataka, continue sowing of groundnut, green gram, black gram, jowar, soybean, pigeon pea, sunflower, Bt. cotton, bajra, maize, sesamum, soybean, and crops where sufficient rain has occurred.