

Advisory for DD Kisan dated 28.06.19
(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 north Arabian Sea, Gujarat & Madhya Pradesh. Northern Limit of Monsoon (NLM) passes through Lat. 22°N/Long. 60°E, Lat. 22°N/Long. 65°E, Dwarka, Ahmedabad, Bhopal, Jabalpur, Pendra, Sultanpur, Lakhimpur Kheri, Mukteshwar and Lat. 31°N/Long. 80°E.
- In association with this, conditions are likely to become favourable for further advance of Southwest Monsoon into remaining parts of central India and some more parts of West & northwest India during 1st-3rd July.
- A Low Pressure Area is very likely to form over north Bay of Bengal & neighbourhood around 30th June, which is likely to become more marked and concentrate into a Depression during the subsequent 48 hours.
- Likely westward movement of the above mentioned low pressure system may cause widespread rainfall with isolated heavy to very heavy & extremely heavy falls over Odisha on 1st July and south Chhattisgarh, Vidarbha and adjoining districts of Telangana on 2nd July.

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

- **Maximum temperature departures as on 27-06-2019:** Maximum temperatures were markedly above normal (5.1°C or more) at many places over Chhattisgarh
- Yesterday, the **highest maximum temperature of 43.8°C** was recorded at **Banda** (East Uttar Pradesh).

Weather Forecast for next 5 days upto 0830 hours IST 3rd 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 3 days.

Table-1
5 Day Rainfall Forecast (MID-DAY)
28-June-2019

Met-Sub-Division	28-Jun Today	29Jun Sat	30Jun Sun	01Jul Mon	02Jul Tue
1. Andaman & Nicobar Islands	WS	WS	FWS	FWS	FWS
2. Arunachal Pradesh	WS	FWS	SCT	FWS	FWS
3. Assam & Meghalaya	WS	FWS	SCT	FWS	FWS
4. N. M. M. & T.	FWS	SCT	FWS	FWS	FWS
5. S.H. West Bengal & Sikkim	WS	FWS	FWS	SCT	SCT
6. Gangetic West Bengal	SCT	FWS	FWS	WS	WS
7. Odisha	FWS	FWS	WS	WS	WS
8. Jharkhand	SCT	SCT	FWS	WS	WS
9. Bihar	SCT	SCT	SCT	SCT	SCT
10. East Uttar Pradesh	ISOL	ISOL	SCT	SCT	SCT
11. West Uttar Pradesh	ISOL	ISOL	ISOL	ISOL	SCT
12. Uttarakhand	ISOL	ISOL	SCT	FWS	FWS
13. Haryana, Chd & Delhi	ISOL	ISOL	ISOL	ISOL	SCT
14. Punjab	ISOL	ISOL	ISOL	ISOL	ISOL
15. Himachal Pradesh	ISOL	ISOL	ISOL	ISOL	ISOL
16. Jammu & Kashmir	ISOL	ISOL	ISOL	ISOL	ISOL
17. West Rajsthan	ISOL	ISOL	ISOL	ISOL	ISOL
18. East Rajasthan	ISOL	ISOL	ISOL	ISOL	ISOL
19. West Madhya Pradesh	SCT	SCT	SCT	SCT	FWS
20. East Madhya Pradesh	SCT	SCT	SCT	FWS	WS
21. Gujarat Region	FWS	FWS	SCT	SCT	SCT
22. Saurashtra & Kutch	FWS	SCT	ISOL	ISOL	ISOL
23. Konkan & Goa	WS	WS	WS	WS	WS
24. Madhya Maharashtra	WS	WS	FWS	FWS	FWS
25. Marathawada	FWS	FWS	SCT	FWS	WS
26. Vidharbha	FWS	FWS	FWS	FWS	WS
27. Chhattisgarh	FWS	FWS	FWS	WS	WS
28. Coastal A. P. & Yanam	SCT	SCT	FWS	WS	FWS
29. Telangana	SCT	SCT	FWS	WS	WS
30. Rayalaseema	ISOL	ISOL	ISOL	SCT	ISOL
31. T.N.,Puducherry & Karaikal	ISOL	ISOL	ISOL	ISOL	ISOL
32. Coastal Karnataka	WS	WS	WS	WS	WS
33. North Interior Karnataka	SCT	SCT	SCT	FWS	FWS
34. South Interior Karnataka	SCT	SCT	SCT	FWS	FWS
35. Kerala & Mahe	SCT	FWS	FWS	WS	WS
36. Lakshadweep	ISOL	ISOL	ISOL	ISOL	SCT

% 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

28 Jun (Day 1)	Thunderstorm accompanied with gusty winds (30-40 kmph) at isolated places very likely over Madhya Pradesh, Uttar Pradesh, Haryana, Chandigarh & Delhi and Rajasthan; accompanied with lightning at isolated places very likely over West Bengal & Sikkim, Bihar, Odisha and Jharkhand.
29 Jun (Day 2)	Thunderstorm accompanied with gusty winds (30-40 kmph) at isolated places very likely over Uttar Pradesh, Rajasthan, Punjab and Haryana, Chandigarh & Delhi; accompanied with lightning at isolated places very likely over Jharkhand and Bihar.
30 Jun (Day 3)	Thunderstorm accompanied with gusty winds (30-40 kmph) at isolated places likely over East Rajasthan, Punjab and Haryana, Chandigarh & Delhi.
01 July (Day 4)	Thunderstorm accompanied with gusty winds (30-40 kmph) at isolated places likely over West Uttar Pradesh and East Rajasthan; accompanied with lightning at isolated places very likely over Uttarakhand.
02 July (Day 5)	Thunderstorm accompanied with gusty winds (30-40 kmph) at isolated places likely over West Uttar Pradesh and East Rajasthan; accompanied with lightning at isolated places very likely over Uttarakhand.
Advisory for Thunder storm	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

28 Jun (Day 1)	Heavy to very heavy rainfall at a few places with extremely heavy rainfall at isolated places very likely over Konkan & Goa; Heavy to very heavy rainfall at isolated places over Madhya Maharashtra, Gujarat State, Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya and heavy rainfall at isolated places over Marathwada, Coastal Karnataka, East Rajasthan, West Madhya Pradesh, Chhattisgarh, Gangetic West Bengal, Odisha, Nagaland, Manipur, Mizoram & Tripura and Andaman & Nicobar Islands.
29 Jun (Day 2)	Heavy rainfall at a few places with very heavy rainfall at isolated places very likely over Konkan & Goa; Heavy to very heavy rainfall at isolated places over Gujarat Region and heavy rainfall at isolated places over Madhya Maharashtra, Marathwada, Coastal Karnataka, East Madhya Pradesh, Chhattisgarh, Odisha and Andaman & Nicobar Islands.
30 Jun (Day 3)	Heavy to very heavy rainfall at isolated places likely over Konkan & Goa, Odisha and Coastal Karnataka and heavy rainfall at isolated places over East Madhya Pradesh, Vidarbha, Chhattisgarh and Coastal Andhra Pradesh & Yanam.

01 July (Day 4)	Heavy to very heavy rainfall at a few places with extremely heavy rainfall at isolated places very likely over Odisha; Heavy to very heavy rainfall at isolated places likely over Konkan & Goa, Chhattisgarh, Coastal Karnataka and Jharkhand and heavy rainfall at isolated places over East Madhya Pradesh, Vidarbha, South Interior Karnataka, Coastal Andhra Pradesh & Yanam, Telangana, Kerala & Mahe and Gangetic West Bengal.
02 July (Day 5)	Heavy to very heavy rainfall at a few places with extremely heavy rainfall at isolated places very likely over Vidarbha and Chhattisgarh; Heavy rainfall at a few places with isolated very heavy rainfall likely over Coastal Karnataka; Heavy to very heavy rainfall at isolated places likely over Konkan & Goa, Telangana, East Madhya Pradesh and Kerala & Mahe and heavy rainfall at isolated places over Uttarakhand, East Rajasthan, Jharkhand, Odisha, Gangetic West Bengal. Marathwada, interior Karnataka and Tamilnadu, Puducherry & Karaikal.
Advisory for Heavy Rainfall	In Konkan & Goa; Madhya Maharashtra, Gujarat State, Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya Marathwada, Coastal Karnataka, Madhya Pradesh, Chhattisgarh, Gangetic West Bengal, Odisha, Nagaland, Manipur, Mizoram & Tripura, postpone, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Provide adequate drainage in standing crop fields in Odisha and Sub-Himalayan West Bengal and Sikkim.

Sea condition

Rough to very rough sea conditions (with wind speed reaching 40-50 Kmph) are likely to prevail over westcentral & adjoining Southwest Arabian Sea, south & adjoining eastcentral Bay of Bengal and Andaman Sea. Fishermen are advised not to venture into these areas during next 5 days.

State-wise Advisories

Assam, Meghalaya, Arunachal Pradesh, Mizoram, Meghalaya and Nagaland,

- In Upper Bramhaputra Valley Zone of Assam, continue main field preparation for Sali rice and sesamum cultivation.
- In Barak Valley zone of Assam continue main field preparation/undertake transplanting of Sali rice.
- In Tripura, continue nursery sowing and main field preparation for transplanting of Aman rice. Continue sowing of groundnut. Complete the sowing of maize in upland and medium upland
- In Hill Zone of Assam, continue sowing of pigeon pea and cotton and in Central Bramhaputra Valley of Assam, continue sowing of arhar and groundnut after current spells of heavy rain.
- In Meghalaya, undertake nursery raising and main field preparation for transplanting of Sali rice.
- In Mizoram, continue sowing of maize, green gram, black gram and planting of ginger and turmeric.
- In Nagaland, continue nursery sowing/transplanting of WRC rice.

Uttarakhand

- In Bhabar and Tarai Zone, complete sowing of soybean, continue field preparation for nursery sowing of rice, undertake sowing of groundnut.
- In Hill Zone, complete sowing of finger millets, soybean and black gram. Continue transplanting of rice

Uttar Pradesh

- In East Uttar Pradesh, undertake sowing of sorghum. Undertake transplanting of rice. Undertake sowing of pigeon pea.
- In West Uttar Pradesh, undertake transplanting of rice. Undertake sowing of maize and sorghum, pigeon pea.

Punjab and Haryana

- In Western Zone and Western Plain Zone of Punjab, continue transplanting of rice.
- In Haryana, undertake transplanting of rice,

Madhya Pradesh

- In Central Narmada Valley Zone of Madhya Pradesh, continue nursery sowing of rice. Undertake land preparation and sowing of soybean and maize.
- In Malwa Plateau Zone of Madhya Pradesh, continue field preparation for sowing of pigeon pea and cotton.
- In Satpura Plateau Zone of Madhya Pradesh, undertake land preparation and sowing of soybean and maize.
- In North Hill Zone of Chhattisgarh, prepare nursery for sowing of long duration rice varieties and undertake land preparation and sowing of vegetables.

Gujarat and Rajasthan

- In Flood Prone Eastern Plain Zone of Rajasthan, continue field preparation for sowing of til, sorghum and bajra.
- In South Gujarat, continue nursery preparation for rice crop. Undertake sowing of pigeon pea, green gram and black gram crops where sufficient rainfall occurred.
- In Saurashtra & Kutch, where sufficient rainfall is received, undertake sowing of groundnut, cotton, sesame, pulses and pearl millet crops; in remaining districts undertake sowing after receipt of sufficient rainfall. Undertake nursery preparation for tomato, chilli, brinjal and early cauliflower and undertake transplanting where seedlings are ready.
- In Middle Gujarat, continue nursery sowing of rice and vegetable crops (tomato, chili, etc). Continue land preparation for pearl millet, groundnut crops and undertake sowing after receipt of sufficient rainfall. Continue sowing of Bt. cotton.

Odisha, Bihar and West Bengal

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- In Odisha, complete sowing of direct seeded rice. Continue nursery sowing of kharif transplanted rice, mainly in the medium land dry bed nursery for early transplanting of seedlings. Undertake sowing of maize, arhar, ragi and groundnut after the current spells of heavy rainfall.
- In Bihar, complete nursery sowing of medium duration varieties of rice. undertake sowing of kharif vegetables such as lady's finger, pumpkin, cucumber, sponge gourd, bottle gourd, etc.
- In South Bihar Alluvial Zone, continue land preparation/sowing of rice, kharif maize.

Maharashtra

- In Konkan region, undertake transplanting of rice. Continue land preparation for sowing of groundnut after current spell of heavy rain. Continue sowing of kharif vegetables like chilli, brinjal, tomato, okra, cucumber, bitter gourd, snake gourd, ridge gourd etc.
- In Madhya Maharashtra, Complete land preparation and sowing of kharif groundnut, green gram and soybean after receipt of sufficient rainfall.
- In Marathwada, undertake sowing of kharif crops with realized rainfall and sufficient soil moisture.
- 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, continue land preparation for sowing of pigeon pea and continue nursery bed preparation for rice.

Tamilnadu and Kerala

- In Cauvery Delta Zone, undertake transplanting of Kuruvai season rice.
- In Kerala, continue transplanting of Virippu rice and continue sowing of direct sown rice.
- In Central Zone of Kerala, undertake transplanting of rice.

Andhra Pradesh

- In Southern Zone of Andhra Pradesh, undertake sowing of groundnut after receipt of sufficient rainfall.
- In North Coastal Andhra Pradesh, undertake nursery sowing of rice and land preparation for rainfed sugarcane.
- In Scarce rainfall Zone of Rayalaseema, undertake land preparation for sowing of groundnut and undertake sowing only after receiving sufficient rainfall. Also prepare the land for sowing of red gram.
- In Krishna Godavari Zone of Andhra Pradesh, undertake nursery preparation for sowing of rice and complete the sowing of green manure crops.

Telangana:

- In Southern Telangana, undertake sowing of rainfed crops like Soybean, Jowar, Maize, Redgram, Green gram, Cotton etc., only after receiving cumulative rainfall of 50-60 mm in light soils and 60-75 mm in heavy soils or the soil should be wet up to top 15-20 cm after onset of South-West monsoon rains.

- In Northern Telangana, undertake land preparation for sowing of rainfed crops like maize, soybean, redgram, green gram and cotton etc and undertake sowing when soil should be wet up to top 15-20 cm.

Karnataka

- In South Interior Karnataka, continue 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 undertake transplanting of rice crop where seedlings are ready.
- In Coastal Karnataka, undertake transplanting of rice where seedlings are ready.
- In North Interior Karnataka, undertake 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.