

Advisory for DD Kisan dated 18.09.18
(Agromet Advisories mentioned in the inputs are prepared by different Agromet Field Units in the country)

Significant Weather Features

- A low pressure area is very likely to develop over central & adjoining north Bay of Bengal during next 24 hours. It is likely to concentrate into a Depression and move west-northwestwards towards north Andhra Pradesh- south Odisha coasts during the subsequent 48 hours.
- Under its influence, adverse Sea conditions are very likely to prevail over south Bay of Bengal and Andaman Sea on 18th and 19th September, over central Bay of Bengal and along and off Andhra Pradesh coast during 18th-20th September & also along and off Odisha-West Bengal Coasts during 19th -21st September. Fishermen are advised not to venture into the above mentioned areas during the dates specified.
- As a consequence of the likely west-northwestward movement of the system across Odisha, Chhattisgarh and Madhya Pradesh, enhanced rainfall activity is very likely over central & adjoining peninsular India and northwest India during 21st -25th September.
- Heavy rainfall occurred at isolated places over Marathwada, Telangana and North Interior Karnataka from 0830 hrs IST of yesterday to 0830 hrs IST of today.
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Realised Rainfall

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

- Rain/thundershowers observed at most places over Andaman & Nicobar Islands; at many places over Odisha, Coastal Andhra Pradesh, Rayalaseema, Telangana & North Interior Karnataka; at a few places over Marathwada, Coastal & South Interior Karnataka and at isolated places over West Rajasthan, Saurashtra & Kutch, Uttarakhand, Nagaland, Konkan & Goa, Madhya Maharashtra, Vidarbha, Tamilnadu, Chhattisgarh and Kerala.

5 Day Rainfall Forecast (Mid-day) 18th September 2018

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

% Station Reporting Rainfall

% Stations	Category	% Stations	Category
75-100	Widespread (WS/Most Places)	25-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		

Weather Warning

- **18 September (Day 1):** Heavy rain at isolated places very likely over Andaman & Nicobar Islands, Tamilnadu & Puducherry and Coastal Andhra Pradesh. Thunderstorm accompanied with lightning very likely at isolated places over Coastal Andhra Pradesh, Rayalaseema, Tamilnadu & Puducherry, Madhya Maharashtra, Konkan & Goa, south Chhattisgarh, Odisha, Nagaland, Manipur, Interior Karnataka and Telangana. Rough to very rough sea conditions are very likely over south & central Bay of Bengal and Andaman Sea. Fishermen are advised not to venture into these areas.
- **19 September (Day 2):** Heavy rain at isolated places very likely over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Coastal Odisha and Andaman & Nicobar Islands. Thunderstorm accompanied with lightning very likely at isolated places over Odisha. Rough to very rough sea conditions are very likely over south, central and north Bay of Bengal, Andaman Sea and along & off Andhra Pradesh-West Bengal-Odisha coasts. Fishermen are advised not to venture into these areas.

- **20 September (Day 3):** Heavy to very heavy rain with extremely heavy falls at isolated places likely over Odisha; heavy to very heavy rain at isolated places likely over Coastal Andhra Pradesh and heavy rain at isolated places very likely over Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, Chhattisgarh and Telangana.
Rough to very rough sea conditions are very likely over central and north Bay of Bengal and along & off Andhra Pradesh-West Bengal-Odisha coasts. Fishermen are advised not to venture into these areas.
- **21 September (Day 4):** Heavy to very heavy rain with extremely heavy falls at isolated places likely over Odisha; heavy to very heavy rain at isolated places likely over Chhattisgarh and heavy rain at isolated places likely over Assam & Meghalaya, Vidarbha, Gangetic West Bengal, East Madhya Pradesh, south Konkan & Goa, Jharkhand and Telangana.
Rough to very rough sea conditions are likely over central and northwest Bay of Bengal and along & off West Bengal-Odisha coasts. Fishermen are advised not to venture into these areas.
- **22 September (Day 5):** Heavy rain at isolated places likely over West Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, East Rajasthan, Madhya Pradesh, south Konkan & Goa and Coastal Karnataka.

Warning for Fishermen

Rough to very rough sea conditions are very likely over south & central Bay of Bengal during next 4 days, over Andaman Sea during next 48 hours, along & off Andhra Pradesh-West Bengal-Odisha coasts on 19th and 20th and along & off West Bengal-Odisha coasts on 21st September . Fishermen are advised not to venture into these areas during the period.

Agromet Advisories for *Kharif* crops from different AMFUs in the country

State-wise Advisories

Assam

- In Lower Bramhaputra Valley Zone of Assam, complete sowing of green and black gram seeds as early as possible. For delayed sowing up to last week of September (new recommended Black gram variety viz. Beki and Kolongmay), undertake sowing of rabi maize. Avoid water stagnation in the sugarcane field.

Punjab & New Delhi

- In Punjab, apply irrigation to cotton, rice and vegetable crops as per requirement.
- In Delhi, undertake sowing of early pea (Pusa Pragati) and undertake field preparation for early mustard.

Jharkhand

- Undertake field preparation to cultivate toria, continue sowing of Niger in fallow uplands (variety: Birsa niger-1, Birsa niger-2, Birsa niger-3, Pooja-1). In rice to control Gundhibug, apply Quinalphos 1.5% dust @ 25 kg ha, apply Quinalphos 1.5% dust @ 25 kg ha or spraying of Quinalphos 25 EC @ 1.5 litre/500 litre of water solution.
- To control Tikka disease in groundnut, apply Endofil M-45 (4g)+ Bavistin 1g in 4 litres of water.
- In Western Plateau Zone, undertake harvesting of Black gram and green gram.

West Bengal

- In Old Alluvial Zone of West Bengal, to control sucking pests and Stem Borer of rice at late tillering stage spray Chlorantanilprole 18.5% @ 0.5-1 ml/liter of water.

Gujarat

- In North west zone of Gujarat, give irrigation to cotton, groundnut, bajra crop if required. For the control of pink bollworm, in cotton spray Deltamethrin or Trizophos @ 1 ml /1 litre of water. In groundnut, to control Aphid, spray Imidacloprid 17.8% @ 5ml or Thiomethoxam 3 gram or Dimethoate @ 1 ml per liter of water. Undertake harvesting of matured Green gram and Bajra.
- In South Sourashtra Zone of Gujarat, to control Thrips and Jassid, in cotton, spray Phosphamidon @ 3ml or 15 ml Dimethoate or 15 ml Methyl-O-demeton mix in 10 liter of water. To control sucking pest in Black gram and green gram spray 10 ml Dimethoate or Methyl-O-Demeton in 10 litre of water.

Maharashtra

- In Konkan, maintain water level of 5-10 cm in rice field, to control leaf folder in rice, spray 25 % Quinalphos @ 18 ml or 40% Triazophos @ 13 ml or 5% Lambda cyhalothrin @ 5 ml per 10 liters of water.
- In Madhya Maharashtra, apply protective irrigation in kharif crops if moisture stress is observed in the crops in Jalgaon and Dhule district. To control Tikka and Rust in groundnut, spray Mancozeb @ 25 g + Carbendenzim @ 10 g per 10 litres of water on a non-rainy day. In rice fields, maintain water level 5 to 10 cm.
- In Marathwada, apply protective irrigation to cotton, pigeon pea, maize and turmeric if moisture stress is observed in the crops. To control Sucking pest and Pink bollworm in cotton, spray Pyriproxyfen 5 % + Fenprothrin 15 % @ 200 ml or Thiamethoxam 12.6 % + Lambda-Cyhalothrin 9.5 % @ 80 ml or Indoxacarb 14.5% + Acetamiprid 7.7 % @ 200 ml per acre on a non-rainy day.
- In West Vidarbha, apply protective irrigation in *kharif* crops like cotton and pigeon pea if moisture stress is observed in the crops, undertake land preparation for sowing of safflower (varities : Bhima, AKS-207, PKV-Pink). In East Vidarbha, to control Stem borer infestation in rice, spray Acephate 75% WP 20 gm or Quinalphos 32 ml in 10 liter of water.

Karnataka

- Eastern Dry Zone, undertake sowing Ragi (varieties GPU-26, 45 & 48). To control stem borer in attack in Maize, Spray Quinolphos-25 EC @ 2ml/liter of water or Chlorophyriphos -20 EC @ 2ml/liter of water.