

Advisory for DD Kisan dated 09.10.18

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

Significant Weather Features

- The Cyclonic Storm, LUBAN over westcentral and adjoining southwest Arabian Sea remained practically stationary and lay centred at 0830 hours IST of today the 9th October 2018, over west central and adjoining southwest Arabian Sea, near Lat. 12.9°N and Long. 60.2°E, about 800 km east-southeast of Salalah (Oman), 680 km east of Socotra Island (Yemen) and 940 km east-southeast of Al-Ghaidah (Yemen). It is very likely to intensify into a Severe Cyclonic Storm during next 12 hours. It is very likely to move west-northwestwards towards Yemen & South Oman Coasts during next 5 days.
- The Deep Depression over westcentral Bay of Bengal remained practically stationary and lay centred at 0830 hours IST of today the 9th October 2018, over west central Bay of Bengal near Lat. 14.7°N and Long. 87.1°E, about 560 km southeast of Gopalpur (Odisha), 510 km southeast of Kalingapatnam (Andhra Pradesh). It is very likely to intensify into a Cyclonic Storm during next 06 hours and into a Severe Cyclonic Storm during the subsequent 24 hours. It is very likely to move west-northwestwards for some more time and then northwestwards and cross Odisha and adjoining north Andhra Pradesh coasts between Gopalpur & Kalingapatnam around morning of 11th October. Thereafter, it is very likely to recurve northeastwards, move towards Gangetic West Bengal across coastal Odisha and weaken gradually.
- In view of the above two intense systems, fishermen are advised not to venture into the specified sectors of Bay of Bengal & Arabian during next 3-5 days.
- The withdrawal line of southwest monsoon continues to pass through Lat. 16°N/Long. 94°E, Lat. 15°N/long. 90°E, ♦ Machilipatnam, Kurnool, Gadag, Vengurla and Lat. 16°N/ Long.60°E.

Realised Rainfall

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

- Rain/thundershowers observed at most places over Jammu & Kashmir, Lakshadweep, Kerala and Tamilnadu & Puducherry; at many places over Coastal Karnataka; at a few places over Arunachal Pradesh and Assam & Meghalaya; at isolated places over Sub-Himalayan West Bengal & Sikkim, Konkan & Goa, Interior Karnataka and Rayalaseema.
- Heavy rainfall occurred at isolated places over Kerala, Coastal Karnataka and Tamilnadu & Puducherry during 080 hrs IST of yesterday to 0830 hrs IST of today.

5 Day Rainfall Forecast (Mid-day) 9th October 2018

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

- 09 October (Day 1):** Heavy rain very likely at isolated places over coastal Odisha, Mizoram & Tripura, north Coastal Andhra Pradesh, Tamilnadu, Coastal Karnataka and Kerala.
 Gail wind speed reaching 80-90 kmph gusting 100 kmph is prevailing over westcentral & adjoining southwest Arabian Sea; Squally winds speed reaching 40-50 kmph gusting to 60 kmph very likely over north Andaman Sea, southeast & adjoining eastcentral Bay of Bengal and Andaman Islands, southeast & eastcentral Arabian Sea. Squally winds speed reaching 45-55 kmph gusting to 65 kmph very likely to commence along and off north Andhra Pradesh; Odisha; West Bengal coasts from tonight. Rough to very rough Sea Conditions are likely to prevail over above mentioned areas. Fishermen are advised not to venture into these areas.
- 10 October (Day 2):** Heavy to very heavy rain at a few places with extremely heavy falls at isolated places very likely over Odisha; heavy to very heavy rain at isolated places over Gangetic West Bengal and heavy rain at isolated places over Mizoram & Tripura and north Coastal Andhra Pradesh.

Gail wind speed reaching 110-120 kmph gusting 135 kmph very likely over westcentral Arabian Sea; Squally winds speed reaching 80-90 kmph gusting to 100 kmph very likely over deep sea areas of central & adjoining north Bay of Bengal; Squally winds speed reaching 80-90 kmph gusting to 100 kmph very likely along & off south Odisha and adjoining coastal areas of north Andhra Pradesh and 55-65 kmph gusting to 75 kmph along & off north Odisha, West Bengal coasts.

Very rough to very high Sea Conditions are likely to prevail over above mentioned areas. Fishermen are advised not to venture into these areas.

- **11 October (Day 3):** Heavy to very heavy rain at a few places with extremely heavy falls at isolated places very likely over Odisha; heavy to very heavy rain at isolated places over Gangetic West Bengal, Assam & Meghalaya, Manipur, Mizoram & Tripura and heavy rain at isolated places over Sub-Himalayan West Bengal & Sikkim, north Coastal Andhra Pradesh and Tamilnadu.

Gail wind speed reaching 110-120 kmph gusting 135 kmph very likely over westcentral Arabian Sea; Squally winds speed reaching 80-90 kmph gusting to 100 kmph very likely over deep sea areas of central & adjoining north Bay of Bengal; Squally winds speed reaching 80-90 kmph gusting to 100 kmph very likely along & off south Odisha and adjoining coastal areas of north Andhra Pradesh and 55-65 kmph gusting to 75 kmph along & off north Odisha, West Bengal coasts. Very rough to very high Sea Conditions are likely to prevail over above mentioned areas. Fishermen are advised not to venture into these areas

- **12 October (Day 4):** Heavy to very heavy rain likely at isolated places over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura and heavy rain likely at isolated places over Gangetic West Bengal and Odisha.

Gail wind speed reaching 110-120 kmph gusting 135 kmph very likely over westcentral Arabian Sea around the system centre.

Very rough to very high Sea Conditions are likely to prevail over above mentioned areas. Fishermen are advised not to venture into these areas.

- **13 October (Day 5):** Heavy to very heavy rain likely at isolated places over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

Gail wind speed reaching 110-120 kmph gusting 135 kmph very likely over westcentral Arabian Sea around the system centre.

Very rough to very high Sea Conditions are likely to prevail over above mentioned areas. Fishermen are advised not to venture into these areas.

Advisory for Fishermen

- Gail wind speed reaching 80-90 kmph gusting 100 kmph is prevailing over westcentral Arabian Sea for next five days & adjoining southwest Arabian Sea during next 24 hours; Squally winds speed reaching 40-50 kmph gusting to 60 kmph very likely over north Andaman Sea, southeast & adjoining eastcentral Bay of Bengal and Andaman Islands, southeast & eastcentral Arabian Sea during next 24 hours. Squally winds speed reaching 45-55 kmph gusting to 65 kmph very likely to commence along and off north Andhra Pradesh; Odisha; West Bengal coasts from night of 9th October.

Squally winds speed reaching 80-90 kmph gusting to 100 kmph very likely over deep sea areas of central & adjoining north Bay of Bengal on 10th and 11th October; Squally winds speed reaching 80-90 kmph gusting to 100 kmph very likely along & off south Odisha and adjoining coastal areas of north Andhra Pradesh and 55-65 kmph gusting to 75 kmph along & off north Odisha, West Bengal coasts on 10th and 11th October..

Very rough to very high Sea Conditions are likely to prevail over above mentioned areas. Fishermen are advised not to venture into these areas.

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

State-wise Advisories

Andhra Pradesh

- In South Telangana Zone, to control Hispa in rice, spray Quinalphos or Profenophos @ 2 ml or Chlorpyrifos @ 2.5 ml per liter of water. To control Stem Borer apply Cartap Hydrochloride 4g @ 8kg per acre. Give one irrigation (where irrigation is available) to maize, redgram and cotton crops to get better yield.

Jammu & Kashmir

- In Sub Tropical Zone, continue harvesting of early maturing varieties of rice and maize during clear weather. Continue sowing of gobi sarson (GSL-1, DGS-1) crop.
- In Intermediate Zone, in view of light rainfall on 10th and 11th of October postpone harvesting of matured crop or undertake harvesting after ensuring rains.

Assam, Meghalaya, Arunachal Pradesh, Nagaland and Tripura

- In Upper Brahmaputra Valley Zone of Assam, continue land preparation for toria (optimum sowing time is from middle of October to middle of November) Select recommended varieties like M-27, TS-36, TS-38, TS-46 etc. for obtaining higher yield.
- In Lower Brahmaputra Valley Zone of Assam complete sowing of Rabi Maize before the first fortnight of October. In Sali rice to control Hispa, spray Chlorpyrifos 20EC @ 1ml/liter of water during clear weather.

Maharashtra

- In Konkan, maintain water level of 5-10 cm in rice field. Continue harvesting of early rice varieties in morning hours and follow immediate threshing of rice; the threshed grains should be dried in sun for 3 to 4 days.

- In Madhya Maharashtra, apply protective irrigation to tur, sorghum and cotton if irrigation facility is available), if irrigation facility not available, spray 2% urea or 2% potassium nitrate in tur. Continue preparatory tillage operations for rabi sorghum, gram and safflower. In rice fields, maintain water level 5 to 10 cm. Continue harvesting of matured soybean and pearl millet. Keep the harvested produce in safer place.
- In Marathwada, apply protective irrigation to groundnut, vegetables and orchards (in Parbhani, Aurangabad, Jalna, Hingoli, Beed, Osmanabad, Latur, Nanded, districts). Continue harvesting of kharif soybean, sorghum and pearl millet. Undertake sowing of sunflower and rabi groundnut as per availability of water.
- In West Vidarbha, apply protective irrigation to vegetables and orchards, continue harvesting of short duration matured soybean. Under sufficient residual soil moisture, continue sowing of rainfed linseed (PKV-NL 260), rainfed chickpea (Jaki 9218,Vijay,ICCV 10) and rainfed rabi maize/sorghum up to first fortnight of October. Continue sowing of safflower, linseed and chickpea. In East Vidarbha, maintain water level 5 to 10 cm in rice fields, undertake harvesting of matured soybean.

Gujarat

- In North Gujarat, undertake harvesting of matured ground nut, Sesame, Pearl millet and Maize. Undertake land preparation for sowing of Fennel (Rabi) and mustard.
- In South Gujarat zone, maintain water level up to 2-3 cm rice field, drain excess water. In rice, to control blast, spray Tricyclazole 6g/10 l or Carbendazim 10g/10 litre and to control Bacterial Leaf blight (BLB) spray Streptocycline sulfate 1 g + Copper oxychloride 10 g / 10 litre water

Bihar

- In South Bihar Alluvial Zone, undertake sowing of toria (var. R.A.U.T.S. 17, Panchali, P.T. 303 or Bhawani) . To control bacterial blight in rice, apply Streptocycline 50 g + Copper oxychloride 2.5 kg/ha dissolved in 1000 litres +of water and spray 12 days intervals and for control of Blast disease spray Bavistin 2 gram/litre of water at an interval of 10 day. Maintain 2-3 cm water in the rice field.

Jharkhand

- In Jharkhand, in rice, to control Gundhi bug, apply Quinalphos 1.5% dust @ 25 kg ha-1 or spray Quinalphos 25 EC @1.5 litre/500 litre of water solution. Undertake harvesting of matured maize crop, undertake land preparation for sowing of toria (varieties - P.T- 203, Panchali)