

Advisory for DD Kisan dated 10.07.18

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

Significant Weather Features

- Ongoing active monsoon conditions are very likely to continue over central India and south Peninsula during next 5-6 days. Rainfall activity is likely to increase over parts of northwest India during next 24 hours. Subdued rainfall activity is likely to continue over East and Northeast India during next 3-4 days.
- A low pressure area is very likely to form over north Bay of Bengal and neighbourhood around 13th July and become more marked subsequently.
- **Sea conditions** are very likely to remain very rough over major parts of the Arabian Sea and Bay of Bengal during next 5 days.
- **Extremely Heavy rain** occurred at isolated places over Konkan from 0830 hours IST of yesterday to 0830 hours IST of today.
- Heat wave prevailed at isolated places over north Rajasthan, south Haryana and northwest Madhya Pradesh.

Realised Rainfall

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

- Rain/thundershowers observed at most places over Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Chhattisgarh, Telangana, Vidarbha, Konkan & Goa, Coastal Karnataka, Kerala, Lakshadweep and Andaman & Nicobar Islands; at many places over Uttrakhand, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Odisha, Madhya Pradesh, Interior Karnataka, Coastal Andhra Pradesh and Tamilnadu & Puducherry ; at a few places over Gujarat, Himachal Pradesh, Assam & Meghalaya, East Rajasthan, Bihar, Jharkhand and Rayalaseema; at isolated places over Jammu & Kashmir, Uttar Pradesh, Haryana, Chandigarh & Delhi and Punjab.
- Amount of rainfall recorded at 0830 hours IST of today (3 cm or more) are: Goregaon-22; Mumbai (SCZ)-18; Mumbai (CLB)-16; Diu-14; Mahabaleshwar-12; Alibag-11; Panagarh-10; Jammu-9; Raipur, Valparai, Kochin and Kottayam-8 each; Veraval, Dahanu, Yeotmal and Honavar-7 each; Pasighat-6; Ambikapur, Burdwan and Palakkad-5 each; Raisen, Indore, Seoni, north Lakhimpur, Gondia, Ramgundam and Khammam-4 each; Shimla, Chitradurga, Panchmarhi, Malanjkhanda, Kolkata (Dum Dum), Adilabad, Kakinada, Karwar, Shirali, Kozhikode, Punalur and Chittorgarh-3 each.

5 Day Rainfall Forecast (Mid-day)

10th July 2018

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

- 10 July (Day 1):** Heavy to very heavy rain at a few places with extremely heavy falls at isolated places very likely over Konkan & Goa; heavy to very heavy rain with extremely heavy rain at isolated places over West Madhya Pradesh, Saurashtra and south Gujarat Region; heavy rain at a few places with very heavy rain at isolated places over Coastal Karnataka and Kerala; heavy to very heavy rain at isolated places over Uttarakhand, South Interior Karnataka and Madhya Maharashtra; heavy rain at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Odisha, Himachal Pradesh, East Rajasthan, East Madhya Pradesh, Chhattisgarh, Vidarbha, Coastal Andhra Pradesh, Telangana and interior Tamil Nadu.
 Heat wave conditions very likely to prevail at isolated places over north Rajasthan, south Haryana and northwest Madhya Pradesh.

- **11 July (Day 2):** Heavy to very heavy rain at a few places with extremely heavy falls at isolated places very likely over Konkan & Goa; heavy to very heavy rain with extremely heavy rain at isolated places over West Madhya Pradesh and south Gujarat Region; heavy rain at a few places with very heavy rain at isolated places over Coastal Karnataka and Kerala; heavy to very heavy rain at isolated places over Saurashtra, Uttarakhand, East Rajasthan, East Madhya Pradesh and South Interior Karnataka; heavy rain at isolated places over Odisha, Uttar Pradesh, Himachal Pradesh, Jammu & Kashmir, Madhya Maharashtra and Vidarbha.
- **12 July (Day 3):** Heavy to very heavy rain with extremely heavy rain at isolated places very likely over West Madhya Pradesh; heavy rain at a few places with very heavy rain at isolated places over Konkan & Goa ; heavy to very heavy rain at isolated places over south Gujarat Region, Coastal Karnataka, Uttarakhand, Himachal Pradesh, West Uttar Pradesh, East Rajasthan and East Madhya Pradesh; heavy rain at isolated places over Assam & Meghalaya, Odisha, Haryana, Chandigarh & Delhi, Punjab, East Uttar Pradesh, Jammu & Kashmir, Saurashtra, Madhya Maharashtra, South Interior Karnataka and Kerala.
- **13 July (Day 4):** Heavy rain at a few places with very heavy rain likely at isolated places over Konkan & Goa ; heavy to very heavy rain at isolated places over Uttarakhand, Himachal Pradesh, Coastal Karnataka, East Rajasthan and West Madhya Pradesh; heavy rain at isolated places over Assam & Meghalaya, Odisha, Jharkhand, Haryana, Chandigarh & Delhi, Punjab, Uttar Pradesh, Jammu & Kashmir, East Madhya Pradesh, Gujarat state, Chhattisgarh, Madhya Maharashtra, South Interior Karnataka and Kerala.
- **14 July (Day 5):** Heavy to very heavy rain at a few places with extremely heavy rain at isolated places likely over Konkan & Goa; heavy to very heavy rain at isolated places over Odisha, Saurashtra & Kutch, Madhya Maharashtra, Chhattisgarh, Coastal Karnataka and West Madhya Pradesh; heavy rain at isolated places over Assam & Meghalaya, Jharkhand, Rajasthan, Himachal Pradesh, Uttarakhand, East Madhya Pradesh, Gujarat region, Coastal Andhra Pradesh, South Interior Karnataka and Kerala.

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

Sate-wise Advisories

Kerala

- In Hill zone, undertake land preparation for transplanting of rice as there is sufficient rain occurred during the last few days, undertake sowing of Maize (varieties : DMH-2, Arjun)

Assam

- In North Bank Plain Zone, in flood free areas, undertake transplanting of sali rice (varieties : Ranjit, Mahsuri *etc.*) in the main field and complete the transplanting within July. Undertake stripping and propping operation in sugarcane crop *i.e.* mechanical support to the crop so that strong wind cannot damage the crop from lodging. In flood affected areas, if there is the total damage of seedlings or crops in the main field, undertake sowing of seeds for replanting with medium to **short**

duration varieties (Monohar Sali, Salpona, Prasadbhog, Gobin bhog *etc*) in nursery bed within 1st week of August.

Meghalaya

- Continue Prepare raised nursery bed of size 10m (length) × 1.25 m (width) × 10 cm (height) with 20-30 cm wide channel between the two seed beds for lowland Sali/kharif rice HYVs like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1- 411 & local varieties like Mendri, Manipuri, etc. after current spells of heavy rain. Continue field preparation for upland kharif rice after current spells of heavy rain. Provide drainage in ginger turmeric and other vegetable crops.

Tripura

- Complete sowing of maize by the second week of July. *Aman* paddy in lowland condition is going to suffer from water logging condition, submersible *Aman* paddy variety may be chosen for such fields.

Odisha

- In Mid Central Table Land Zone, of Odisha undertake nursery sowing of rice (medium duration varieties of 130-135 days), Drain out excess water from the nursery beds if there is heavy rain.

Bihar

- In South Bihar Alluvial zone, undertake nursery sowing of rice (short duration varieties : Sabour deep, Susk samrat, Prabhat, Sita, Abhishek, Shabhagidhan, and Sabour Ardjal).

Jharkhand

- In Western Plateau Zone, undertake sowing of Maize (Medium duration variety like Suwan composite-1, H.Q.P.M.-1, Ganga Safed-5, Vinay, Shaktiman -1)

Maharashtra

- In view of expected heavy to very heavy rain at a few places with extremely heavy falls at isolated places on 10th, 11th, 14th July and heavy rain at a few places with very heavy rain at isolated places on 12th and 13th July over Konkan; heavy/heavy to very heavy rain at isolated places very likely over Madhya Maharashtra during next 5 days, drain out excess water from standing crops, rice and *nagli* nursery, orchards and vegetable fields.
- In Konkan, continue transplanting of 22 to 25 days old rice seedling after current spell of heavy rain. Drain out excess water from rice field wherever necessary, undertake transplanting of *nagli*. Transplanting should be done by dibbling method at a distance of 20 cm X 15 cm, undertake sowing of groundnut crop.
- In Madhya Maharashtra, continue sowing of *kharif* crops such as soybean, black gram, pearl millet, cotton, pigeon pea, maize and groundnut *etc*. Sowing should be done after receipt of sufficient rain in some pockets of Jalgaon district (Muktainagar, taluka), Pune district (Shirur, Daund and Indapur taluka), Solapur district (Jeur, Malshiras, Sangola taluka). Continue main field preparation and also undertake transplanting of 21 to 25 days old seedling.
- Farmers are advised to undertake sowing with availability of protective irrigation in Satara district (Phaltan and Dahiwadi taluka) and Sangli district (Jat and Atpadi talukas).
- In Marathwada, Continue sowing of *kharif* crops like rainfed Bt cotton, pigeonpea, black gram / green gram, groundnut, maize and also undertake seed treatment before sowing of crops.

- Farmers are advised to wait for sowing in the areas where sufficient amount of rainfall was not received (Aurangabad district : Paithan, Beed district : Gevarai, Majlgaon, Jalna district : Jafrabad, Partur, Ghansangavi, Mantha, Nanded district : Biloli, Osmanabad district : Osmanabad, Tuljapur, Paranda, Lohara, Parbhani district : Sonpeth).
- In Vidarbha, continue sowing of kharif crops like cotton, tur, maize and soybean in Akola district (Telhara taluka) and Buldhana district (Nandura, Shegaon, Kamgaon and Samgrampur taluka).

Madhya Pradesh

- In Malwa Plateau Zone, undertake sowing of Soybean and Maize.

Chhattisgarh

- Continue sowing of *kharif* crops like soybean, til, red gram, maize, groundnut. Continue sowing of cucurbits and transplanting of vegetables. Continue nursery sowing of rice and line sowing of rice. Soybean and other pulses crops like *arhar* should be sown with proper drainage.

Jammu & Kashmir

- In subtropical zone, continue transplanting of rice seedlings which have attained 4 to 6 leaves (varieties: China-1039, IET-1410, Ratna, PC-19, SJR-5 & Jaya) after receipt of rain. Make necessary arrangement to drain out excess water from transplanted fields, if happens so. Drain out excess water from the fields wherever crop is there, postpone sowing of Maize and *Kharif* pulses.
- In intermediate zone, complete transplanting of rice seedlings.

Punjab, Haryana & Delhi

- In Punjab, complete transplanting of rice. Spray 80g Ulala (flonicamid 50 WG) or 40 ml Confidor to 200 SL in 100 litres of water per acre to control jassid in cotton crop.
- In Haryana, continue sowing of lobia, moth and pigeon pea. Continue transplanting of 30 days old seedlings of rice. Undertake sowing of guar and bajra.

Uttar Pradesh

- In Eastern Plain Zone, provide adequate drainage from the field.

Rajasthan

- In Arid western plain zone , undertake sowing of Bajra, Mung, Moth and Guar crops (varieties for Bajra are HHB-60, RHB-121, HHB-67, RHB-90 and ICMH-356, for mung SML-668, MUM-2, RMG-62, RMG-268 and K-851, for moth RMO-257, 225, 435, 423 and 40 and for Guar RGC-936, 197, 986, 1002, 1003).
- In Flood prone Eastern plain zone, undertake sowing of Til (varieties: Branching type varieties- RT 46, RT 125, RT 127, Pragati (M T-75), Type 13 and TC 25. Branching less variety- Pratap (C 50)), Sorghum (varieties/hybrids of sorghum viz. CSV 15, CSV 10, CSH 9, CSH 6), Bajra (HHB 67, HHB 60, Raj 171, ICMH 356 and ICTP.) after current spell of rain.