

# **Advisory for DD Kisan dated 26.06.18**

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

## **Significant Weather Features**

- Southwest monsoon further advanced into some more parts of Odisha, remaining parts of West Bengal and most parts of Bihar and Jharkhand. Conditions are favourable for further advance of Southwest Monsoon into some more parts of north Arabian Sea, Gujarat State; remaining parts of Maharashtra; some more parts of Madhya Pradesh, Chhattisgarh; remaining parts of Odisha, Jharkhand and Bihar and some parts of Uttar Pradesh, Uttarakhand and south east Rajasthan during next 48 hours.
- Pre-monsoon thunderstorm activity has commenced over parts of northwest India. Advance of southwest monsoon is likely over most parts of northwest India including Delhi during 28th-30th June.
- In view of the revival of southwest monsoon rough to very rough Sea conditions are likely along the west & east coasts of India, around the Islands as well as over north & central parts of Arabian Sea.
- Extremely heavy rain occurred at isolated places over Gujarat Region; Very heavy rain occurred at a few places over Konkan & Goa and at isolated places over Gangetic West Bengal and Heavy rain occurred at a few places over Coastal Karnataka and Gangetic west Bengal and at isolated places over South Interior Karnataka, Konkan & Goa, Gujarat Region and Odisha from 0830 hours IST of yesterday to 0830 hours IST of today.

## **Realised Rainfall**

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

- Rain/thundershowers observed at most places over Gujarat Region, West Bengal, Konkan & Goa, Madhya Maharashtra, Coast Karnataka, Kerala and Andaman & Nicobar Islands; at many places over West Madhya Pradesh, Jharkhand, Bihar, Odisha, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and North Interior Karnataka; at a few places over Jammu & Kashmir, Himachal Pradesh, Rajasthan, East Uttar Pradesh, Saurashtra & Kutch, Vidarbha, Chhattisgarh, Tamilnadu & Puducherry and Lakshadweep and at isolated places over Punjab, Haryana, Chandigarh & Delhi, East Madhya Pradesh, West Uttar Pradesh, Marathwada, Coastal Andhra Pradesh and South Interior Karnataka.

## **Maximum temperature**

- **Maximum temperature departures as on 25.06.2018:**
- Maximum temperatures were markedly above normal (5.1°C or more) at many places over Uttar Pradesh; at a few places over Bihar and at isolated places Himachal Pradesh; appreciably above normal (3.1°C to 5.0°C) at many places over Haryana, Chandigarh & Delhi, East Madhya Pradesh

and Coastal Andhra Pradesh and at a few places over Punjab, West Madhya Pradesh, Jharkhand, Odisha, Vidarbha and Chhattisgarh; above normal (1.6°C to 3.0°C) at a few places over Jammu & Kashmir, Rajasthan and Tamilnadu & Puducherry.

- The highest maximum temperature of 44.6°C was recorded at Churu (West Rajasthan) over plains of the country.

**Temperature Forecast:**

- Fall by 2-3°C in maximum temperatures very likely over northwest India during 2-3 days. No significant change in maximum temperatures over rest of the country.

**5 Day Rainfall Forecast (Mid-day)  
25<sup>th</sup> June 2018**

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

**% 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**

- **26 June (Day 1):** Heavy to very heavy rain very likely at isolated places over Jharkhand, Gangetic West Bengal, Odisha, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gujarat region, Konkan & Goa & Coastal Karnataka; Heavy rain very likely at isolated places over Rajasthan, West Madhya Pradesh, Chhattisgarh, Bihar, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Madhya Maharashtra, north Coastal Andhra Pradesh and South Interior Karnataka.

Thunderstorm accompanied with squall and hail very likely at isolated places over Uttarakhand.

Thunderstorm accompanied with squall very likely at isolated places over Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh.

Thunderstorm accompanied with gusty winds and lightning very likely at isolated places over Bihar.

- **27 June (Day 2):** Heavy to very heavy rain very likely at isolated places over East Uttar Pradesh, East Rajasthan, Odisha, Konkan & Goa & Coastal Karnataka; Heavy rain very likely at isolated places over Uttarakhand, Madhya Pradesh, Chhattisgarh, Bihar, Jharkhand, West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, north Coastal Andhra Pradesh, South Interior Karnataka and Kerala.

Thunderstorm accompanied with squall and hail very likely at isolated places over Uttarakhand.

Thunderstorm accompanied with squall very likely at isolated places over Himachal Pradesh, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh.

- **28 June (Day 3):** Heavy to very heavy rain very likely at isolated places over Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Sub-Himalayan West Bengal & Sikkim & Coastal Karnataka; Heavy rain very likely at isolated places over Jammu & Kashmir, Himachal Pradesh, Rajasthan, Madhya Pradesh, Chhattisgarh, Odisha, Andaman & Nicobar Islands, Assam & Meghalaya, Konkan & Goa, South Interior Karnataka, Tamilnadu & Puducherry and Kerala.

- **29 June (Day 4):** Heavy to very heavy rain likely at isolated places over Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh, Sub-Himalayan West Bengal & Sikkim & Coastal Karnataka; Heavy rain very likely at isolated places over Jammu & Kashmir, East Uttar Pradesh, Rajasthan, Madhya Pradesh, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Konkan & Goa, South Interior Karnataka, Tamilnadu & Puducherry and Kerala.

- **30 June (Day 5):** Heavy to very heavy and extremely heavy rain at isolated places over Assam & Meghalaya; Heavy rain at few places with very heavy rain at isolated places likely over Uttarakhand & Coastal Karnataka; Heavy to very heavy rain very likely at isolated places over Himachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh & Konkan & Goa; Heavy rain very likely at isolated places over Haryana, Chandigarh & Delhi, West Uttar Pradesh, East Rajasthan, Nagaland, Manipur, Mizoram & Tripura, South Interior Karnataka and Kerala.

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

### Sate-wise Advisories

#### Andhra Pradesh

- Undertake land preparation for sowing of rainfed crops *viz.*, pulses, ragi, groundnut and carry out sowings after receipt of sufficient rain. (varieties like K 6, K 9, Dharani, Kadiri, Chitravani and Amaravathi for groundnut and LRG 41, PRG 176 and LRG 52 varieties for redgram), castor (Kranthi, Haritha, Jwala, PCH 111 and DCH 157).

#### Kerala

- Continue transplanting of *Viruppu* rice and planting of vegetables like bhindi, chilli, brinjal, etc. Fix rain guard for rubber trees during the month. Continue main field planting of cardamom. Undertake planting of seedlings of cucurbits like bitter gourd, snake gourd at 4-5 leaf stage.

#### Karnataka

- In Coastal Karnataka, drain out excess water from crop fields. Undertake sowing of maize (DMH-2, Arjun and other hybrids) and cotton dibbling. For cotton use DHH-11, NCH-145, NHH-44, DHB-105 and Sahana varieties. Continue nursery raising of rice after spells of heavy rain; continue main field preparation for transplanting of rice.
- In North Interior Karnataka, in areas where the soil moisture condition is favourable for sowing, continue sowing of soybean, green gram, black gram, red gram (TS-3R), sunflower, bajra, sesamum, navane, groundnut (bunch type), cotton and maize crops..
- In South Interior Karnataka, in areas where the soil moisture condition is favorable for sowing, under double cropping, continue sowing of cowpea, green gram, black gram, horse gram, field bean, ragi, sesamum, groundnut, onion, maize and under mono cropping, sowing of long duration crops like red gram, castor, cotton, jowar crops and horticulture crops

#### Jharkhand

- In Western Plateau Zone, undertake sowing of *kharif* crops like Rice, Maize ( variety like Suwan composite-1, H.Q.P.M.-1, Ganga Safed-5, Vinay, Shaktiman-1, short duration varieties like Birsa Maize-1, Birsa Vikas), Arhar, Urd, Ground nut, soybean.
- Undertake land preparation for sowing of maize, groundnut, pigeon pea, urdbean and moong. After receiving sufficient rainfall, start land preparation for timely (15 to 30 June) sowing of direct seeded upland rice in South Eastern Plateau Zone.

#### West Bengal

- In Coastal Saline Zone, undertake sowing of Aman rice ( variety for medium duration MTU-7029, MTU1001, Pratiksha etc. and for long duration CR1017, CR1018, Cr1019, Sabita etc.)

## **Maharashtra**

- In Konkan, continue transplanting of rice with 22-25 days old seedling. Continue land preparation and sowing of groundnut (varieties: Konkan Gaurav, Trombay Konkan (Tapora), TAG-26, TAG-24 and TPG-41).
- In Madhya Maharashtra, undertake sowing of kharif crops like cotton, tur, soybean, pearl millet, pigeon pea, maize, groundnut etc. by selecting improved varieties in areas which received sufficient rain. As sufficient rainfall for sowing has not been received in Daund, Indapur, Purandar, Shirur talukas of Pune district and Jeur, Malshirus, Mangalwedha talukas of Solapur District hold sowing of *Kharif* crops
- In Marathwada, undertake sowing of kharif rainfed Bt cotton, pigeonpea, black gram / green gram, groundnut, maize after receipt of 75 mm and above rainfall.
- In Vidarbha, Undertake sowing of kharif crops like cotton, tur, maize and soybean except in some pockets of Buldhana district (Nandura, Shegaon, Motala, Kamgaon) where sufficient rainfall is not received for sowing.

## **Jammu & Kashmir**

- In sub tropical zone, undertake transplanting of rice, Sowing of maize varieties (Vivek-25, Vivek QOM-9 HM-5 and HQPM-1)
- In Valley Temperate zone, undertake sowing of rice, sowing of *Kharif* pulses.

## **Punjab, Haryana & Delhi**

- In Punjab, undertake transplanting of rice. Continue sowing of rainy season vegetables like okra, cucurbits and cowpea. Undertake sowing of maize.
- In Delhi, undertake transplanting of rice crop. Undertake field preparation for sowing of maize.

## **Bihar**

- In South Bihar Alluvial Zone undertake sowing of Kharif Maize, (ng varieties and short duration like-Suwan, Deoki, Shaktiman-1, 2, DHM117, Pusa agath hybrid makka -3).