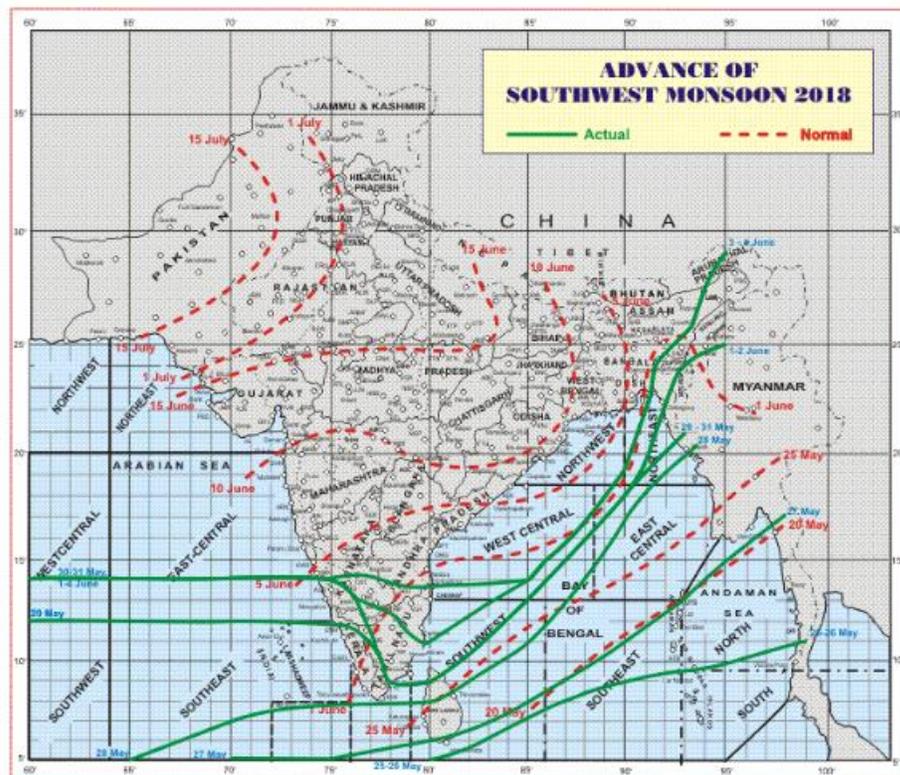


Advisory for DD Kisan dated 05.06.18

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

Advance of Southwest Monsoon

- Conditions are becoming favorable for further advance of Southwest Monsoon into some more parts of Central Arabian Sea, remaining parts of Karnataka and Rayalaseema, some parts of south Konkan & Goa, Telangana, some more parts of Coastal Andhra Pradesh and Central Bay of Bengal during next 48 hours. Conditions are very likely to become favorable for further advance of Southwest Monsoon into some more parts of Maharashtra, Telangana & Coastal Andhra Pradesh in subsequent 48 hours.
- Conditions are also likely to become favorable for further advance of Southwest Monsoon into most parts of Arabian Sea, remaining parts of Maharashtra, some parts of Gujarat, southern parts of Madhya Pradesh & Chhattisgarh, Odisha, West Bengal & Sikkim, remaining parts of Northeastern states and most parts of Bay of Bengal.



Significant Weather Features

- Yesterday, Heat wave conditions were observed at some places over West Rajasthan.

Realised Rainfall

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

- Rain/thundershowers observed at most places over Andaman & Nicobar Islands, Konkan & Goa, Coastal Karnataka, Lakshadweep, Kerala and Nagaland, Manipur, Mizoram & Tripura; at many places over Marathawada ; at a few places over south Interior Karnataka and Gangetic West Bengal and at isolated places over North interior Karnataka, Vidarbha, Madhya Maharashtra, Chhattisgarh, East Madhya Pradesh, Rayalaseema, Coastal Andhra Pradesh, Tamilnadu & Puducherry and Assam & Meghalaya.

Maximum temperature

- **Maximum temperature departures as on 04.06.2018:**

Maximum temperatures were markedly above normal (5.1°C or more) at many places over Jammu & Kashmir; appreciably above normal (3.1°C to 5.0°C) at most places over East Rajasthan; at a few places over West Rajasthan; above normal (1.6°C to 3.0°C) at many places over Haryana, Chandigarh & Delhi , West Madhya Pradesh, Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya; at a few places over Himachal Pradesh and Saurashtra & Kutch and at isolated places over Konkan & Goa, East Madhya Pradesh, Gangetic west Bengal and Tamilnadu & puducherry.

- The highest maximum temperature of **47.6°C** was recorded at **Phalodi** (West Rajasthan) over plains of the country.

Temperature Forecast:

- Day maximum temperatures are very likely to continue in the range of 42-45° C over many parts of Rajasthan and 40-42° C over rest parts of plains of northwest and adjoining central India during next 2 days.

5 Day Rainfall Forecast (Mid-day)

5th June 2018

05-June-2018

Met-Sub-Division	05-Jun Today	06Jun Wed	07Jun Thu	08Jun Fri	09Jun Sat
1. Andaman & Nicobar Islands	WS	WS	WS	WS	WS
2. Arunachal Pradesh	ISOL	ISOL	SCT	SCT	SCT
3. Assam & Meghalaya	SCT	SCT	FWS	FWS	FWS
4. N. M. M. & T.	FWS	FWS	FWS	FWS	FWS
5. S.H. West Bengal & Sikkim	FWS	FWS	FWS	FWS	FWS
6. Gangetic West Bengal	SCT	SCT	SCT	SCT	FWS
7. Odisha	SCT	SCT	SCT	FWS	FWS
8. Jharkhand	SCT	ISOL	SCT	SCT	FWS
9. Bihar	SCT	ISOL	ISOL	SCT	SCT
10. East Uttar Pradesh	ISOL	SCT	SCT	FWS	FWS
11. West Uttar Pradesh	ISOL	ISOL	SCT	SCT	SCT
12. Uttarakhand	SCT	FWS	WS	WS	WS
13. Haryana, Chd & Delhi	ISOL	DRY	DRY	ISOL	SCT
14. Punjab	ISOL	DRY	DRY	ISOL	SCT
15. Himachal Pradesh	SCT	SCT	SCT	SCT	FWS
16. Jammu & Kashmir	ISOL	ISOL	ISOL	ISOL	ISOL
17. West Rajasthan	DRY	DRY	DRY	DRY	DRY
18. East Rajasthan	DRY	ISOL	ISOL	ISOL	ISOL
19. West Madhya Pradesh	ISOL	ISOL	ISOL	SCT	SCT
20. East Madhya Pradesh	ISOL	ISOL	SCT	SCT	SCT
21. Gujarat Region	ISOL	ISOL	ISOL	ISOL	ISOL
22. Saurashtra & Kutch	ISOL	ISOL	ISOL	ISOL	ISOL
23. Konkan & Goa	FWS	WS	WS	WS	WS
24. Madhya Maharashtra	SCT	FWS	WS	WS	FWS
25. Marathwada	FWS	WS	WS	FWS	FWS
26. Vidharbha	ISOL	SCT	SCT	FWS	FWS
27. Chhattisgarh	SCT	SCT	FWS	FWS	WS
28. Coastal Andhra Pradesh	SCT	FWS	SCT	SCT	SCT
29. Telangana	SCT	FWS	FWS	SCT	SCT
30. Rayalaseema	SCT	FWS	FWS	SCT	SCT
31. Tamilnadu & Puducherry	ISOL	ISOL	ISOL	ISOL	ISOL
32. Coastal Karnataka	WS	WS	WS	WS	WS
33. North Interior Karnataka	SCT	FWS	FWS	WS	WS
34. South Interior Karnataka	FWS	FWS	FWS	WS	WS
35. Kerala	WS	WS	WS	WS	WS
36. Lakshadweep	WS	WS	WS	WS	FWS

% Station Reporting Rainfall

% Stations	Category	% Stations	Category
76-100	Widespread (WS) Many Places	26-50	Scattered (SCT) A Few Places
51-75	Fairly Widespread (FWS) Many Places	1-25	Isolated (ISOL)
No Rain	Dry		

Weather Warning

- **05 June (Day 1):** Heavy rain very likely at isolated places over Coastal Karnataka, south Konkan & Goa, Marathawada, Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura and Kerala.

Thunderstorm accompanied with gusty winds and lightning very likely at isolated places over Himachal Pradesh, Uttarakhand, Madhya Pradesh, Vidarbha, Chhattisgarh, Gangetic west Bengal, Odisha, Jharkhand, Bihar, Madhya Maharashtra, Marathawada, Konkan & Goa, Coastal Andhra Pradesh, Telangana, Tamilnadu and Interior Karnataka.

Heat wave conditions are very likely to occur at one or two pockets over West Rajasthan.

- **06 June (Day 2):** Heavy to very heavy rain very likely at isolated places over Telangana, Coastal Karnataka and Konkan & Goa and heavy at isolated places over Andaman & Nicobar Islands, Madhya Maharashtra, Marathwada, Odisha, Kerala, Assam & Meghalaya, North Interior Karnataka and Coastal Andhra Pradesh.

Thunderstorm accompanied with gusty winds and lightning very likely at isolated places over Himachal Pradesh, Uttarakhand, East Uttar Pradesh, Vidarbha, Madhya Pradesh, Chhattisgarh,

Madhya Maharashtra, Marathawada, Odisha, Jharkhand, Bihar, coastal Andhra Pradesh, Telangana, South & North Interior Karnataka and Tamilnadu.

Heat wave conditions are very likely to occur at one or two pockets over West Rajasthan.

- **07 June (Day 3):** Heavy to very heavy rain very likely at isolated places over Madhya Maharashtra, Coastal Karnataka and Konkan & Goa and heavy at isolated places over Chhattisgarh, Sub-Himalayan West Bengal & Sikkim, Marathawada, Kerala, Assam & Meghalaya, North & South Interior Karnataka and Telangana.

Thunderstorm accompanied with gusty winds and lightning very likely at isolated places over Himachal Pradesh, Odisha, Jharkhand and East Rajasthan.

Thunderstorm accompanied with squall and lightning very likely at isolated places over Uttarakhand and Uttar Pradesh.

Duststorm likely at isolated places over West Rajasthan.

Heat wave conditions are very likely to occur at one or two pockets over West Rajasthan.

- **08 June (Day 4):** Heavy to very heavy rain at a few places with extremely heavy at isolated places likely over Coastal Karnataka and south Konkan & Goa and heavy rain at a few places with very heavy rain at isolated places likely over Kerala and heavy to very heavy rain at isolated places over Madhya Maharashtra and heavy rain at isolated places over Odisha, Sub-Himalayan West Bengal & Sikkim, Marathwada, Vidarbha, Chhattisgarh, Interior Karnataka and Lakshadweep.

Thunderstorm accompanied with gusty winds and lightning very likely at isolated places over Punjab, Haryana, Chandigarh & Delhi, East Rajasthan and Gangetic West Bengal.

Thunderstorm accompanied with squall and hail likely at isolated places over Himachal Pradesh.

Thunderstorm accompanied with squall and lightning likely over Uttar Pradesh.

Duststorm at isolated places likely over West Rajasthan.

- **09 June (Day 5):** Heavy to very heavy rain at a few places with extremely heavy at isolated places likely over Konkan & Goa and south Madhya Maharashtra; heavy rain at a few places with very heavy rain at isolated places likely over Coastal Karnataka; heavy to very heavy rain at isolated places Kerala and heavy rain at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Odisha, Vidarbha and Chhattisgarh.

Thunderstorm accompanied with gusty winds and lightning very likely at isolated places over Punjab, Haryana, Chandigarh & Delhi and East Rajasthan.

Thunderstorm accompanied with squall and hail likely at isolated places over Himachal Pradesh.

Duststorm at isolated places likely over West Rajasthan

Salient Advisories

- Utilizing the pre monsoon showers, continue nursery bed preparation for kharif rice in Konkan and Western Ghat region of Maharashtra. In Telangana, taking advantage of the pre-monsoon rains, continue land preparation for sowing of kharif crops. Procure and keep the seed, fertilizers and pesticides ready for timely sowing of rain-fed crops. Take up sowing of rainfed crops like soybean, jowar, maize, redgram, green gram, cotton etc., 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 15-20 cm depth after onset of South-West monsoon rains. Undertake nursery preparation for rice in Coastal

Karnataka and land preparation and sowing of cow pea, groundnut, green gram and black gram in South Interior Karnataka.

Thunderstorm accompanied with Squally winds/ Gusty winds/Hail

- Thunderstorm accompanied with squall and hail likely at isolated places over Himachal Pradesh on 8th and 9th.
- Thunderstorm accompanied with gusty winds and lightning very likely at isolated places over Gangetic west Bengal on 5th and 8th, over Konkan & Goa during next 24 hours, over Himachal Pradesh, Odisha, Jharkhand during next 3 days, over Uttarakhand, Madhya Pradesh, Vidarbha, Chhattisgarh, Bihar, Madhya Maharashtra, Marathawada, Coastal Andhra Pradesh, Telangana, Tamilnadu and Interior Karnataka during next 2 days, over East Uttar Pradesh, 6th East Rajasthan. 7th, 8th and 9th, over Punjab, Haryana, Chandigarh & Delhi on 8th and 9th.
- Thunderstorm accompanied with squall and lightning very likely at isolated places over Uttar Pradesh. 7th and 8th over Uttarakhand on 7th.
- Duststorm likely at isolated places over West Rajasthan on 7th, 8th and 9th June.

Advisory:

- In view of expected thunderstorm accompanied with squall / gusty winds with lightning in above regions, provide support to young fruit plants and vegetables and propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep harvested produce at safe places.
- Farmers are advised not to work in the field and keep cattle in shed during thunderstorm and lightning period.

Heat Wave warning and Advisory

Warning:

- **Heat wave conditions** are very likely to occur at one or two pockets over West Rajasthan during next 3 days.

Advisory:

- In view of expected heat wave conditions in West Rajasthan, grazing/feeding of cattle/goats may be done during morning/ evening hours. Keep animals under shade/shed during noon hours and provide plenty of water mixed with minerals for drinking.

Heavy Rainfall warning and Advisory

Warning:

- Heavy rain very likely at isolated places over Coastal Karnataka, Konkan & Goa during next 24 hours, isolated heavy to very heavy on 6th and 7th and heavy to very heavy at few places with extremely heavy at isolated places on 8th and 9th.
- Heavy rainfall at isolated places over Madhya Maharashtra on 6th June, isolated heavy to very heavy on 7th and 8th isolated heavy with extremely heavy on 9th June .
- Heavy rainfall very likely at isolated places over Marathawada during next 4 days, over Vidarbha on 8th and 9th, over Chhattisgarh on 7th to 9th over North Interior Karnataka on 6th to 8th, over

South Interior Karnataka and Sub Himalayan west Bengal and Sikkim on 7th and 8th, over Coastal Andhra Pradesh on 7th, over Assam & Meghalaya on 6th and 7th and over Odisha on 6th, 8th and 9th.

- Heavy rainfall very likely at isolated places over Kerala during next 48 hours and isolated heavy to very heavy on 9th June.
- Heavy to very Heavy rainfall is very likely at isolated places over Telangana on 6th, and isolated very heavy on 7th June.

Advisory:

- In view of expected isolated heavy /very heavy with extremely heavy rain over Konkan and Goa, Coastal Karnataka, Madhya Maharashtra avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Provide adequate drainage in rice nursery /vegetable fields. Avoid sowing of rice in nursery.
- Provide adequate drainage in ginger, turmeric, pulses and vegetable fields in Nagaland, Manipur, Mizoram & Tripura.

Agromet Advisories for summer crops from different AMFUs in the country

State-wise Advisories

Jammu and Kashmir

- In Intermediate Zone, undertake land preparation for maize and undertake sowing of rice nursery in the fields under intermediate areas (varieties are China-1039, K-39, K – 343) and Giza-14.

Kerala

- Continue preparation of nurseries for Viruppu rice and planting of vegetables, coconut seedlings and 3-4 months old banana suckers (varieties like Robusta, Poovan, Njalipoovan, Palayankodan, etc). Undertake field preparation for transplanting of rice.
- Proper drainage should be ensured in banana.

Telangana

- Taking advantage of the pre-monsoon rains, continue land preparation for sowing of *kharif* crops. Procure and keep the seed, fertilizers and pesticides ready for timely sowing of rain-fed crops. Take up 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 15-20 cm depth after onset of South-West monsoon rains. Sow Green gram as catch crop preceding rice depending on the availability of water.

Karnataka

- In Southern Dry Zone, undertake land preparation and strengthen the bund with fodder grass which will facilitate conservation of rainwater due to pre-monsoon showers. Ploughing across the slope will make in situ soil moisture conservation. Congenial moisture in the soil, farmers are

advised to take up sowing of green manure crops and pulses like cowpea, green gram, black gram, horse gram, field bean.

Assam

- In North Bank Plain Zone, undertake nursery bed preparation for Sali rice. For sowing select suitable long duration high yielding varieties like Ranjit, Bahadur, Peoli, Moniram, Pankaj, Kushal etc. for growing in lowland paddy areas. In medium lowland area, select medium duration rice varieties like Satyaranjan and Basundhara. Undertake land preparation and sowing of kharif maize. Select normal hybrids varieties like Ganga 11, Deccan 107, Deccan 109, Vivek 9 and quality protein hybrid like HQPM-1 and normal Composite variety like NLD, Parbhat, Novjot, Pusa Comp 1 & 2 and Quality Protein composite like Shakti-1 for sowing. As there is sufficient soil moisture in the field, seedlings of papaya may be planted.
- In Lower Bramhaputra Valley Zone, undertake nursery bed preparation for Sali rice and select suitable high yielding varieties like Ranjit, Bahadur, Peoli, Moniram, Pankaj, Kushal etc. for growing in lowland rice area, in medium lowland area select medium duration rice varieties like Satya and Basundhara.

Odisha

- In Western Undulating Zone, undertake land preparation for non-paddy crops (cotton, Arhar, maize) in upland and take up early sowing as soon as monsoon rain occurs.
- Undertake line sowing of rice followed by early weeding and weeding. Select short duration varieties like Sahabhagi, Khandagiri, Udaigiri, Kalinga-3, Jyotirmayee, Mandakini etc. for bonded upland and medium duration rice varieties like MTU-1010, Lalat, Konarka, RGL-2538, Chandan, Surendra, Naveen, MTU-1001, Manaswini, Surendra, Tapaswini, etc. in medium land and medium late duration varieties like Tejaswini, Hiranmayee, Satyakrishna, Pratikshya, Ranidhan, Mrunalini, Pooja, MTU-7029, RGL-2537, Ranjeet etc. in low land.

Jharkhand

- Undertake field preparation for sowing of *kharif* crop like rice, maize, pigeonpea, urd, groundnut etc. Farmers having assured irrigation facility, may proceed for raising rice seedlings. Seedlings must be raised phase wise (3 - 4 phase) at the interval of 5 days, so that suitable seedlings may be available at the time of transplanting.

Maharashtra

- As thunderstorm accompanied with gusty winds and lightning very likely at isolated places Konkan & Goa during next 24 hours and Madhya Maharashtra, Vidarbha and Marathwada during next 48 hours, provide support to banana, young fruit plants and vegetables to avoid lodging. Undertake propping in sugarcane.
- As rain/thundershowers would occur at many /most places over Konkan & Goa, Madhya Maharashtra and Marathwada during next 4-5 days along with heavy /heavy to very heavy rain at isolated / at a few places very likely over Konkan & Goa, Madhya Maharashtra and Marathwada, avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Provide adequate drainage in standing crop fields to avoid water stagnation in Konkan and Madhya Maharashtra.
- In Konkan, continue nursery sowing of *kharif* rice.
- In Madhya Maharashtra, undertake nursery bed preparation for *kharif* rice in western ghat regions. Use rice straw ash @ 1 kg per square meters in nursery bed.

- In Marathwada, utilising pre-monsoon showers, undertake land preparation for *kharif* season. Select variety for sowing of soybean (varieties : MAUS-71(Samrudhi), MAUS-81 (Shakti), MAUS-158, MAUS-162) sorghum (Hybrid varieties like CHS-14, CSH-16, CSH-25 (Parbhani Sainath) and improved varieties like PVK-400, CSV-17, PVK-801, PVK-809), bajra (Hybrid varieties like GHB-558, Saburi, Shardha, Shanti, AHB-1666, PKV-Raj), Improved varieties (ICTP, AIMP-92901 (Samrudhi), PPC-6 (Parbhani Sampada), ABPC-4-3 and local varieties (Ambika, Terna, Prabhavati (Parbhani-1), Sugandha, Parag, Parbhani Avishkar), turmeric and adsali sugarcane. Undertake sowing of kharif vegetables like brinjal, chilli and tomato in raised nursery beds. For planting of oat fodder crop select varieties like JHO-822, RO-19, VPO-94.
- In Vidarbha, continue ploughing fields to expose soil to solar radiation. Prepare raised nursery bed for *kharif* rice.

Punjab

- In Punjab, continue nursery sowing of rice (varieties i.e. PR 126, PR 124, PR 123, PR 122, PR 121, PR 116, PR 114, PR 115, PR 113). Undertake sowing of rainy season vegetables like okra, cucurbits and cowpea. Apply irrigation in sugarcane, maize, moong, mash, vegetables and orchards.

Rajasthan

- In Flood Prone Eastern Plain Zone, undertake pruning operation in ber. There may be incidence leaf curl & mosaic disease in Chilli, uproot & burn affected plants & spray Dimethoate 30 EC @ 1.0 ml per litre water. Prevailing high temperature may cause damage to horticultural crop, apply frequent and light irrigations.
- In Sub Humid Southern Plain and Aravali Hill Zone, keeping in view of heat wave conditions, apply frequent irrigation in vegetables, nurseries of vegetables, fodder crops and orchards.
- Undertake sowing of kharif okra with irrigation (Improved varieties: Arka abhay, Parbhani kranti, Pusa makhamali, Pusa savani, Arka anamika). Undertake land preparation for sowing of pigeonpea (Varieties- ICPL-151, ICPL-87, Gawaliar-3 and UPAS 120).