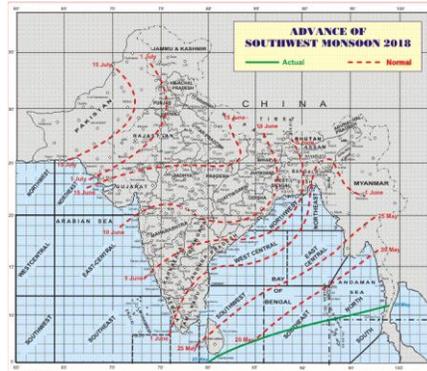


Advisory for DD Kisan dated 25.05.18

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

Advance of Southwest Monsoon

- Today Southwest Monsoon has advanced into South Andaman Sea, some parts of South Bay of Bengal and Nicobar Islands.
- Conditions are favorable for further advance of Southwest Monsoon into some parts of South Arabian Sea, Comorin-Maldives areas; some more parts of South Bay of Bengal, Andaman Sea and Andaman & Nicobar Islands during next 48 hours. Conditions are very likely to become favorable for further advance of Southwest Monsoon into some more parts of South Arabian Sea, Lakshadweep, Comorin area, South Kerala, South Tamilnadu, some more parts of south Bay of Bengal, remaining parts of Andaman Sea and some parts of east-central Bay of Bengal during subsequent 48 hours.



Significant Weather Features

- Yesterday, Heat wave conditions were observed at some parts over Madhya Pradesh, Rajasthan, Haryana and Himachal Pradesh.
- Heat wave conditions are very likely to persist over parts of Northwest India and Central India during next 3-4 days.
- Extremely heavy rainfall observed at isolated places over Assam & Meghalaya.

Realised Rainfall

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

- Rain/thundershowers observed at most places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Coastal Karnataka and Kerala; at many places over Sub Himalayan West Bengal & Sikkim, Interior Karnataka, Tamil Nadu & Puducherry, Lakshadweep and Andaman & Nicobar Islands; at a few places over East Uttar Pradesh and at isolated places over Uttarakhand, Madhya Pradesh, Gangetic West Bengal, Odisha, Madhya Maharashtra, Telangana and Jharkhand.

Maximum temperature

- **Maximum temperature departures as on 24.05.2018:**
- Maximum temperatures were appreciably above normal (3.1°C to 5.0°C) at many places over Himachal Pradesh and West Madhya Pradesh; at a few places over Jammu & Kashmir, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi and East Madhya Pradesh; above normal (1.6°C to 3.0°C) at most places over Rajasthan and Vidarbha; at many places over Gujarat and at a few places over Konkan & Goa, Marathwada and Andaman & Nicobar Islands.
- The **highest maximum temperature of 47.5°C** was recorded at **Khajuraho** (Madhya Pradesh).

Temperature Forecast:

- Day maximum temperatures very likely to continue in the range of 42-45° C over most parts of central and northwest India, in the range of 41-43° C over most parts of northern parts of peninsular India and West India. No significant change in maximum temperatures over rest of the country during next 3-4 days.

5 Day Rainfall Forecast (Mid-day)

25th May 2018

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

- **25 May (Day 1): Heat wave** conditions are very likely to occur at many parts of West Rajasthan, some parts of Haryana, Chandigarh & Delhi, West Uttar Pradesh & Madhya Pradesh and at one or two pockets over Himachal Pradesh, Uttarakhand, Punjab, East Uttar Pradesh, East Rajasthan and Vidarbha.

Heavy to very heavy rain with extremely heavy rain very likely at isolated places over Assam & Meghalaya; heavy to very heavy rain very likely at isolated places over Lakshadweep and heavy rain at isolated places very likely over Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Tamilnadu & Puducherry, Coastal & South Interior Karnataka, Kerala and Andaman & Nicobar Islands.

Thunderstorm accompanied with gusty winds very likely at isolated places over Lakshadweep, Kerala, interior Tamilnadu, Karnataka, Telangana, Rayalaseema, north Coastal Andhra Pradesh, Gangetic West Bengal, Odisha, Jharkhand, East Madhya Pradesh and Chhattisgarh.

- **26 May (Day 2): Heat wave** conditions are very likely to occur at many parts of West Rajasthan, some parts of East Rajasthan, Haryana, Chandigarh & Delhi, West Uttar Pradesh & Madhya Pradesh and at one or two pockets over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, East Uttar Pradesh and Vidarbha.

Heavy to very heavy rain with extremely heavy rain very likely at isolated places over Assam & Meghalaya; heavy to very heavy rain very likely at isolated places over Lakshadweep & Kerala and heavy rain at isolated places very likely over Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Coastal & South Interior Karnataka and Andaman & Nicobar Islands.

Thunderstorm accompanied with gusty winds very likely at isolated places over Kerala, interior Tamilnadu and Coastal & South Interior Karnataka.

- **27 May (Day 3): Heat wave** conditions are very likely to occur at many parts of Rajasthan, some parts of Haryana, Chandigarh & Delhi, West Madhya Pradesh and at one or two pockets over West Uttar Pradesh, East Madhya Pradesh and Vidarbha.

Heavy rain at a few places with **very heavy** rain at isolated places very likely over Kerala; **heavy to very heavy rain** very likely at isolated places over Lakshadweep, Andaman & Nicobar Islands and Sub-Himalayan West Bengal & Sikkim and heavy rain at isolated places very likely over Assam & Meghalaya, , Arunachal Pradesh and Coastal & South Interior Karnataka.

- **28 May (Day 4): Heat wave** conditions are likely to occur at many parts of Rajasthan, some parts of West Madhya Pradesh and at one or two pockets over Haryana, Chandigarh & Delhi, East Madhya Pradesh and Vidarbha.

Heavy to very heavy rain at a few places with extremely heavy rain at isolated places very likely over Kerala & Coastal Karnataka; heavy to very heavy rain very likely at isolated places over Lakshadweep and heavy rain at isolated places very likely over Assam & Meghalaya and South Interior Karnataka.

Thunderstorm accompanied with **gusty** winds likely at isolated places over Uttarakhand.

Thunderstorm/Duststorm likely at isolated places over Uttar Pradesh.

- **29 May (Day 5): Heat wave** conditions are likely to occur at some parts of West Madhya Pradesh and at one or two pockets over Rajasthan.

Heavy rain at a few places with very heavy rain at isolated places likely over Kerala; heavy to very heavy rain likely at isolated places over Lakshadweep and Coastal Karnataka and heavy rain at isolated places likely over Assam & Meghalaya, Mizoram & Tripura and South Interior Karnataka.

Thunderstorm accompanied with **gusty winds** likely at isolated places over Uttarakhand.

Duststorm likely at isolated places over Rajasthan.

Salient Advisories

- Utilizing the pre monsoon showers, continue nursery bed preparation for *kharif* rice and ragi in **South Konkan** and nursery preparation for rice in **Kerala**. Continue land preparation nursery sowing for *Sali* rice in **Assam** after current spells of heavy rain.
- As thunderstorm accompanied with gusty winds very likely at isolated places over **Uttarakhand** on 28th and 29th, over **Gangetic West Bengal, Odisha, Jharkhand, East Madhya Pradesh** and **Chhattisgarh** on 25th, over **Kerala, interior Tamilnadu** on 25th and 26th, over **Karnataka, Telangana, Rayalaseema** and north **Coastal Andhra Pradesh** on 25th and over **Coastal & South Interior Karnataka** on 26th May; thunderstorm/duststorm very likely at isolated places over **Uttar Pradesh** on 28th, duststorm very likely at isolated places over **Rajasthan** on 29th May, 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.

Heat Wave warning and Advisory

Warning:

- **Heat wave conditions** are very likely to occur at many/some parts of Rajasthan during next 4 days and over one or two pockets on 29th, over some parts of Haryana, Chandigarh & Delhi during next 3 days and over one or two pockets on 28th, over some parts of West Uttar Pradesh during next 3 days, over west Madhya Pradesh during next 5 days, at one or two pockets over Vidarbha for next 4 days, over Himachal Pradesh, Uttarakhand, Punjab, East Uttar Pradesh, East Rajasthan during next 48 hours, over East Madhya Pradesh on 27th and 28th.

Advisory:

- As heat wave conditions very likely at one or two pockets / some parts over above regions, apply light and frequent irrigation in vegetables, orchard crops, green gram, black gram, maize to cope up with the excess evaporative demand due to heat wave conditions, undertake mulching with straw/polythene to conserve soil moisture.
- In view of expected heat wave conditions in above regions, 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 to very heavy rain with extremely heavy rain very likely at isolated places over Assam & Meghalaya during next 48 hours and isolated heavy rain thereafter.
- Heavy to very heavy rain very likely at isolated places over Lakshadweep during next 5 days
- Heavy rainfall is likely at isolated places over South Interior Karnataka during next 5 days, over Andaman & Nicobar Islands and Arunachal Pradesh during next 72 hours and over Tamilnadu & Puducherry during next 24 hours.
- heavy rain at isolated places very likely over Sub-Himalayan West Bengal during next 48 hours and isolated heavy to very heavy on 27th.
- Heavy rainfall is likely at isolated places over Coastal Karnataka during next 72 hours and isolated heavy to very heavy thereafter.
- Heavy rain at isolated places very likely over Kerala during next 24 hours at isolated heavy to very heavy on 26th, scattered heavy to very heavy on 27th and 29th and scattered heavy to very heavy with isolated extremely very heavy on 28th May

Advisory:

- In view of expected heavy rain in above regions, avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. 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

Sate-wise Advisories

Jammu & Kashmir

- Continue nursery raising of early transplanted rice (var. IET-1410, K-39, Ratna, PC-19, Jaya). Complete sowing of maize, okra, French bean.
- To control the cutworm damage in maize at two leaf stage, undertake drenching with Chlorpyrifos 20 EC (0.02%) @ 2 ml per litre of water.

Uttarakhand:

- Undertake nursery raising of rice. Irrigation should be given after weeding and hoeing in sugarcane crop and apply nitrogen to the crop.

Himachal Pradesh

- Undertake preparation of rice nursery. Continue sowing of bhindi, planting of arvi etc. Continue transplanting of vegetables like tomato, capsicum, gourd, chilli etc. in the well prepared fields.

Punjab, Haryana & Delhi

- In Punjab, complete sowing of Bt. cotton and desi cotton by end of May. Continue harvesting of matured vegetables. Undertake 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). Apply irrigation in sugarcane, maize, moong, mash, vegetables and orchards.
- In Haryana, continue sowing of cotton. Undertake land preparation and sowing of green gram, Lobia, moth and Pigeon pea. Undertake nursery sowing of rice.
- In Delhi, continue field preparation for sowing of pigeon pea. Undertake sowing of cotton. Continue harvesting of matured vegetables.

Bihar

- Undertake land preparation for sowing of long duration rice seeds in nursery. Apply irrigation in vegetable crops as per requirement. Complete harvesting of maize.
- Undertake land preparation for nursery of nursery *Kharif* onion, chilli and brinjal.

West Bengal

- In the Sub-Himalayan West Bengal, provide proper drainage facility in ginger and turmeric fields. Continue transplanting of round chilli in the raised beds and provide proper drainage. Undertake land preparation for soybean cultivation. Undertake planting of elephant foot yam.
- In Gangetic West Bengal, carry out harvesting of groundnut in clear weather. Do not irrigate the Boro rice field as light rainfall has been forecast, Carry out harvesting of Boro rice when grains turn yellowish. Harvest rice the morning hours.

Assam

- Continue land preparation /nursery sowing for Sali rice, sowing for maize crop after current spells of heavy rain. Continue planting of fruit crops like pineapple, papaya, banana, etc. Continue planting of Assam lemon and banana suckers. Postpone harvesting of summer green/black gram till the rain recedes. Undertake sowing of Oiltorius varieties viz, JRO-524, JRO-7835, JRO-632, SEL-2 and Tarun up to the month of May.

Meghalaya

- Continue sowing of cucurbits like cucumber, pumpkin, bottle gourd, ash gourd, squash, French bean and cowpea. Continue land preparation and sowing of maize varieties Vijay Composite, DA 61A, RCM 75, 76, Vivek Hybrid 25, Vivek, QPM-1, etc. Continue transplanting of chilli and brinjal crops.

Manipur

- Continue land preparation for sowing of soybean, groundnut, black gram and rice bean after spells of heavy rain. Maintain optimum water depth of 5-8cm in the rice field. Undertake planting of colocasia. Carry out land preparation/seed collection for raising kharif rice nursery.

Mizoram:

- Carry out weeding in rice and maize fields on a non rainy day. Continue harvesting of mature potato, capsicum, chilli and brinjal crops in clear weather. Undertake sowing of cow pea and okra.

Tripura

- Drain out excess water that is accumulated in in maize, cowpea, urad and green gram fields. Weeding and thinning may be done in Jhum rice after current spells of rain.

Maharashtra

- In South Konkan, continue nursery bed preparation for kharif rice and ragi. Due cloudy weather and light rains during last 4-5 days, there may be incidence of fruit fly on matured mango fruits, install Methyl eugenol containing Rakshak traps @ 4 traps per ha.
- In Madhya Maharashtra, undertake nursery preparation on raised bed for kharif rice & ragi (nachani). Undertake decomposition of crop residues and cotton stalks of previous season for destruction various stages of pink bollworm. Undertake ploughing, harrowing, land leveling and bunding as early as possible.
- In Marathwada, complete harvesting of matured groundnut as early as possible, dry the harvested crop in shade before storage. Keep harvested produce in safer place. Complete harvesting of mango as early as possible during early morning or at evening hours. Keep harvested produce in safer place.
- In Vidarbha, continue harvesting of matured rice. Undertake nursery bed preparation for kharif rice. Continue harvesting of matured summer crops like groundnut.

Kerala

- Undertake preparation of nurseries for Viruppu rice. Undertake main field planting of cardamom if irrigation facilities are available. Continue planting of coconut seedlings and 3-4 months old banana suckers (varieties like Robusta, Poovan, Njalipoovan, Palayankodan, etc).

Andhra Pradesh

- Continue summer ploughing followed by land preparation for *kharif* crops like sesamum, bajra, mesta, etc. Continue summer ploughing for rain-fed sugarcane.

Tamil Nadu

- Prevailing high wind speed may damage banana crop. Provide support to five months or older banana plants. Undertake planting of rooted cuttings of pepper if sufficient soil moisture is available. Provide drainage to recently planted sugarcane, maize, groundnut and turmeric rhizome. Take up groundnut and green gram sowing with available soil moisture.
- Undertake field preparation followed by sowing of Chithiraipattam rainfed groundnut. Provide drainage to late season sugarcane setts to avoid sett rot. Continue planting of turmeric rhizomes.

Karnataka

- In South Interior Karnataka, continue pre-monsoon sowing of short duration crops like cowpea (TVX-944, KBC-1, TVC-152), green gram (PS-16, PDM-84,178, KKM-3), black gram (Karagao-3, T-9, Rashmi (LBG-625), horse gram, field bean (HA 1, 2, 3 & 4) and groundnut (TMV-2, JL-24, KCG-6) utilizing the realized rainfall.
- In Coastal Karnataka, continue harvesting of ripened cashewnut. Undertake raising and multiplication of seedlings of black pepper. Transfer strong and better areca nut seedlings from primary seed bed to secondary seed bed. Clean all drainage channels.
- In North Interior Karnataka, continue land preparation for sowing of kharif crops; keep inputs ready for sowing of soybean (JS-335), green gram (BGS-9), black gram (DU-1) and red gram (TS-3R) crops.