

**Advisory for DD Kisan dated 25.06.19**  
**(Agromet Advisories mentioned in the inputs are prepared by different**  
**Agromet Field Units in the country)**

**Significant Weather Features**

- Southwest Monsoon has further advanced into remaining parts of central Arabian Sea, Konkan & Madhya Maharashtra, some parts of north Arabian Sea and south Gujarat and some more parts of Madhya Pradesh.
- Northern Limit of Monsoon (NLM) passes through Lat. 21°N/Long. 60°E, Lat. 21°N/Long. 65°E, Veraval, Surat, Indore, Mandla, Pendra, Sultanpur, Lakhimpur Kheri, Mukteshwar and Lat. 31°N/Long. 80°E.
- Active to vigorous monsoon conditions resulting in widespread rainfall with isolated heavy to very heavy and extremely heavy falls are very likely over Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya and widespread rainfall with isolated heavy to very heavy falls over Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura during next 2-3 days.
- A Low Pressure Area is likely to form over north Bay of Bengal & neighbourhood around 30th June.
- Strong winds and rough sea in association with the Southwest Monsoon likely to prevail over southwest and westcentral Arabian Sea during 25th-29th June and over eastcentral Bay of Bengal & adjoining Andaman Sea on 28th & 29th June, 2019.

**Realised Weather**

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

- **Rain/Thundershowers observed (from 0830 hours IST of yesterday to 0830 hours IST of today):** at most places over Himachal Pradesh, Punjab, Madhya Maharashtra, Andaman & Nicobar Islands, Konkan & Goa, Coastal Karnataka and Kerala & Mahe; at many places over Jammu & Kashmir, Haryana, Chandigarh & Delhi, Gujarat region, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Marathwada, Interior Karnataka, Rayalaseema, Coastal Andhra Pradesh & Yanam and Telangana; at a few places over Uttarakhand, East Rajasthan, Uttar Pradesh, Arunachal Pradesh, West Madhya Pradesh and Tamilnadu, Puducherry & Karaikal and at isolated places over West Rajasthan, Saurashtra & Kutch, Gangetic West Bengal, Nagaland, Manipur, Mizoram & Tripura, East Madhya Pradesh and Odisha.
- **Very heavy rainfall** recorded at isolated places over Uttarakhand, Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya and heavy rainfall recorded at isolated places over Gujarat region and Coastal Andhra Pradesh.
- **Thunderstorm observed (from 0830 hours IST of yesterday to 0830 hours IST of today):** at a few places over Uttarakhand and at isolated places over Himachal Pradesh, Haryana,

Chandigarh & Delhi, West Uttar Pradesh, West Rajasthan, Madhya Pradesh, Madhya Maharashtra, North Interior & Coastal Karnataka, Telangana, Gujarat, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya and Coastal Andhra Pradesh & Yanam.

- **Maximum temperature departures as on 24-06-2019:** Maximum temperatures were markedly above normal (5.1°C or more) at a few places over Jharkhand; at isolated places over Assam & Meghalaya;
- Yesterday, the **highest maximum temperature of 42.5°C** was recorded at **Churu** (West Rajasthan).

### **Weather Forecast for next 5 days upto 0830 hours IST 30<sup>th</sup> June 2019**

- Meteorological sub-division wise detailed 5 days precipitation forecast is given in Table-1.
- Maximum temperature are very likely to rise by 2-3°C over northwest India during next 3-4 days and no significant change in maximum temperatures likely over major parts of the country during next 2-3 days.

**Table-1**  
**5 Day Rainfall Forecast (MID-DAY)**  
**25-June-2019**

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

% Station Reporting Rainfall

% Stations	Category	% Stations	Category
75-100	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

**Thunderstorm/Dust storm/Gail winds accompanied with lightning gusty winds, hail**

25 Jun (Day 1)	<b>Thunderstorm accompanied with lightning &amp; gusty winds (30-40 kmph)</b> at isolated places very likely over Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh and Rajasthan
26 Jun (Day 2)	<b>Thunderstorm accompanied with lightning &amp; gusty winds (30-40 kmph)</b> at isolated places very likely over Rajasthan.
27 Jun (Day 3)	<b>Thunderstorm accompanied with lightning</b> very likely at isolated places over Gangetic West Bengal and Odisha.

28 Jun (Day 4)	<b>Thunderstorm accompanied with lightning</b> very likely at isolated places over Gangetic West Bengal.
<b>Advisory for Thunder storm</b>	In the above regions, provide mechanical support to young fruit plants, banana and staking in vegetables to prevent the crops from lodging due to strong winds. Undertake propping in sugarcane. Postpone application of plant protection measures and fertilizers to the standing crops during strong / squally / gusty winds.

### **Heavy rainfall**

25 Jun (Day 1)	<b>Heavy to very heavy rainfall with extremely heavy fall</b> at isolated places very likely over Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya; Heavy to very heavy rainfall at isolated places over Arunachal Pradesh; Heavy rainfall at isolated places over Konkan & Goa, Gujarat Region, Madhya Maharashtra, West Madhya Pradesh, Uttarakhand, southeast Rajasthan and Andaman & Nicobar islands.
26 Jun (Day 2)	<b>Heavy to very heavy rainfall with extremely heavy fall</b> at isolated places very likely over Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya; Heavy to very heavy rainfall at isolated places over Arunachal Pradesh; Heavy rainfall at isolated places over Konkan & Goa, Telangana, Rayalseema, Gujarat region, West Madhya Pradesh, Vidarbha, Bihar, Nagaland, Manipur, Mizoram & Tripura and Andaman & Nicobar islands.
27 Jun (Day 3)	<b>Heavy to very heavy rainfall at isolated places</b> likely over Konkan & Goa, Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya and heavy rainfall at isolated places over Coastal Karnataka, Bihar, Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura.
28 Jun (Day 4)	<b>Heavy to very heavy rainfall</b> at isolated places likely over Konkan & Goa and heavy rainfall at isolated places over Sub-Himalayan West Bengal & Sikkim, Chhattisgarh, Coastal Karnataka, Odisha and Assam & Meghalaya.
29 Jun (Day 5)	<b>Heavy to very heavy rainfall</b> at isolated places likely over Konkan & Goa; <b>Heavy rainfall</b> at isolated places over East Madhya Pradesh, Coastal Karnataka, Coastal Andhra Pradesh, Chhattisgarh, Odisha and Gangetic West Bengal.
<b>Advisory for Heavy Rainfall</b>	In Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya; Arunachal Pradesh; Konkan & Goa, Madhya Maharashtra, Coastal Karnataka, postpone, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Provide adequate drainage in standing crop fields in Assam, Meghalaya and Arunachal Pradesh, Konkan and Kerala

## State-wise Advisories

### Jammu & Kashmir

- In Jammu & Kashmir, undertake sowing of Kharif fodder crops like sorghum, bajra and fodder maize, (with sufficient moisture in the field).
- In Valley Temperate Zone, continue transplanting of rice, complete sowing of kharif pulses.
- In Sub Tropical Zone, undertake transplanting of rice. Continue sowing of maize.

### Assam, Meghalaya, Arunachal Pradesh, Mizoram, Meghalaya and Nagaland,

- In Assam, continue nursery raising of Sali rice. Undertake main field preparation for transplanting of Sali rice.
- In Upper Brahmaputra Valley Zone of Assam, continue main field preparation for Sali rice, undertake planting of black pepper.
- In Arunachal Pradesh, continue transplanting of WRC rice. Undertake sowing of kharif maize.
- In Hill Zone of Assam, continue sowing of pigeon pea and cotton and in Central Brahmaputra Valley of Assam, continue sowing of arhar and groundnut after current spells of heavy rain.
- In Meghalaya, undertake nursery raising and main field preparation for sowing of Sali rice.
- In Mizoram, continue sowing of maize, green gram, black gram and planting of ginger and turmeric.

### Uttarakhand

- In Bhabar and Tarai Zone, complete sowing of soybean, continue field preparation for nursery sowing of rice.
- In Sub-Humid Sub-Tropic Zone, continue nursery sowing of rice.
- In Hill Zone, undertake sowing of soybean and groundnut.
- In Hill Zone, undertake sowing of finger millets, soybean and black gram. Continue transplanting of rice

### Punjab, Haryana and New Delhi

- In Western Zone and Western Plain Zone of Punjab, undertake transplanting of rice.
- In Haryana, continue sowing of cotton,
- In Haryana and Punjab continue sowing of rice in the nursery.
- In Delhi, continue transplanting of nursery for early cauliflower, tomato, chilli, brinjal whose seedlings are ready and land preparation of rice. Undertake sowing of cucurbits in rainy season and prepare the fields for maize crop.

### Madhya Pradesh and Chhattisgarh

- In Chhattisgarh Plain Zone, undertake sowing of kharif crops like rice, soybean, arhar, sesamum, maize etc. Undertake field preparation for sowing of groundnut .
- In Malwa Plateau Zone, of Madhya Pradesh continue field preparation for sowing of pigeon pea and cotton. Undertake planting of ginger and turmeric.

- In North Hill Zone of Chhattisgarh, prepare nursery for sowing of long duration rice varieties and undertake land preparation for sowing of vegetables

### Gujarat and Rajasthan

- In Saurashtra & Kutch, continue land preparation for sowing of groundnut, sesame, pulses and pearl millet crops.
- In South Gujarat, continue land preparation for sowing of pigeon pea, green gram and black gram crops. Complete nursery sowing of rice.
- In Flood Prone Eastern Plain Zone of Rajasthan, continue field preparation for sowing of kharif crops.
- In Arid Western Plain Zone of Rajasthan, undertake sowing of cotton, maize and vegetables like tomato, onion and chilli.

### Odisha and West Bengal

### Andhra Pradesh, Karnataka, Madhya Pradesh, Maharashtra, Mizoram, Nagaland, Odisha, Punjab, Rajasthan, Tamil Nadu, Uttar Pradesh, West Bengal

- In North Central Plateau Zone of Odisha, undertake sowing of maize (for green cob purpose), arhar, groundnut and ragi.
- In North Eastern Plateau Zone of Odisha, undertake land preparation/ sowing different kharif crops like mung, arhar, ragi, rice, maize and groundnut.
- In North Eastern Ghat Zone of Odisha, undertake sowing of maize (for green cob purpose) , arhar,. Undertake sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain
- In Sub-Himalayan West Bengal, undertake planting of ginger and turmeric in the main field after current spells of heavy rain. Undertake field preparation for transplanting of Aman rice.

### Bihar and Jharkhand

- In Bihar, continue land preparation for long duration rice, kharif maize and kharif onion crops. Continue planting of turmeric and yam.
- In South Bihar Alluvial Zone, continue land preparation/sowing of rice, kharif maize.
- In Western Plateau Zone of Jharkhand, undertake sowing of arhar, urd, jowar, soyabean, maize, groundnut and rice.
- In Central & North Eastern Plateau Zone of Jharkhand, undertake land preparation for direct seeding and nursery bed for seedling for kharif rice, land preparation for sowing of arhar and maize.

### Maharashtra

- In Konkan region, undertake transplanting of rice. Continue land preparation for sowing of groundnut after current spell of heavy rain. Continue sowing of kharif vegetables like chilli, brinjal, tomato, okra, cucumber, bitter gourd, snake gourd, ridge gourd etc.
- In Madhya Maharashtra, complete land preparation for kharif sowing like soybean, tur and cotton. Complete land preparation and keep inputs ready for sowing of kharif crops like groundnut, soybean and jowar.

- In Marathwada, continue land preparation for sowing of kharif crops like cotton, pigeon pea, black gram and groundnut (Sowing of kharif crops should be done only after receipt of sufficient rainfall).
- In West Vidarbha, sowing of kharif crops like pigeon pea, cotton, green gram, black gram and soyabean should be undertaken only after receipt of sufficient rainfall. Avoid sowing under insufficient soil moisture condition as subdued rainfall activity may prevail next 5 days. Undertake nursery sowing of kharif vegetables.
- In East Vidarbha, continue nursery bed preparation for rice, continue land preparation for sowing of pigeon pea, cotton and soybean.

### **Tamilnadu and Kerala**

- In Cauvery Delta Zone of Tamilnadu, continue nursery sowing of rice for kuruvai season.
- In North Western Zone of Tamilnadu, continue land preparation for sowing of groundnut.
- In Northern zone of Kerala, undertake main field preparation for transplanting of rice, undertake planting of black pepper.
- In Central Zone of Kerala, undertake transplanting of rice.

### **Karnataka**

- In Eastern Dry Zone of Karnataka, undertake sowing of sowing of kharif crops like maize, castor, groundnut, cowpea, redgram and black gram after receipt of sufficient rainfall
- In North East Transition Zone, undertake sowing of greengram, blackgram, Jowar and soybean and pigeonpea.
- In Coastal zone, undertake nursery preparation of rice.
- In Southern Transition Zone, continue sowing of maize, groundnut and redgram.
- In Hill zone, undertake sowing of rice, maize and cotton. Undertake planting of Arecanut.