

All India Coordinated Research Project on Agrometeorology

CRIDA, Santoshnagar, Hyderabad – 500 059

Daily Crop Weather Information as on 26 May 2018

Attention: Rajiv Maheshwari, OSD, ICAR

Significant Weather Features (IMD)

- 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 24 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 eastcentral Bay of Bengal during subsequent 48 hours.
- The Very Severe Cyclonic Storm ‘Mekunu’ over Oman moved further northwestwards with speed 14 Kmph during past 06 hours and lay centered at 0530 hrs IST of today, 26th May 2018 over Oman near latitude 17.2°N and longitude 53.3°E, about 85 km west southwest of Salalah. It is very likely to move northwestwards and weakened into a severe cyclonic storm during next 06 hours and into a deep depression during subsequent 06 hours.
- Heat wave conditions are very likely to persist over parts of Northwest India and Central India during next 3-4 days.
- Yesterday, heat wave conditions observed at some parts over Vidharbha; at one or two pockets over northwest Rajasthan and Madhya Pradesh.
- Thunderstorm observed at isolated places over Chhattisgarh, East Madhya Pradesh, Jharkhand, Sub Himalayan West Bengal & Sikkim, Odisha, Nagaland, Manipur, Mizoram & Tripura, Assam & Meghalaya Kerala, Tamilnadu & Puducherry, Coastal & South Interior Karnataka and Lakshadweep from 0830 hours IST of yesterday to 0530 hours IST of today.
- The images showing the latest satellite picture in figure. 1.

Main Weather Observations (IMD)

- Rainfall observed (from 0830 to 1730 hours IST of yesterday): Rain/thundershowers observed at most places over Kerala; at many places over Assam & Meghalaya; at a few places over Tamilnadu & Puducherry, Andaman & Nicobar Islands; at isolated places over East Madhya Pradesh, Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura.

- Maximum temperature departures as on 25.05.2018: Maximum temperatures were markedly above normal (5.1°C or more) at a few places over Himachal Pradesh; appreciably above normal (3.1°C to 5.0°C) at most places over Jammu & Kashmir, Uttarakhand, Punjab and Haryana, Chandigarh & Delhi; at a few places over West Madhya Pradesh, Vidharbha and north Rajasthan; above normal (1.6°C to 3.0°C) at most places over Uttar Pradesh, rest Rajasthan, Bihar, Marathwada and Saurashtra & Kutch; at a few places over Jharkhand, Madhya Maharashtra and Gujarat region. They were markedly below normal (5.1°C or less) at a few places over Tamilnadu & Puducherry; at isolated places over Kerala; appreciably above normal (3.1°C to 5.0°C) at most places over Lakshadweep; at isolated places over Assam & Meghalaya, Odisha, Coastal Andhra Pradesh and South Interior Karnataka. They are below normal (1.6°C to 3.0°C) at most places over Sub Himalayan West Bengal & Sikkim; at a few place over Gangetic West Bengal and Rayalaseema and near normal over rest of the country.
- The highest maximum temperature of 46.5°C recorded at Ganganagar (West Rajasthan).
- Minimum temperature departures as on 25.05.2018: Minimum temperatures were above normal (1.6°C to 3.0°C) at most Places over Vidharbha; at many places over West Bengal & Sikkim; at a few places over East Uttar Pradesh, Rajasthan, East Madhya Pradesh, Bihar, Jharkhand, Assam & Meghalaya, Gujarat, Marathwada, Madhya Maharashtra and at isolated places over Jammu & Kashmir, Himachal Pradesh & Uttarakhand. They were below normal (1.6°C to 3.0°C) at most Places over Tamilnadu & Puducherry; at a few places over Haryana, Chandigarh & Delhi, West Uttar Pradesh, West Madhya Pradesh, Coastal Karnataka, South Interior Karnataka and Lakshadweep and near normal over rest of the country.

Weather Warning during next 5 days (IMD)

- 26 May (Day 1): 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 Vidharbha. 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. High wave in the range of 3.0-3.6 meters are likely along the coast of Lakshadweep, Kerala, Gujarat, South Tamilnadu, Karnataka, Maharashtra, Goa, Odisha, West Bengal and Andaman & Nicobar. Fisherman are advised not to venture along & off these areas.
- 27 May (Day 2): 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 Vidharbha. 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. High wave in the range of 3.0-3.6 meters are likely along the coast of Lakshadweep, Kerala, Gujarat, South Tamilnadu, Karnataka, Maharashtra, Goa, Odisha, West Bengal and Andaman & Nicobar. Fisherman are advised not to venture along & off these areas.

- 28 May(Day 3): 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 4): 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.
- 30 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.

Agricultural activities (AICRPAM-CRIDA)

Haryana

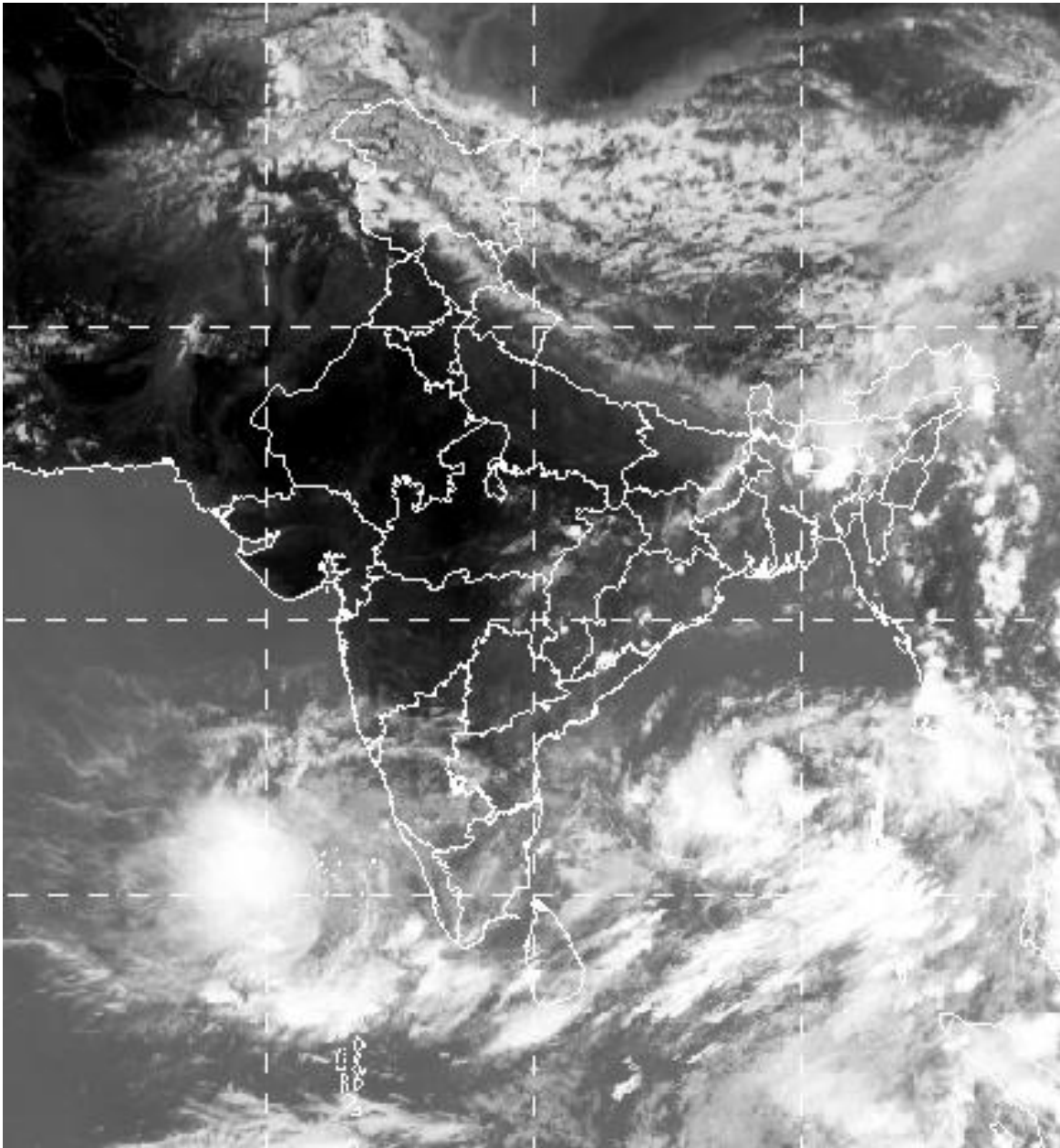
Weather condition

Dry weather prevailed in Haryana state during past few days.

Contingency measure:

- General advisory: Weather likely to be variable and dry during the period. Farmers are advised to complete sowing of cotton crop. Wheat: Keep proper arrangements to cover the harvested crop during high winds. Don't burn heat straw in field as it creates environmental pollution and harmful for soil health. It is also punishable offence.
- Rice: Prepare the field for nurseries and sowing to be done with good quality seed of recommended varieties of rice crop.

- Cotton: Farmers are advise to do sowing of cotton crop. Moong: Farmers are advised to apply irrigation. Sugarcane: Farmers are advised to apply irrigation and chemical spray.
- Vegetables/ fruit crops: Farmers are advised to apply irrigation. Keep proper management to protect the small fruit crop from heat waves.
- Live stock: Keep animals inside of shade while aberrant weather. Provide clean drinking water sufficiently. Give shower to animals to overcome the heat stress. Provide balanced feed.



**Figure: 1. Latest available satellite picture as on 26 May 2018 at 0230 Hrs (IST).
(Source: IMD).**