

# All India Coordinated Research Project on Agrometeorology

## CRIDA, Santoshnagar, Hyderabad – 500 059

### Daily Crop Weather Information as on 26 March 2018

**Attention: Rajiv Maheshwari, OSD, ICAR**

#### Significant Weather Features (IMD)

- The meteorological conditions are conducive for rise in maximum temperatures by 2-3°C over northwest and by 1-2°C over central India during next 2-3 days.
- A trough in westerlies upto 1.5 Km above mean sea level runs from Sub Himalayan West Bengal to interior Odisha across Gangetic West Bengal. Under the influence of these systems, thunderstorm with gusty winds very likely at isolated places over Sub Himalayan West Bengal & Sikkim during next 24 hours and over northeastern states during next 48 hours.
- Yesterday, heat wave conditions were prevailing at a few places over coastal Saurashtra and at isolated places over Konkan.
- Thunderstorm observed at isolated places over Uttarakhand, Gangetic West Bengal and Jharkhand from 1430 hours IST of yesterday to 0830 hours IST of today.
- The images showing the latest satellite picture in figure. 1.

#### Main Weather Observations (IMD)

- Rainfall recorded (from 0830 hours IST of yesterday to 0830 hours IST of today): Rain/Thundershowers observed at a few places over Uttarakhand, Gangetic West Bengal, Assam & Meghalaya, Arunachal Pradesh, Andaman & Nicobar Islands and at isolated places over Odisha, Sub Himalayan West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura.
- Maximum temperature departures as on 25.03.2018: Maximum temperatures were markedly above normal (5.1°C or more) at many places over Jammu & Kashmir and Himachal Pradesh; at a few places over Saurashtra & Kutch; appreciably above normal (3.1°C to 5.0°C) at most places over Uttarakhand and Punjab; at many places over West Rajasthan, Gujarat Region and Konkan & Goa; above normal (1.6°C to 3.0°C) at many places over Bihar and Assam & Meghalaya; at a few places over Haryana, Chandigarh & Delhi, Jharkhand, Coastal Karnataka, North Interior Karnataka, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura and at isolated places over Uttar Pradesh, Gangetic West Bengal, West Madhya Pradesh, Vidarbha, East Rajasthan and Kerala. They were below

normal (1.6°C to 3.0°C) at isolated places over Odisha, Coastal Andhra Pradesh, Telangana and Tamilnadu & Puducherry and near normal over rest parts of the country.

- Yesterday, the highest maximum temperature of 41.0°C recorded at Veraval (Saurashtra & Kutch) and Mumbai (Konkan & Goa) over the country.
- Minimum temperature departures as on 26.03.2018: Minimum temperatures are appreciably above normal (3.1°C to 5.0°C) at many places over Jammu & Kashmir, Punjab; at a few places over Madhya Maharashtra, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura; at isolated places over Gangetic West Bengal; above normal (1.6°C to 3.0°C) at many places over Himachal Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, West Uttar Pradesh, Konkan & Goa, Andaman & Nicobar Islands; at a few places over West Rajasthan, Gujarat, Coastal Karnataka, North Interior Karnataka, Chhattisgarh, Odisha, rest West Bengal & Sikkim, Assam & Meghalaya; at isolated places over Madhya Pradesh. They are below normal (1.6°C to 3.0°C) at a few places over rest Madhya Pradesh, Vidarbha, Rayalaseema & South Interior Karnataka; at isolated places over Tamilnadu and near normal over rest parts of the country.
- The lowest minimum temperature 12.2°C recorded at Mandla (East Madhya Pradesh) over the plains of the country.

#### Weather Warning during next 5 days (IMD)

- 26 March (Day 1): Thunderstorm accompanied with gusty winds very likely at isolated places over Assam & Meghalaya, Mizoram & Tripura and Sub Himalayan West Bengal & Sikkim. Heat wave conditions very likely at a few places over Saurashtra & Kutch with severe heat wave at isolated places over Saurashtra & Kutch and at isolated places over south west Rajasthan, Gujarat region, north Konkan.
- 27 March (Day 2): Thunderstorm accompanied with gusty winds very likely at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura. Heat wave conditions very likely at isolated places over Saurashtra & Kutch.
- 28 March (Day 3): No weather warning.
- 29 March (Day 4): Thunderstorm accompanied with squally winds very likely at isolated places over West Bengal & Sikkim, Assam & Meghalaya and Mizoram & Tripura.
- 30 March (Day 5): Heavy rain at isolated places over Assam & Meghalaya. Thunderstorm accompanied with squally winds very likely at isolated places over West Bengal & Sikkim, Assam & Meghalaya and Mizoram & Tripura. Heat wave conditions very likely at isolated places over West Rajasthan.
- The weather outlook for the period of seven days *i.e* 26 March to 03 April 2018 forecasted (*Provided by Real-Time Weather Forecasts from NOAA/NCEP collected from <http://monsoondata.org/wx2/>*) rain/thundershower may occur over Uttarakhand, Gangetic

West Bengal, Odisha, Sub Himalayan West Bengal & Sikkim, Andaman & Nicobar Islands and North eastern States. (Fig. 2).

## **Agricultural activities (AICRPAM-CRIDA)**

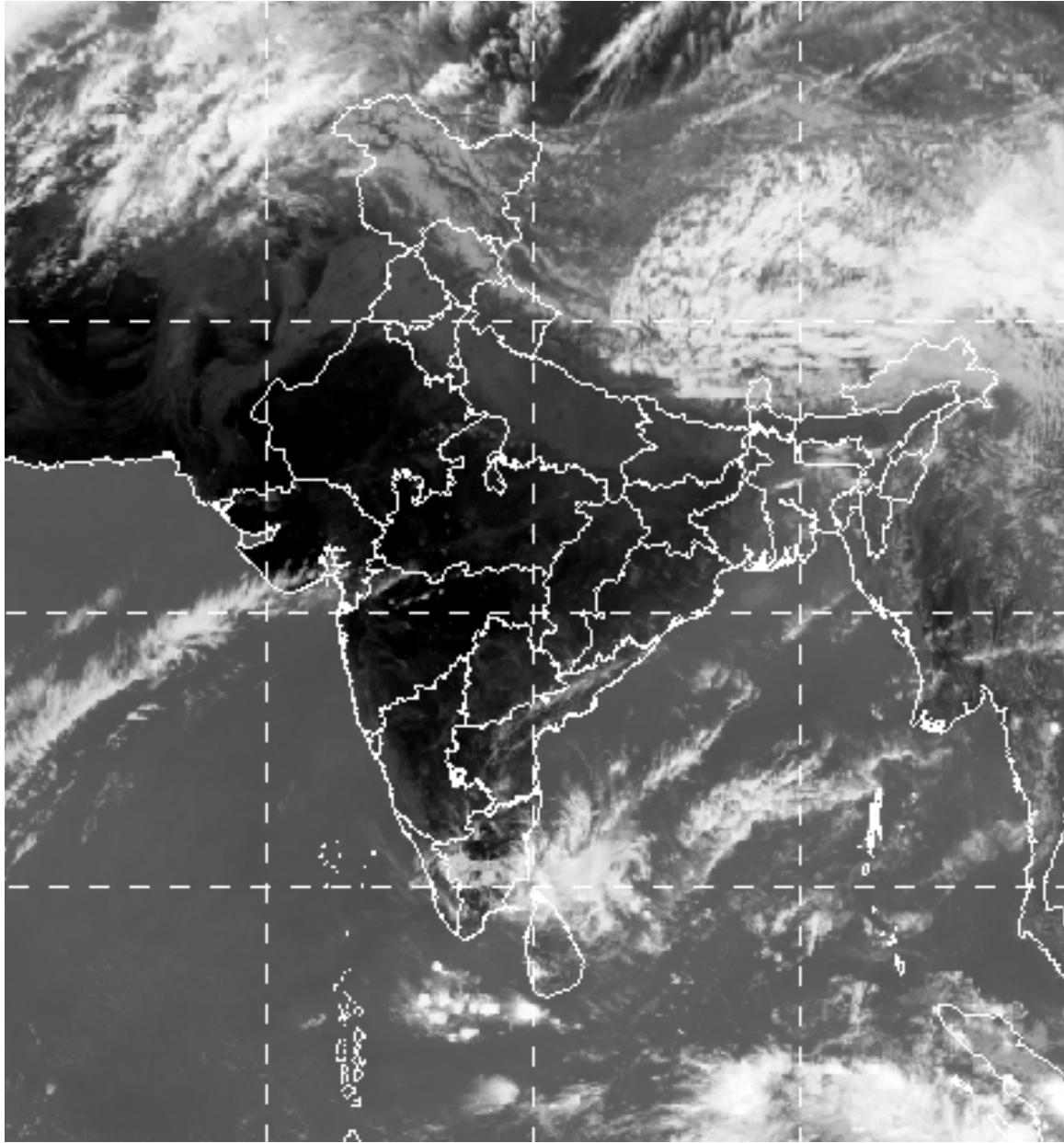
### **Assam**

#### **Weather condition**

Light rainfall received in Assam state during past few days.`

#### **Contingency measure:**

- Sugarcane: Sugarcane sets may be planted during March-April. Land preparation may be started now. Apply 5% Malathion dust @ 3 kg per bigha to avoid attack of termites before planting the sets.
- Colocasia: Farmers can start preparing the land for planting of colocasia, after the harvest of potato, rapeseed and mustard crop. Healthy planting material, improve variety should be selected.
- Summer vegetables: Seeds of different varieties of summer vegetables should be sown for early crop within this month as follows Cucumber-Chinese Green, Pusa Sanyog, Poinsette
- Bitter Gourd: Long Green, Extra Long, Pussa Do Mausmi Ridge Gourd: Pusa Nasdar, AAUJ-2, AAUC-3 Okra: Pusa Sawani, Arka Anamika, Parbhdani Kranti.



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

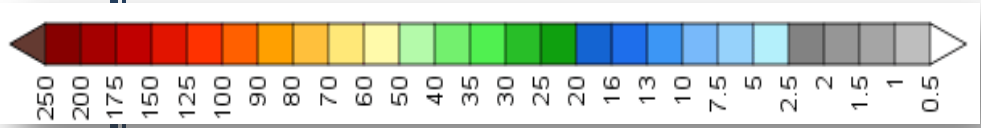
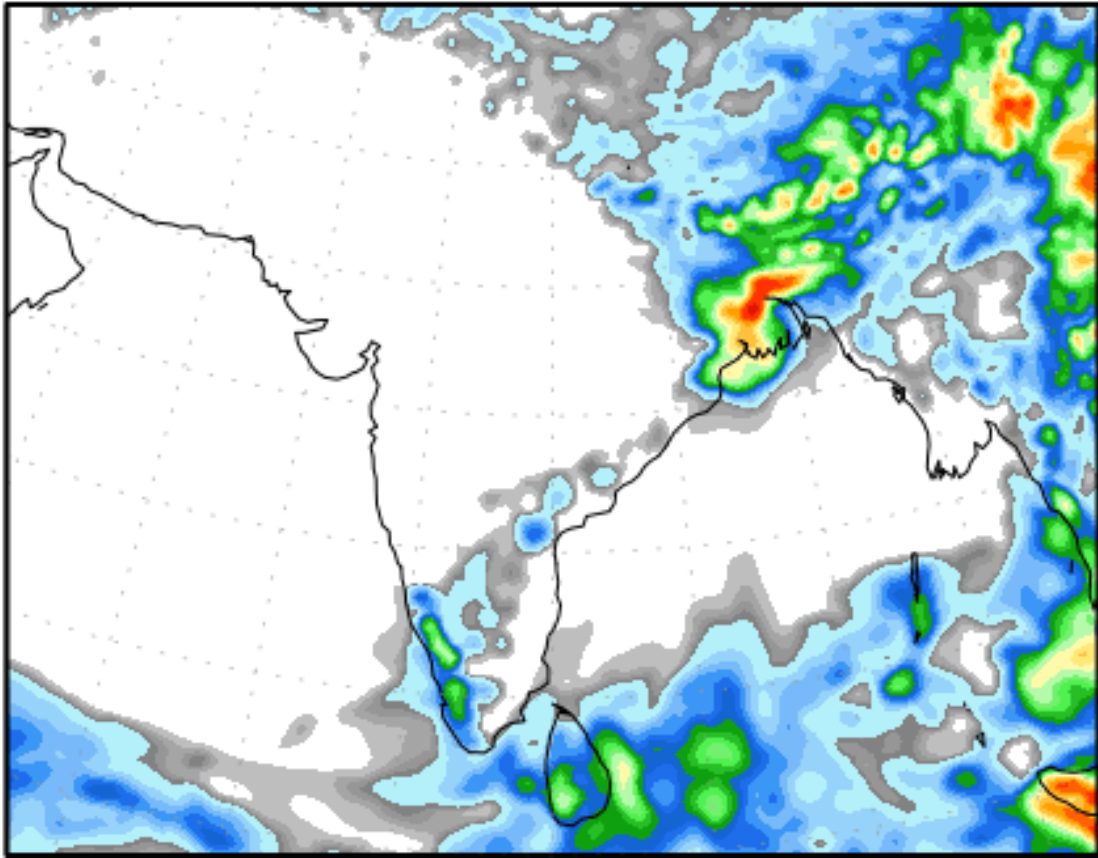


Figure: 2. Precipitation forecast for 26 March to 03 April 2018 (Source: NOAA NCEP).