

# **All India Coordinated Research Project on Agrometeorology**

## **CRIDA, Santoshnagar, Hyderabad – 500 059**

### **Daily Crop Weather Information as on 07 March 2018**

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

#### **Significant Weather Features (IMD)**

- Wind confluence in the lower levels and strong westerly winds are prevailing in the upper levels. Under the influence of above conditions, thunderstorm accompanied with hailstorm very likely at isolated places over East Rajasthan, Madhya Pradesh and interior Maharashtra during next 2-3 days and over Odisha & Chhattisgarh on 10th & 11th March.
- 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): Rainfall recorded at most places over Arunachal Pradesh; at a few places over Assam & Meghalaya and at isolated places over Nagaland, Manipur, Mizoram & Tripura.
- Maximum temperature departures as on 06.03.2018: Maximum temperatures were appreciably above normal (3.1°C to 5.0°C) at most places over Jammu & Kashmir and Himachal Pradesh; at a few places over Punjab and Saurashtra & Kutch; at isolated places over West Rajasthan, Madhya Pradesh, Vidarbha, Odisha, Gangetic West Bengal, Konkan & Goa and Nagaland, Manipur, Mizoram & Tripura; above normal (1.6°C to 3.0°C) at most places over Jharkhand and West Bengal & Sikkim; at many places over Uttarakhand, Gujarat region, Vidarbha, Marathwada, South Interior Karnataka and Rayalaseema; at a few places over Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh, Bihar, Odisha, Saurashtra & Kutch, Madhya Maharashtra and North Interior Karnataka; at isolated places over East Uttar Pradesh, Assam & Meghalaya, West Rajasthan, Madhya Pradesh, Chhattisgarh, Tamilnadu and Kerala. They were appreciably below normal (3.1°C to 5.0°C) at many places over Arunachal Pradesh.
- Yesterday, the highest maximum temperature of 41.5°C recorded at Bhira (Konkan & Goa) over the country.
- Minimum temperature departures as on 07.03.2018: Minimum temperatures are appreciably below normal (3.1°C to 5.0°C) at many places over South Interior Karnataka; below normal (1.6°C to 3.0°C) at many places over Coastal Andhra Pradesh, Rayalaseema & Tamilnadu; at a few places over Himachal Pradesh, Haryana, Chandigarh & Delhi, East Rajasthan, East Madhya Pradesh, Jharkhand & North Interior Karnataka; at isolated places over Jammu &

Kashmir, Bihar & Gangetic West Bengal. They are appreciably above normal (3.1°C to 5.0°C) at many places over Gujarat, Madhya Maharashtra, Konkan & Goa; at a few places over West Rajasthan; above normal (1.6°C to 3.0°C) at many places over Punjab, Vidarbha & Marathawada; at a few places over West Uttar Pradesh, West Madhya Pradesh, Telangana, Nagaland, Manipur, Mizoram & Tripura, Andaman & Nicobar Islands and at isolated places over Assam & Meghalaya and near normal over rest parts of the country.

- The lowest minimum temperature of 9.0°C is recorded at Karnal (Haryana) in the plains of the country.

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

- 07 March (Day 1): Thunderstorm accompanied with hailstorm likely at isolated places over West Madhya Pradesh, Madhya Maharashtra, Marathawada and Vidarbha.
- 08 March (Day 2): Thunderstorm accompanied with hailstorm likely at isolated places over East Rajasthan, Madhya Pradesh and Vidarbha.
- 09 March (Day 3): Thunderstorm accompanied with hailstorm likely at isolated places over East Madhya Pradesh.
- 10 March (Day 4): Thunderstorm accompanied with hailstorm likely at isolated places over Chhattisgarh and Odisha.
- 11 March (Day 5): Thunderstorm accompanied with hailstorm likely at isolated places over Chhattisgarh, Odisha, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- The weather outlook for the period of seven days *i.e* 07 March to 15 March 2018 forecasted (*Provided by Real-Time Weather Forecasts from NOAA/NCEP collected from <http://monsoondata.org/wx2/>*) rain/thundershower may occur over North Eastern States. (Fig. 2).

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

#### **Gujarat**

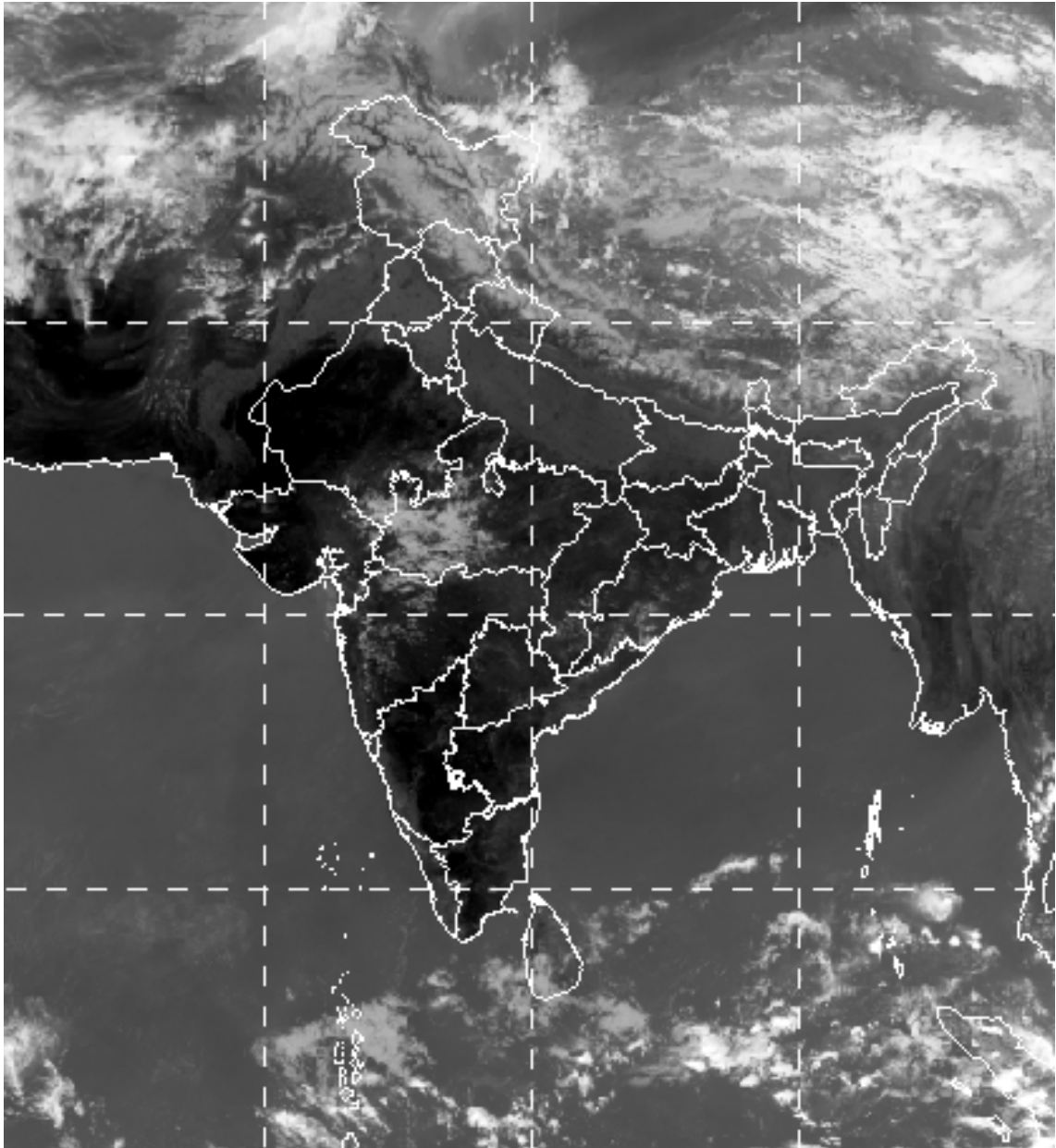
##### **Weather condition**

Dry weather prevailed in Gujarat state during past few days. The actual average maximum temperature is 2.8°C and minimum temperature is 2.2°C higher as compared to their normal values.

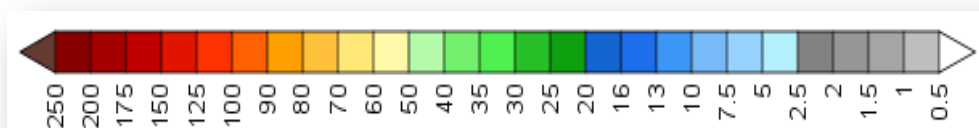
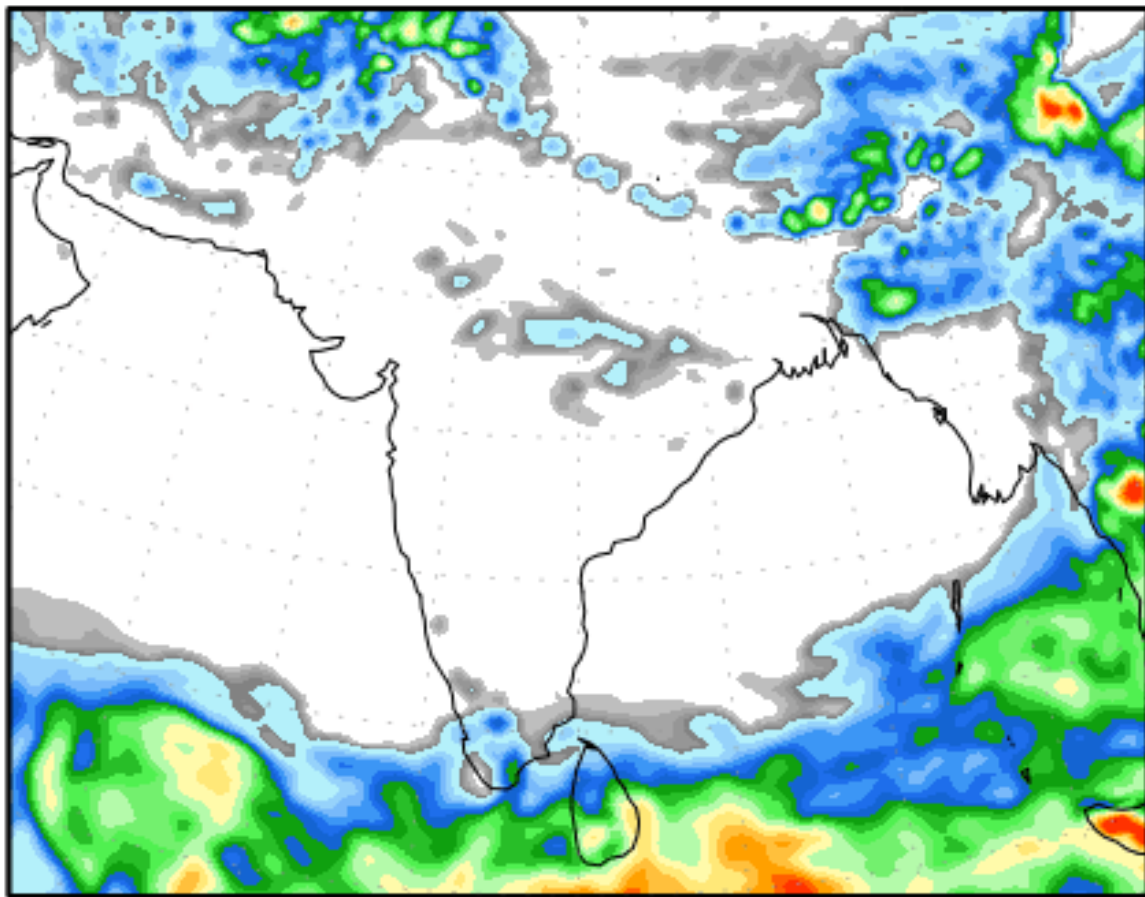
##### **Contingency measure:**

- Wheat: Maturity: Harvest the crop and Protect from damage of birds.

- Gram: Pod development: Protect from birds. Brinjal: Growth: Fruit and Shoot borer: If infestation found install 40 pheromone trap. Change lure at 21 day interval. And spray Diclorovos 76 EC 7 ml or Deltamethrin 1% + Triazophos 36% EC 10 ml in 10 lit water.
- Mango: Pea size fruit: For the control of Mango hopper Spaying of Imidacloprid 5ml in 10 lit water at 10 days interval.
- Banana: Vegetative growth: Due to rise in temperature thrips can be attack on banana crop. To control it spray malathion 50 EC 20 ml or Quinalphos 25 EC 20 ml in 10 lit water with added sticker.
- Cattle: Keep indoor at night time. Give dry fodder twice a day. Normal water given for drinking..



**Figure: 1. Latest available satellite picture as on 07 March 2018 at 0230 Hrs (IST).  
(Source: IMD).**



**Figure: 2. Precipitation forecast for 07 March to 15 March 2018 (Source: NOAA NCEP).**