

**All India Coordinated Research Project on Agrometeorology, CRIDA,  
Santoshnagar, Hyderabad – 500 059**

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

**Daily Crop Weather Information as on 27 June 2018**

**Significant Weather Features (IMD)**

- Southwest monsoon further advanced into some more parts of Odisha, remaining parts of West Bengal, most parts of Bihar and Jharkhand. Conditions are favourable for further advance of Southwest Monsoon into some more parts of north Arabian Sea, Gujarat State, remaining parts of Maharashtra; some more parts of Madhya Pradesh, Chhattisgarh; remaining parts of Odisha, Jharkhand, Bihar and some parts of Uttar Pradesh, Uttarakhand, south east Rajasthan during next 24 hours. Pre monsoon thunderstorm activity has commenced over parts of northwest India. Advance of southwest monsoon is likely over most parts of northwest India including Delhi during 28th to 30th June. In view of the revival of southwest monsoon rough to very rough Sea conditions are likely along the west & east coasts of India, around the Islands as well as over north & central parts of Arabian Sea.
- The images showing the latest satellite picture in figure. 1.

**Main Weather Observations (IMD)**

- Rainfall observed ( from 08:30 to 17: 30 hours IST of yesterday) : Rain/thundershowers observed at most places over Konkan & Goa; at many places over West Madhya Pradesh, Madhya Maharashtra, South Interior Karnataka; at a few places over East Madhya Pradesh, Nagaland, Manipur, Mizoram, Tripura, Coastal Karnataka and Marathwada; at isolated places over Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Rajasthan, Bihar, Jharkhand, West Bengal, Sikkim, north Coastal Andhra Pradesh, Odisha, Assam, Meghalaya, North Interior Karnataka, Kerala, Lakshadweep, Tamilnadu, Puducherry and Andaman & Nicobar Islands. Amount of rainfall recorded at 17:30 hours IST of yesterday (2 cm or more) were Mangalore, Datia, Jhansi, Shajapur & Khandwa; Shantinikatan, Indore; Churu, Guna, Pendra & Matheran. Thunderstorm Observed at isolated places over Jammu & Kashmir, Himachal Pradesh, Uttarkhand, Punjab, Rajasthan, Madhya Pradesh, West Bengal, Sikkim, Uttar Pradesh and Coastal Andhra Pradesh from 11:30 hours IST of yesterday to 05:30 hours IST of today.

- **Maximum temperature departures as on 26-06-2018 :** Maximum temperatures were appreciably above normal (3.1°C to 5.0 °C) at a few places over East Uttar Pradesh, Himachal Pradesh & East Madhya Pradesh; above normal (1.6°C to 3.0°C) at many places over Coastal Andhra Pradesh; at a few places over Uttrakhand, Saurashtra & Kutch, Rayalaseema, Kerala; at isolated places over Gujarat region, West Uttar Pradesh, Assam, Meghalaya, Tamilnadu & Puducherry. They were markedly below normal (5.1°C or less) at isolated places over West Uttar Pradesh; appreciably below normal (3.1°C to 5.0°C) at a few places over Haryana, Chandigarh, Delhi, Vidarbha, coastal Odisha and Jharkhand; at isolated places over East Rajasthan, Madhya Maharashtra, Gangetic West Bengal, Andaman & Nicobar Islands and below normal (-1.6°C to 3.0°C) at many places over Marathwada, at a few places over Jammu & Kashmir and near normal over rest parts of the country. The highest maximum temperature of 44.8°C recorded at Ganganagar (West Rajasthan).
- **Minimum temperature departures as on 26-06-2018 :** Minimum temperatures were appreciably above normal ( 3.1°C to 5.0°C) at a few places over Uttrakhand and West Uttar Pradesh; above normal (1.6°C to 3.0°C) at a few places over East Madhya Pradesh, East Uttar Pradesh, Coastal Andhra Pradesh and at isolated places over Punjab and Himachal Pradesh. They were appreciably below normal (3.1°C to 5.0°C) at a few places over West Madhya Pradesh and at a isolated places over Gangetic West Bengal, Odisha and below normal (1.6°C to 3.0°C) at a few places over Jammu & Kashmir, East Rajasthan, West Madhya Pradesh, South Interior Karnataka, Gujarat Region and near normal over rest of the country.

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

- **27 June (Day 1) :** Heavy to very heavy rain very likely at isolated places over East Uttar Pradesh, East Rajasthan, Odisha, Konkan & Goa, Coastal Karnataka; Uttrakhand, Madhya Pradesh, Chhattisgarh, Bihar, Jharkhand, West Bengal, Sikkim, Nagaland, Manipur, Mizoram, Tripura, Madhya Maharashtra, north Coastal Andhra Pradesh, South Interior Karnataka and Kerala. Thunderstorm accompanied with squall and hail very likely at isolated places over Uttrakhand. Thunderstorm accompanied with squall very likely at isolated places over Himachal Pradesh, Punjab, Haryana, Chandigarh , Delhi and Uttar Pradesh.
- **28 June (Day 2) :** Heavy to very heavy rain very likely at isolated places over Uttrakhand, Punjab, Haryana, Chandigarh, Delhi, Uttar Pradesh, Sub Himalayan West Bengal, Sikkim, Coastal Karnataka, Jammu & Kashmir, Himachal Pradesh, Rajasthan, Madhya Pradesh, Chhattisgarh, Odisha, Andaman & Nicobar Islands, Assam, Meghalaya, Konkan & Goa, South Interior Karnataka, Tamilnadu, Puducherry and Kerala.
- **29 June (Day 3) :** Heavy to very heavy rain expected at isolated places over Himachal Pradesh, Uttrakhand, Punjab, Haryana, Chandigarh, Delhi, West Uttar Pradesh, Sub-Himalayan West Bengal, Sikkim, Coastal Karnataka, Jammu & Kashmir, East Uttar

Pradesh, Rajasthan, Madhya Pradesh, Arunachal Pradesh, Assam, Meghalaya, Nagaland, Manipur, Mizoram, Tripura, Konkan & Goa, South Interior Karnataka, Tamilnadu , Puducherry and Kerala.

- **30 June (Day 4) :** Heavy to very heavy rain expected at isolated places over Assam & Meghalaya; Uttarakhand, Coastal Karnataka; isolated places over Himachal Pradesh, Sub Himalayan West Bengal, Sikkim, Arunachal Pradesh, Konkan & Goa, over Haryana, Chandigarh, Delhi, West Uttar Pradesh, East Rajasthan, Nagaland, Manipur, Mizoram , Tripura, South Interior Karnataka and Kerala.
- **01 July (Day 5) :** Heavy to very heavy rain likely at places over Assam, Meghalaya, Uttarakhand, Coastal Karnataka, Himachal Pradesh, Sub Himalayan West Bengal, Sikkim, Arunachal Pradesh, Konkan & Goa, Haryana, Chandigarh, Delhi, West Uttar Pradesh, East Rajasthan, Nagaland, Manipur, Mizoram, Tripura, South Interior Karnataka and Kerala.
- The weather outlook for the period of eight days i.e. 26 June to 04 July 2018 forecasted (Provided by Real-Time Weather Forecasts from NOAA/NCEP collected from <http://monsoondata.org/wx2/>) Light to heavy rainfall expected over Madhya Pradesh, Chhattisgarh, Odisha, some parts of Uttar Pradesh, Bihar, north eastern states, Light to moderate rainfall expected over Peninsular and western part of country (Fig. 2).

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

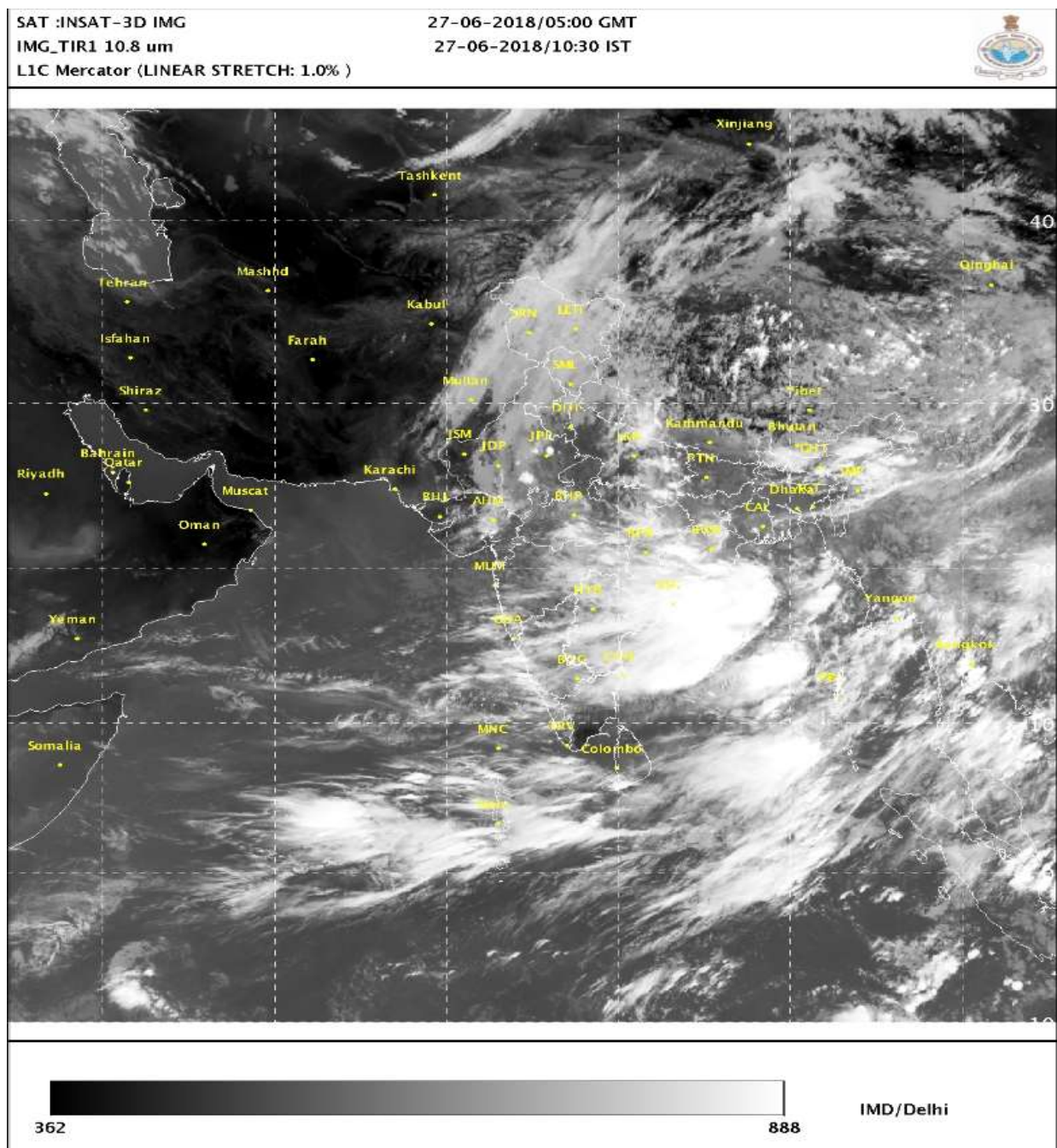
#### **Assam**

##### **Weather condition:**

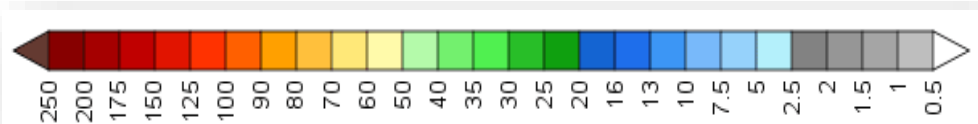
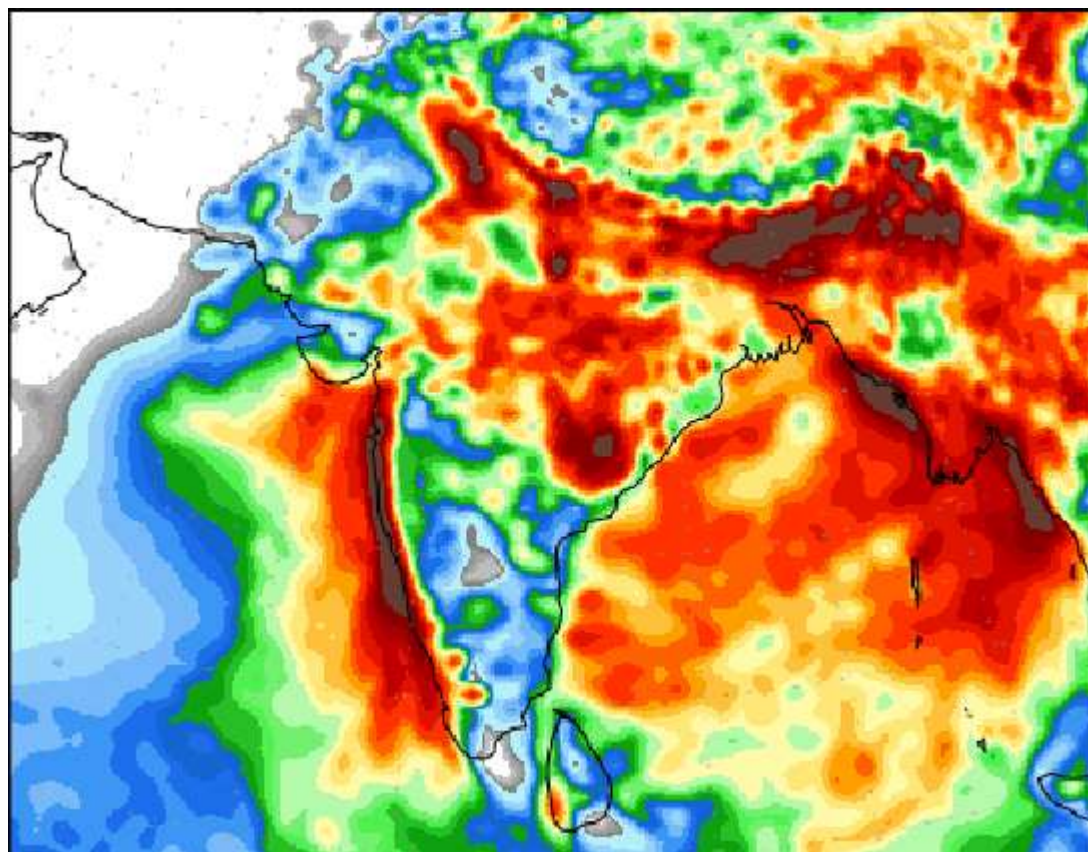
- Light rainfall observed in the past few days. The maximum and minimum temperatures were ranged between 32.0°C to 34°C and 25.3°C to 25.4°C, respectively.

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

- **Sali rice :** Farmers are advised to collect information on varieties, sources of seeds and seed selection.
- In Sugarcane crop, a light earthing up should be given to fill trenches/furrows within 45 to 60 days after planting. Spread of stem borer can be checked by burying/burning of infested canes.
- **Papaya :** Prepare pits of 45cm x 45cm x 45cm at a spacing of 1.8 m x 1.8 m. The recommended varieties are Washington, Ranchi, Halflong, Solo Papayas etc. Ensure proper drainage to drain excess water.



**Figure: 1. Latest available satellite picture as on 27 June 2018 at 10:30 Hrs (IST).**  
**(Source: IMD).**



**Figure: 2. Precipitation forecast for 26 June to 04 July 2018 (Source: NOAA NCEP)**