

All India Coordinated Research Project on Agrometeorology

CRIDA, Santoshnagar, Hyderabad – 500 059

Daily Crop Weather Information as on 02 July 2018

Attention: Rajiv Maheshwari, OSD, ICAR

Significant Weather Features (IMD)

- Consequently, rainfall activity is very likely to occur at most places with isolated heavy to very heavy rain falls over northern parts of Uttar Pradesh, Bihar, Punjab, Haryana, Chandigarh, Western Himalayan region and extremely heavy falls at isolated places over Sub-Himalayan West Bengal, Sikkim and north eastern states during next 3 days. Out of 36 Sub-divisions, 25 sub divisions has witness scattered rainfall yesterday.
- The images showing the latest satellite picture in figure. 1.

Main Weather Observations (IMD)

- Rainfall observed (from 08:30 hours IST to 08:30 hours IST of today): Rain/thundershowers observed at most places Arunachal Pradesh, Konkan & Goa, Coastal Karnataka, Bihar, Jharkhand, Sub Himalayan West Bengal & Sikkim and Lakashdweep; at many places over Uttarkhand, Assam & Meghalaya, Uttar Pradesh, Chhattisgarh, Vidarbha, Telangana, Kerala and Andaman & Nicobar Islands; at a few places over Himachal Pradesh, Punjab, Haryana, Chandigarh & Delhi, Gangetic West Bengal & Sikkim, East Madhya Pradesh, Odisha, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh and Tamilnadu & Puducherry; at isolated places over Jammu & Kashmir, East Rajasthan, Gujarat, Rayalaseema and Nagaland, Manipur, Mizoram & Tripura.
- **Maximum temperature departures as on 01-07-2018:** Maximum temperatures were appreciably above normal (3.1°C to 5.0°C) at isolated places over South Interior Karnataka, Tamilnadu & Puducherry, above normal (1.6°C to 3.0°C) at mostplaces over Jharkhand, Himachal Pradesh, Madhya Maharashtra, Marathawada, Gujarat, North Interior Karnataka and Kerala; at many places over Gangetic West Bengal, Konkan & Goa; at a few places over Odisha; at isolated places over Madhya Pradesh. They were appreciably below normal (3.1°C to 5.0°C) at many places over Jammu & Kashmir, Coastal Andhra Pradesh; at a few places over East Uttar Pradesh and Sub Himalayan West Bengal, Sikkim; below normal (1.6°C to - 3.0°C) at a few places over Haryana and Bihar; at isolated places over East Rajasthan, Assam, Meghalaya and near normal over rest of the country. Yesterday, the highest maximum temperature of 40°C recorded at Madurai (Tamilnadu & Puducherry).

- **Minimum temperature departures as on 02-07-2018** : Minimum temperatures are appreciably above normal (3.1°C to 5.0°C) at a few places over Jammu & Kashmir and Himachal Pradesh; above normal (1.6°C to 3.0°C) at most places over Punjab; at many places over Haryana, Chandigarh & Delhi, Uttrakhand and Gujarat; at a few places over East Uttar Pradesh, Madhya Pradesh and Vidarbha; at isolated places over Rajasthan, West Bengal & Sikkim, Assam & Meghalaya and Kerala. They are below normal (1.6°C to 3.0°C) at a few places over Chhattisgarh, Odisha, Tamilnadu & Puducherry, Lakshadweep and Andaman & Nicobar Islands; at isolated places over south Interior Karnataka and Coastal Andhra Pradesh and near normal over rest of the country.

Weather Warning during next 5 days (IMD)

- **02 July (Day 1)** : Heavy to very heavy rain at isolated places very likely over Uttrakhand , East Uttar Pradesh, over Sub Himalayan West Bengal, Sikkim, Bihar and Assam & Meghalaya; over Himachal Pradesh, West Uttar Pradesh, Arunachal Pradesh; over north Haryana & Chandigarh, Chhattisgarh, Jharkhand, Odisha, Nagaland, Manipur, Mizoram, Tripura, Konkan & Goa, Rayalaseema, Tamil Nadu , Lakshadweep and Coastal Karnataka.
- **03 July (Day 2)** : Heavy to very heavy rain at isolated places very likely over Assam & Meghalaya, East Uttar Pradesh, Sub Himalayan West Bengal, Sikkim, Bihar, Jammu & Kashmir, Himachal Pradesh, Uttrakhand, Punjab, north Haryana, Chandigarh, West Uttar Pradesh, Jharkhand, Arunachal Pradesh, Nagaland , Manipur, Mizoram, Tripura, Konkan & Goa, Rayalaseema, Coastal Karnataka and Tamil Nadu.
- **04 July (Day 3)** : Heavy to very heavy rain at isolated places very likely over Assam, Meghalaya, Konkan & Goa, Sub Himalayan West Bengal, Sikkim, Gujarat Region, Madhya Maharashtra and Coastal Karnataka.
- **05 July (Day 4)** : Heavy to very heavy rain at isolated places likely over Konkan & Goa ,Coastal Karnataka, Chhattisgarh, Odisha, Assam, Meghalaya, Gujarat Region, Madhya Maharashtra, Coastal Andhra Pradesh, Interior Karnataka and Kerala.
- **06 July (Day 5)** : Heavy to very heavy rain at isolated places likely over Odisha, Konkan & Goa and Coastal Karnataka, Vidarbha, Chhattisgarh, Gangetic West Bengal, Nagaland, Manipur, Mizoram, Tripura, Gujarat Region, Madhya Maharashtra, Marathawada, Coastal Andhra Pradesh, Telangana, Interior Karnataka and Kerala.
- The weather outlook for the period of seven days *i.e* 01 to 09 July 2018 forecasted (*Provided by Real-Time Weather Forecasts from NOAA/NCEP collected from <http://monsoondata.org/wx2/>*) rain/thundershower may occur over Uttar Pradesh, Bihar, Chhattisgarh, Odisha, Eastern Madhya Pradesh, North eastern States, western coastal regions and light to moderate rainfall in some parts of Western and Peninsular India. (Fig. 2).

Agricultural activities (AICRPAM-CRIDA)

Chhattisgarh

Weather condition

Light rainfall received in Chhattisgarh from 27 to 29 June, thereafter dry weather condition prevailed for the past few days in the state. The maximum temperature ranges from 32 to 34°C and minimum temperature ranges from 25 to 27 °C.

Contingency measure:

- Farmers are advised to start sowing of *kharif* crops like paddy, soybean, arhar, sesamum, maize. Seed treatment should be done before sowing.
- Fields should be well prepared for sowing of groundnut crop.
- Need based irrigation and intercultural operations should be done in tomato, brinjal, chilli, okra and other vegetable crops. Ready vegetable nursery should be transplanted .
- Vegetable growers are advised to arrange proper drainage facility in their field.

SAT :INSAT-3D IMG
IMG_TIR2 12.0 um
L1C Mercator (LINEAR STRETCH: 1.0%)

02-07-2018/10:00 GMT
02-07-2018/15:30 IST

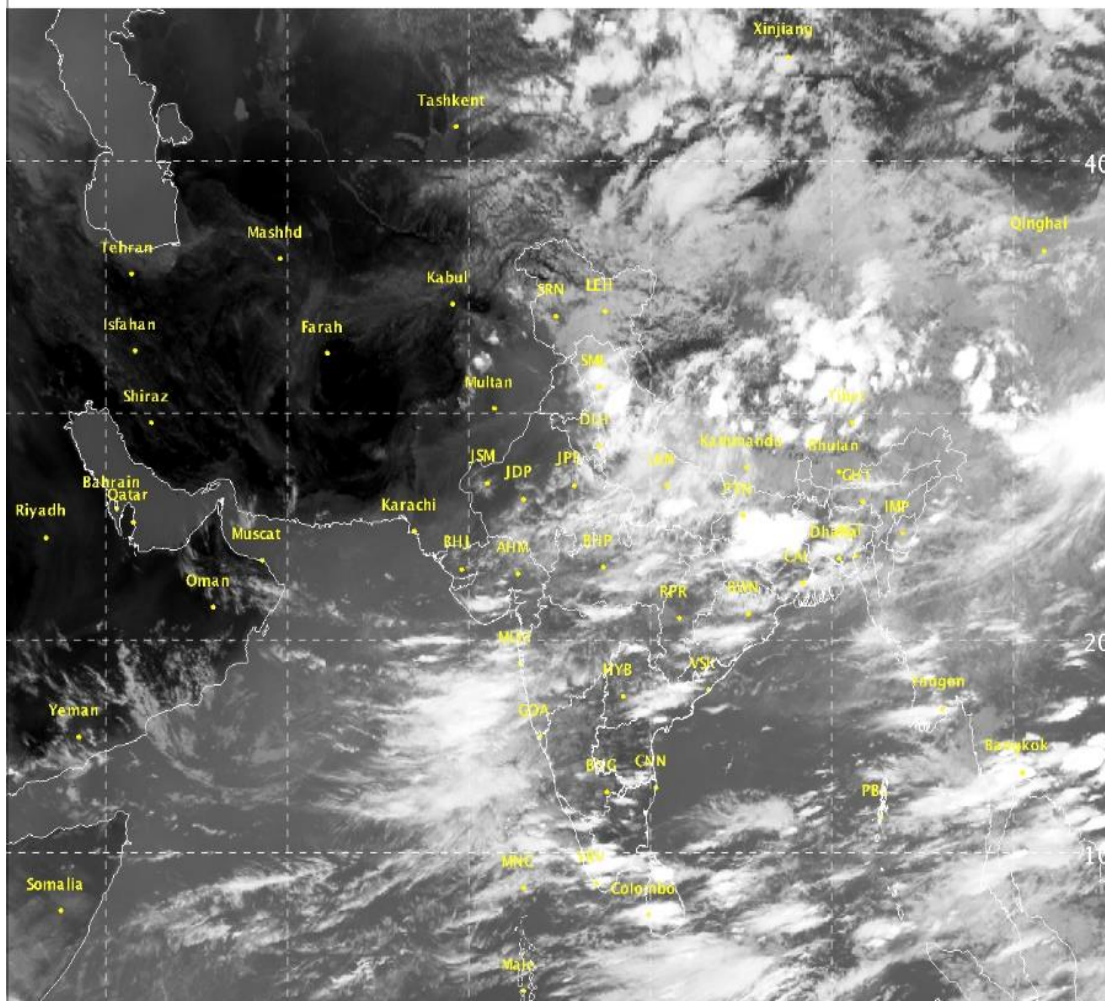


Figure: 1. Latest available satellite picture as on 02 July 2018 at 15:30 Hrs (IST)
(Source: IMD).

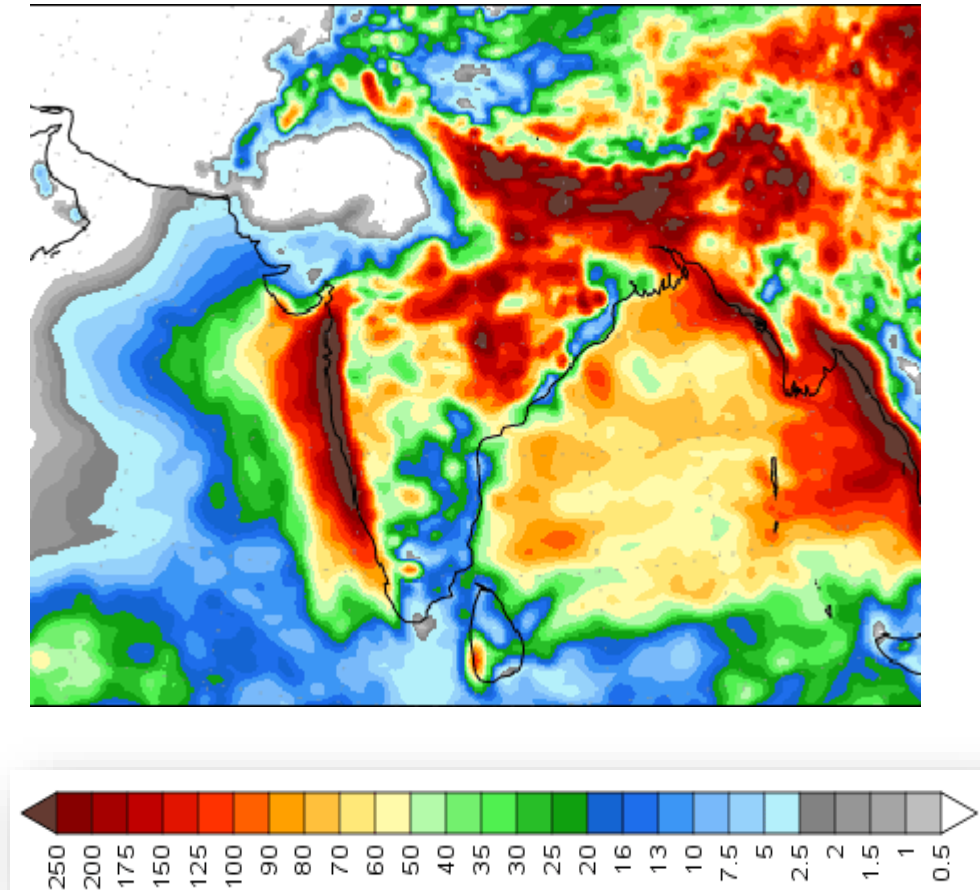


Figure: 2. Precipitation forecast for 01 to 09 July 2018 (Source: NOAA NCEP).