

All India Coordinated Research Project on Agrometeorology

CRIDA, Santoshnagar, Hyderabad – 500 059

Daily Crop Weather Information as on 02 November 2020

Attention: Rajiv Maheshwari, OSD, ICAR

Significant Weather Features (IMD)

- Under the influence of strengthening of northeasterly winds, rainfall activity is likely to increase and scattered to fairly widespread rain accompanied with isolated thunderstorm & lightning is likely over Tamil Nadu and Kerala from 04th November, 2020. Isolated Heavy rainfall is likely over Tamil Nadu during 04th-06th November; over Kerala during 03rd-05th November and over South Interior Karnataka on 04th & 05th November, 2020.
- Generally dry weather very likely to prevail over rest parts of the country during next 5 days.
- The images showing the latest satellite picture in the figure. 1.

Main Weather Observations (IMD)

- Rain/Thundershowers observed (from 0830 hours IST of yesterday to 0830 hours IST of today): at most places over Nagaland, Manipur, Mizoram & Tripura; at many places over Andaman & Nicobar Islands; at a few places over Coastal Karnataka and at isolated places over Arunachal Pradesh, Assam & Meghalaya, Gangetic West Bengal, Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh, Tamil Nadu, Puducherry & Karaikal, South Interior Karnataka and Kerala & Mahe.
- Thunderstorm observed (from 0830 hours IST of yesterday to 0830 hours IST of today): at isolated places over Nagaland, Manipur, Mizoram & Tripura.
- Maximum Temperature Departures as on 01-11-2020: Maximum temperatures were appreciably above normal (3.1°C to 5.0°C) at many places over Jharkhand and Coastal Andhra Pradesh & Yanam; at a few places over Odisha, Rayalaseema and Tamil Nadu, Puducherry & Karaikal; at isolated places over West Bengal & Sikkim; above normal (1.6°C to 3.0°C) at most places over South Interior Karnataka; at many places over Himachal Pradesh and Kerala & Mahe; at a few places over Telangana; at isolated places over Assam & Meghalaya, Uttarakhand, Vidarbha and Chhattisgarh. They were appreciably below normal (-3.1°C to -5.0°C) at isolated places over Jammu & Kashmir, Ladakh, Gilgit-Baltistan &

Muzaffarabad; below normal (-1.6°C to -3.0°C) at many places over West Uttar Pradesh and East Rajasthan; at a few places over Haryana, Chandigarh & Delhi; at isolated places over West Rajasthan, West Madhya Pradesh, Nagaland, Manipur, Mizoram & Tripura and Andaman & Nicobar Islands and near normal over rest parts of the country. Yesterday, the highest maximum temperature of 37.0°C was reported at Bulsar (Gujarat Region).

- Minimum Temperature Departures as on 02-11-2020: Minimum temperatures are markedly above normal (5.1°C or more) at isolated places over Sub-Himalayan West Bengal & Sikkim; appreciably above normal (3.1°C to 5.0°C) at most places over Assam & Meghalaya; at a few places over Odisha; above normal (1.6°C to 3.0°C) at most places over Gangetic West Bengal, Nagaland, Manipur, Mizoram & Tripura; at many places over Arunachal Pradesh, Jharkhand, Madhya Maharashtra, Marathwada and Andaman & Nicobar Islands; at a few places over Himachal Pradesh, Bihar, Coastal Andhra Pradesh & Yanam, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal; at isolated places over Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Madhya Pradesh and Konkan & Goa. They are below normal (-1.6°C to -3.0°C) at most places over Haryana, Chandigarh & Delhi; at a few places over East Uttar Pradesh, Rajasthan and Saurashtra & Kutch and near normal at rest part of the country. The lowest minimum temperature of 8.9°C reported at Hissar (Haryana) over the plains of the country.

Weather Warning during the next 5 days (IMD)

- 02 November (Day 1): Thunderstorm with lightning very likely at isolated places over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.
- 03 November (Day 2): Heavy rainfall very likely at isolated places over Kerala & Mahe. Thunderstorm with lightning very likely at isolated places over Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.
- 04 November (Day 3): Heavy rainfall very likely at isolated places over South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. Thunderstorm with lightning very likely at isolated places over Coastal & South Interior Karnataka, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.
- 05 November (Day 4): Heavy rainfall likely at isolated places over South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. Thunderstorm with lightning likely at isolated places over Coastal Andhra Pradesh & Yanam, Rayalaseema, Coastal & South Interior Karnataka, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.

- 06 November (Day 5): Heavy rainfall likely at isolated places over Tamil Nadu, Puducherry & Karaikal. Thunderstorm with lightning likely at isolated places over Coastal Andhra Pradesh & Yanam, Rayalaseema, Coastal & South Interior Karnataka, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.
- The weather outlook for seven days i.e., 02 to 10 November 2020 forecasted (Provided by Real-Time Weather Forecasts from NOAA/NCEP collected from <http://monsoondata.org/wx2/>) rain/thundershower may occur over Some parts of Extreme northern parts of India. (Fig. 2).

Agricultural activities (AICRPAM-CRIDA)

West Bengal

Weather condition:

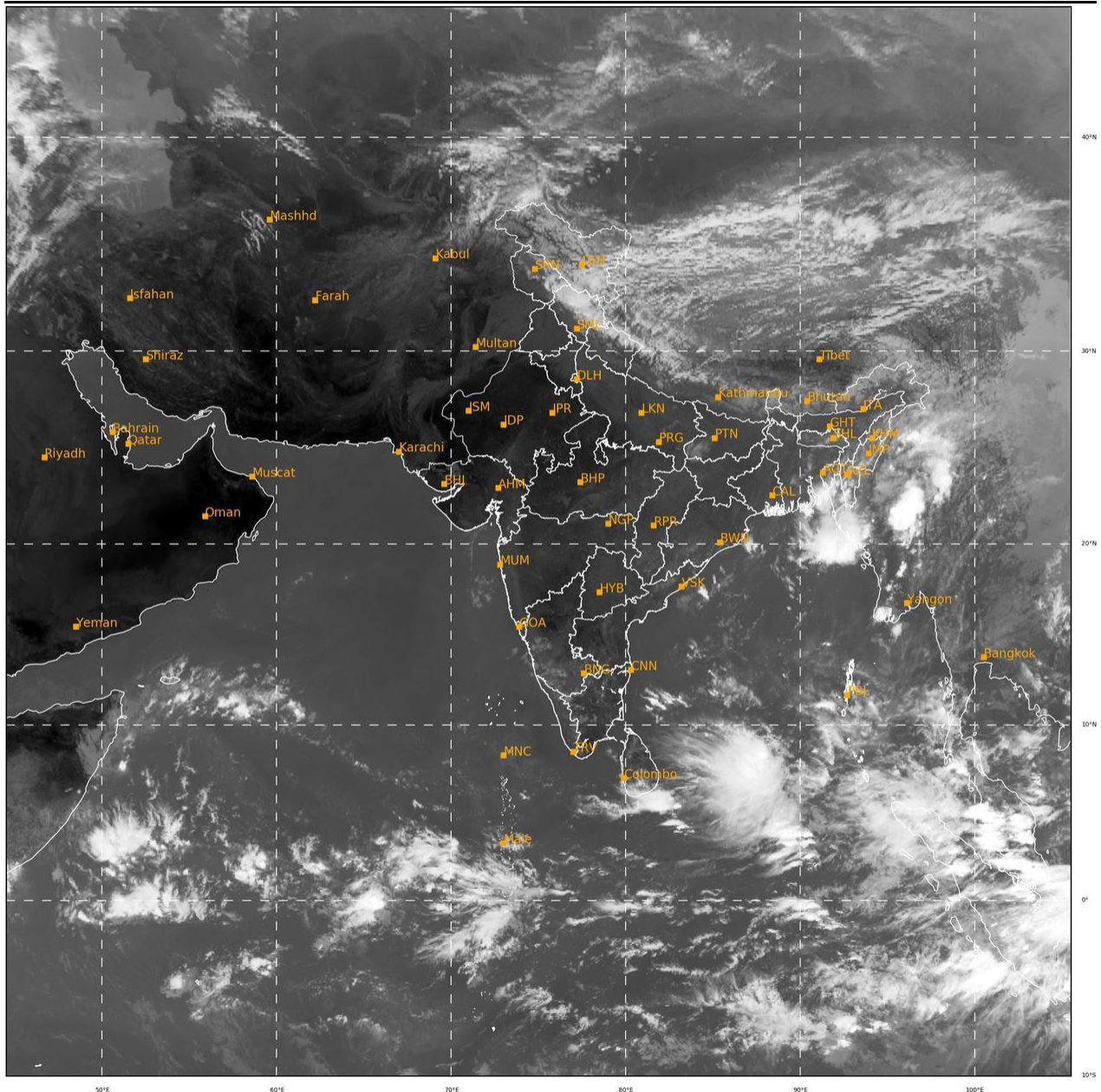
Weather conditions during the 43rd week at Mohanpur, West Bengal: Maximum temperature: 26.4.0 to 32.0 0C, minimum temperature: 20.0 to 25.2 0C, bright sun shine hours: 0.0 to 9.1 hours, Morning-time relative Humidity: 89 to 98 %, after noon-time R.H: 54 to 98%, weekly total pan evaporation: 13.1 mm, total weekly rainfall: 14.5 mm and average daily wind speed is around 1.6 km/h.

Contingency measure:

- Aman Rice: In this prevailing weather condition, there is a chance of spread of sheath blight. As a control spray Carbendazim @1.5 g/litre of water. In case of stem borer attack spray carbosulfan 25 EC @ 2ml/l or Profenphos 40% + Cypermethrin 4% @1ml/l of water.
- Chilli: Present temperature and humidity conditions are congenial for the rapid spread of thrips and mites leading to the leaf curling in chilli. As a control spray Difenthiuron @ 0.75g per litre of water at 7-10 days interval.
- Boro-rice: Start nursery bed preparation. Also start collecting seeds of improved varieties. Treat the seeds with mercurial pesticide. Soak the seeds in carbendazim mixed water (@ 1gm in 1.5 litre water) and dry under shade.
- Potato: Start preparation of land for planting of potato.
- Mustard: Start sowing improved varieties such as Varuna, Pusa Bold, etc. of mustard.
- Tomato: Farmers are advised to prepare nursery bed to raise seedling of tomato.;
- Okra: Constant monitoring of okra crop against the attack of fruit borer and white fly is advised. To control fruit borer, Spraying of Spinosad 1.0 ml/4 lit of water is advised, and to control whitefly, spraying of Imidacloprid 5.0/15 lit of water is advised.

SAT : INSAT-3D IMG
IMG_TIR1 10.8 um
LIC Mercator

02-11-2020/(0800 to 0826) GMT
02-11-2020/(1330 to 1356) IST



348

950

IMD, DELHI

Figure: 1. Latest available satellite picture as on 02 November 2020 at 1356 Hrs (IST). (Source: IMD).

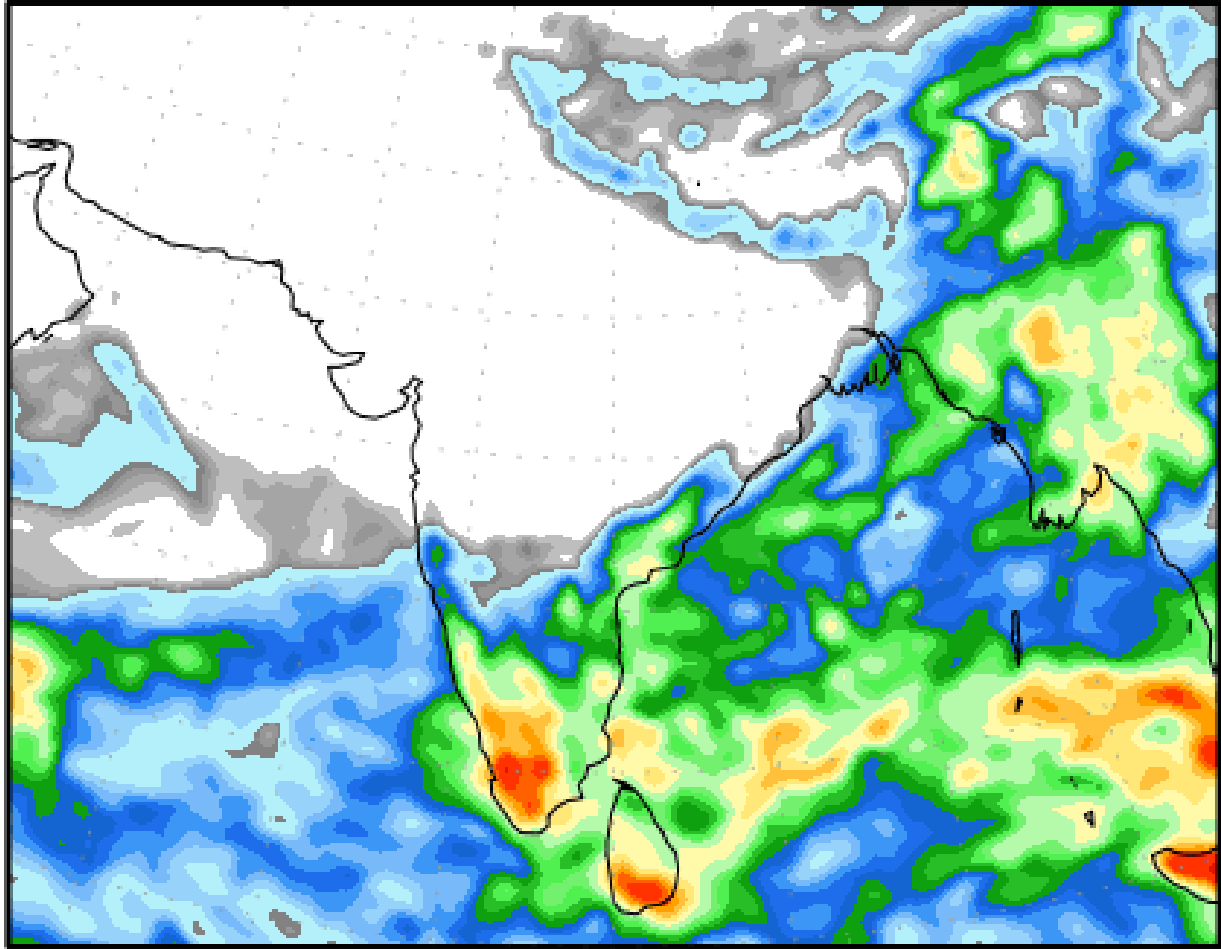


Figure:2. Precipitation forecast for 02 to 10 November 2020 (Source: NOAA NCEP).

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