

All India Coordinated Research Project on Agrometeorology

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Daily Crop Weather Information as on 23 October 2018

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Significant Weather Features (IMD)

- Northeast Monsoon rainfall is very likely to commence over southeast Peninsular India around 26th October, 2018.
- The low pressure area over southern parts of Myanmar and neighbourhood has become unimportant for the region.
- Heavy rainfall recorded at isolated places over Kerala from 0830 hrs IST of yesterday to 0830 hrs IST of today
- Thunderstorm observed at isolated places over Lakshadweep, Kerala and Tamilnadu & Puducherry from 1130 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 observed (from 0830 hours IST of yesterday to 0830 hours IST of today): Rain/thundershowers observed at many places over Kerala; at a few places over Tamilnadu & Puducherry, Andaman & Nicobar Islands and Lakshadweep; and at isolated places over Jharkhand, Chhattisgarh and Marathawada.
- Maximum temperature departures as on 22.10.2018: Maximum temperatures were appreciably above normal (3.1°C to 5.0°C) at most places over Marathawada; at many places over Vidarbha; at a few places over Telangana and Rayalaseema; and at isolated places over Assam & Meghalaya, Konkan & Goa, South Interior Karnataka and Saurashtra & Kutch; above normal (1.6°C to 3.0°C) at most places over Madhya Maharashtra, Coastal & South Interior Karnataka, Odisha, Gangetic West Bengal and Coastal Andhra Pradesh; at many places over Jharkhand, East Madhya Pradesh and Chhattisgarh; at a few places over Gujarat region, Bihar and Lakshadweep; and at isolated places over West Rajasthan, West Madhya Pradesh, Andaman & Nicobar Islands and Uttarakhand; They were below normal (1.6°C to 3.0°C) at isolated places

over Jammu & Kashmir, Punjab, Himachal Pradesh, East Rajasthan and Haryana, Chandigarh & Delhi.

- The highest maximum temperature of 39.0°C was recorded at Bhuj Rudramata (Kutch) over plains of the country.
- Minimum temperature departures as on 23.10.2018: Minimum temperature are above normal (1.6°C to 3.0°C) at a few places over West Rajasthan; and at isolated places over Saurashtra & Kutch, Madhya Maharashtra, Vidarbha, Odisha, Chhattisgarh, Jharkhand, Telangana and Interior Karnataka; They are below normal (1.6°C to 3.0°C) at many places over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, and Haryana, Chandigarh & Delhi; at a few places over Rayalaseema, North Interior Karnataka and Tamilnadu & Puducherry; and at isolated places over Uttar Pradesh, Madhya Pradesh, Gujarat region, Punjab and Assam & Meghalaya and near normal over rest of the country.
- The lowest minimum temperature of 11.6°C are recorded at Churu (West Rajasthan) over plains of the country.

Weather Warning during next 5 days (IMD)

- 23 October (Day 1): Heavy rain likely at isolated places over Kerala. Thunderstorm accompanied with lightning & gusty winds very likely at isolated places over Kerala and Tamilnadu & Puducherry.
- 24 October (Day 2): No weather warning.
- 25 October (Day 3): No weather warning.
- 26 October (Day 4): Heavy rain likely at isolated places over Tamilnadu & Puducherry.
- 27 October (Day 5): Heavy rain likely at isolated places over Tamilnadu & Puducherry.
- The weather outlook for the period of seven days *i.e* 23 to 29 October 2018 forecasted (*Provided by Real-Time Weather Forecasts from NOAA/NCEP collected from <http://monsoondata.org/wx2/>*) rain/thundershower may occur over Jharkhand, Chhattisgarh, Marathawada, Kerala, Tamilnadu & Puducherry, Lakshadweep, Andaman & Nicobar Islands and North Eastern States. (Fig. 2).

Agricultural activities (AICRPAM-CRIDA)

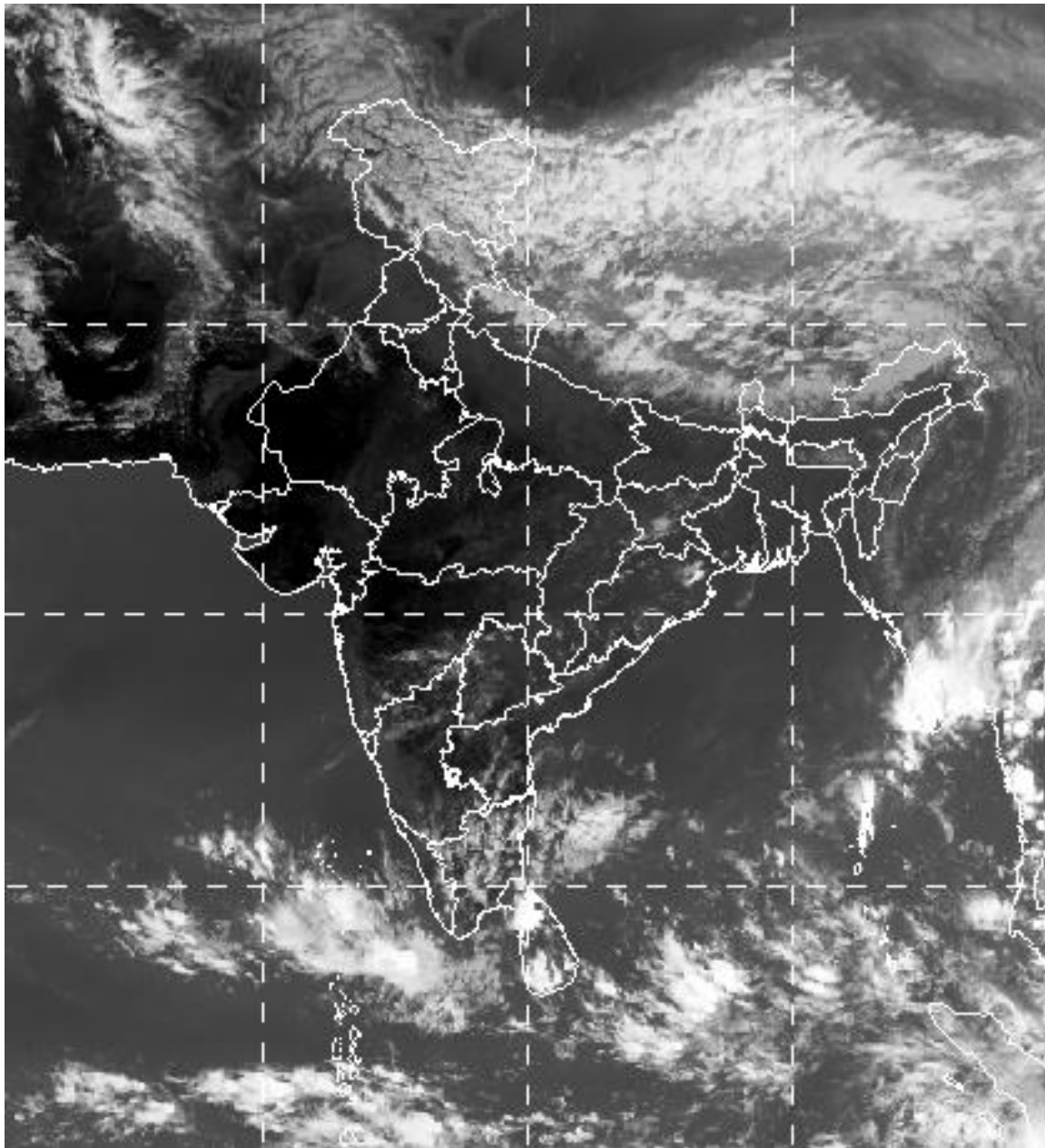
Kerala

Weather condition

Light rainfall received in Kerala state during past few days. Maximum temperature ranges from 30.4 to 33.8°C and minimum temperature ranges from 22.2 to 24.5 °C.

Contingency measure:

- Coconut: Rhinoceros beetle. After thorough cleaning of the crown region, apply cartap hydrochloride 4G @ 20 g mixed with fine sand 200 g to the inner most leaf axils surrounding the spindle leaf or a mixture of fipronil 0.3 G @ 20 g and fine sand @ 200 g to the inner most leaf axils. This application has to be repeated thrice a year. (January, May and September/ October) for better results.
- Banana: Spodoptera. Destroy the affected leafs along with the spodoptera. For severe attack spray quinalphos 2ml per one litre of water or chlorantraniliprole 3 ml/10 litre of water.
- Vegetables: This is the best time to sow cabbage and cauliflower seeds in the nursery beds. Addition of pseudomonas culture to the soil at the time of planting of cabbage and cauliflower will help to reduce fungal diseases.



**Figure: 1. Latest available satellite picture as on 23 October 2018 at 0230 Hrs (IST).
(Source: IMD).**

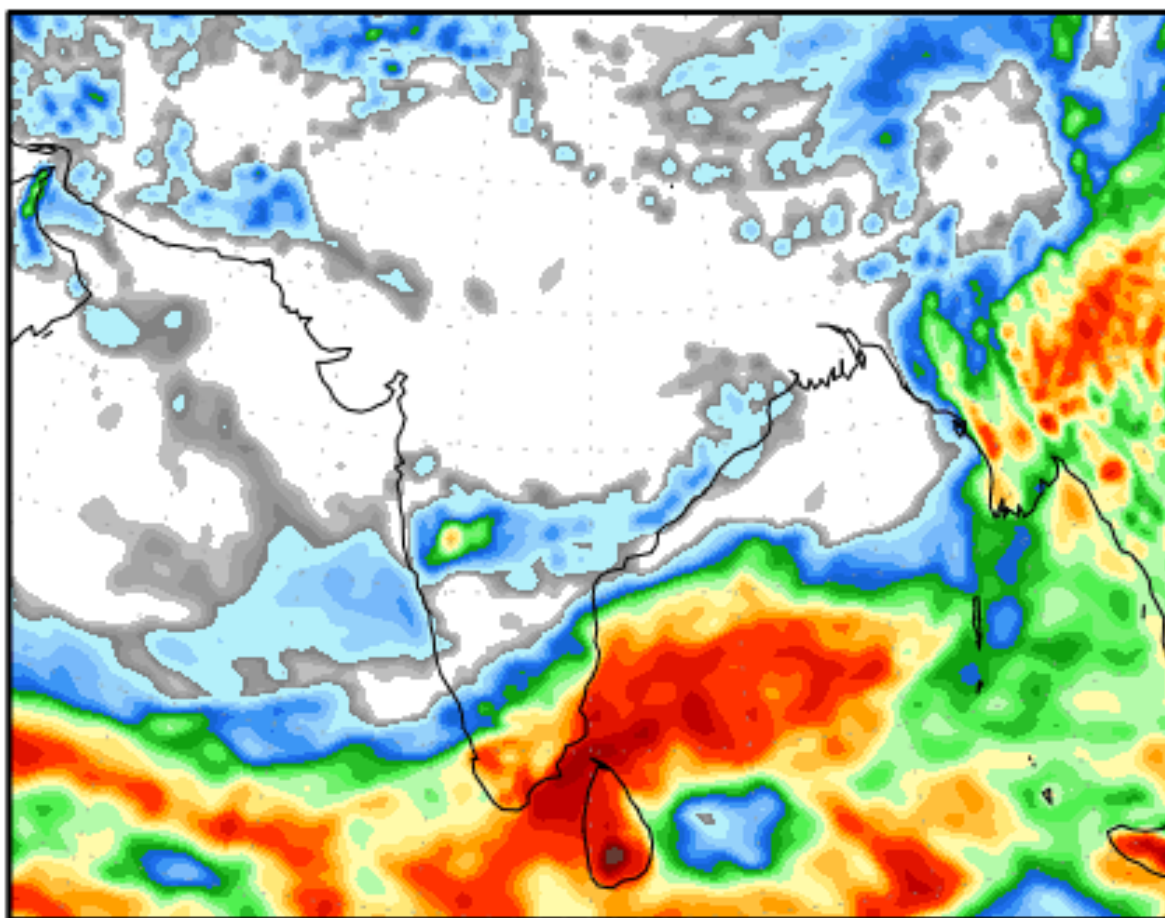


Figure: 2. Precipitation forecast for 23 to 29 October 2018 (Source: NOAA NCEP).