

All India Coordinated Research Project on Agrometeorology

CRIDA, Santoshnagar, Hyderabad – 500 059

Daily Crop Weather Information as on 26 November 2019

Attention: Rajiv Maheshwari, OSD, ICAR

Significant Weather Features (IMD)

- The Western Disturbance lies as a cyclonic circulation over Afghanistan & neighbourhood between 3.1 & 3.6 km above mean sea level with a trough aloft in mid & upper tropospheric levels with its axis at 5.8 km above mean sea level roughly along Long. 65°E to the north of Lat. 20°N. Under its influence, thunderstorm/hailstorm accompanied with lightning at isolated places is likely over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab and Haryana, Chandigarh & Delhi on 26th & 27th November.
- Under the influence of active easterly wave conditions over south peninsula, scattered to fairly widespread rainfall with isolated heavy falls very likely over Tamilnadu, Puducherry & Karaikal during the forecast period.
- Dense fog very likely at isolated pockets over Odisha and South Assam & Meghalaya during morning hours of next 2-3 days.
- The images showing the latest satellite picture in figure. 1.

Main Weather Observations (IMD)

- Rain/Thundershowers observed (from 0830 hours IST to 1730 hours IST of today): at a few places over Punjab and Himachal Pradesh and at isolated places over Uttarakhand, Haryana, Chandigarh & Delhi, West Rajasthan and Tamilnadu & Puducherry & Karaikal. Rainfall recorded at 1730 hours IST of today (1 cm or more) are: Patiala-4; Ambala-1. Visibility recorded at 1730 hours IST of today (500m or less): Kalpa and Ganganagar-200 each; Shillong, Gazipur, Fursatganj and Haflong-500 each. Thunderstorm observed (from 0830 hours IST to 1730 hours IST of today): at isolated places over West Rajasthan, Punjab and Haryana, Chandigarh & Delhi.
- Maximum Temperature Departures as on 26-11-2019: Maximum temperatures are appreciably above normal (3.1°C to 5.0°C) at many places over Jharkhand; at a few places over East Madhya Pradesh; above normal (1.6°C to 3.0°C) at most places over Kerala & Mahe; at many places over West Uttar Pradesh, Assam & Meghalaya,

Nagaland, Manipur, Mizoram & Tripura, Coastal Karnataka and Lakshadweep; at a few places over East Uttar Pradesh and Vidarbha; at isolated places over West Madhya Pradesh, Gangetic West Bengal, Konkan & Goa and Andaman & Nicobar Islands. They are markedly below normal (-5.1°C or less) at isolated places over Punjab and West Rajasthan; appreciably below normal (-3.1°C to -5.0°C) at isolated places over Himachal Pradesh; below normal (-1.6°C to -3.0°C) at many places over Jammu & Kashmir; at a few places over Haryana, Chandigarh & Delhi; at isolated places over Madhya Maharashtra and near normal over rest parts of the country. The highest maximum temperature of 37.6°C recorded at Mangalore (Coastal Karnataka).

- Minimum Temperature Departures as on 26-11-2019: Minimum temperatures are appreciably above normal (3.1°C to 5.0°C) at most places over Punjab; at many places over Haryana, Chandigarh & Delhi, East Rajasthan, Gujarat state and West Madhya Pradesh; at a few places over Bihar and North Interior Karnataka and at isolated places over Jammu & Kashmir, West Rajasthan, Uttarakhand, East Madhya Pradesh, Jharkhand, East Uttar Pradesh, Telangana, Kerala & Mahe and Tamilnadu, Puducherry & Karaikal; above normal (1.6°C to 3.0°C) at most places over Lakshadweep, East Rajasthan West Bengal; at many places over West Bengal & Sikkim, Chhattisgarh, and Andaman & Nicobar Islands; at a few places over Arunachal Pradesh, Assam & Meghalaya and Madhya Maharashtra and at isolated places over Odisha, Vidarbha, Marathwada and Coastal Andhra Pradesh and near normal over rest parts of the country. The lowest minimum temperature of 9.8°C recorded at Amritsar (Punjab) over plains of the country.

Weather Warning during next 5 days (IMD)

- 26 November (Day 1): Heavy Rainfall very likely at isolated places over Tamilnadu, Puducherry & Karaikal. Thunderstorm/hailstorm accompanied with lightning very likely at isolated places over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab and Haryana, Chandigarh & Delhi. Thunderstorm accompanied with lightning very likely at isolated places over Tamilnadu, Puducherry & Karaikal. Dense fog very likely in isolated pockets over Odisha and Assam & Meghalaya during morning hours. Squally wind (speed reaching 40-50 kmph) very likely to prevail over comorin area and (speed reaching 40-50 kmph gusting 60 kmph) over southwest Arabian Sea off Somalia coast.
- 27 November (Day 2): Heavy Rain/snow very likely at isolated places over Jammu & Kashmir, Himachal Pradesh and Uttarakhand. Heavy Rainfall very likely at isolated places over Tamilnadu, Puducherry & Karaikal. Thunderstorm/hailstorm accompanied with lightning very likely at isolated places over Jammu & Kashmir,

Himachal Pradesh, Uttarakhand, Punjab and Haryana, Chandigarh & Delhi. Thunderstorm accompanied with lightning very likely at isolated places over Tamilnadu, Puducherry & Karaikal. Dense fog very likely in isolated pockets over Odisha and Assam & Meghalaya during morning hours.

- 28 November (Day 3): Heavy Rainfall very likely at isolated places over Tamilnadu, Puducherry & Karaikal. Thunderstorm accompanied with lightning very likely at isolated places over Tamilnadu, Puducherry & Karaikal. Dense fog very likely in isolated pockets over Odisha during morning hours.
- 29 November (Day 4): Heavy Rainfall likely at isolated places over Tamilnadu, Puducherry & Karaikal. Thunderstorm accompanied with lightning likely at isolated places over Tamilnadu, Puducherry & Karaikal.
- 30 November (Day 5): Heavy Rainfall likely at isolated places over Tamilnadu, Puducherry & Karaikal. Thunderstorm accompanied with lightning likely at isolated places over Tamilnadu, Puducherry & Karaikal.
- The weather outlook for the period of seven days i.e., 25 Nov to 03 Dec 2019 forecasted (Provided by Real-Time Weather Forecasts from NOAA/NCEP collected from <http://monsoondata.org/wx2/>) rain/thundershower may occur over Some parts of South Peninsular India. (Fig. 2).

Agricultural activities (AICRPAM-CRIDA)

Madhya Maharashtra

Weather condition:

Clear sky with periodic cloudy situation prevailed over Madhya Maharashtra region during last few days.

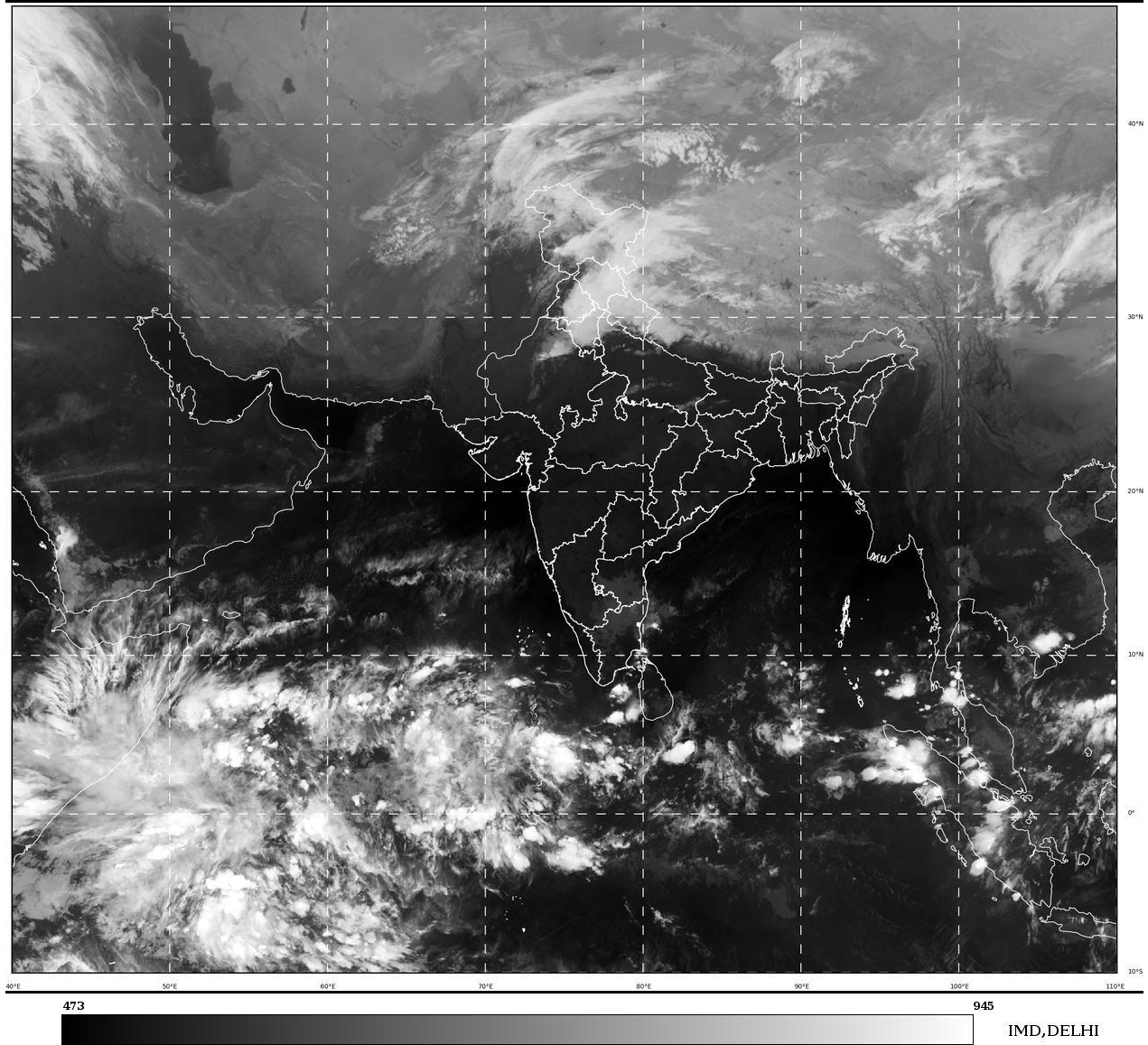
Contingency measure:

- For control of sucking pest on Pomegranate, Custard apple and Ber, spray Rogor (Dimethoate)@1.5 ml per litre of water.
- For the control of Alternaria leaf spot and leaf eating caterpillar of safflower, spray Carbendazim+ Mancozeb combine fungicide @200 gm+ Cypermethrin @15 ml per 10 lit. of water.
- For control of blight disease of onion, spray Copper oxychloride 4 gm per liter of water.
- Methyl eugenol traps should be used for control of fruitfly of Guava.
- For control of sucking pests (whitefly, jassids) on rabi crops like sorghum, sunflower, safflower, spray 15 ml of Dimethioate or Methyl Demetonin 10 lit of water.

Vijay and Digvijay variety of chickpea should be used for sowing in dryland area.

SAT : INSAT-3DR IMG
IMG_TIR2 12.0 um
LIC Mercator

26-11-2019/(1545 to 1612) GMT
26-11-2019/(2115 to 2142) IST



**Figure: 1. Latest available satellite picture as on 26 November 2019 at 2030 Hrs (IST).
(Source: IMD).**

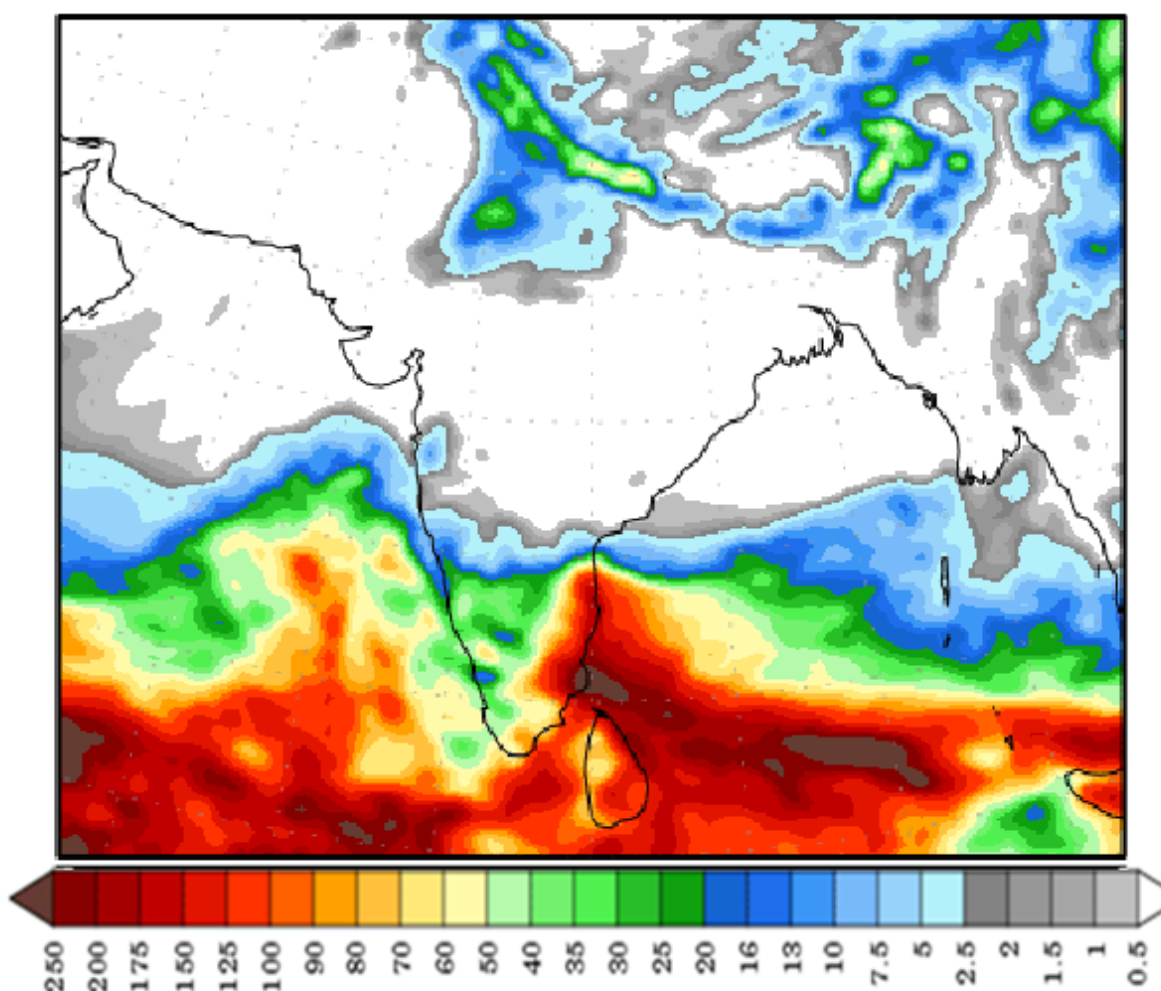


Figure:2. Precipitation forecast for 26 November to 04 December 2019 (Source: NOAA NCEP). *Disclaimer: The predictability of weather depends on many factors which are dynamic in nature. The success of Agromet advisories provided here depends on the accuracy of the forecasts. In no event will India Meteorological Department (IMD) and Indian Council of Agricultural Research (ICAR) be liable to the user or to any third party for any direct, indirect, incidental, consequential, special or exemplary damages or lost profit resulting from any use or misuse of the information on this bulletin.*