

All India Coordinated Research Project on Agrometeorology

CRIDA, Santoshnagar, Hyderabad – 500 059

Daily Crop Weather Information as on 03 December 2018

Attention: Rajiv Maheshwari, OSD, ICAR

Significant Weather Features (IMD)

- Fresh easterly wave activity is likely to commence from today onwards and enhance the rainfall over South Peninsular India from 4th December. Isolated heavy rainfall is likely over parts of Tamilnadu on 3rd, 4th & 6th December; over south Coastal Andhra Pradesh and Rayalaseema on 4th; over South Interior Karnataka on 5th December and over Kerala on 5th & 6th December.
- Squally weather very likely to prevail over southeast Arabian Sea during next 24 hours and over southwest Bay of Bengal off Tamilnadu- south Andhra Pradesh coasts on 4th December. Fishermen are advised not to venture into these areas on the respective dates.
- No active western disturbance is likely to affect western Himalayan region during next 4-5 days; resulting in westerly/northwesterly flow over northern India. Under this scenario, gradual climatological fall in minimum temperatures are likely over northwest and adjoining west, central and east India, no significant change likely over rest parts of the country during next 4-5 days.
- Very Dense fog observed at isolated places over Himachal Pradesh. Visibility:- Sundarnagar-25M at 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 a few places over Andaman & Nicobar Islands and at isolated places over Arunachal Pradesh, Assam & Meghalaya, Sikkim, Tamilnadu and Kerala.
- Maximum temperature departures as on 02-12-2018: Maximum temperatures were appreciably above normal (3.1°C to 5.0°C) at isolated places over Jammu & Kashmir and West Rajasthan; above normal (1.6°C to 3.0°C) at a few places over Haryana, Chandigarh & Delhi and Rayalaseema; at isolated places over Himachal Pradesh, East

Rajasthan, Madhya Pradesh, Vidarbha, Saurashtra & Kutch, Assam & Meghalaya, Coastal & South Interior Karnataka, Kerala and Tamilnadu & Puducherry. They were below normal (-1.6°C to -3.0°C) at isolated places over Sub-Himalayan West Bengal & Sikkim and near normal over rest parts of the country.

- Yesterday, the highest maximum temperature of 35.6°C was recorded at Karwar (Coastal Karnataka) over the plains of the country.
- Minimum temperature departures as on 03-12-2018: Minimum temperatures are above normal (1.6°C to 3.0°C) at many places over West Madhya Pradesh; at isolated places over West Rajasthan, Gujarat, East Madhya Pradesh, Jharkhand, West Bengal & Sikkim, North Eastern States, Rayalaseema, Tamilnadu & Puducherry, Kerala and Andaman & Nicobar Islands. They are below normal (-1.6°C to -3.0°C) at isolated places over East Rajasthan, Konkan & Goa and South Interior Karnataka and near normal over rest of the country.
- The lowest minimum temperature of 5.7°C recorded at Bhilwara (East Rajasthan) over the plains of the country.

Weather Warning during next 5 days (IMD)

- 03 December (Day 1): Heavy rain very likely at isolated places over Coastal Tamilnadu & Puducherry. Squally weather very likely to prevail over southeast Arabian Sea. Fishermen are advised not to venture into this area. Dense fog at isolated places very likely over Himachal Pradesh in the morning hours.
- 04 December (Day 2): Heavy rain very likely at isolated places over south Coastal Andhra Pradesh, Rayalaseema and Tamilnadu & Puducherry. Squally weather very likely to prevail over southwest Bay of Bengal off Tamilnadu-south Andhra Pradesh coasts. Fishermen are advised not to venture into this area. Dense fog at isolated places very likely over Himachal Pradesh in the morning hours.
- 05 December (Day 3): Heavy rain very likely at isolated places over South Interior Karnataka and Kerala.
- 06 December (Day 4): Heavy rain likely at isolated places over South Tamilnadu and Kerala.
- 07 December (Day 5): No weather warning.
- The weather outlook for the period of seven days *i.e.* 03 to 10 December 2018 forecasted (*Provided by Real-Time Weather Forecasts from NOAA/NCEP collected from <http://monsoondata.org/wx2/>*) rain/thundershower may occur at a few places over Kerala, Tamilnadu & Puducherry, Andaman & Nicobar Islands and North Eastern States. (Fig. 2).

Agricultural activities (AICRPAM-CRIDA)

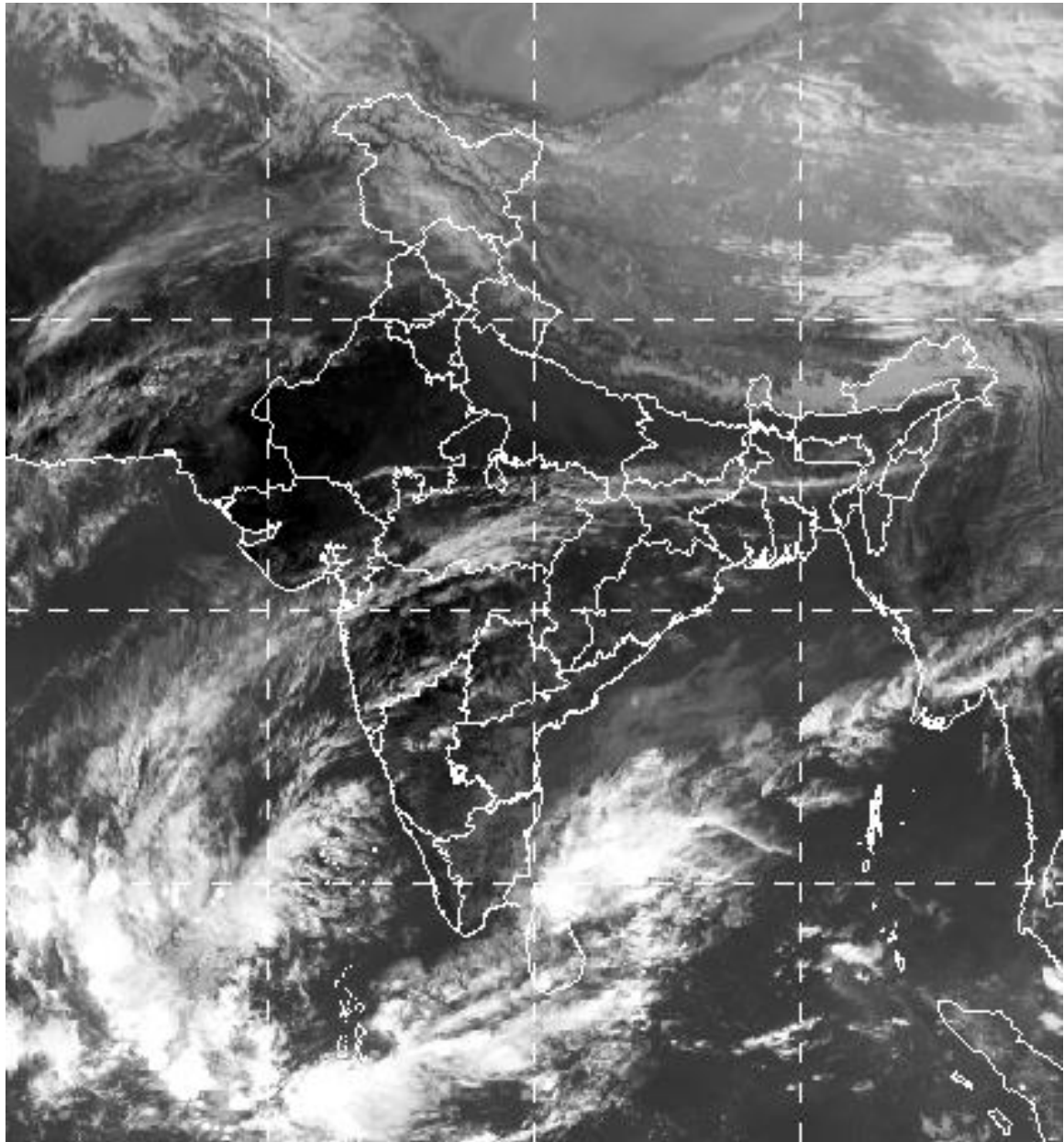
Eastern Uttar Pradesh

Weather condition

Dry weather prevailed in Eastern Uttar Pradesh region of Uttar Pradesh state during past few days.

Contingency measure:

- Keeping weather forecast in view, farmers of the dist of eastern U.P. are advised for Paddy harvesting of long duration varieties of paddy, Storage of seeds at 14% moisture, in paddy fields, 20 kg/ha may be mixed for proper decomposition of paddy straw/roots for better pulverization of field for wheat sowing.
- Sowing of wheat with improved varieties such as HUW-234, NW-1012, HUW-206, PVW-373, UP-2003 BY USING SEEDS @ 100 Kg/Ha Maize - Storage of seeds at 14% moisture, sowing of rabi maize with improved hybrid varieties such as Ganga-11, Deccan 103, Decaan-105, High starch and composite varieties such as Dhawan, varsa
- Vegetables: Earthing followed by light irrigation in potato, in any case irrigation should not be more than 2/3rd height of ridges in potato, Transplanting of late cauliflower and cabbage at 45x45 cm spacing, nursery raising of rabi onion with improved varieties pusa red or agrofound light red should be done.



**Figure: 1. Latest available satellite picture as on 03 December 2018 at 0230 Hrs (IST).
(Source: IMD).**

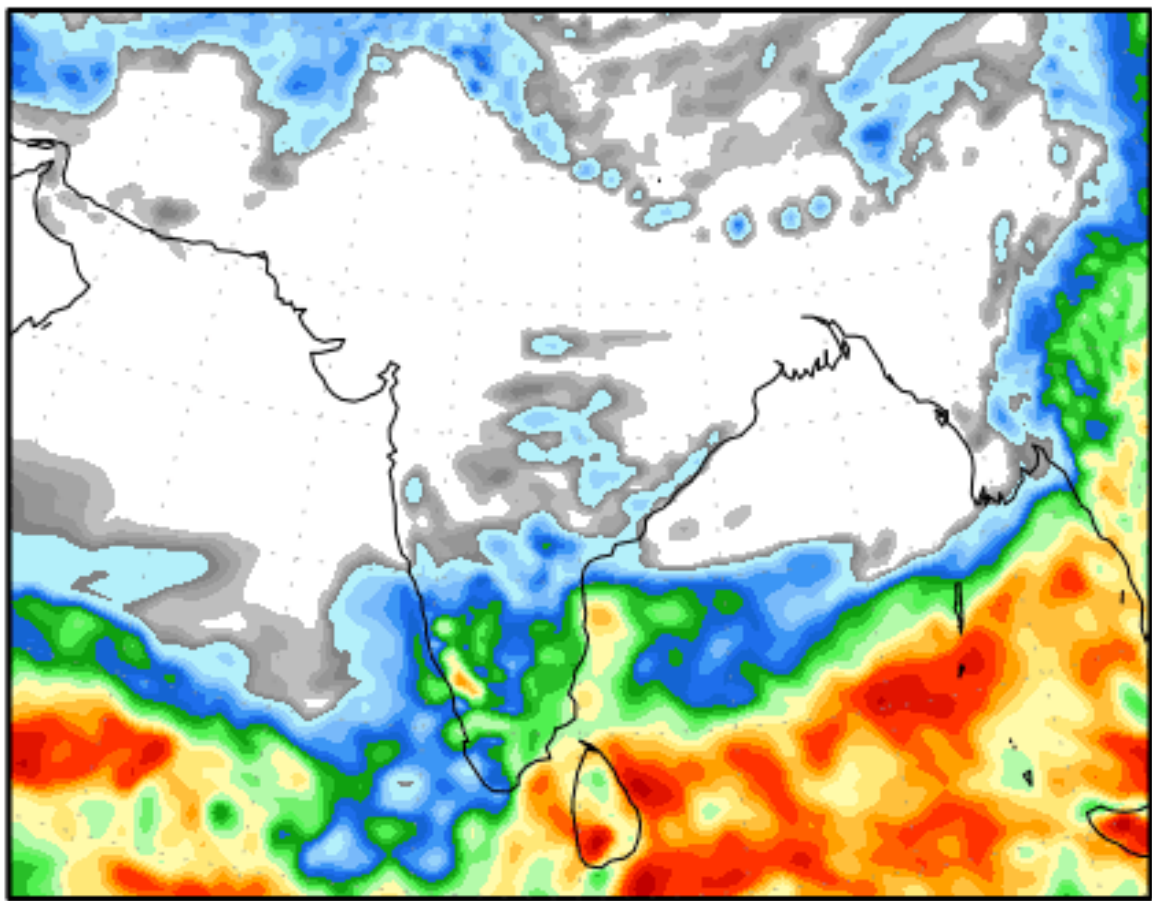




Figure: 2. Precipitation forecast for 03 to 10 December 2018 (Source: NOAA NCEP).