

All India Coordinated Research Project on Agrometeorology

CRIDA, Santoshnagar, Hyderabad – 500 059

Daily Crop Weather Information as on 01 March 2018

Attention: Rajiv Maheshwari, OSD, ICAR

Significant Weather Features (IMD)

- Under the influence of current western disturbance, fairly widespread to widespread rain/snow very likely over Western Himalayan Region during next 3 - 4 days. Isolated thunderstorm accompanied with hail is very likely over western Himalayan region, Punjab, Haryana and north Rajasthan on 3rd & 4th March. Isolated thunderstorm accompanied with hail very likely over northeastern States on 02nd & 3rd March, 2018.
- Heat wave conditions were prevailing at a few places over coastal areas of Saurashtra and at isolated places over Konkan.
- Seasonal outlook for the temperature during March to May 2018: During the 2018 Pre Monsoon Season (March to May), Warmer than normal temperatures are likely in all Meteorological Subdivision of the Country. Seasonal (March to May) average temperatures over many of the Subdivisions from northwest and neighboring Central India are likely to be above normal by more than 1.0°C. Normal to above normal Heat wave conditions are likely over core heat wave zone of the Country.
- The images showing the latest satellite picture in figure. 1.

Main Weather Observations (IMD)

- At isolated places over Jammu & Kashmir, Arunachal Pradesh, Kerala and Tamilnadu & Puducherry. Amount of rainfall recorded at 0830 hours IST of today (1 cm or more) are; Cochin and Kodaikanal-1 each.
- Maximum temperatures were markedly above normal (5.1°C or more) at most places over west Rajasthan; at many places over Jammu & Kashmir, Himachal Pradesh, East Rajasthan ; at a few places over Haryana, Chandigarh & Delhi; appreciably above normal (3.1°C to 5.0°C) at most places over West Uttar Pradesh, West Madhya Pradesh, Chhattisgarh, Gujarat, Konkan & Goa and Vidarbha; at many places over Arunachal Pradesh and Coastal Karnataka; at a few places over East Uttar Pradesh; above normal (1.6°C to 3.0°C) at most places over Coastal Andhra Pradesh, Marathwada, Telangana and Kerala; at many places over Nagaland, Manipur, Mizoram & Tripura Gangetic West Bengal & Sikkim, Odisha, Madhya Maharashtra, Rayalaseema, south interior Karnataka; at a few places over Assam & Meghalaya and Tamilnadu & Puducherry; at isolated places over East Madhya Madhya Pradesh and Andaman & Nicobar islands and near normal over rest parts of the country.

Yesterday, the highest maximum temperature of 38.2°C recorded at Akola (Vidharbha) in the plains of the country.

- Minimum temperatures are; below normal (1.6°C to 3.0°C) at many places over Chhattisgarh and Rayalaseema; at isolated places over Coastal & South interior Karnataka and Telangana. They are markedly above normal (5.1°C or more) at most places over Jammu & Kashmir and West Rajasthan; at many places over East Rajasthan; at a few places over Gujarat and West Madhya Pradesh; appreciably above normal (3.1°C to 5.0°C) at most places over Sub Himalayan West Bengal & Sikkim; at many places over Himachal Pradesh, Uttar Pradesh, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura. above normal (1.6°C to 3.0°C) at most places over Gangetic West Bengal; at many places over Bihar, Jharkhand, Vidarbha, Madhya Maharashtra and Andaman & Nicobar Islands; at a few places over Kerala and Tamilnadu & Puducherry and Isolated places over Konkan & Goa, Odisha and near normal over rest parts of the country. Lowest minimum temperature of 10.5°C recorded at Nandurbar (Madhya Maharashtra) in the plains of the Country.

Weather Warning during next 5 days (IMD)

- 01 March (Day 1): Thunderstorm accompanied with hail very likely at isolated places over sub Himalayan West Bengal & Sikkim.
- 02 March (Day 2): Heavy Rain very likely at isolated places over Arunachal Pradesh.
- Thunderstorm accompanied with hail very likely at isolated places over sub Himalayan west Bengal & Sikkim, Arunachal Pradesh and Assam & Meghalaya.
- 03 March (Day 3): Heavy Rain very likely at isolated places over Arunachal Pradesh. Thunderstorm accompanied with hail very likely at isolated places over Jammu division of Jammu & Kashmir, Punjab, Arunachal Pradesh, Mizoram, Tripura and Assam & Meghalaya.
- 04 March (Day 4): Thunderstorm accompanied with hail very likely at isolated places over Jammu division of Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Haryana, Punjab, West Uttar Pradesh and north Rajasthan.
- 05 March (Day 5): No weather warning.
- The weather outlook for the period of seven days i.e 01 March to 09 March 2018 forecasted (*Provided by Real-Time Weather Forecasts from NOAA/NCEP collected from <http://monsoondata.org/wx2/>*) rain/thundershower may occur over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Uttar Pradesh, Sub Himalayan West Bengal & Sikkim, Jharkhand, Madhya Pradesh, Odisha, Chhattisgarh, Maharashtra, Telangana, Andhra Pradesh, Karnataka, Kerala, Tamilnadu & Puducherry, Lakshadweep, Andaman & Nicobar Islands and North Eastern States. (Fig. 2).

Agricultural activities (AICRPAM-CRIDA)

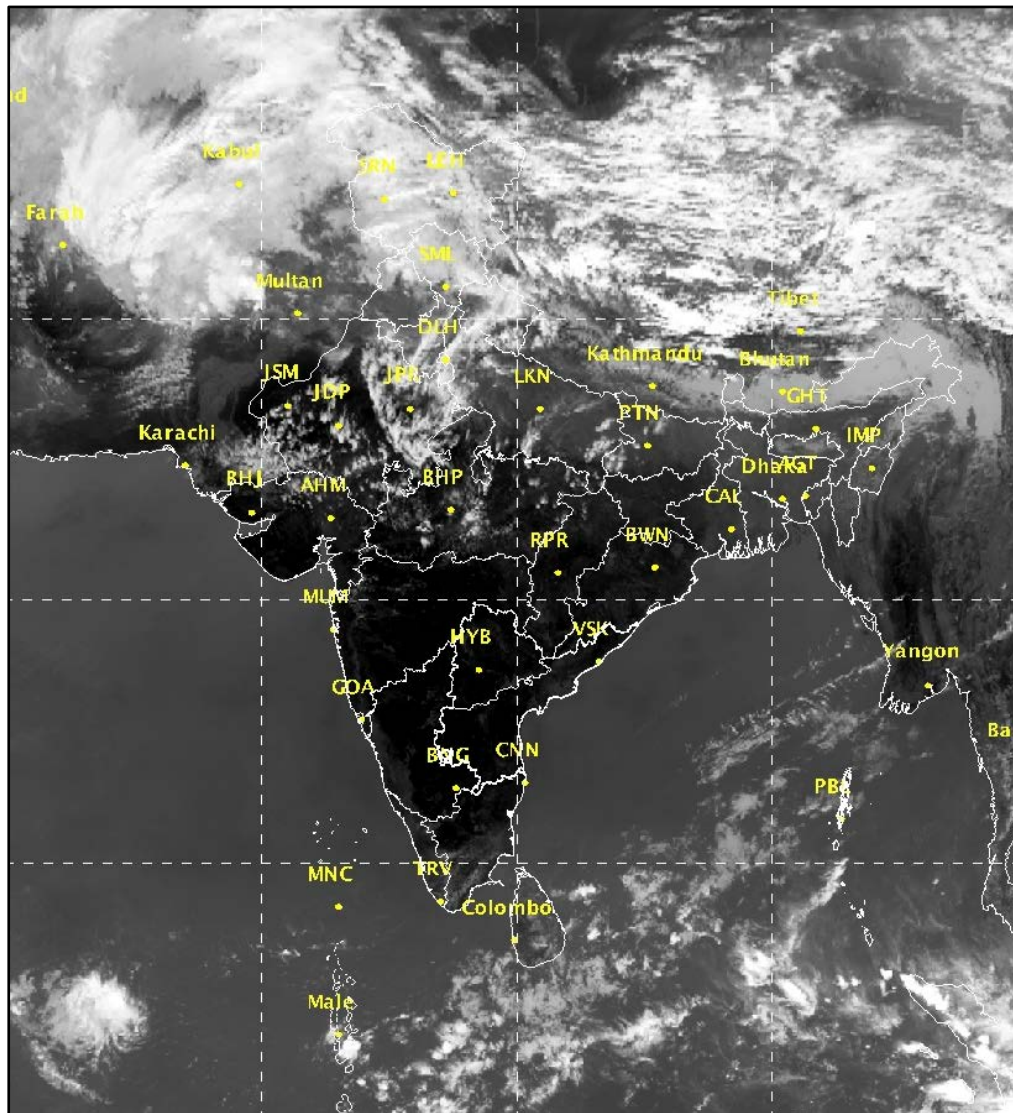
Assam

Weather condition

Light rainfall received over Assam state during past few days. Daily average maximum temperature was 28°C which was 1.5 above normal and the average daily minimum temperature was 14°C which was 1.7 °C above normal.

Contingency measure:

- Rapeseed & mustard: Physiological maturity stage- Farmers are advised to harvest the rape and mustard crop when 75-80% siliqua turn yellow in colour, the harvesting is done by pulling out the whole plant.
- Potato: Farmers are advised to harvest the potato crop.



**Figure: 1. Latest available satellite picture as on 01 March 2018 at 0230 Hrs (IST).
(Source: IMD).**

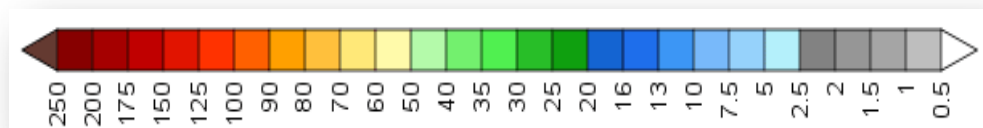
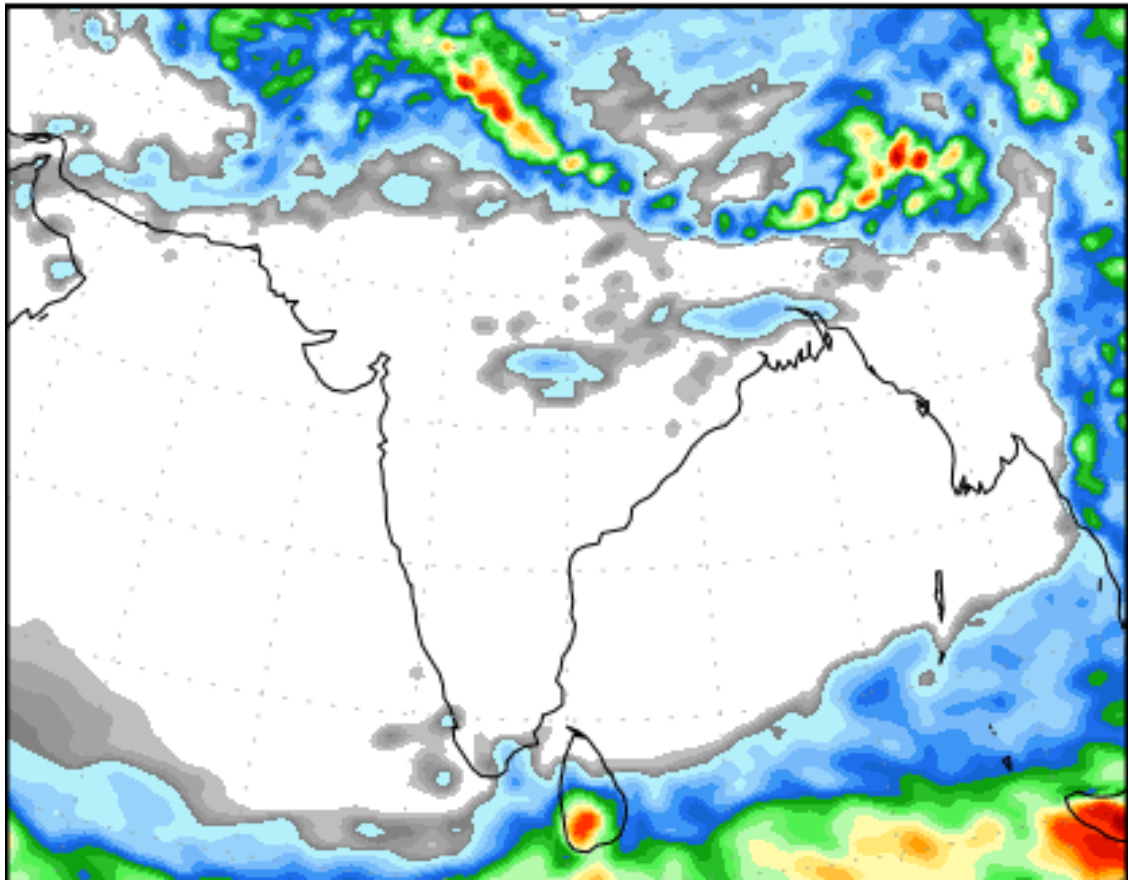


Figure: 2. Precipitation forecast for 01 March to 09 March 2018 (Source: NOAA NCEP).