

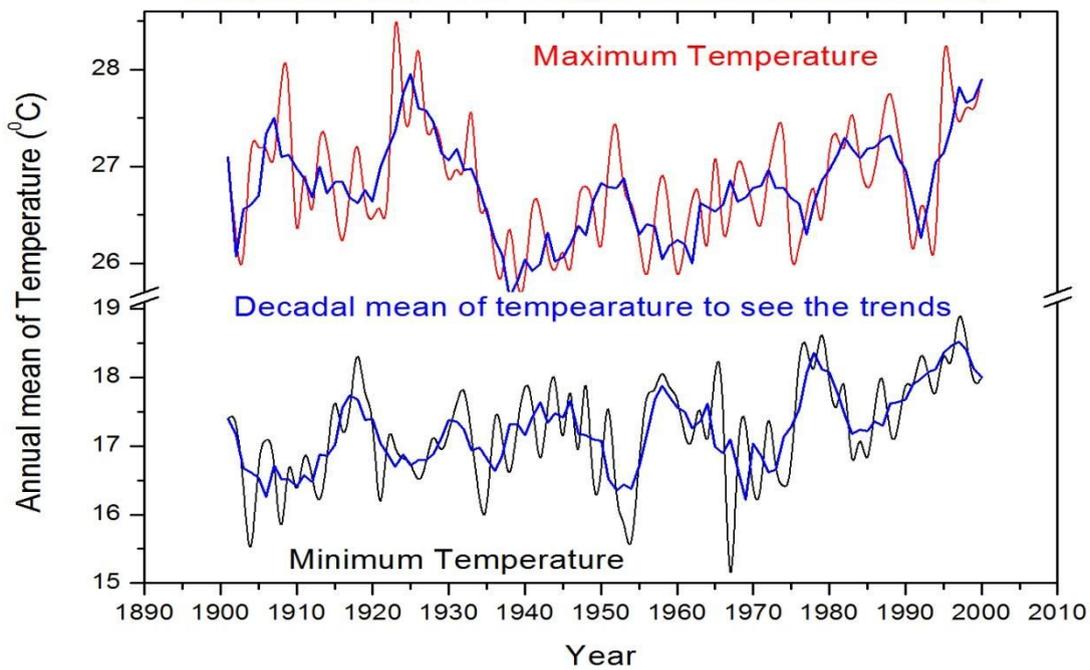
Climate of Bangalore

NCRP - 2017 during 23-24, November 2017

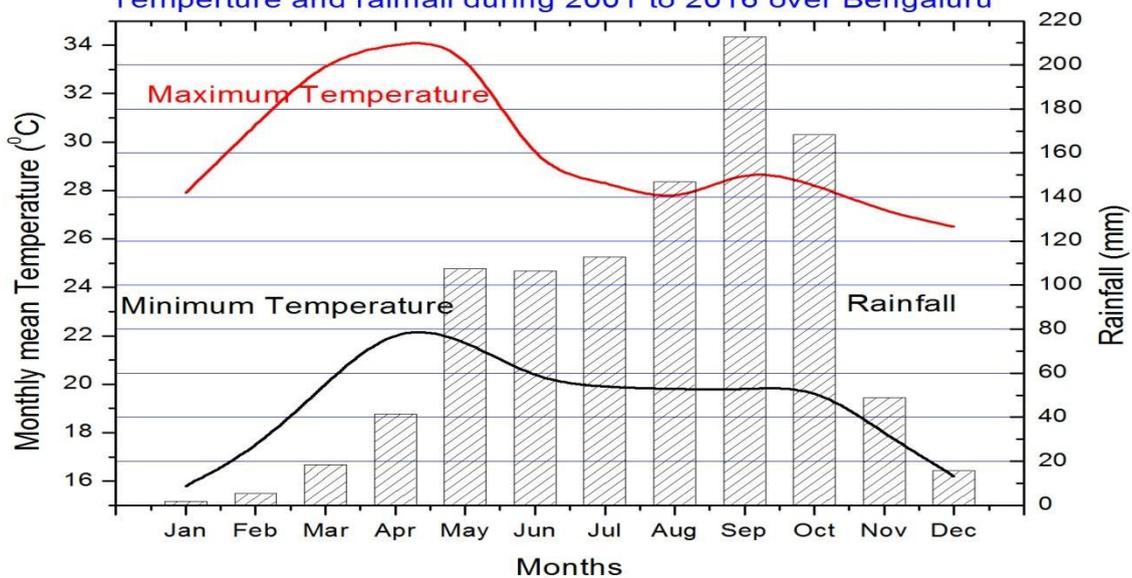
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The monthly mean maximum and minimum temperature for the period 1900 to 2000 varies from 24.6 °C to 29.3 °C and from 13.8 °C to 19.7 °C, respectively, for the month of November. However, the deviation of minimum and maximum temperatures from its normal since 2001 is appreciable. The nighttimes minimum temperature varies from 15 to 22 °C, whereas maximum temperature during daytime varies from 28 to 34 °C. No significant rain for last 100-years and may be few showers occasionally. (Data source: IMD, GoI).

Temperature trend over Bengaluru from last one century

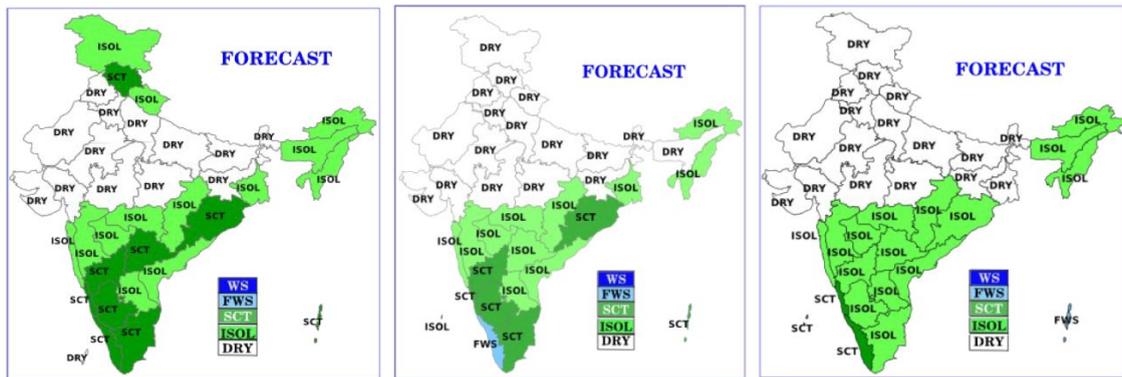


Temperature and rainfall during 2001 to 2016 over Bengaluru

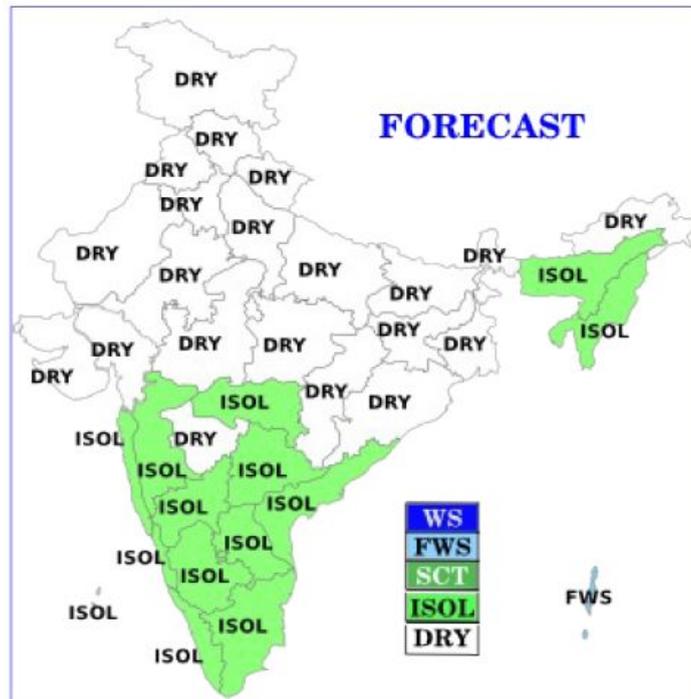


Forecast and Meteorological Analysis for 19 to 24, November 2017

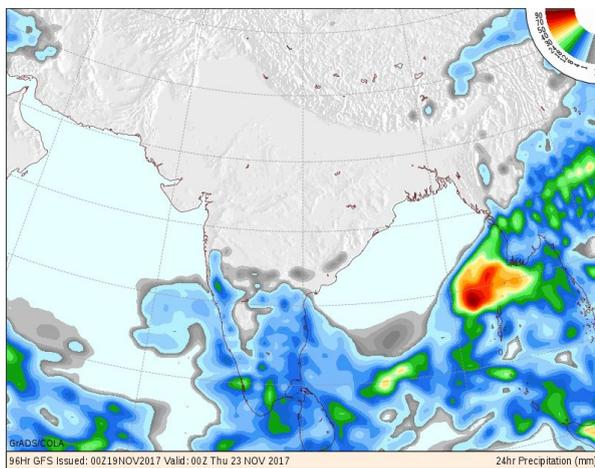
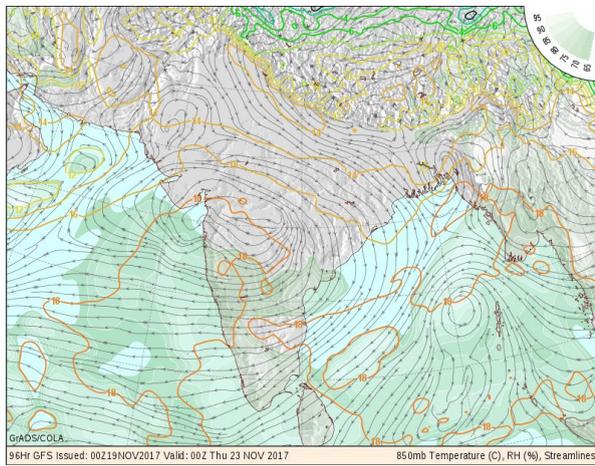
The Western disturbance as an upper air cyclonic circulation over north Pakistan and adjoining Jammu & Kashmir extending upto 5.8 km above mean sea level persists. The associated trough now runs roughly along Longitude 74°E and north of Latitude 20°N at 5.8 km above mean sea level. The cyclonic circulation over north Odisha & adjoining areas of Gangetic West Bengal and Jharkhand extending upto 1.5 km above mean sea level persists. The trough in easterlies upto 0.9 km from Maldives area to South Coastal Karnataka persists. A fresh low pressure area is likely to emerge into north Andaman Sea around 21st November, 2017. However, it is unlikely to become more marked. The cyclonic circulation at 1.5 km amsl over Haryana and adjoining west Uttar Pradesh has become less marked.

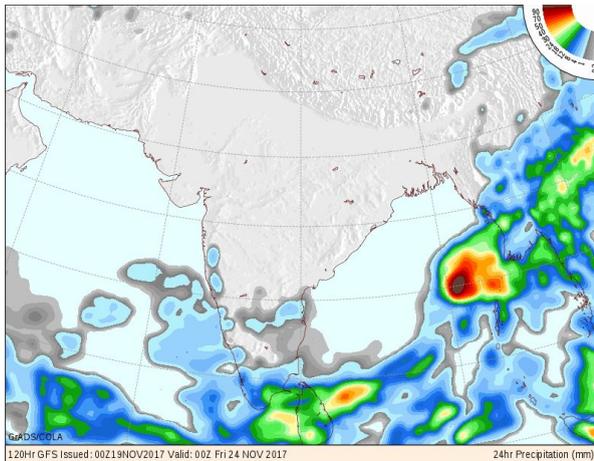
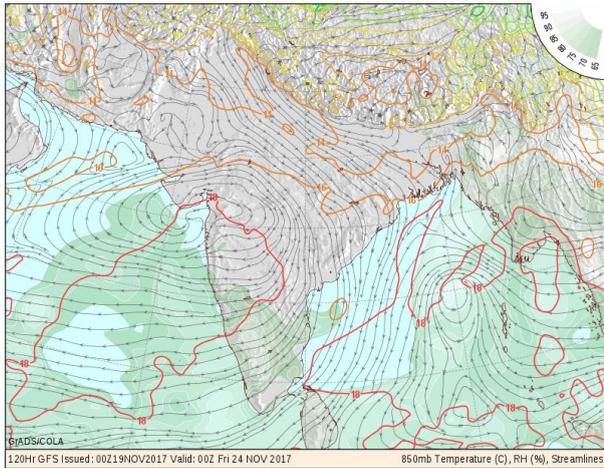


Scattered rains over Karnataka on 19 November 2017 (left panel), scattered rain over Karnataka and heavy rain likely at isolated places over Tamil Nadu on 20 Nov 2017 (central panel) and scattered rain over Karnataka on 21 Nov 2017 (right panel).



During , 22-24, Nov 2017, there will be isolated rain over Karnataka and heavy rain likely at isolated places over south coastal Tamil Nadu. Bengaluru receives slight isolated rains during afternoon hours and evening / night time, due to local disturbances in wind pattern.





The temperature, relative humidity and wind patterns from Weather and Climate Data, GMU

Bengaluru (12.94 °N & 77.5 °E), is a continental tropical region, located at 850 meters above the sea level. Added with seasonal weather features, urban area and elevated topographical features will be influencing the daily weather. November month is start of winter season and covered by the seasonal Northeast monsoonal rains and cloud cover. From the weather scenario the expected weather over Bangalore for 23 to 24, Nov-2017 is:

- Sky condition : Cloudy to partial cloudy sky will prevail.
- Temperature : Expected within 19°C to 27°C.
- Rain : Light intermittent rains are likely in the evening and late night hours.
- Thunderstorms: Remote chances.
- Low pressure systems over Bay of Bengal: No probability of low pressure development concern to Bangalore weather

Analysis and report by Atmospheric and Space Science Research (ASSR) Lab and Sir M Visvesvaraya - ISRO Chair, Department of Physics, Bangalore University, Bengaluru.